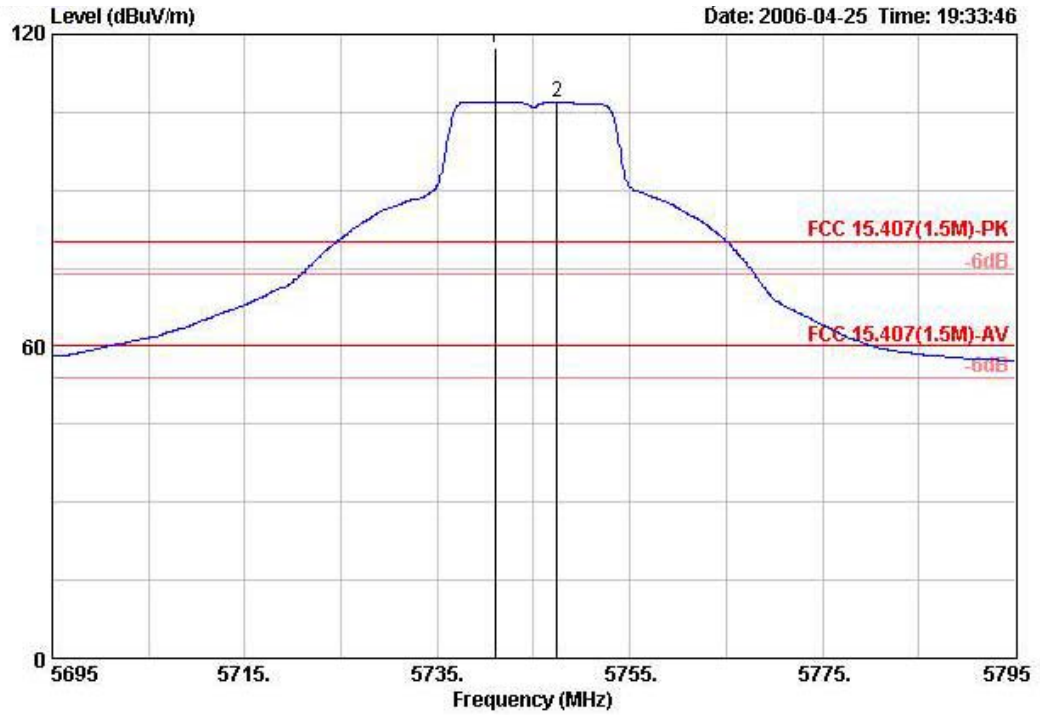


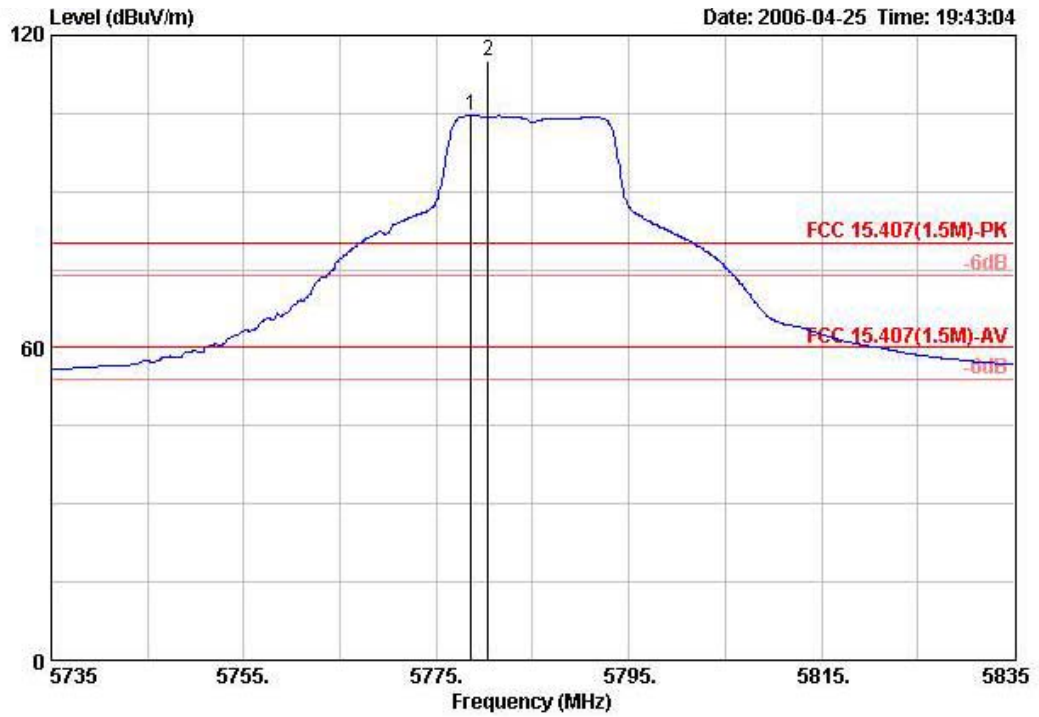
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a Channel 149, 157, 165 / Ant. 2

Channel 149



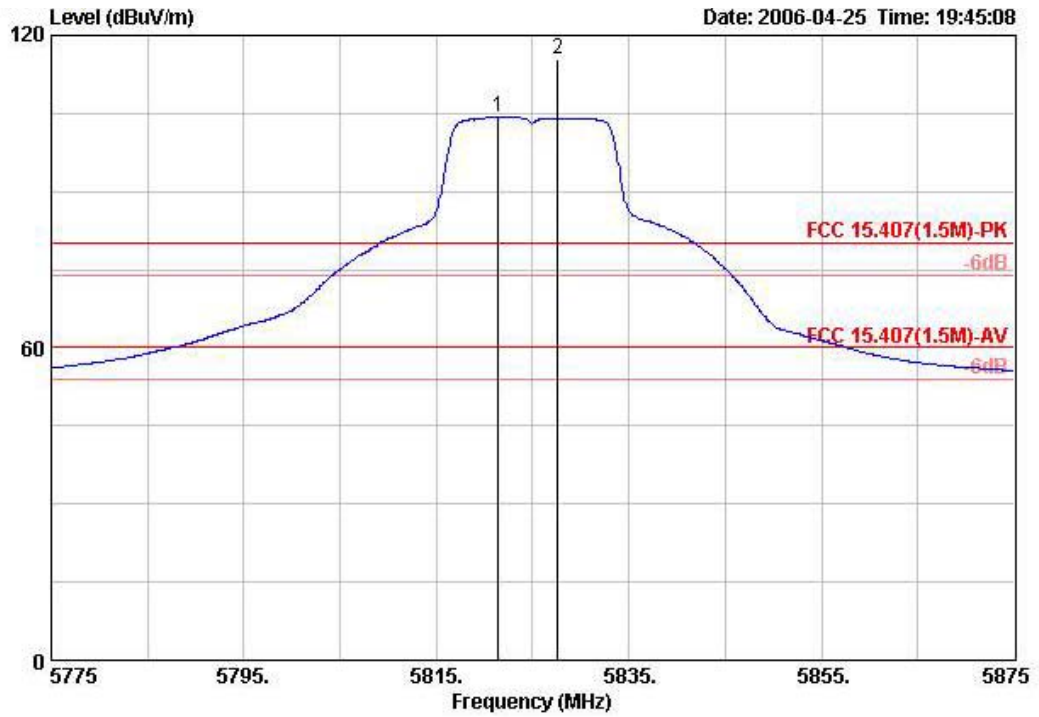
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			m
1 @	5741.000	117.36			78.44	34.26	4.66	0.00	PEAK	VERTICAL	3
2 @	5747.400	106.87			67.96	34.26	4.66	0.00	AVERAGE	VERTICAL	3

Channel 157



	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	5778.600	104.58	44.58	60.00	65.67	34.22	4.68	0.00	AVERAGE	HORIZONTAL	3
2	5780.400	115.14	35.14	80.00	76.24	34.22	4.68	0.00	PEAK	HORIZONTAL	3

Channel 165



	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	5821.400	104.37			65.49	34.17	4.70	0.00	AVERAGE	HORIZONTAL	3
2	5827.600	115.48			76.61	34.17	4.70	0.00	PEAK	HORIZONTAL	3

Note:

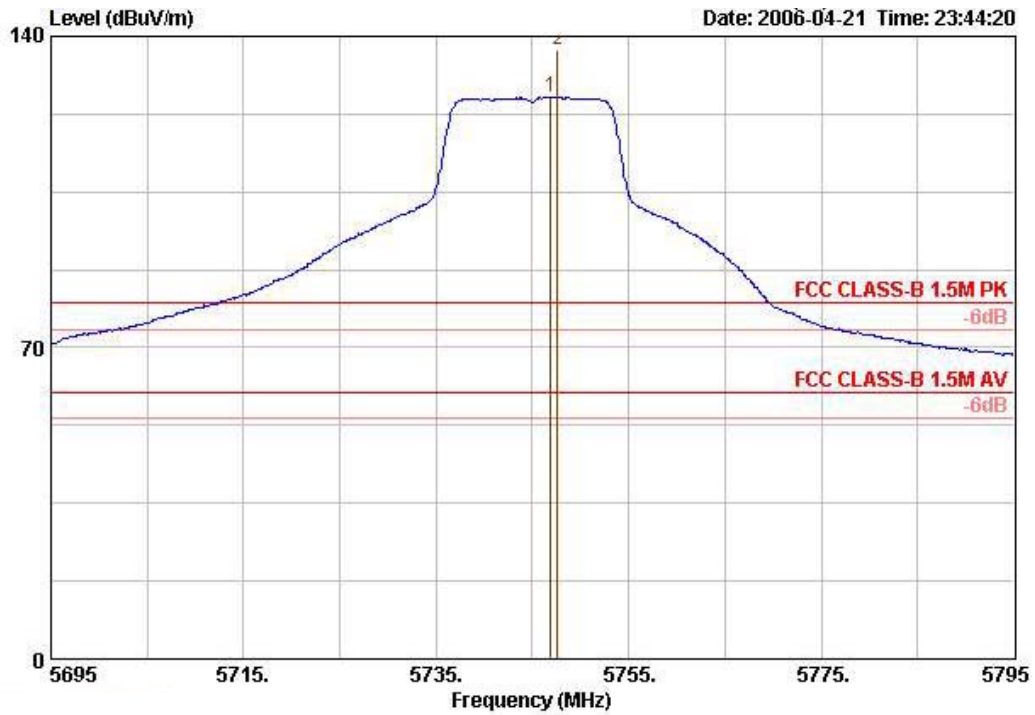
Emission level (dBUV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

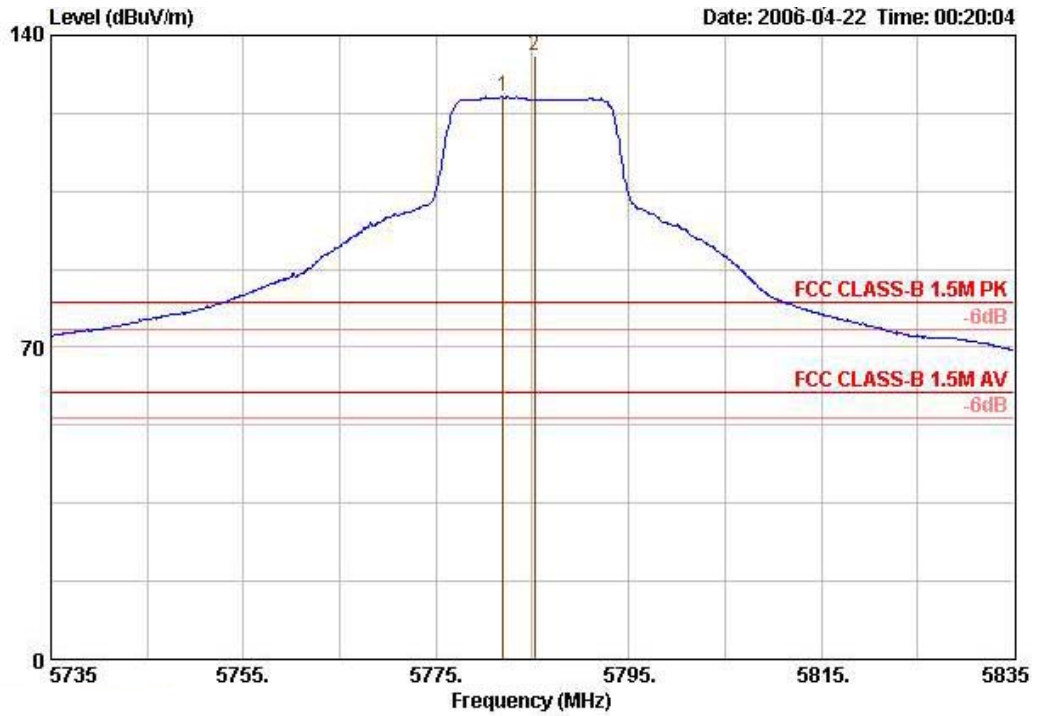
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a Channel 149, 157, 165 / Ant. 3

Channel 149



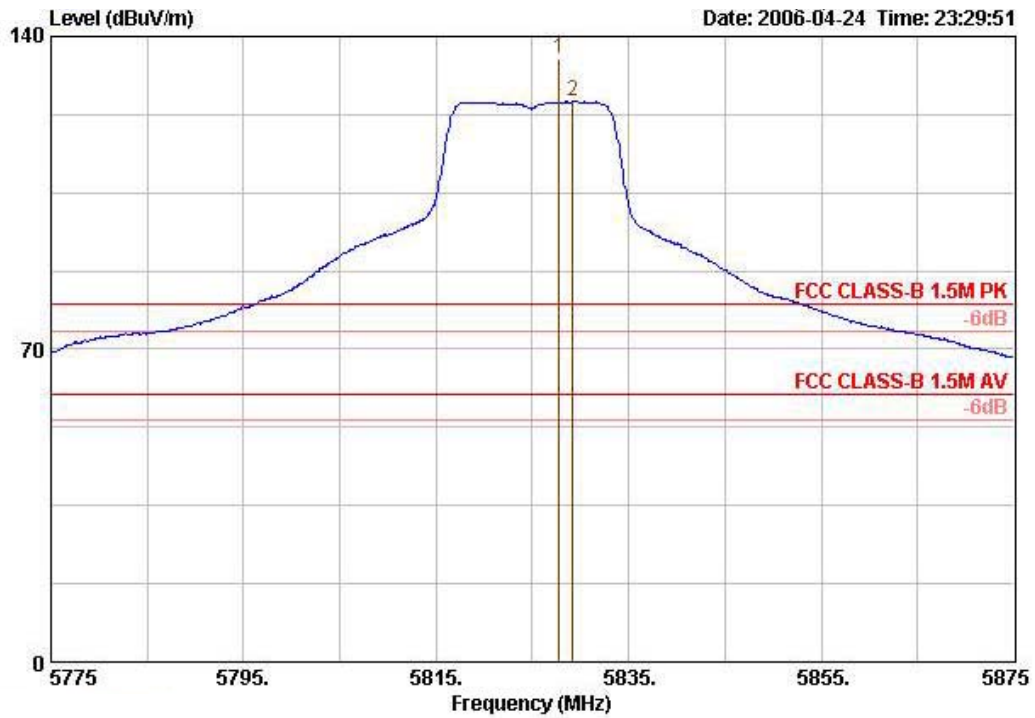
	Over	Limit	Antenna	Cable	Preamp	Read		Ant	Table
Freq	Level	Limit	Line	Loss	Factor	Level	Remark	Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	cm	deg
1 @	5746.900	126.22		34.50	5.26	0.00	86.46 Average	---	---
2 @	5747.600	136.79		34.50	5.26	0.00	97.03 PEAK	100	1

Channel 157



	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 @	5782.000	126.22	66.22	60.00	34.51	5.26	0.00	86.45	Average	---	---
2 @	5785.200	135.42	55.42	80.00	34.51	5.26	0.00	95.65	PEAK	100	359

Channel 165



	Over	Limit	Antenna	Cable	Preamp	Read		Ant	Table
1 @	Level	Line	Factor	Loss	Factor	Level	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dBuV	cm	deg
1 @	5827.800	134.94		34.53	5.26	0.00	95.14 PEAK	100	0
2 @	5829.200	125.44		34.53	5.26	0.00	85.65 Average	---	---

Note:

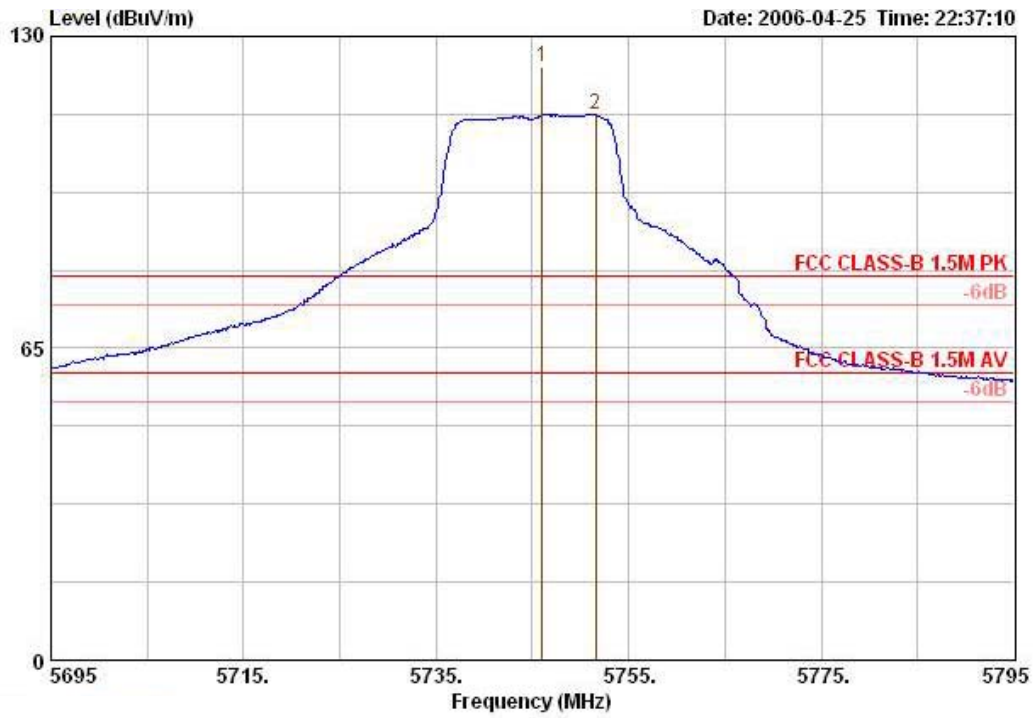
Emission level (dBUV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

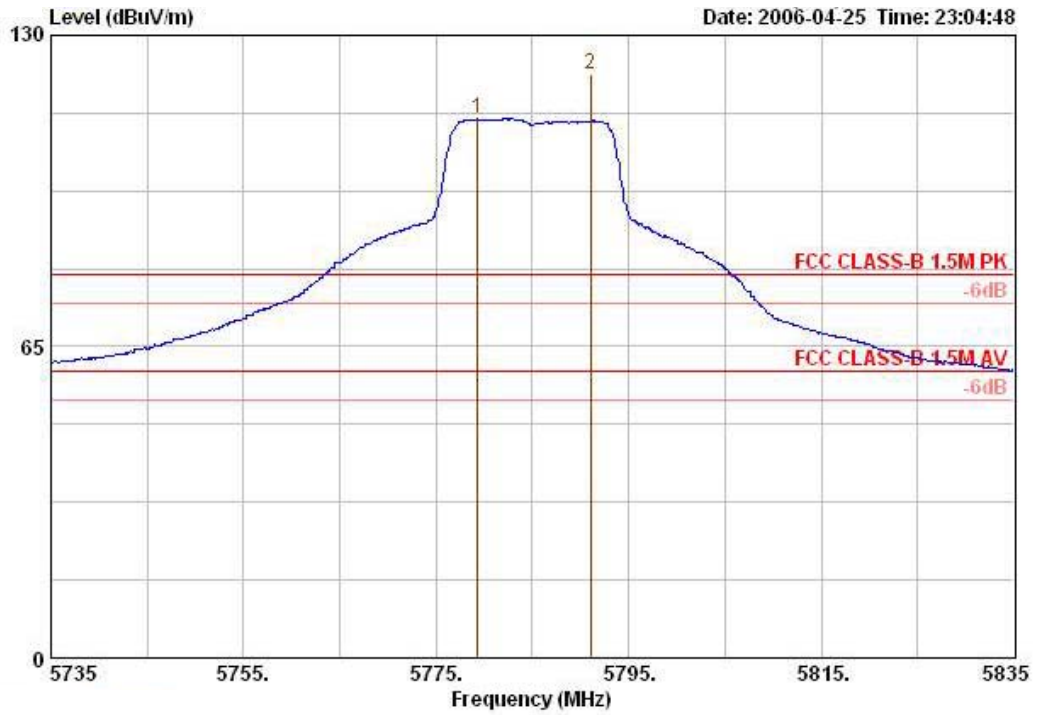
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a Channel 149, 157, 165 / Ant. 4

