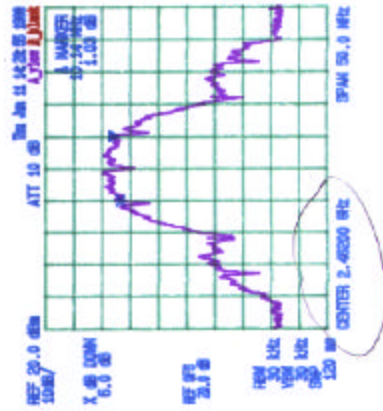
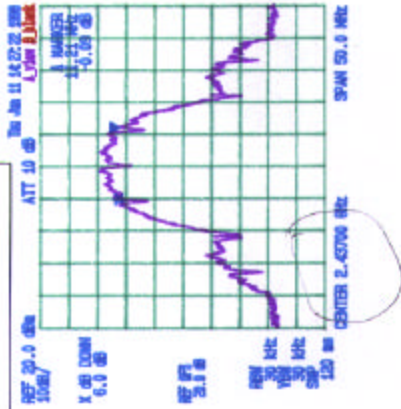
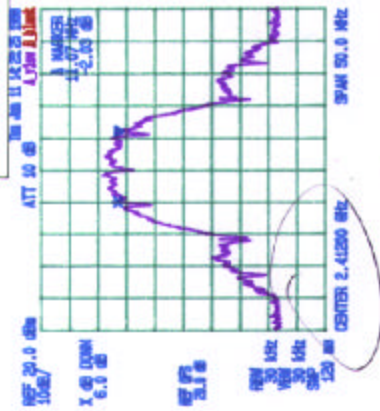




**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 1.2.1.1.1, Frequency: \_\_\_\_\_, RF Output Power: \_\_\_\_\_ mW  
Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
or 11 Mcps/s.

Date: June 11/98  
Tested by: Tri Lau



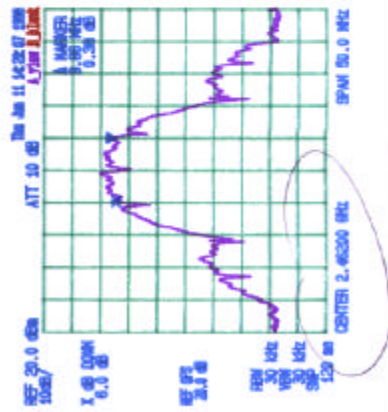
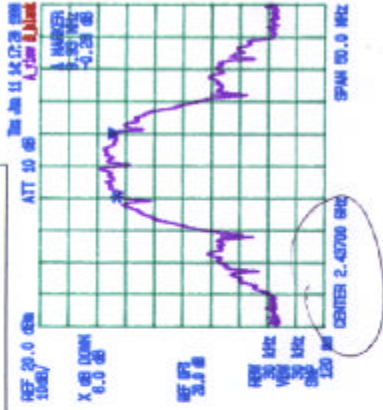
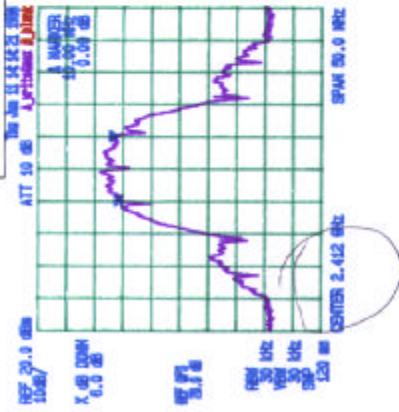
Plot # 1



**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 1, 2, 1, 1, Frequency: \_\_\_\_\_, RF Output Power: \_\_\_\_\_ mW  
 Modulation: DSSS, BPSK Modulation with random data at the rate of 1 Mb/s  
 or 5.5 Mchips/s.