Channel 149



	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 @	5746.000	123.78			34.50	5.26	0.00	84.03	PEAK	100	184
2 @	5751.600	113.79			34.50	5.26	0.00	74.03	Average	---	---

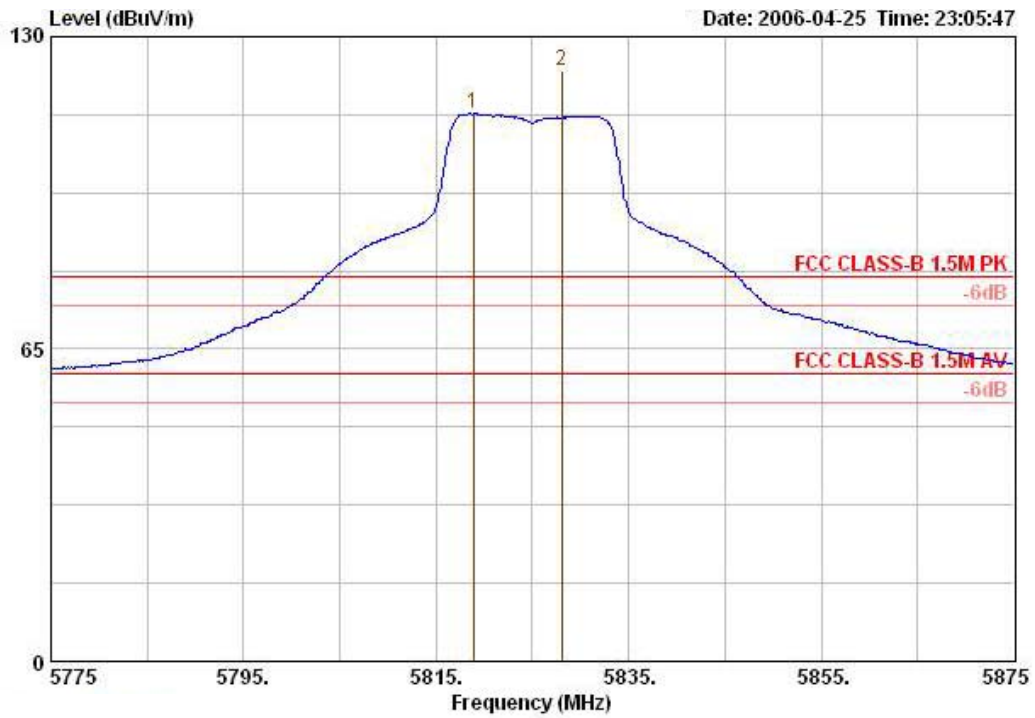
Channel 157



	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 @	5779.300	112.55	52.55	60.00	34.51	5.26	0.00	72.77	Average	---	---
2 @	5791.000	121.85	41.85	80.00	34.52	5.26	0.00	82.07	PEAK	133	168



Channel 165



	Freq	Level	Over 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	dBuV		cm	deg
1 @	5818.900	114.13		34.52	5.26	0.00	74.34	Average		---	---
2 @	5828.000	122.92		34.53	5.26	0.00	83.13	PEAK		133	168

Note:

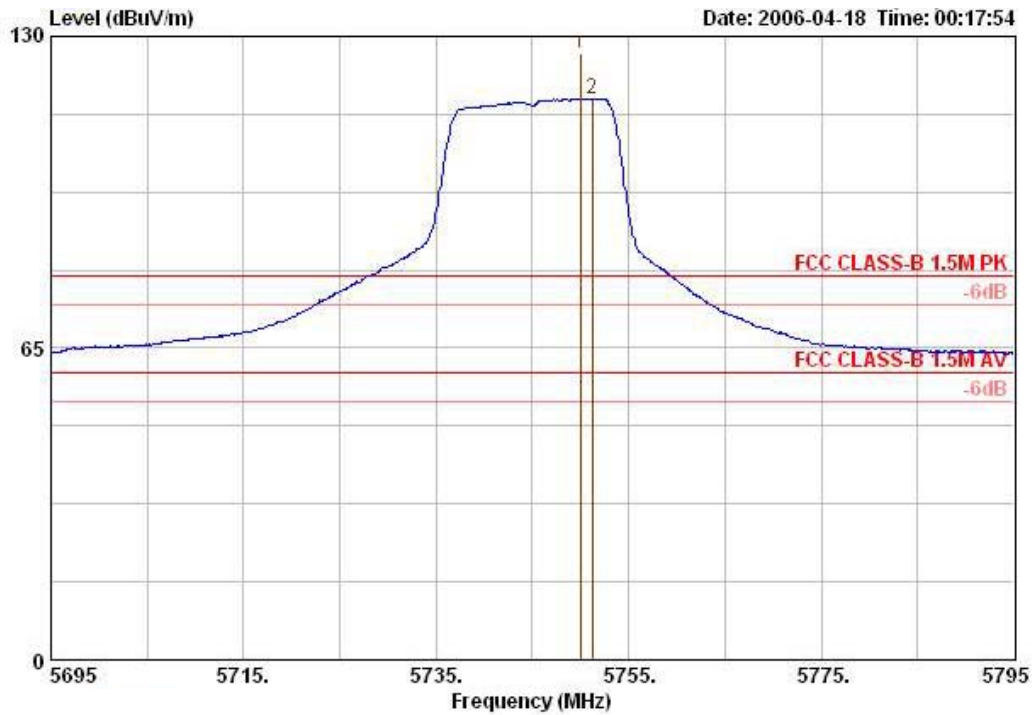
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

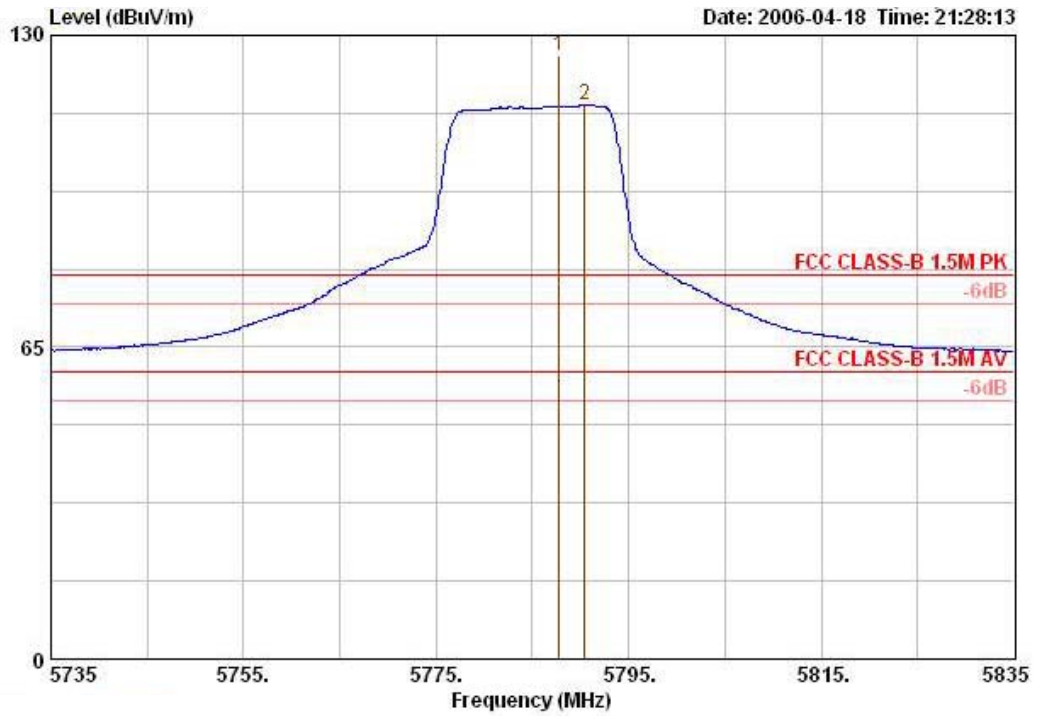
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a Channel 149, 157, 165 / Ant. 5

Channel 149



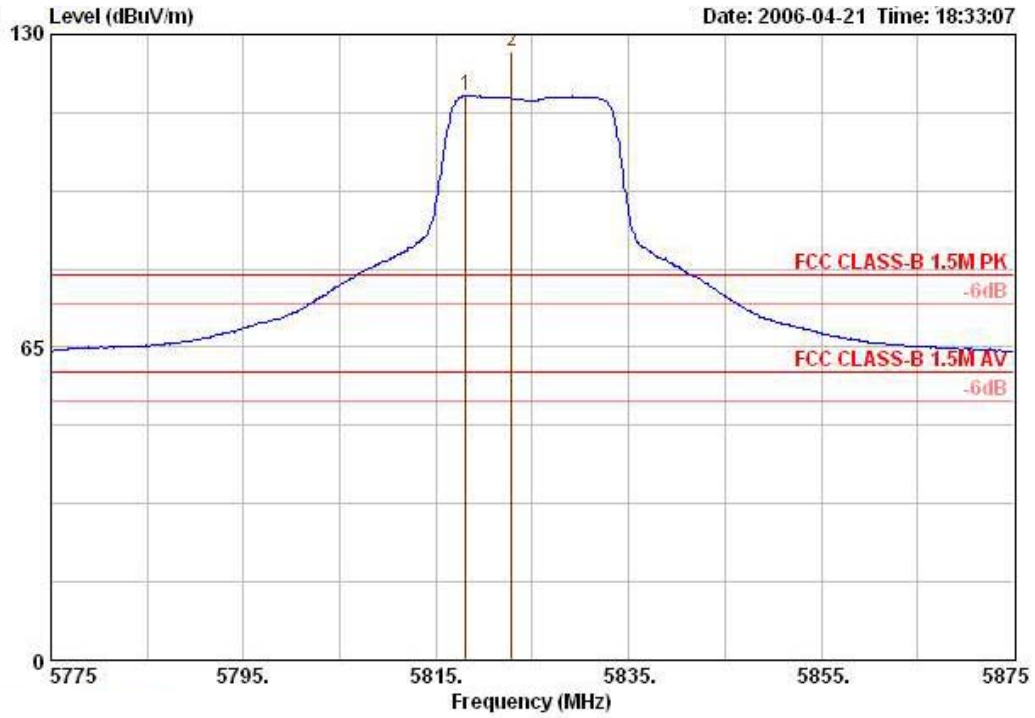
	Freq	Level	Over Limit	Limit	Antenna Line Factor	Cable Loss	Preamp Factor	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV		cm	deg
<b>1 over</b>	5750.000	126.52			34.50	5.26	0.00	86.77	PEAK	102	12
<b>2 @</b>	5751.200	117.05			34.50	5.26	0.00	77.30	Average	---	---

Channel 157



	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
<b>1 over</b>	5787.800	125.69	45.69	80.00	34.52		5.26	0.00	85.91	PEAK	116	360
2 @	5790.400	115.37	55.37	60.00	34.52		5.26	0.00	75.60	Average	---	---

Channel 165



	Freq	Level	Over 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	dBuV		cm	deg
1 @	5818.100	117.22			34.52	5.26	0.00	77.43	Average	---	---
2 over	5822.800	126.41			34.53	5.26	0.00	86.62	PEAK	100	16

Note:

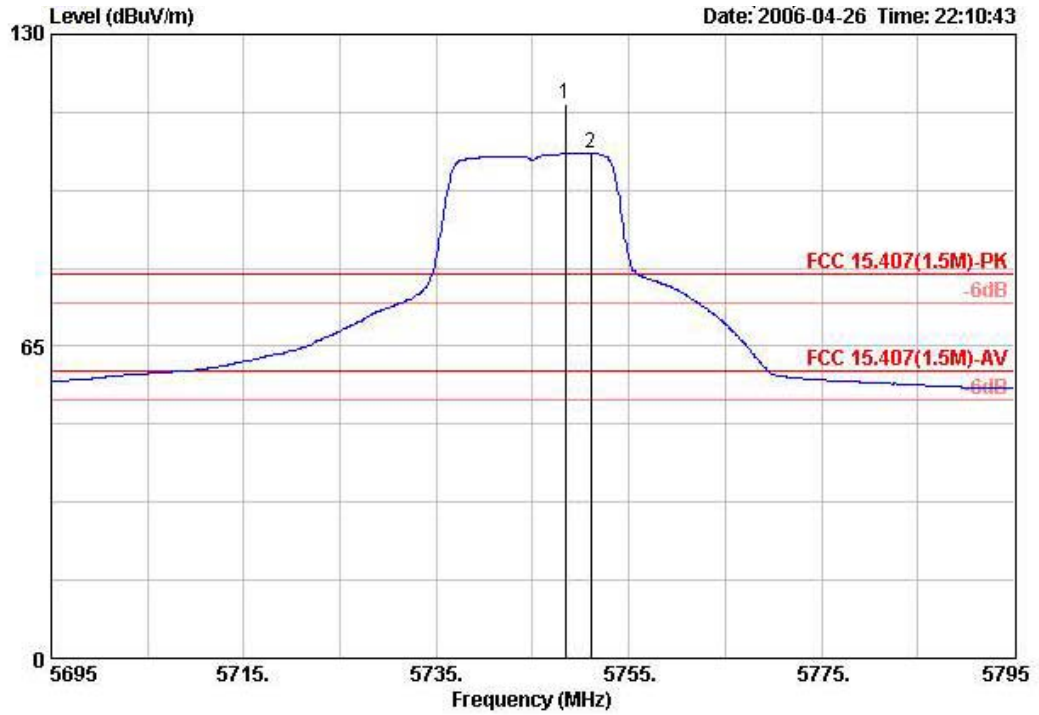
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

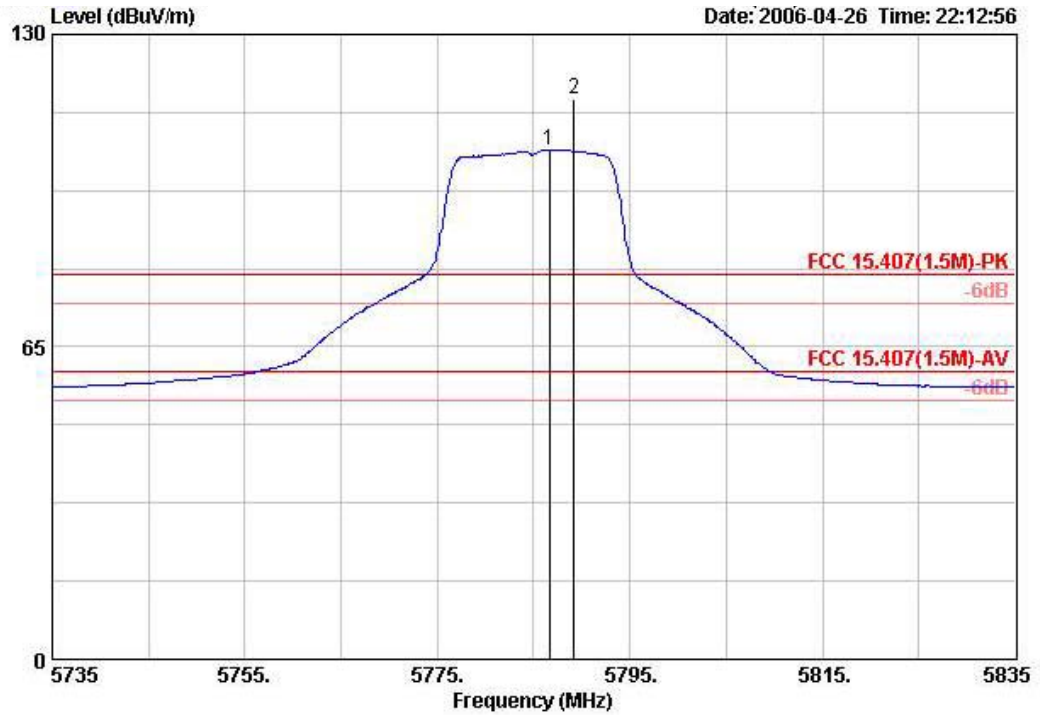
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a Channel 149, 157, 165 / Ant. 6

Channel 149



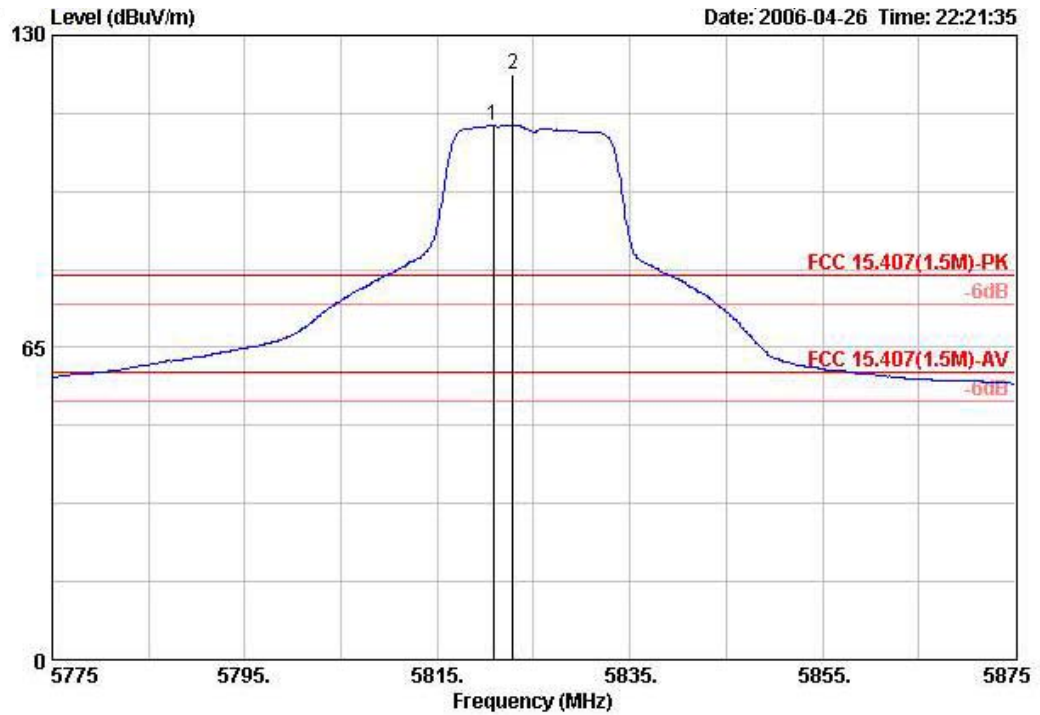
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	Pol/Phase	Distance
	MHz	dBUV/m	dB	dBUV/m	dBuV	dB/m	dB	dB			m
1 @	5748.400	115.33			76.41	34.26	4.66	0.00	PEAK	VERTICAL	3
2 @	5751.000	105.14			66.22	34.26	4.66	0.00	AVERAGE	VERTICAL	3

Channel 157



	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	5786.600	105.97	45.97	60.00	67.08	34.21	4.68	0.00	AVERAGE	VERTICAL	3
2	5789.200	116.42	36.42	80.00	77.54	34.21	4.68	0.00	PEAK	VERTICAL	3