Date: June 11/98  
 Tested by: Tri Lam



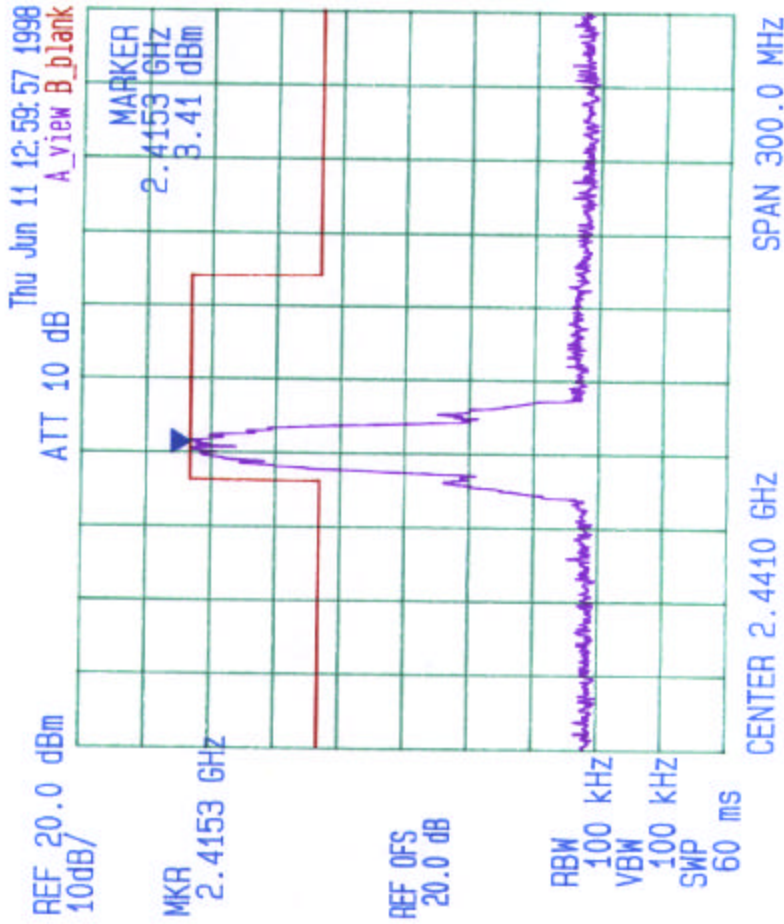
Plot # 2



**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 7 Frequency: 2.412.4472, RF Output Power: 5.3 mW  
Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
or 11 Mcbps/s.

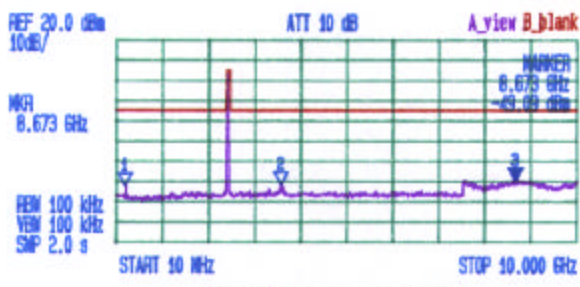
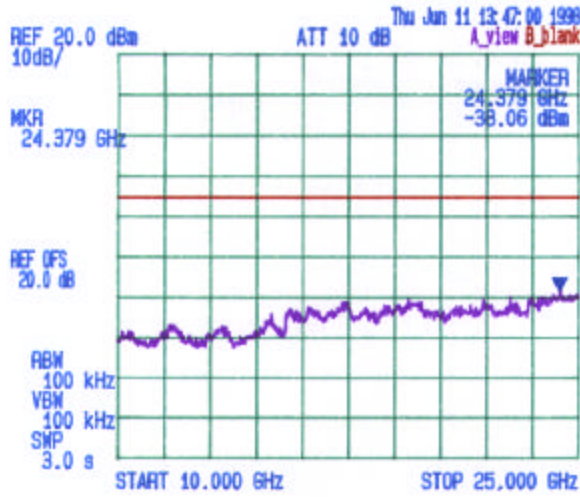
Date: June 11 1998  
Tested by: Tin Lue



Plot # 3

Date: June 11/98  
 Tested by: Tri Lau

**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**  
 Channel No.: 1, Frequency: 2412.4443, RF Output Power: 53 mW  
 Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
 or 11 Mcbps/s.



\*\*\* Multi Marker List \*\*\*

| No. | Freq      | Level  | Unit  |
|-----|-----------|--------|-------|
| 1   | 196 MHz   | -51.78 | dBm A |
| 2   | 3.578 GHz | -51.25 | dBm A |
| 3   | 8.673 GHz | -49.09 | dBm A |