Channel 165



	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 @	5820.800	111.18			72.31	34.17	4.70	0.00	AVERAGE	VERTICAL	3
2 @	5822.800	121.86			82.98	34.17	4.70	0.00	PEAK	VERTICAL	3

Note:

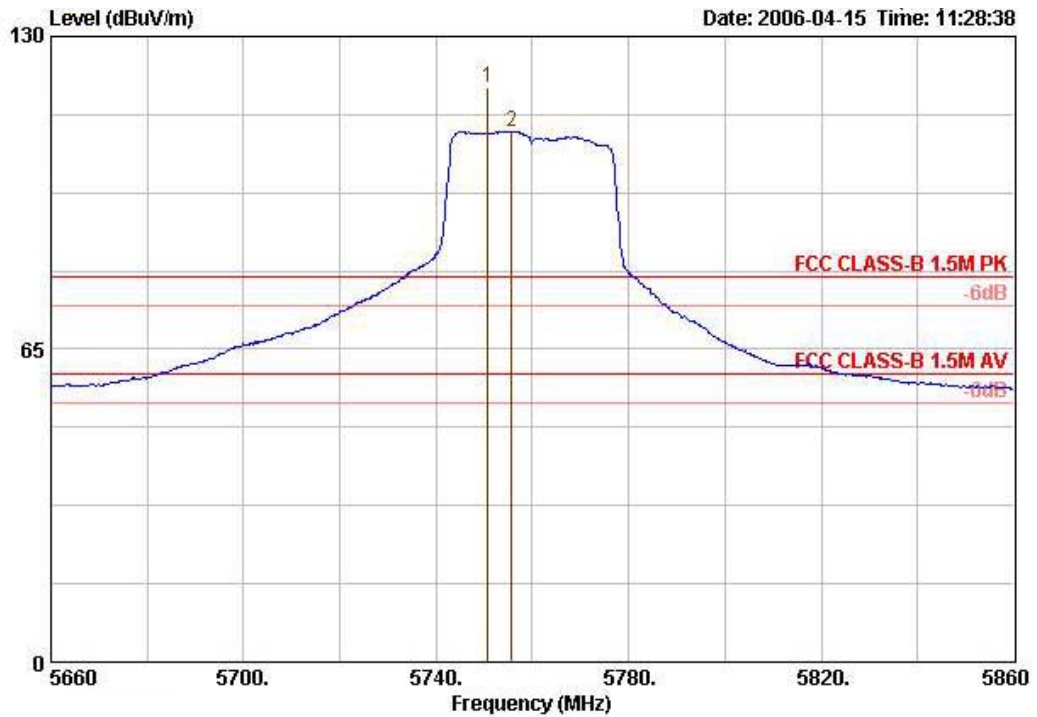
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a turbo Channel 152, 160 / Ant. 1

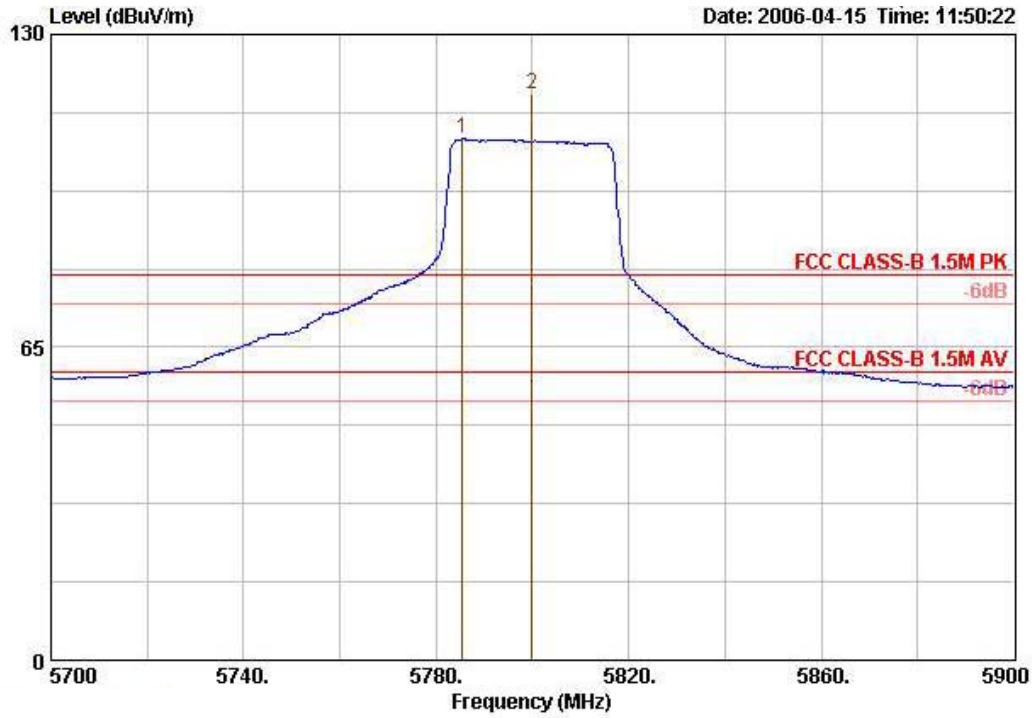
Channel 152



	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table
Freq	Level	Limit	Line Factor	Loss Factor	Loss Factor	Level	Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dBuV	cm	deg
1 @	5750.800	119.27		34.50	5.26	0.00	79.51	190
2 @	5755.600	110.33		34.50	5.26	0.00	70.57	---



Channel 160



	Over	Limit	Antenna	Cable	Preamp	Read		Ant	Table
Freq	Level	Limit	Line Factor	Loss	Factor	Level	Remark	Pos	Pos
MHz	dBUV/m	dB	dBUV/m	dB/m	dB	dB	dBuV	cm	deg
1 @	5785.400	108.45		34.51	5.26	0.00	68.68 Average	---	---
2 @	5800.000	117.52		34.52	5.26	0.00	77.74 PEAK	146	194

Note:

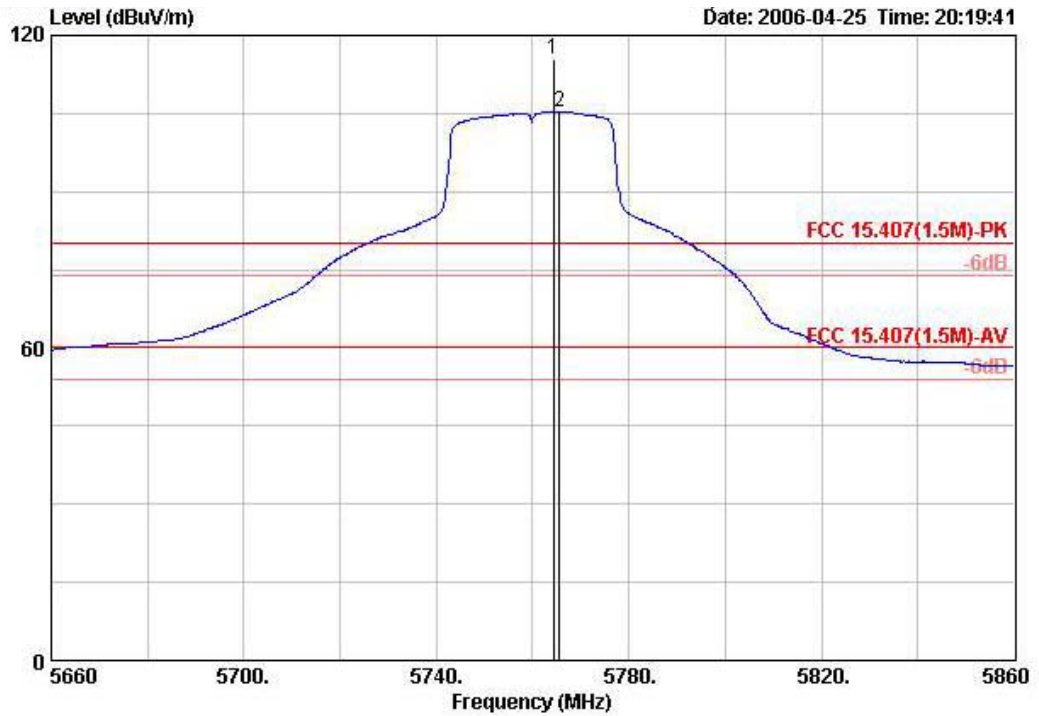
Emission level (dBUV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

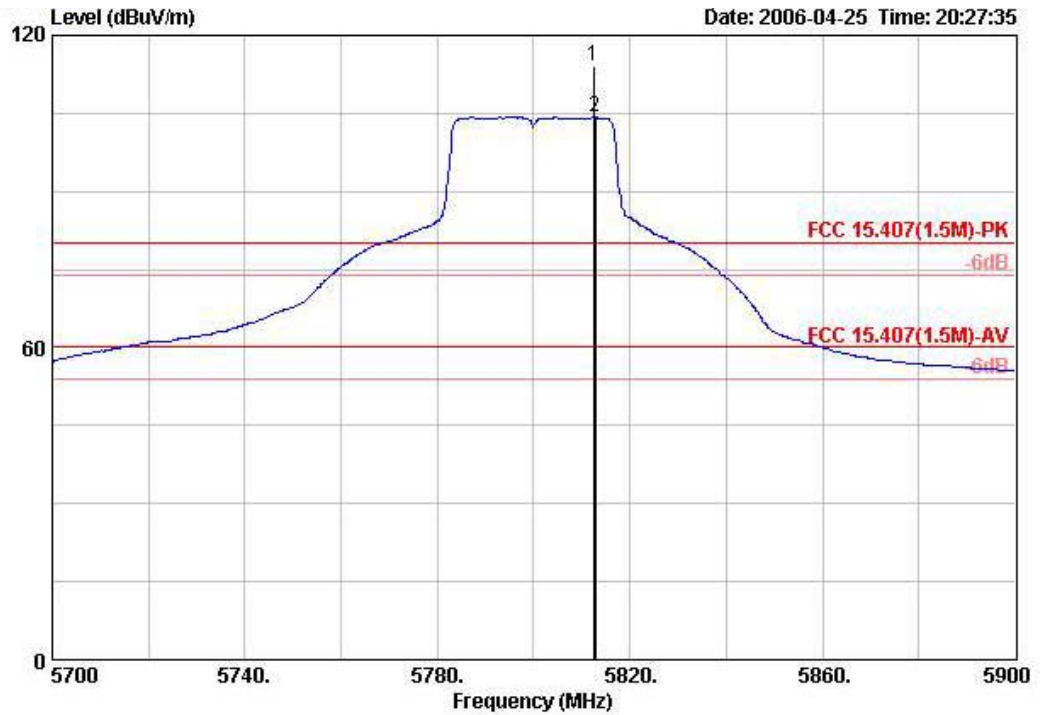
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a turbo Channel 152, 160 / Ant. 2

Channel 152



	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 @	5764.400	115.27			76.34	34.24	4.68	0.00	PEAK	VERTICAL	3
2 @	5765.600	105.30			66.38	34.24	4.68	0.00	AVERAGE	VERTICAL	3

Channel 160



	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 @	5812.400	114.28			75.38	34.19	4.70	0.00	PEAK	VERTICAL	3
2 @	5812.800	104.26			65.37	34.19	4.70	0.00	AVERAGE	VERTICAL	3

Note:

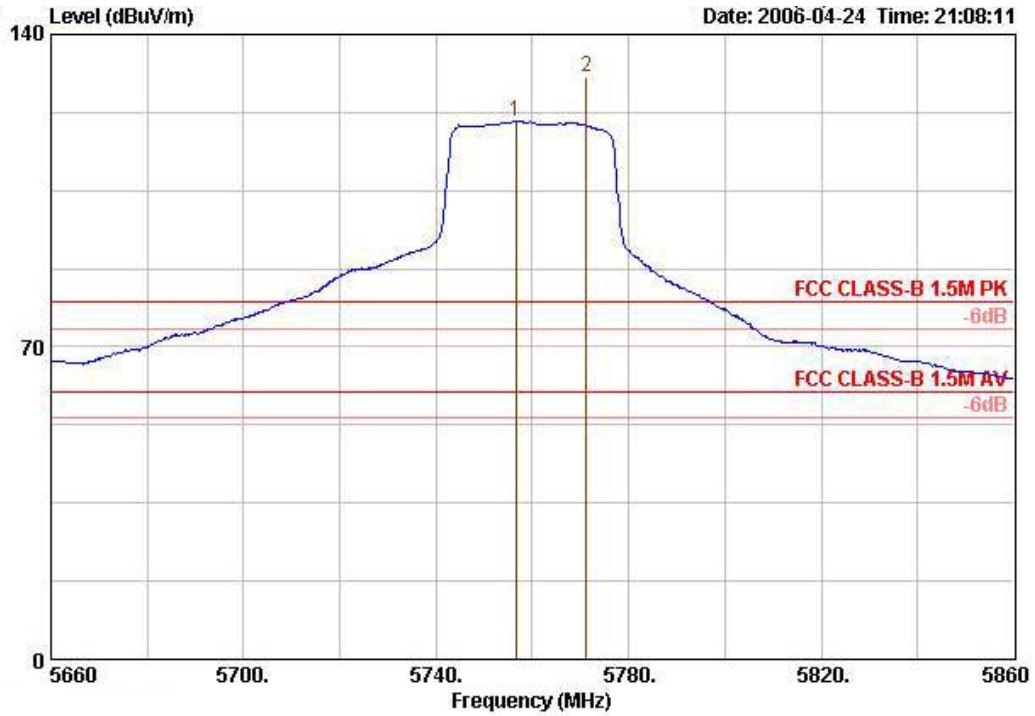
Emission level (dBUV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

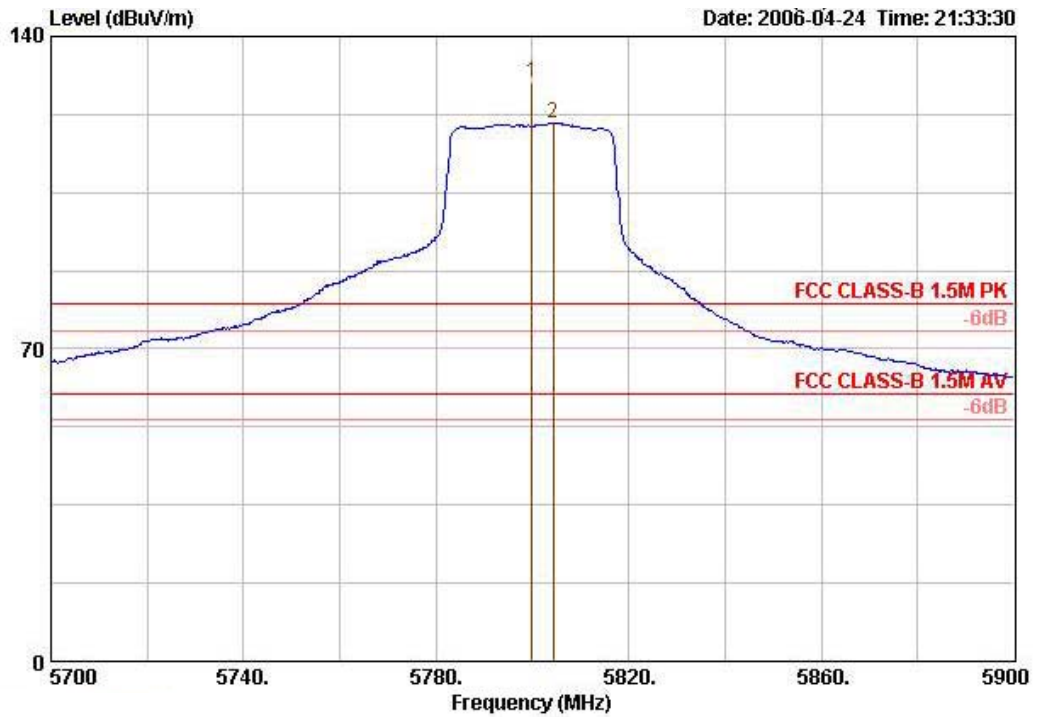
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a turbo Channel 152, 160 / Ant. 3

Channel 152



	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	dBuV		cm	deg
1 @	5756.600	120.53		34.50	5.26	0.00	80.77 Average	---	---
2 @	5771.200	130.51		34.51	5.26	0.00	90.74 PEAK	100	1

Channel 160



	Over	Limit	Antenna	Cable	Preamp	Read	Ant	Table		
Freq	Level	Line	Factor	Loss	Factor	Level	Pos	Pos		
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg		
1 @	5800.000	129.60		34.52	5.26	0.00	89.82	PEAK	100	0
2 @	5804.400	120.60		34.52	5.26	0.00	80.82	Average	---	---

Note:

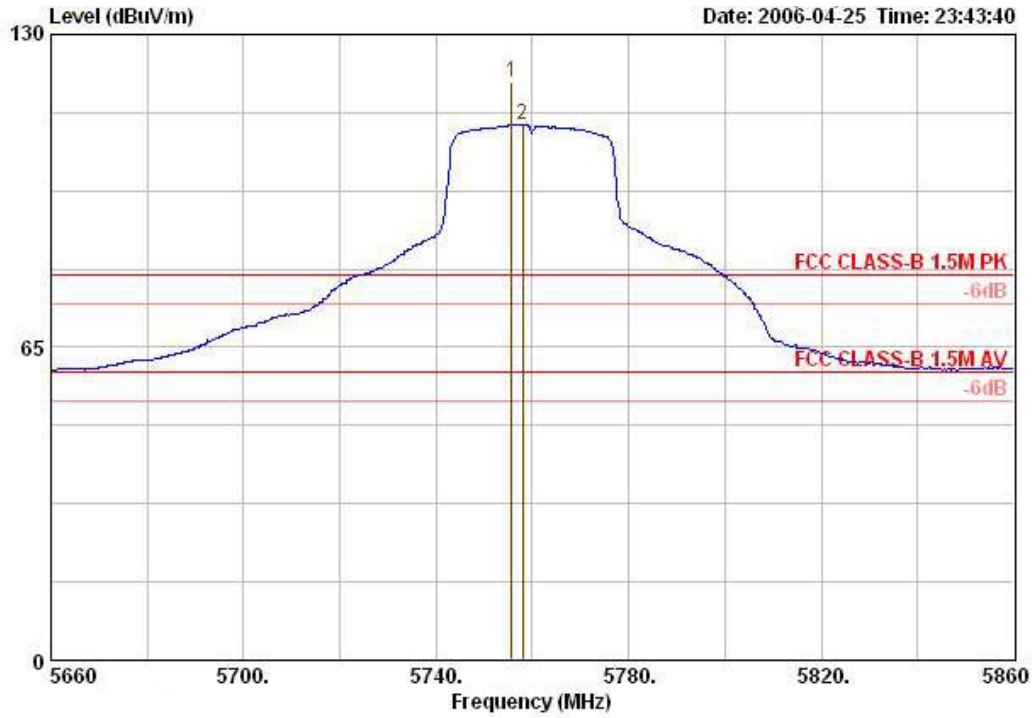
Emission level (dBUV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