Plot #4

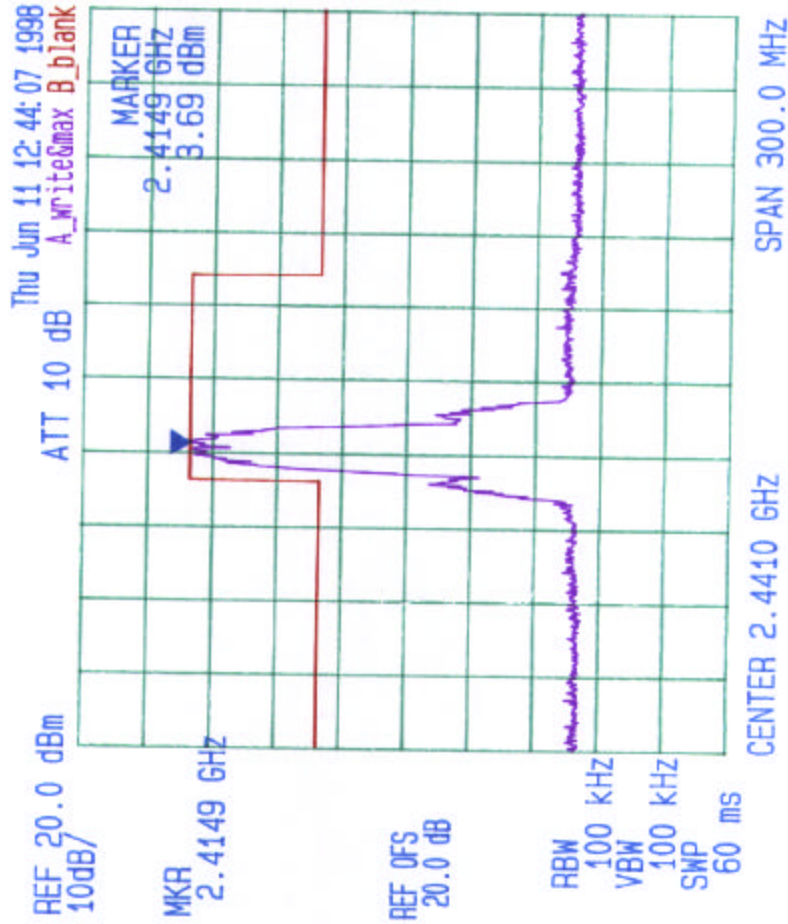


**LEICHU ENTERPRISE CO., LTD.**

**AlphaLAN-2000**

Channel No.: / , Frequency: ~~2.413.444~~ RF Output Power: 57 mW  
Modulation: DSSS, BPSK Modulation with random data at the rate of 1 Mb/s  
or 5.5 Mcbps/s.

Date: June 11/98  
Tested by: Tin Lam

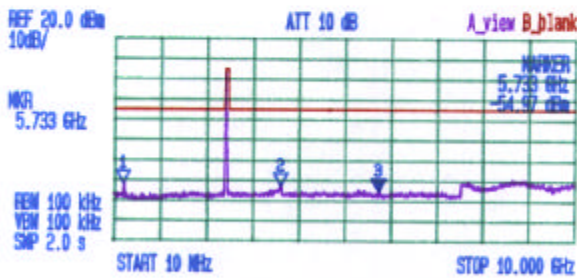
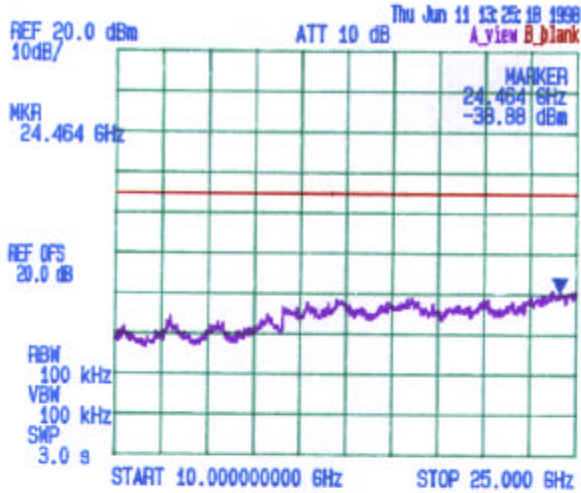


Plot # 5

Date: June 11/98  
 Tested by: Tri Lau

**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 1, Frequency: 24.464 GHz, RF Output Power: 5.3 mW  
 Modulation: DSSS, BPSK Modulation with random data at the rate of 1 Mb/s  
 or 5.5 Mcps/s.



\*\*\* Multi Marker List \*\*\*

| No.    | Freq      | Power      | Label |
|--------|-----------|------------|-------|
| No. 1: | 196 MHz   | -51.41 dBm | A     |
| No. 2: | 3.606 GHz | -52.47 dBm | A     |
| No. 3: | 5.733 GHz | -54.97 dBm | A     |
| No. 4: |           |            |       |
| No. 5: |           |            |       |
| No. 6: |           |            |       |
| No. 7: |           |            |       |
| No. 8: |           |            |       |
| A:     |           |            |       |