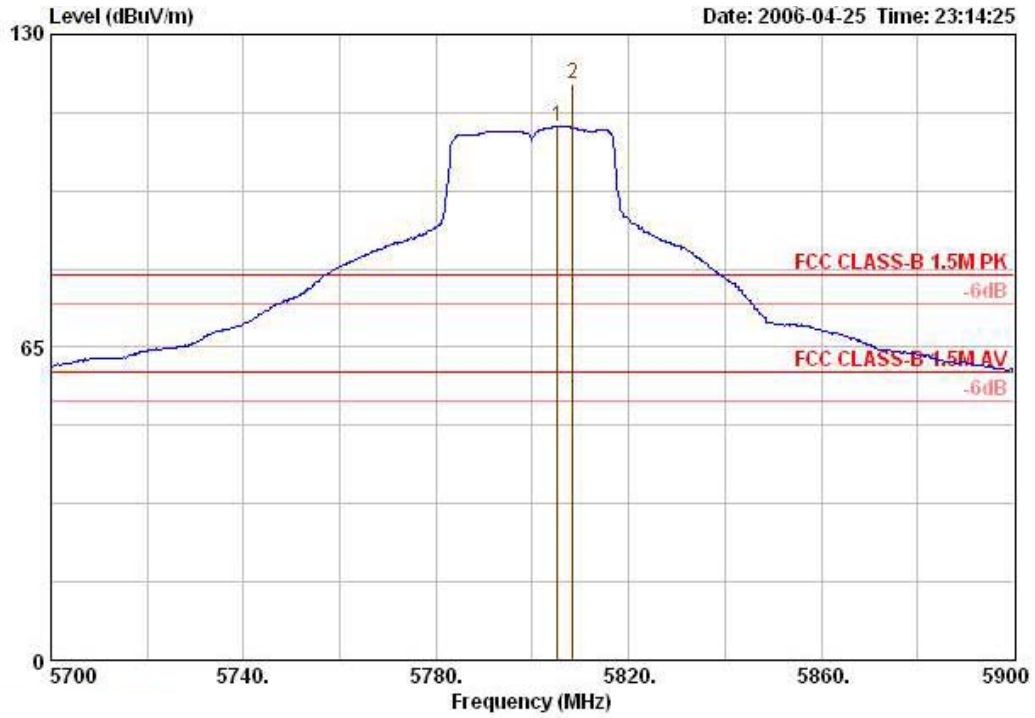
Temperature	24°C	Humidity	64%
Test Engineer	Leo Hung	Configurations	802.11a turbo Channel 152, 160 / Ant. 4

Channel 152



	Freq	Level	Over Limit	Antenna Line	Cable Loss	Preamp	Read Level	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	dBuV	cm	deg
1 over	5755.600	120.15		34.50	5.26	0.00	80.39	PEAK	133	169
2 @	5758.000	111.34		34.50	5.26	0.00	71.58	Average	---	---

Channel 160



	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 @	5805.200	110.88			34.52	5.26	0.00	71.09	Average	---	---
2 over	5808.400	119.79			34.52	5.26	0.00	80.00	PEAK	133	168

Note:

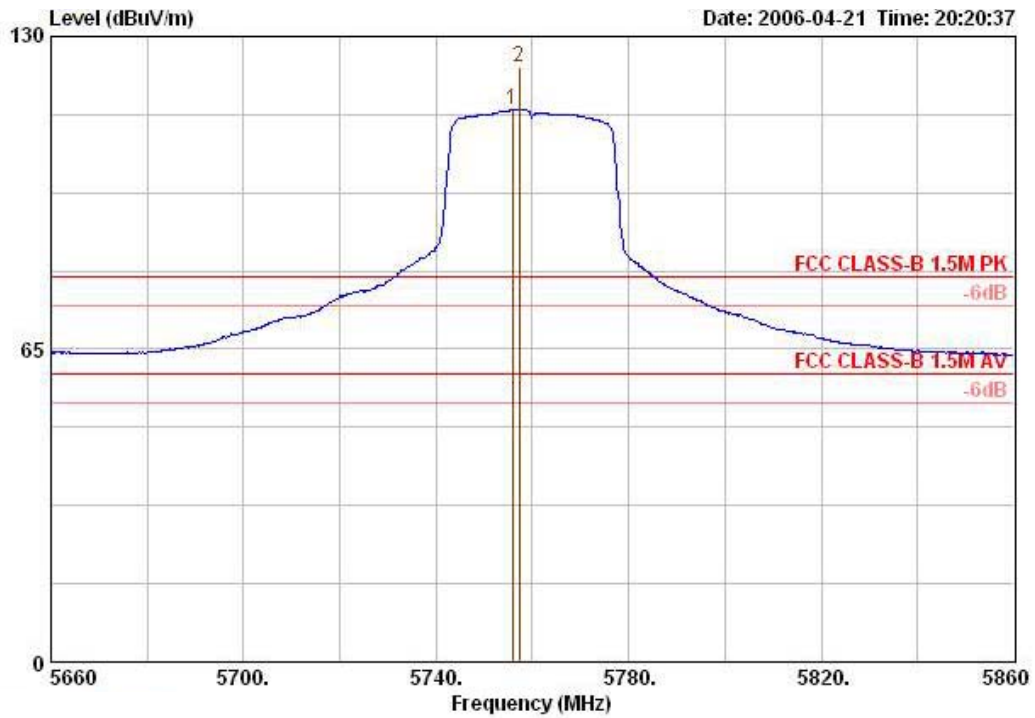
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a turbo Channel 152, 160 / Ant. 5

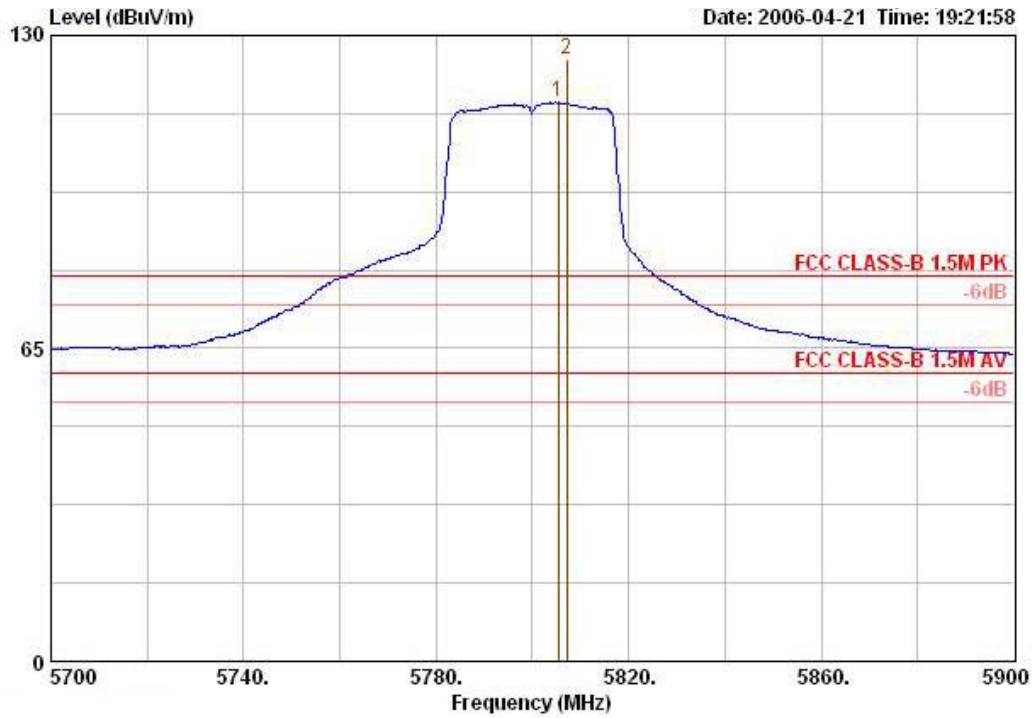
Channel 152



	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 @	5755.800	114.82			34.50	5.26	0.00	75.06	Average	---	---
2 over	5757.200	123.80			34.50	5.26	0.00	84.04	PEAK	100	23



Channel 160



	Over	Limit	Antenna	Cable	Preamp	Read	Remark	Ant	Table
Freq	Level	Limit	Line Factor	Loss Factor	Factor	Level		Pos	Pos
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dBuV		cm	deg
1 @	5805.400	116.05		34.52	5.26	0.00	76.26 Average	---	---
2 over	5807.200	124.93		34.52	5.26	0.00	85.14 PEAK	100	23

Note:

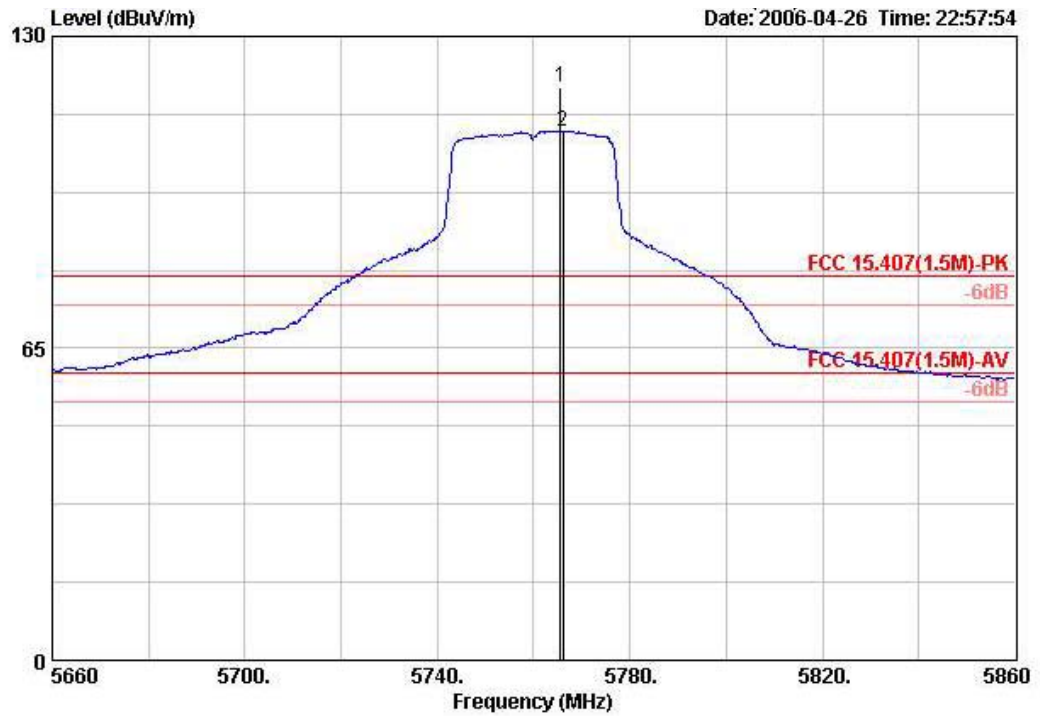
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

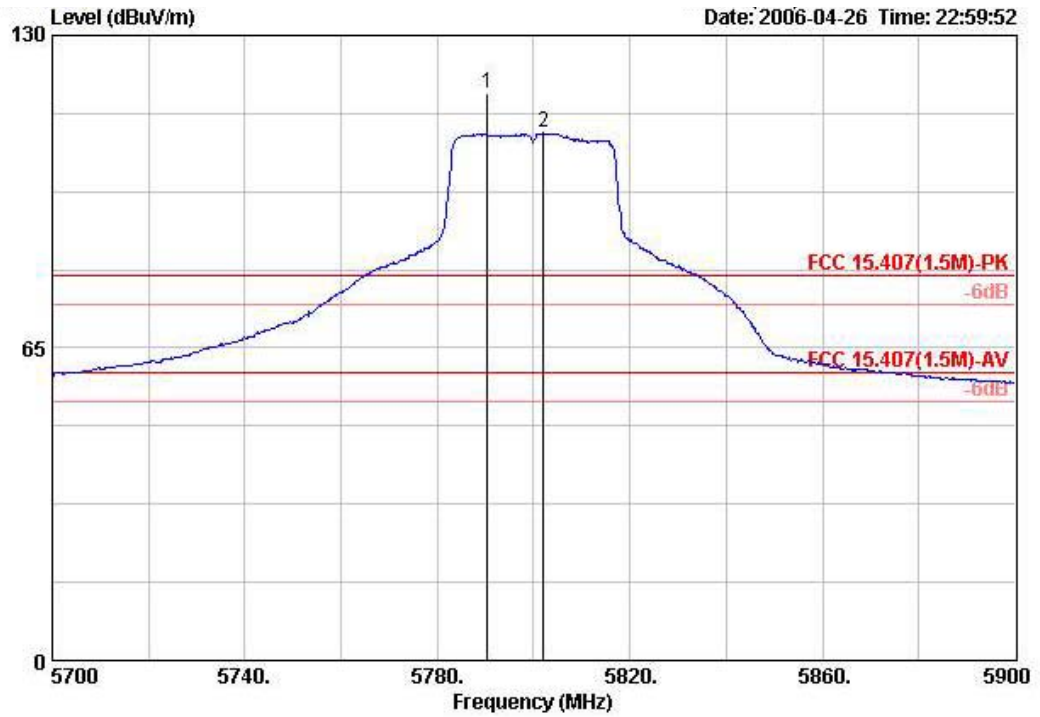
<b>Temperature</b>	24°C	<b>Humidity</b>	64%
<b>Test Engineer</b>	Leo Hung	<b>Configurations</b>	802.11a turbo Channel 152, 160 / Ant. 6

Channel 152



	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 @	5765.600	119.43			80.51	34.24	4.68	0.00	PEAK	VERTICAL	3
2 @	5766.000	110.32			71.40	34.24	4.68	0.00	AVERAGE	VERTICAL	3

Channel 160



	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	5790.400	117.91			79.02	34.21	4.68	0.00	PEAK	VERTICAL	3
2	5802.000	109.72			70.81	34.21	4.70	0.00	AVERAGE	VERTICAL	3

Note:

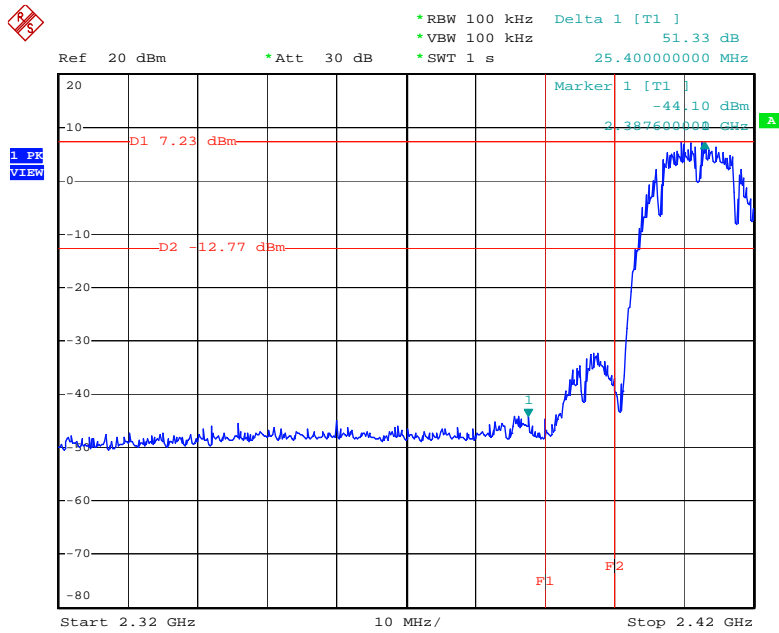
Emission level (dBuV/m) = 20 log Emission level (uV/m).

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

Receiving maximum band edge emissions are Vertical Polarization.

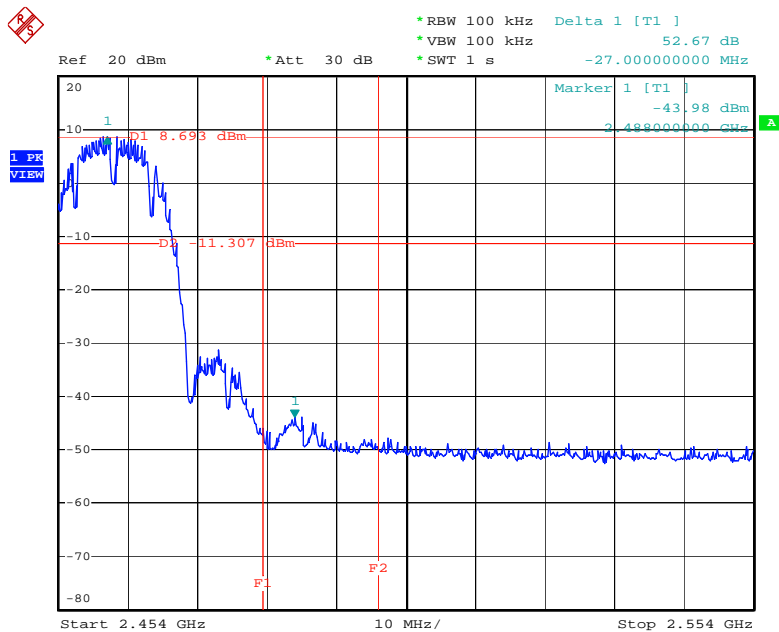
For Emission not in Restricted Band / Ant. 1

**Low Band Edge Plot on Configuration IEEE 802.11b / 2412 MHz**



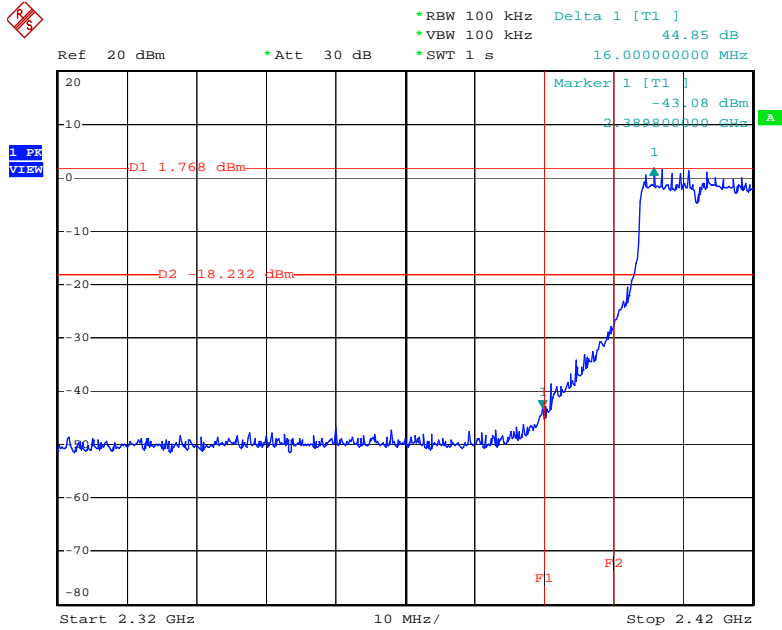
Date: 27.APR.2006 00:48:03

**High Band Edge Plot on Configuration IEEE 802.11b / 2462 MHz**



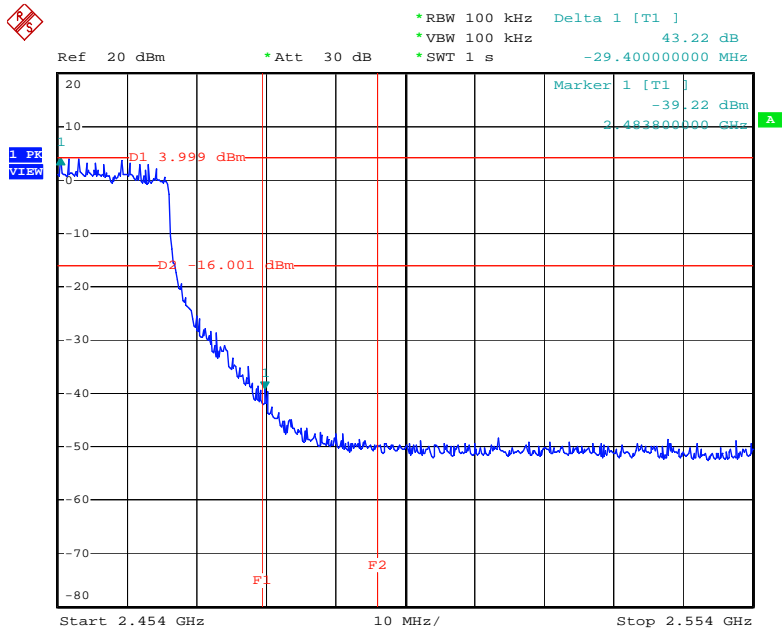
Date: 27.APR.2006 00:47:09

### Low Band Edge Plot on Configuration IEEE 802.11g / 2412 MHz



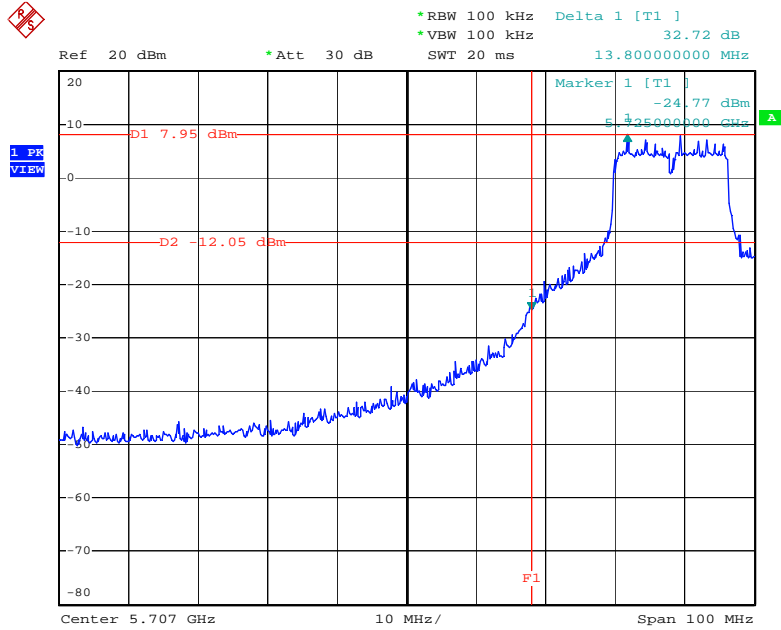
Date: 27.APR.2006 00:12:01

### High Band Edge Plot on Configuration IEEE 802.11g / 2462 MHz



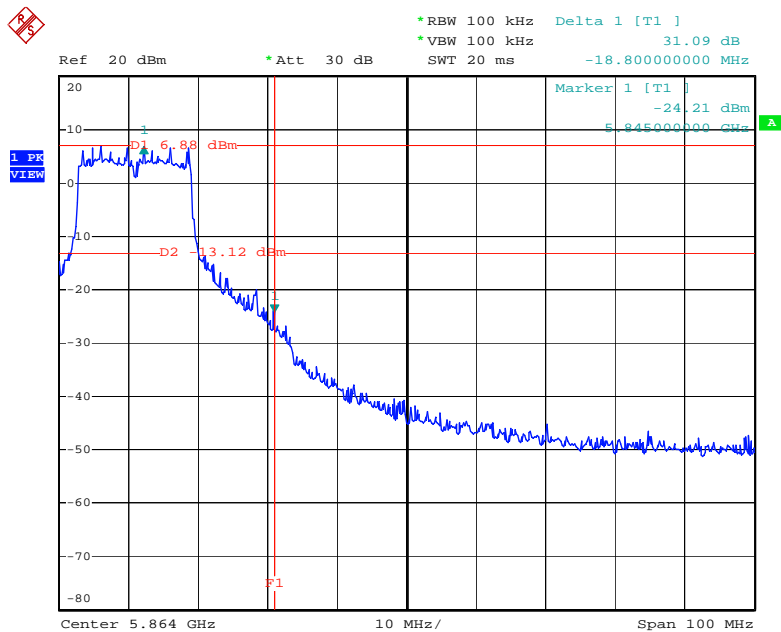
Date: 27.APR.2006 00:10:13

### Low Band Edge Plot on Configuration IEEE 802.11a / 5745 MHz



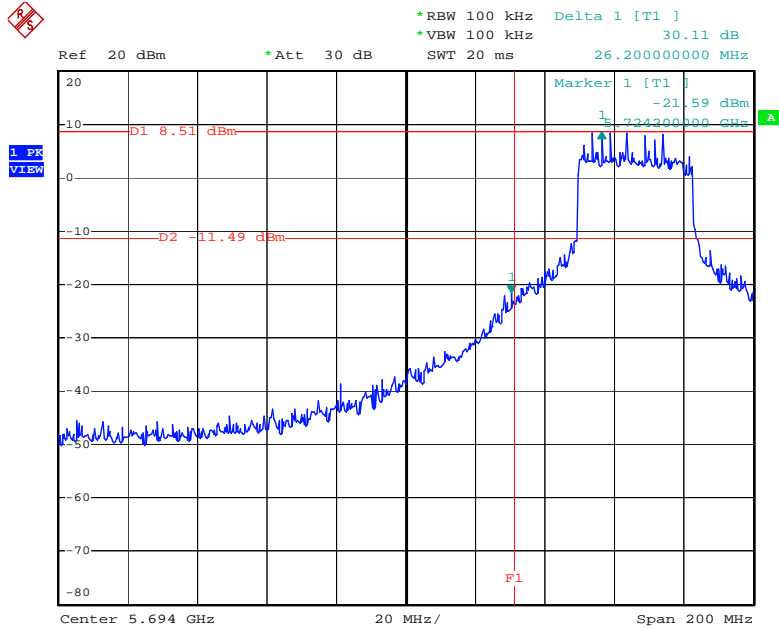
Date: 4.MAY.2006 23:09:27

### High Band Edge Plot on Configuration IEEE 802.11a / 5825 MHz



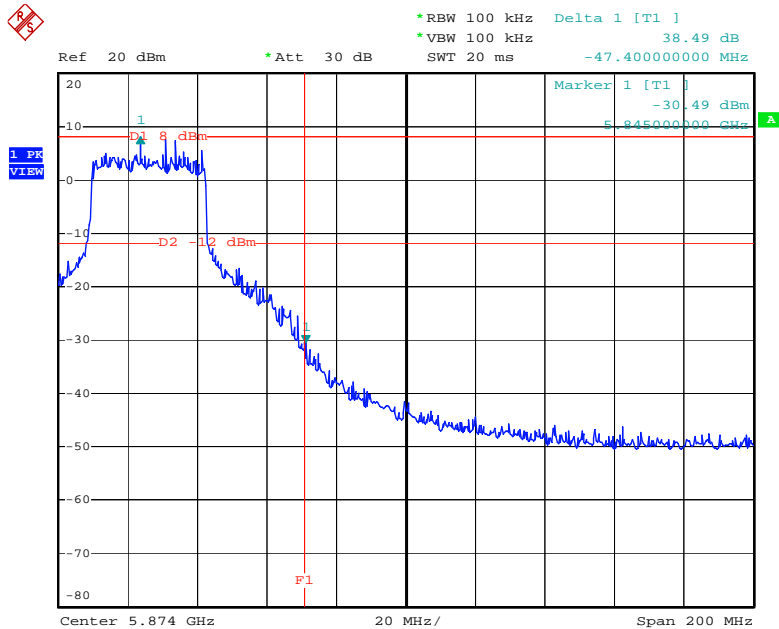
Date: 4.MAY.2006 22:51:48

### Low Band Edge Plot on Configuration IEEE 802.11a Turbo / 5760 MHz



Date: 4.MAY.2006 22:44:06

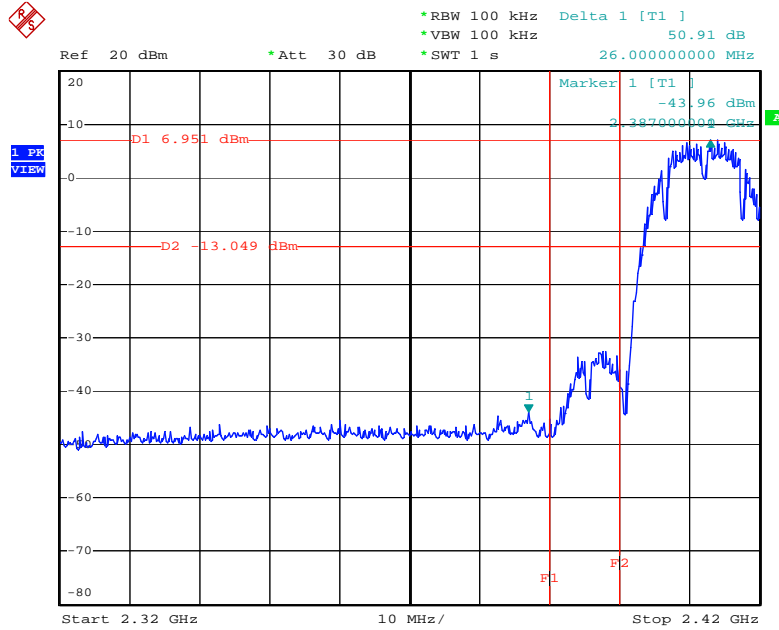
### High Band Edge Plot on Configuration IEEE 802.11a Turbo / 5800 MHz



Date: 4.MAY.2006 22:52:40

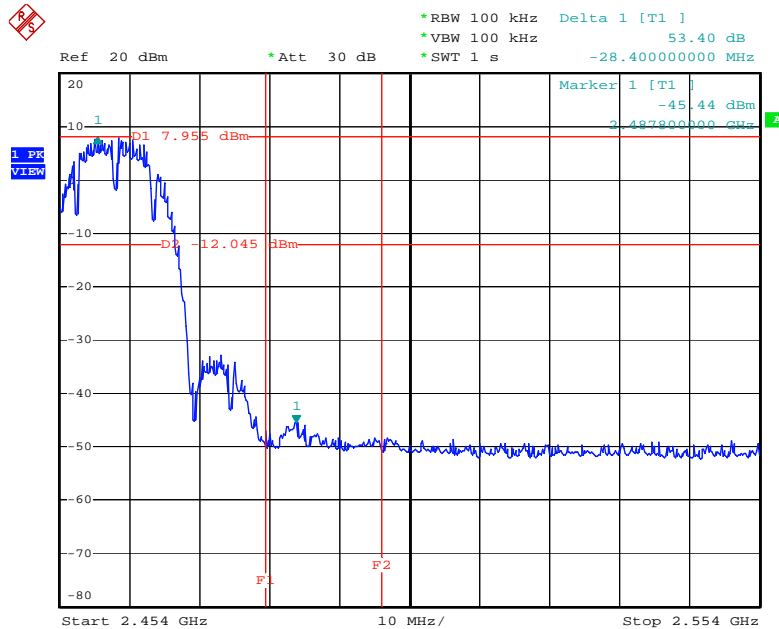
For Emission not in Restricted Band / Ant. 2

**Low Band Edge Plot on Configuration IEEE 802.11b / 2412 MHz**



Date: 5.MAY.2006 19:35:06

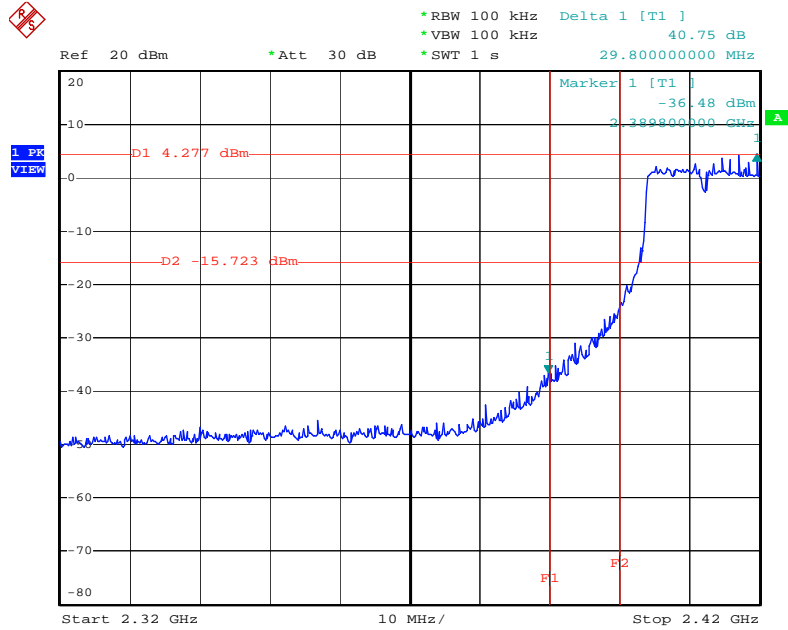
**High Band Edge Plot on Configuration IEEE 802.11b / 2462 MHz**



Date: 5.MAY.2006 19:36:18

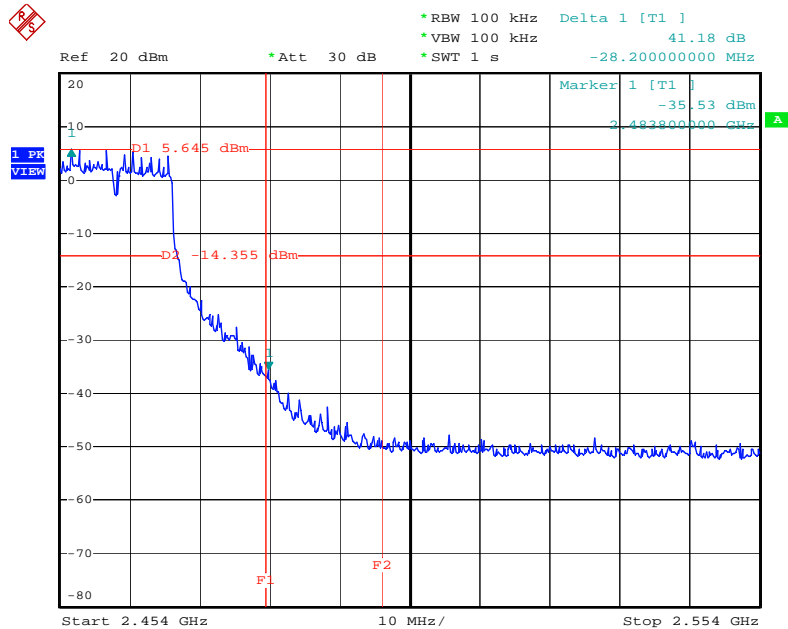


### Low Band Edge Plot on Configuration IEEE 802.11g / 2412 MHz



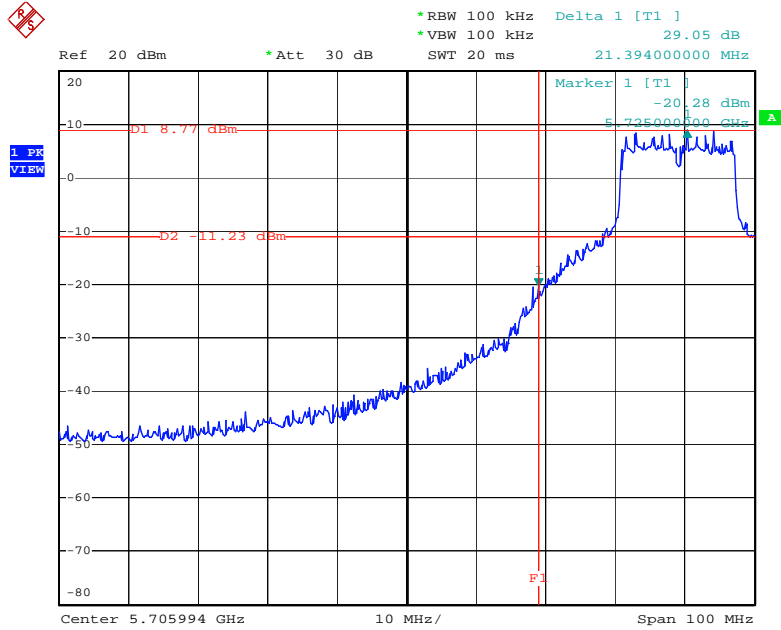
Date: 4.MAY.2006 09:19:23

### High Band Edge Plot on Configuration IEEE 802.11g / 2462 MHz



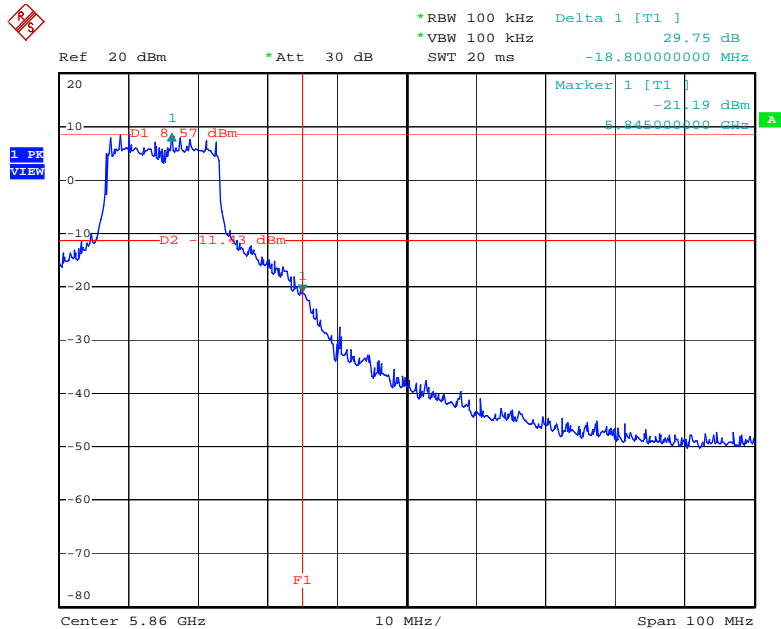
Date: 4.MAY.2006 09:20:50

### Low Band Edge Plot on Configuration IEEE 802.11a / 5745 MHz



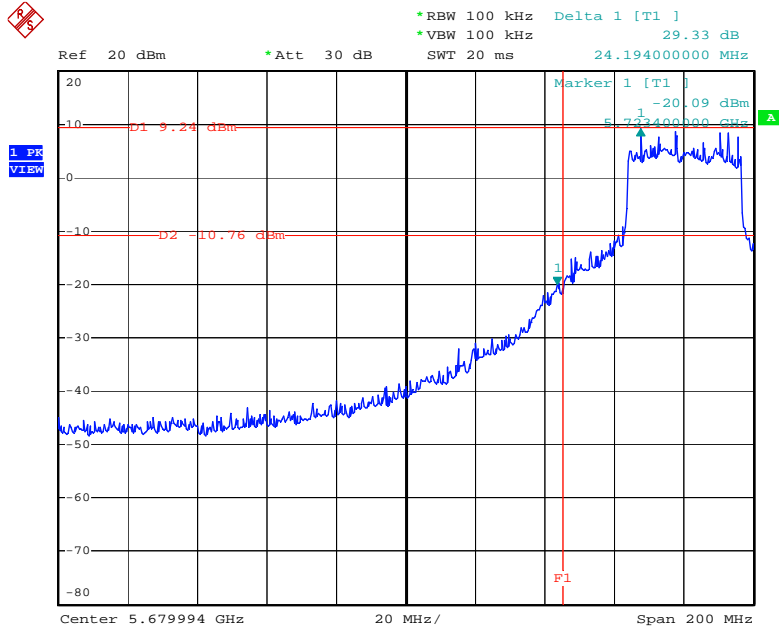
Date: 27.APR.2006 23:38:41

### High Band Edge Plot on Configuration IEEE 802.11a / 5825 MHz



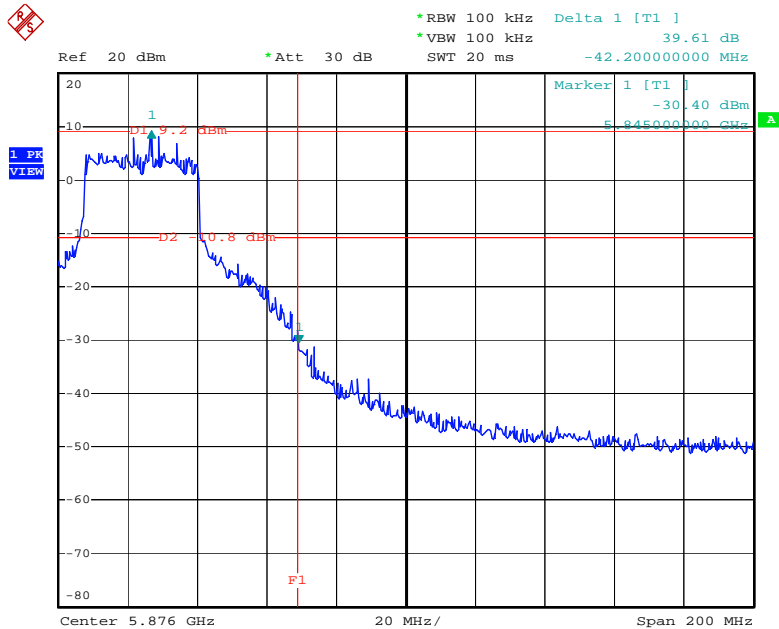
Date: 27.APR.2006 23:31:28

Low Band Edge Plot on Configuration IEEE 802.11a Turbo / 5760 MHz



Date: 27.APR.2006 23:28:48

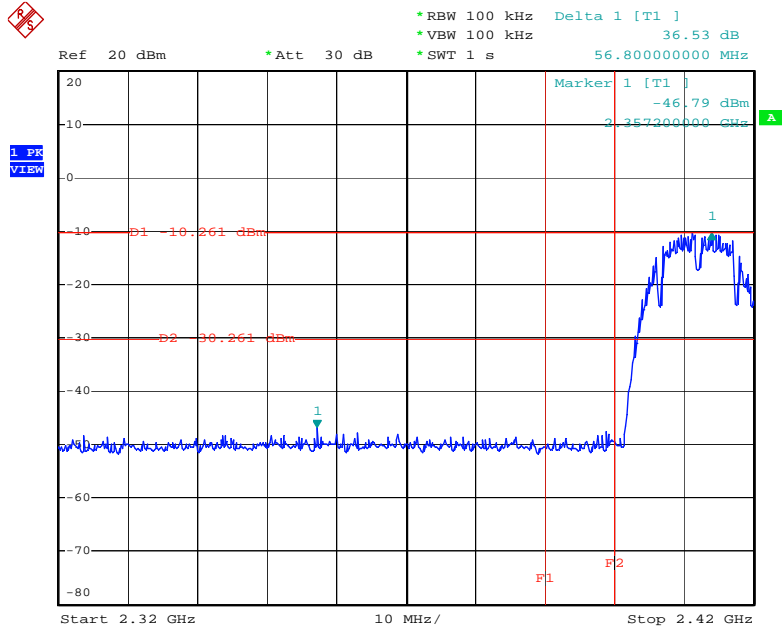
High Band Edge Plot on Configuration IEEE 802.11a Turbo / 5800 MHz



Date: 27.APR.2006 23:29:52

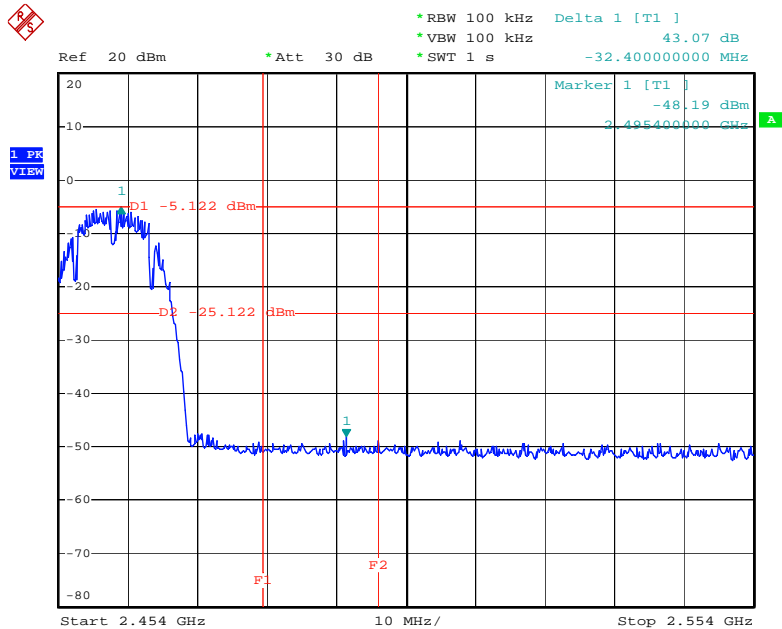
For Emission not in Restricted Band / Ant. 3

**Low Band Edge Plot on Configuration IEEE 802.11b / 2412 MHz**



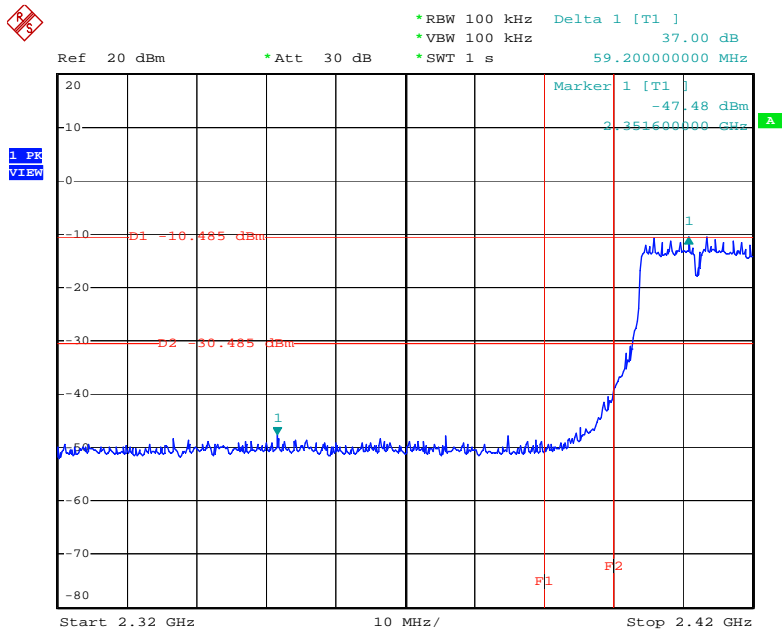
Date: 27.APR.2006 00:37:43

**High Band Edge Plot on Configuration IEEE 802.11b / 2462 MHz**



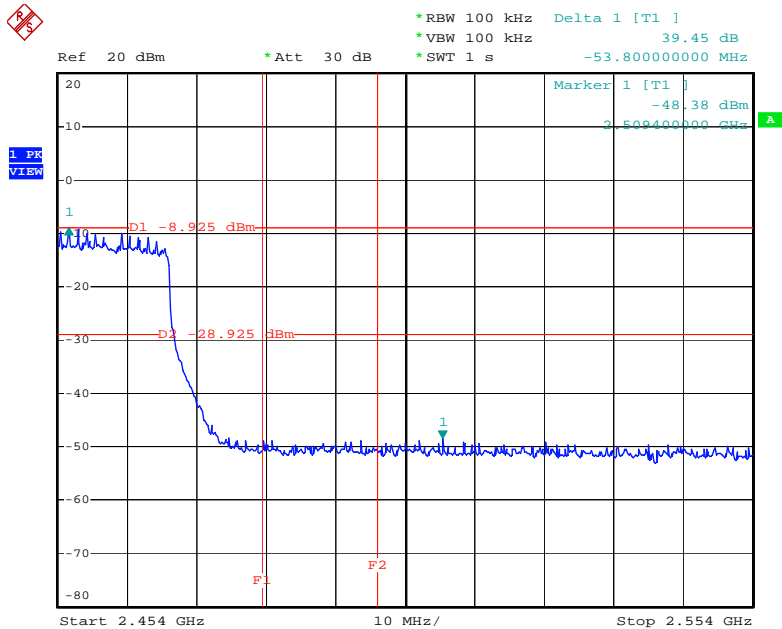
Date: 27.APR.2006 00:36:38

### Low Band Edge Plot on Configuration IEEE 802.11g / 2412 MHz



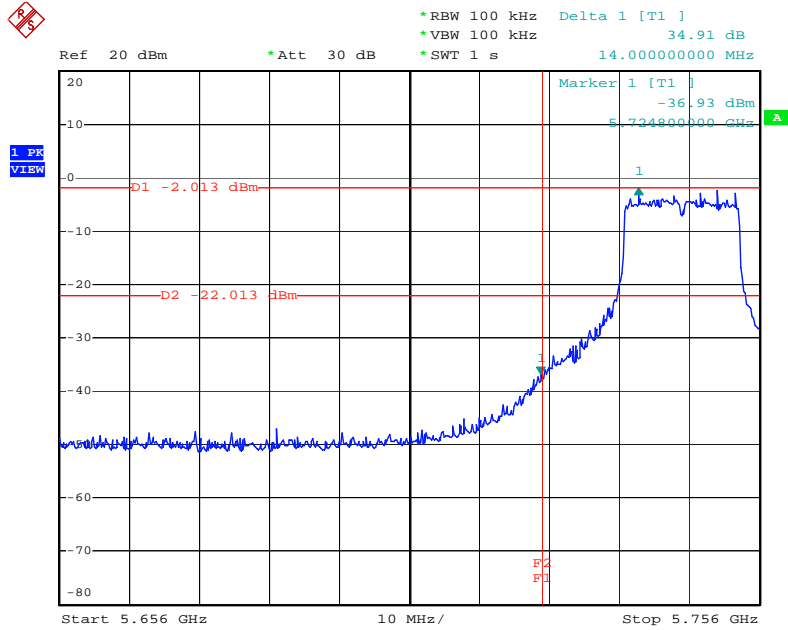
Date: 27.APR.2006 00:30:00

### High Band Edge Plot on Configuration IEEE 802.11g / 2462 MHz



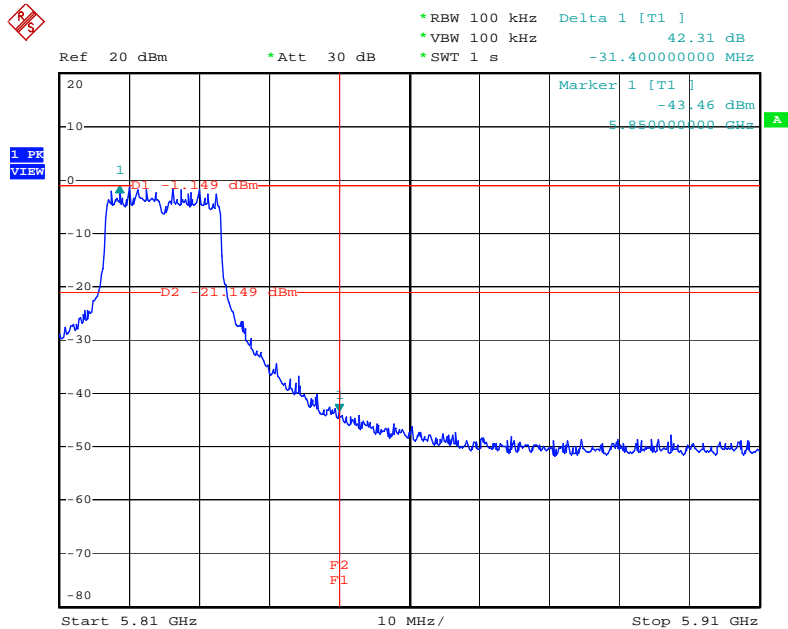
Date: 27.APR.2006 00:31:56

### Low Band Edge Plot on Configuration IEEE 802.11a / 5745 MHz



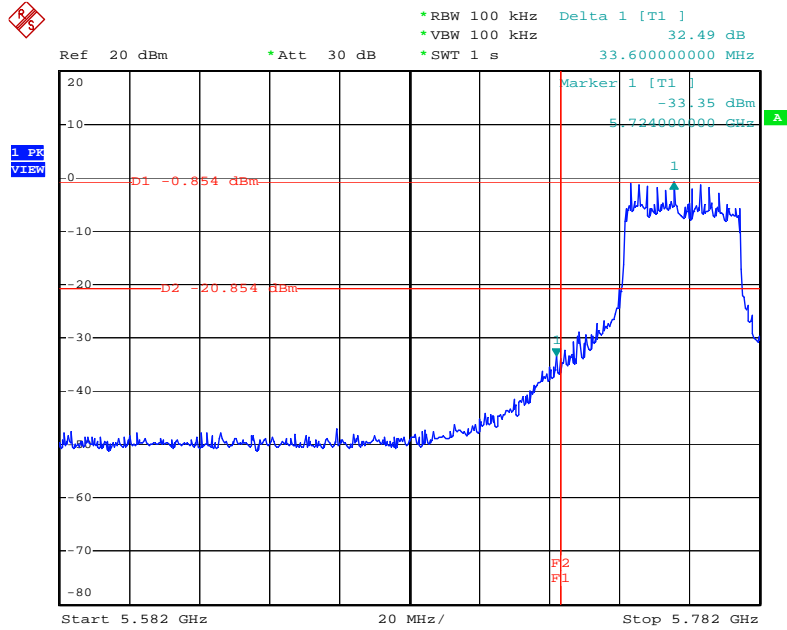
Date: 8.JUN.2006 19:37:23

### High Band Edge Plot on Configuration IEEE 802.11a / 5825 MHz



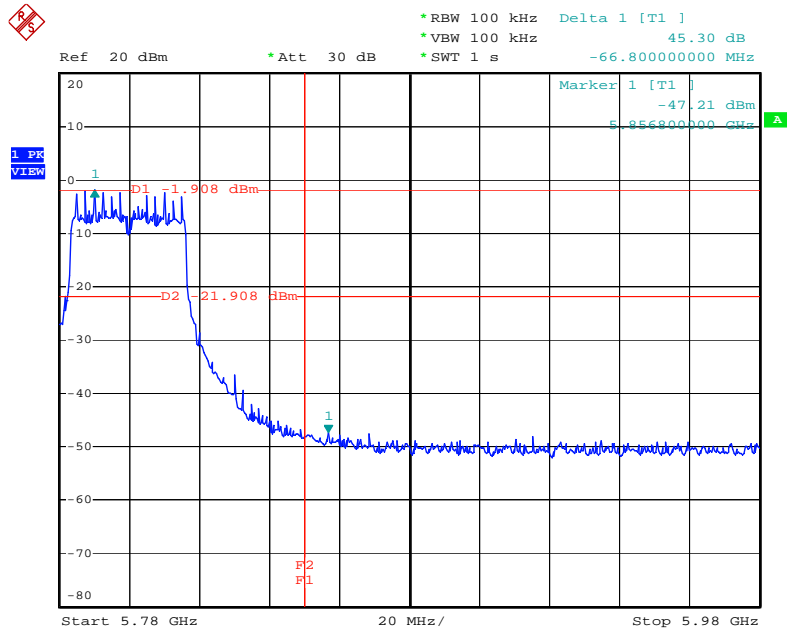
Date: 8.JUN.2006 19:38:26

### Low Band Edge Plot on Configuration IEEE 802.11a Turbo / 5760 MHz



Date: 8.JUN.2006 19:59:16

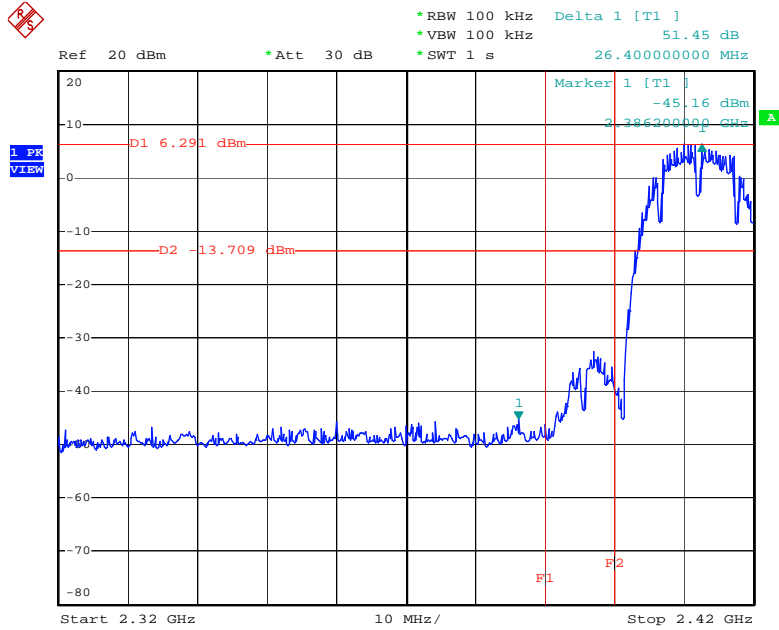
### High Band Edge Plot on Configuration IEEE 802.11a Turbo / 5800 MHz



Date: 8.JUN.2006 19:58:12

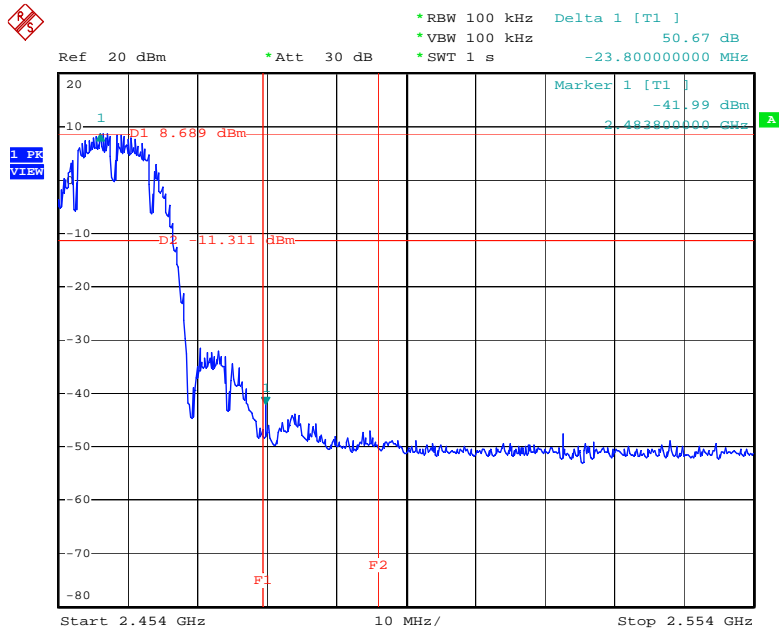
For Emission not in Restricted Band / Ant. 4

**Low Band Edge Plot on Configuration IEEE 802.11b / 2412 MHz**



Date: 27.APR.2006 00:50:27

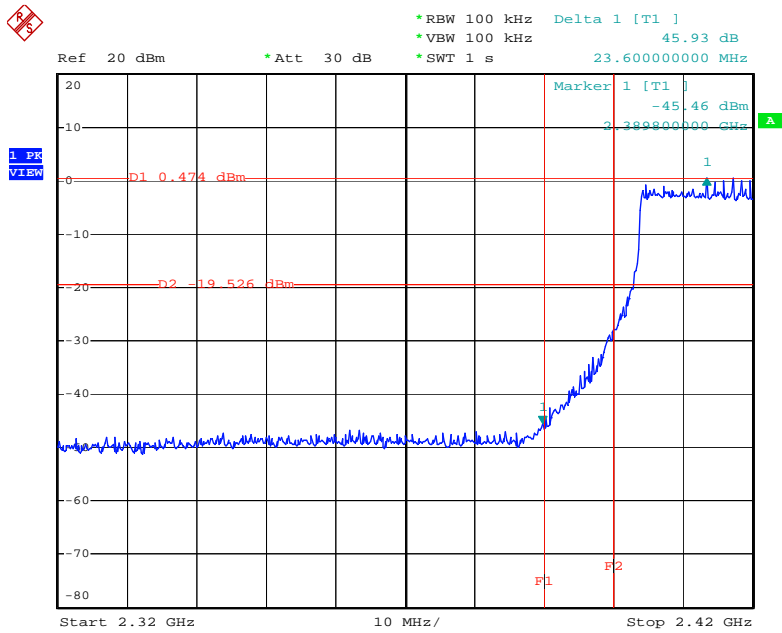
**High Band Edge Plot on Configuration IEEE 802.11b / 2462 MHz**



Date: 27.APR.2006 00:53:44

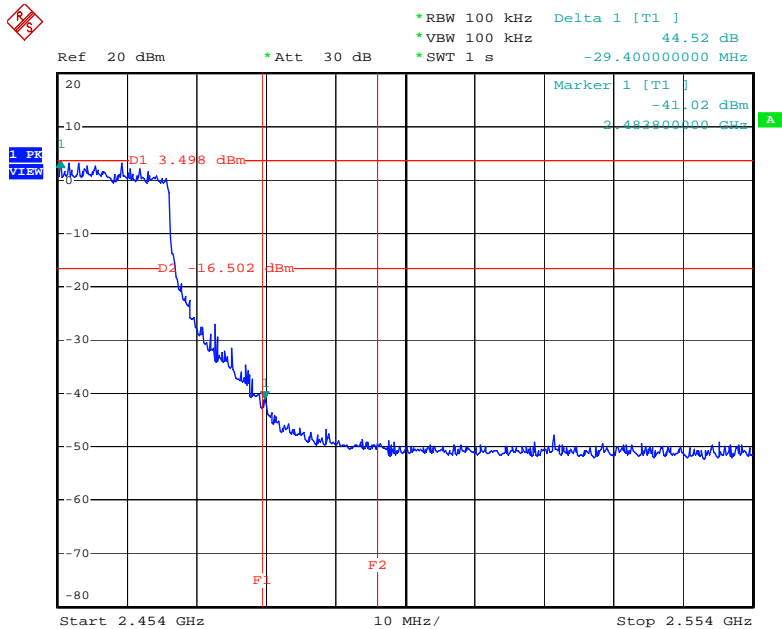


### Low Band Edge Plot on Configuration IEEE 802.11g / 2412 MHz



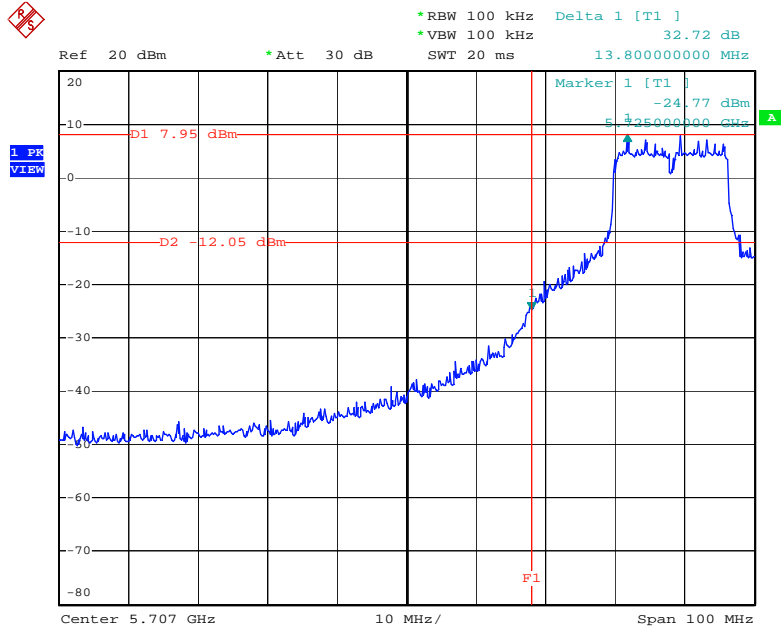
Date: 27.APR.2006 00:14:57

### High Band Edge Plot on Configuration IEEE 802.11g / 2462 MHz



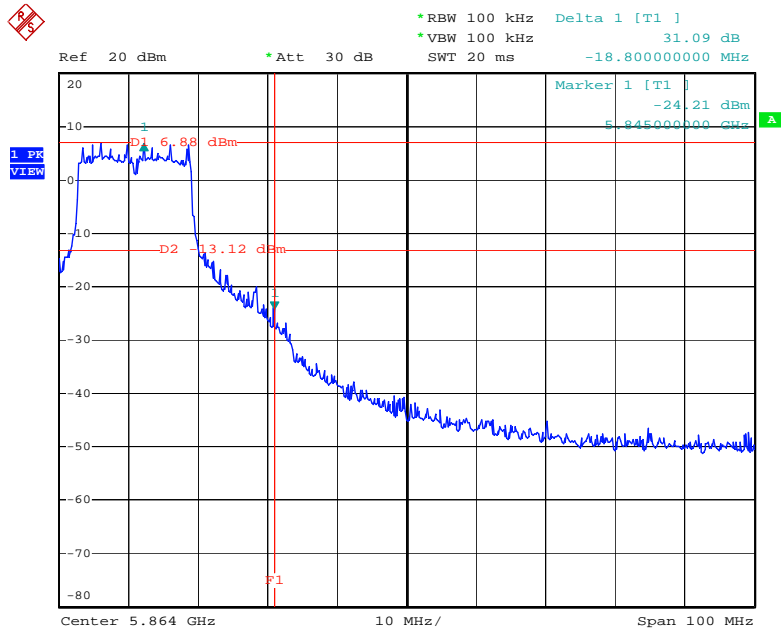
Date: 27.APR.2006 00:24:22

### Low Band Edge Plot on Configuration IEEE 802.11a / 5745 MHz



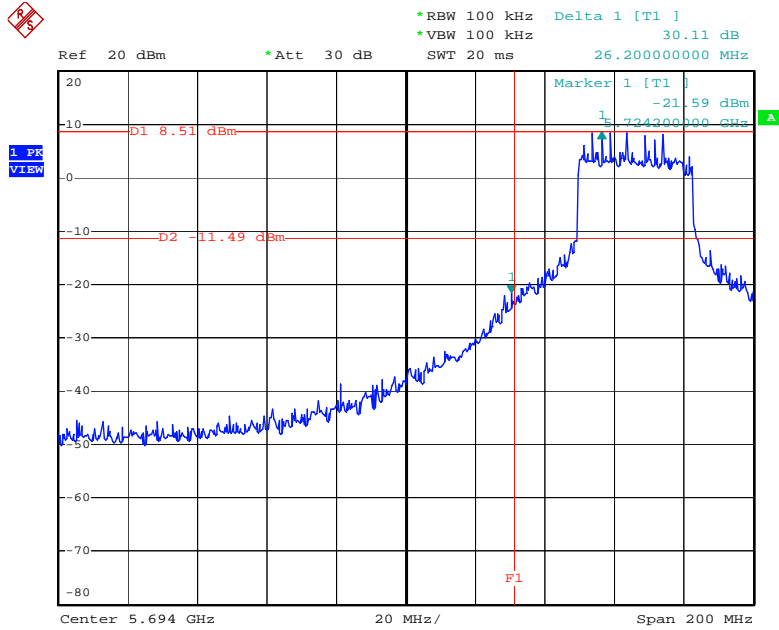
Date: 4.MAY.2006 23:09:27

### High Band Edge Plot on Configuration IEEE 802.11a / 5825 MHz



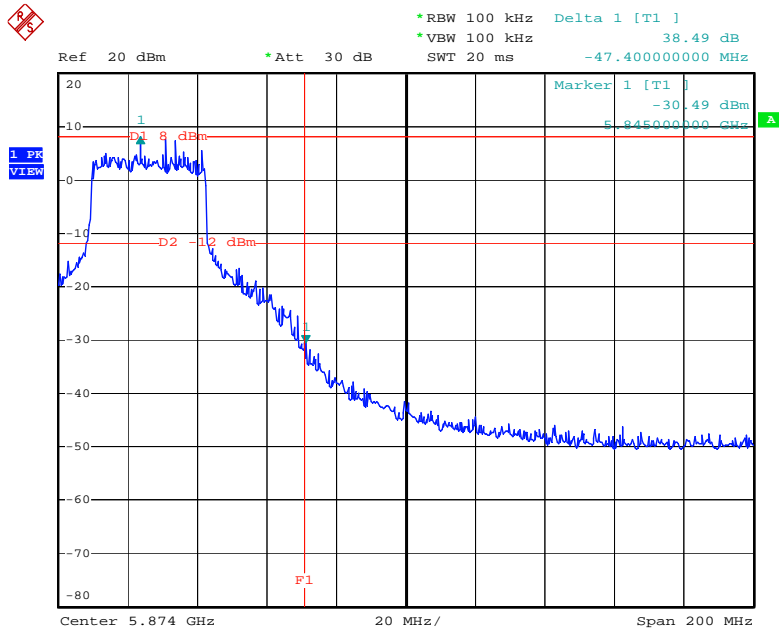
Date: 4.MAY.2006 22:51:48

### Low Band Edge Plot on Configuration IEEE 802.11a Turbo / 5760 MHz



Date: 4.MAY.2006 22:44:06

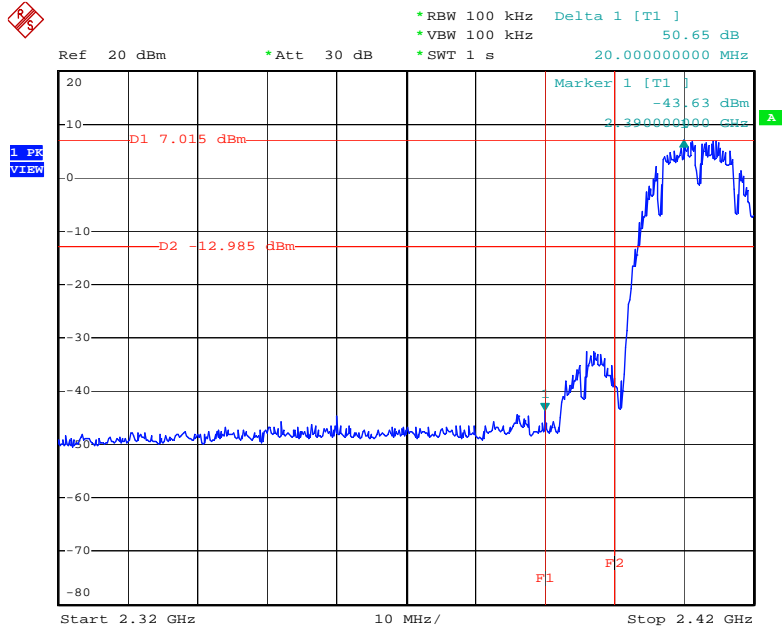
### High Band Edge Plot on Configuration IEEE 802.11a Turbo / 5800 MHz



Date: 4.MAY.2006 22:52:40

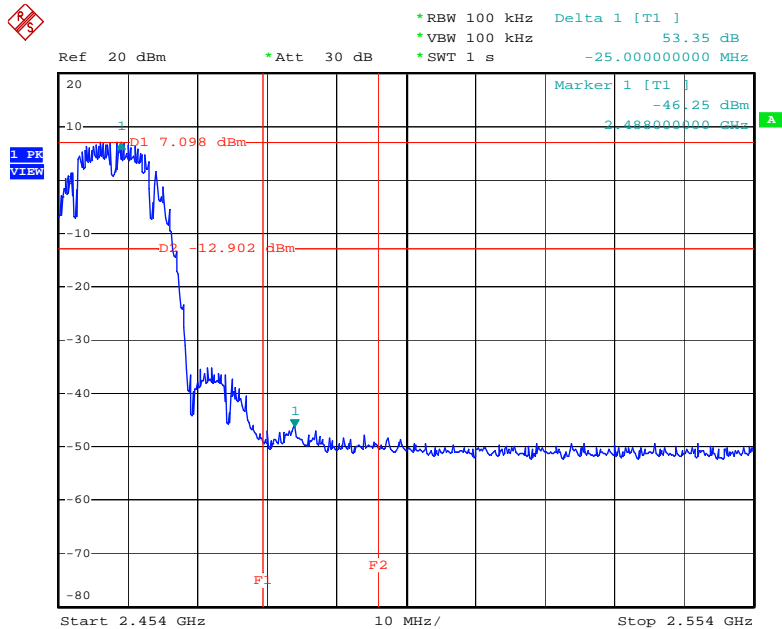
For Emission not in Restricted Band / Ant. 5

**Low Band Edge Plot on Configuration IEEE 802.11b / 2412 MHz**



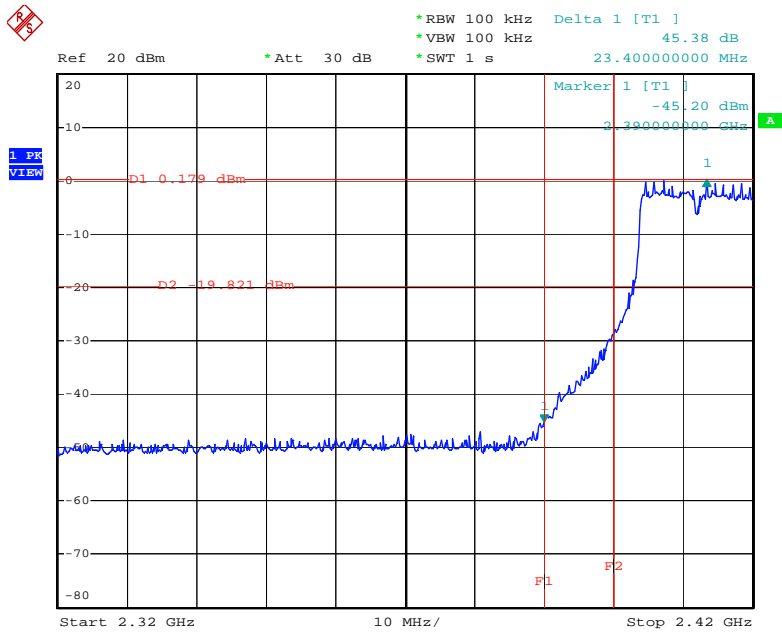
Date: 27.APR.2006 00:57:10

**High Band Edge Plot on Configuration IEEE 802.11b / 2462 MHz**



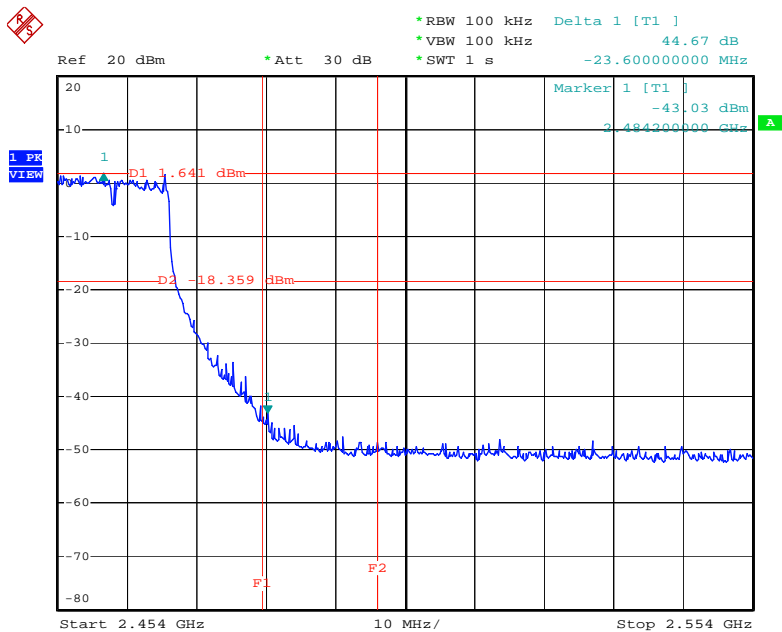
Date: 27.APR.2006 00:54:59

### Low Band Edge Plot on Configuration IEEE 802.11g / 2412 MHz



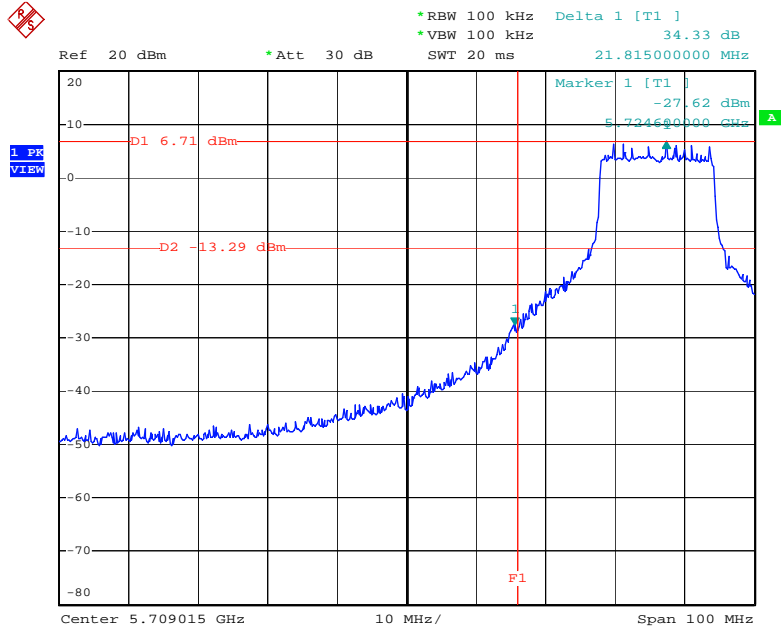
Date: 27.APR.2006 00:27:29

### High Band Edge Plot on Configuration IEEE 802.11g / 2462 MHz



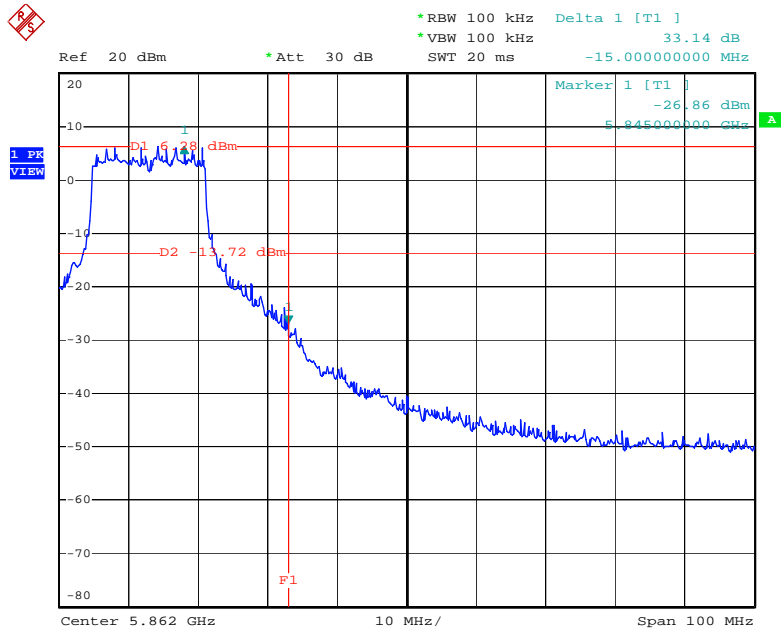
Date: 27.APR.2006 00:25:30

### Low Band Edge Plot on Configuration IEEE 802.11a / 5745 MHz



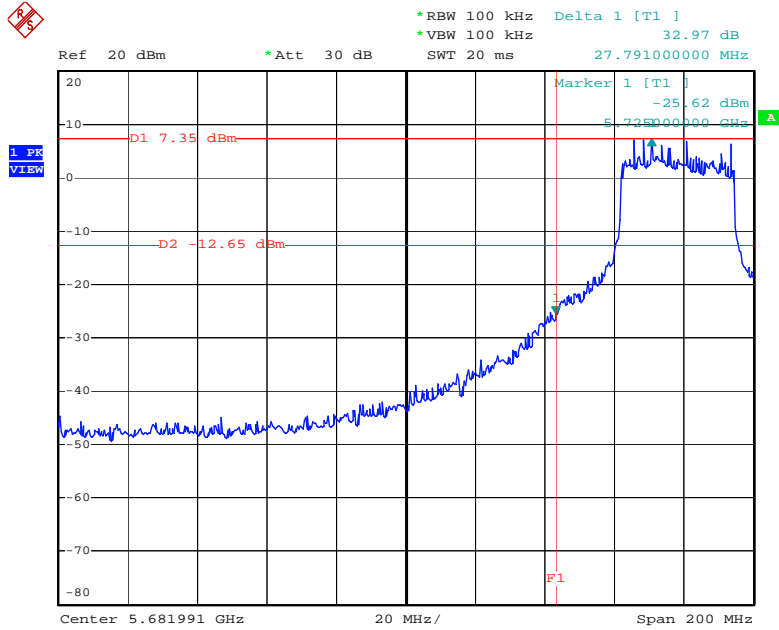
Date: 5.MAY.2006 18:45:08

### High Band Edge Plot on Configuration IEEE 802.11a / 5825 MHz



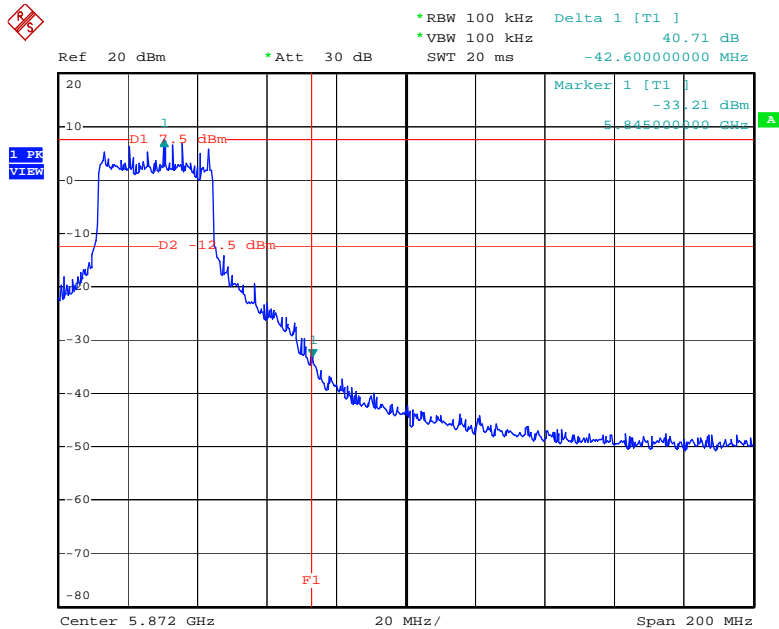
Date: 5.MAY.2006 18:48:09

### Low Band Edge Plot on Configuration IEEE 802.11a Turbo / 5760 MHz



Date: 5.MAY.2006 18:53:14

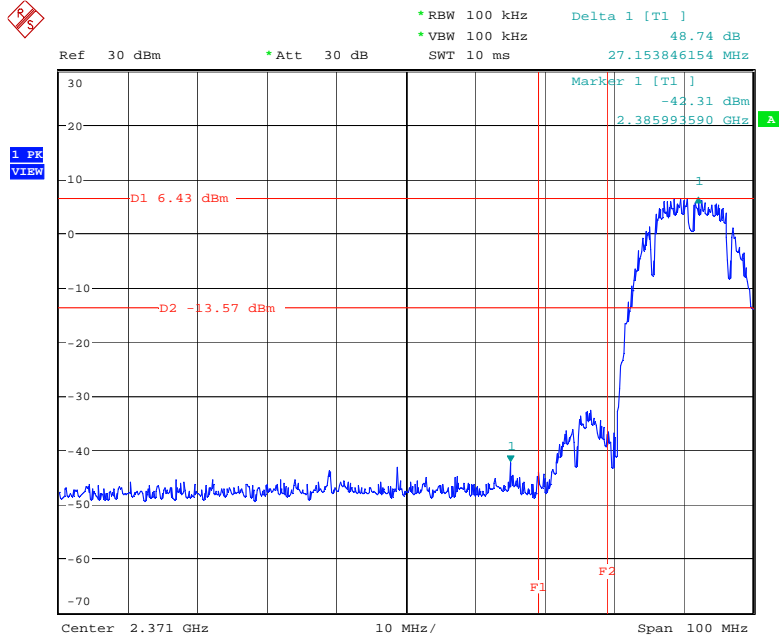
### High Band Edge Plot on Configuration IEEE 802.11a Turbo / 5800 MHz



Date: 5.MAY.2006 18:51:05

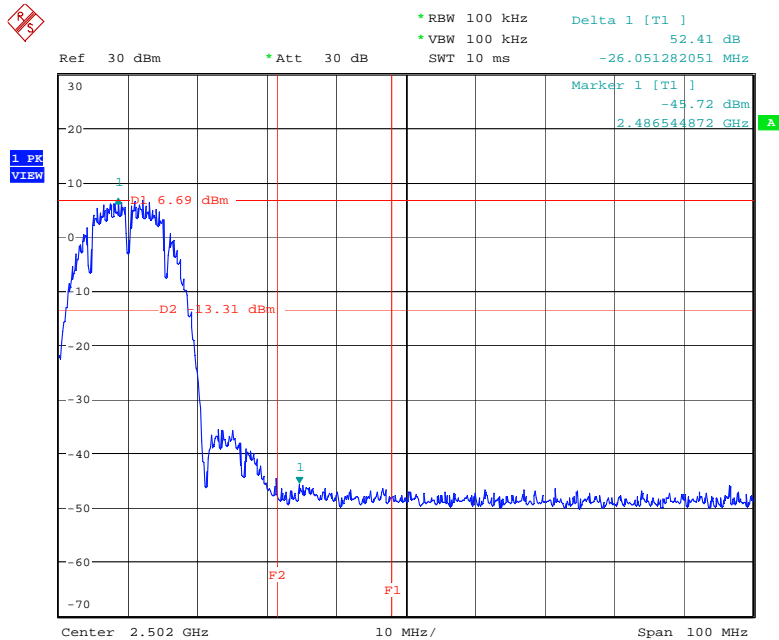
For Emission not in Restricted Band / Ant. 6

**Low Band Edge Plot on Configuration IEEE 802.11b / 2412 MHz**



Date: 8.MAY.2006 12:02:00

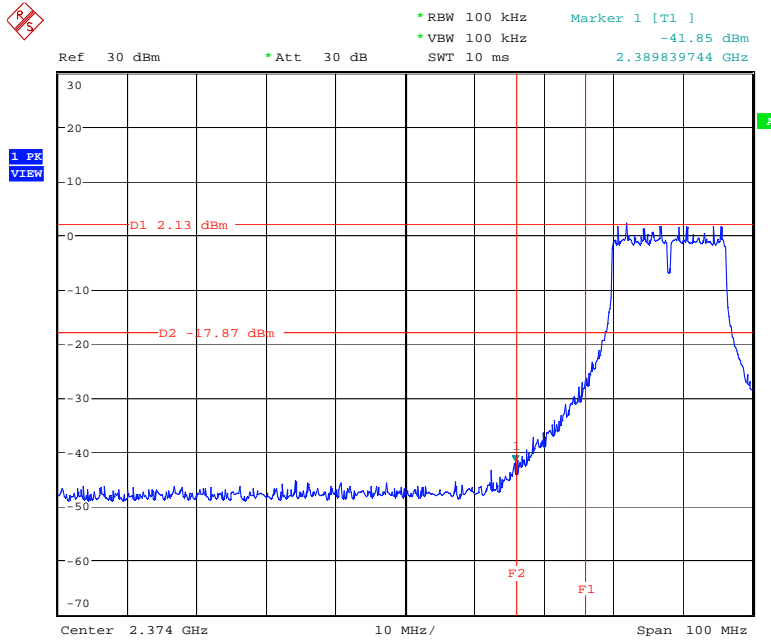
**High Band Edge Plot on Configuration IEEE 802.11b / 2462 MHz**



Date: 8.MAY.2006 12:19:26

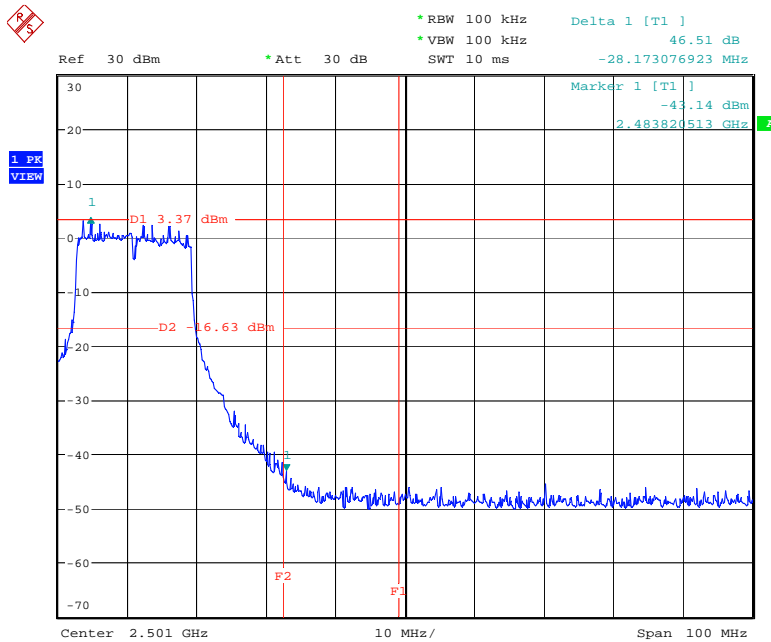


### Low Band Edge Plot on Configuration IEEE 802.11g / 2412 MHz



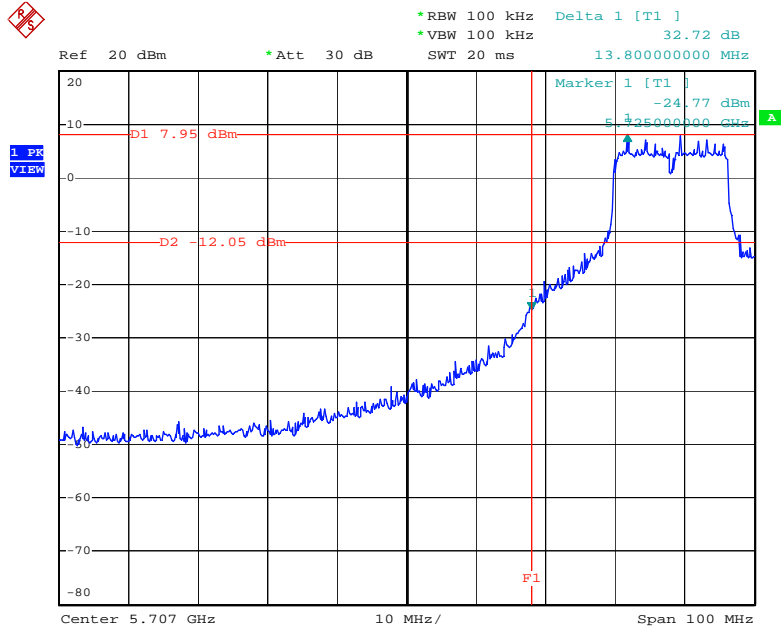
Date: 8.MAY.2006 12:32:52

### High Band Edge Plot on Configuration IEEE 802.11g / 2462 MHz



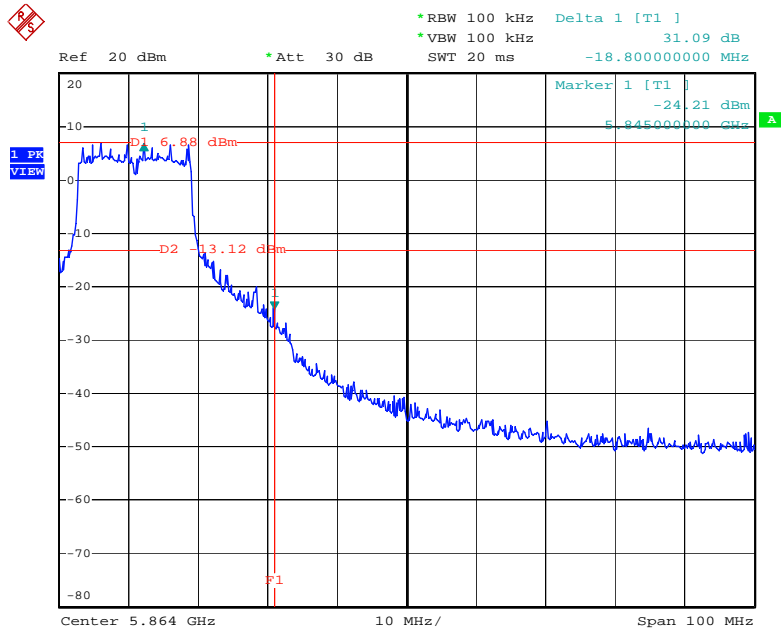
Date: 8.MAY.2006 12:39:26

### Low Band Edge Plot on Configuration IEEE 802.11a / 5745 MHz



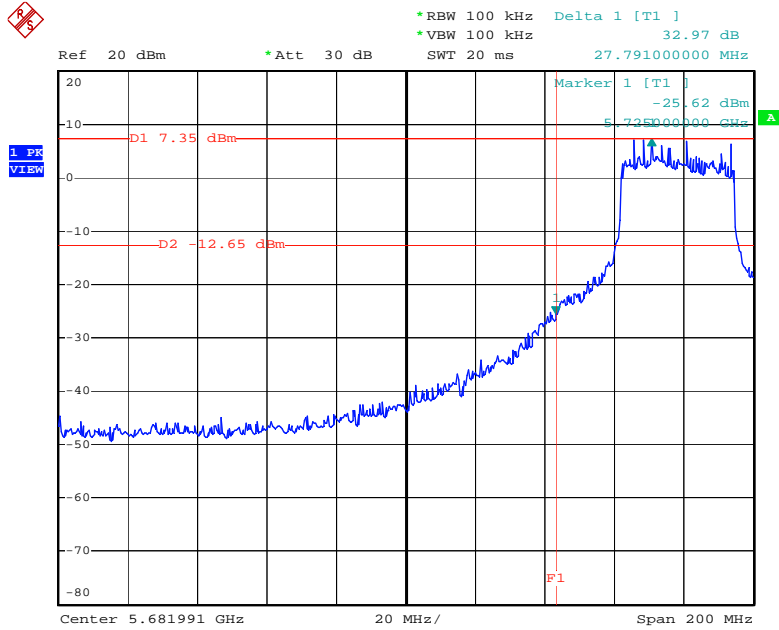
Date: 4.MAY.2006 23:09:27

### High Band Edge Plot on Configuration IEEE 802.11a / 5825 MHz



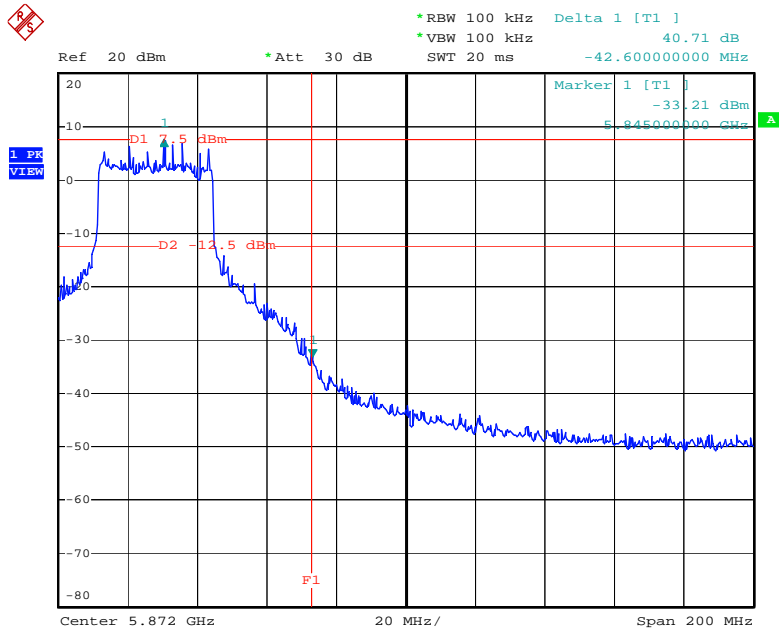
Date: 4.MAY.2006 22:51:48

### Low Band Edge Plot on Configuration IEEE 802.11a Turbo / 5760 MHz



Date: 5.MAY.2006 18:53:14

### High Band Edge Plot on Configuration IEEE 802.11a Turbo / 5800 MHz



Date: 5.MAY.2006 18:51:05

## 4.7. Antenna Requirements

### 4.7.1. Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

### 4.7.2. Antenna Connector Construction

Please refer to section 3.3 in this test report, all antenna connectors comply with the requirements.

## 5. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMC Receiver	R&S	ESCS 30	100174	9kHz – 2.75GHz	Feb. 22, 2006	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Dec. 19, 2005	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9708-1839	9kHz – 30MHz	Mar. 18, 2006	Conduction (CO04-HY)
RF Cable-CON	Suhner Switzerland	RG223/U	CB029	9kHz – 30MHz	Dec. 22, 2005	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	Conduction (CO04-HY)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz - 1 GHz 3m	Jun. 16, 2005	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	CPA9231A	3565	9 kHz - 2 GHz	Jan. 18, 2006	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	May 31, 2005	Radiation (03CH03-HY)
Amplifier	MITEQ	AMF-6F-260400	923364	26.5 GHz - 40 GHz	Jan. 24, 2006*	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP40	100004/040	9 kHz - 40 GHz	Sep. 30, 2005	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	May 24, 2004*	Radiation (03CH03-HY)
Biconical Antenna	SCHWARZBECK	VHBB 9124	301	30 MHz - 200 MHz	Jul. 22, 2005	Radiation (03CH03-HY)
Log Antenna	SCHWARZBECK	VUSLP 9111	221	200 MHz - 1 GHz	Jul. 22, 2005	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6903	1GHz ~ 18GHz	Mar. 15, 2006	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jun. 09, 2004*	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec.02, 2005	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec.02, 2005	Radiation (03CH03-HY)
Turn Table	HD	DS 420	420/650/00	0 - 360 degree	N/A	Radiation (03CH03-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)
Spectrum analyzer	R&S	FSP30	100023	9kHz ~ 30GHz	Nov. 26, 2005	Conducted (TH01-HY)
Power meter	R&S	NRVS	100444	DC ~ 40GHz	Jul. 06, 2005	Conducted (TH01-HY)
Power sensor	R&S	NRV-Z55	100049	DC ~ 40GHz	Jul. 06, 2005	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z32	100057	30MHz ~ 6GHz	Apr. 27, 2006	Conducted (TH01-HY)
AC power source	HPC	HPA-500W	HPA-9100024	AC 0 ~ 300V	Apr. 21, 2005*	Conducted (TH01-HY)
DC power source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Dec. 28, 2005	Conducted (TH01-HY)
Temp. and Humidity Chamber	KSON	THS-C3L	612	N/A	Oct. 01, 2005	Conducted (TH01-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz ~ 7GHz	Dec. 30, 2005	Conducted (TH01-HY)
RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz ~ 1GHz	Dec. 30, 2005	Conducted (TH01-HY)
Oscilloscope	Tektronix	TDS1012	CO38515	100MHz / 1GS/s	Apr. 15, 2005*	Conducted (TH01-HY)
Signal Generator	R&S	SMR40	100116	10MHz ~ 40GHz	Dec. 30, 2005	Conducted (TH01-HY)
Data Generator	Tektronix	DG2030	063-2920-50	0.1Hz~400MHz	Jun. 01, 2006	Conducted (TH01-HY)

Note: Calibration Interval of instruments listed above is one year.

Note: \* Calibration Interval of instruments listed above is two year.

## 6. SPORTON COMPANY PROFILE

SPORTON Lab. was established in 1986 with one shielded room: the first private EMI test facility, offering local manufacturers an alternative EMI test facility apart from ERSO. In 1988, one 3M and 10M/3M open area test site were setup and also obtained official accreditation from FCC, VCCI and NEMKO. In 1993, a Safety laboratory was founded and obtained accreditation from UL of USA, CSA of Canada and TUV (Rhineland & PS) of Germany. In 1995, one EMC lab, including EMI and EMS test facilities was setup. In 1997, SPORTON Group has provided financial expense to relocate the headquarter to Orient Scientific Park in Taipei Hsien to offer more comprehensive, more qualified and better service to local suppliers and manufactures. In 1999, Safety Group and Component Group were setup. In 2001, SPORTON has established 3M/10M chamber in Hwa Ya Technology Park.

### 6.1. Test Location

SHIJR	ADD : 6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C. TEL : 02-2696-2468 FAX : 02-2696-2255
HWA YA	ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL : 03-327-3456 FAX : 03-318-0055
LINKOU	ADD : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C TEL : 02-2601-1640 FAX : 02-2601-1695
DUNGHU	ADD : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C. TEL : 02-2631-4739 FAX : 02-2631-9740
JUNGHE	ADD : 7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C. TEL : 02-8227-2020 FAX : 02-8227-2626
NEIHU	ADD : 4Fl., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C. TEL : 02-2794-8886 FAX : 02-2794-9777
JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, Hsinchu County 302, Taiwan, R.O.C. TEL : 03-656-9065 FAX : 03-656-9085