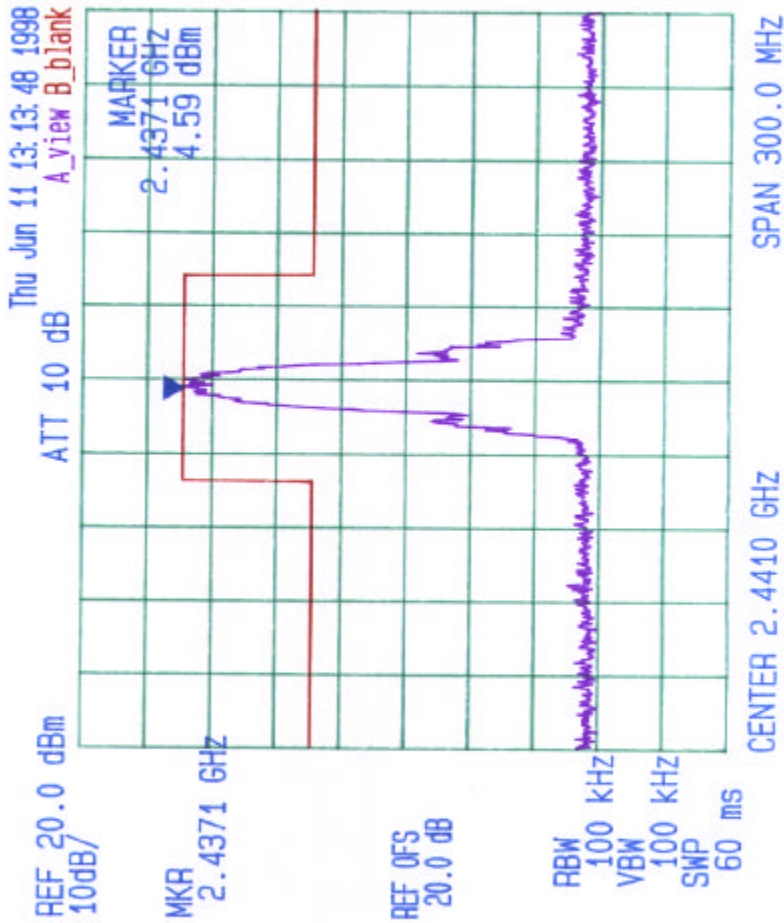
Plot # 6



**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 6, Frequency: 2.4371 GHz, RF Output Power: 4.53 mW  
Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
or 11 Mcbps.

Date: June 11/98  
Tested by: Jn Liu



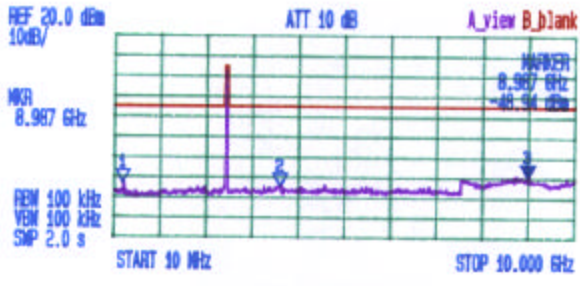
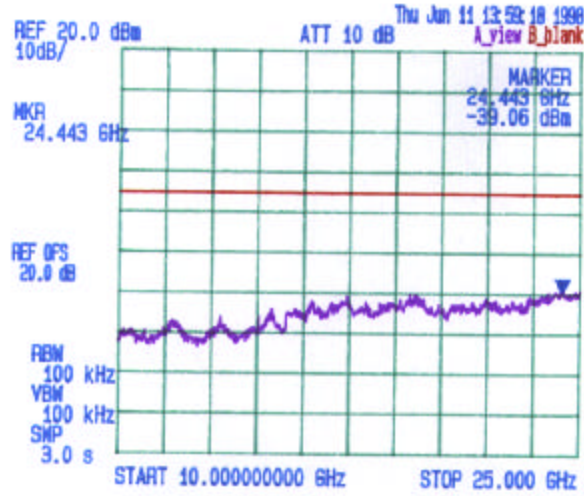
Plot # 7



**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 4, Frequency: 24.443 GHz, RF Output Power: 16.3 mW  
 Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
 or 11 Mcbps/s.

Date: June 11, 1998  
 Tested by: Tri Lau



\*\*\* Multi Marker List \*\*\*

|        |           |            |   |
|--------|-----------|------------|---|
| No. 1: | 196 MHz   | -52.13 dBm | A |
| No. 2: | 3.606 GHz | -53.78 dBm | A |
| No. 3: | 8.987 GHz | -48.94 dBm | A |
| No. 4: |           |            |   |
| No. 5: |           |            |   |
| No. 6: |           |            |   |
| No. 7: |           |            |   |
| No. 8: |           |            |   |
| A:     |           |            |   |

Plot # 8

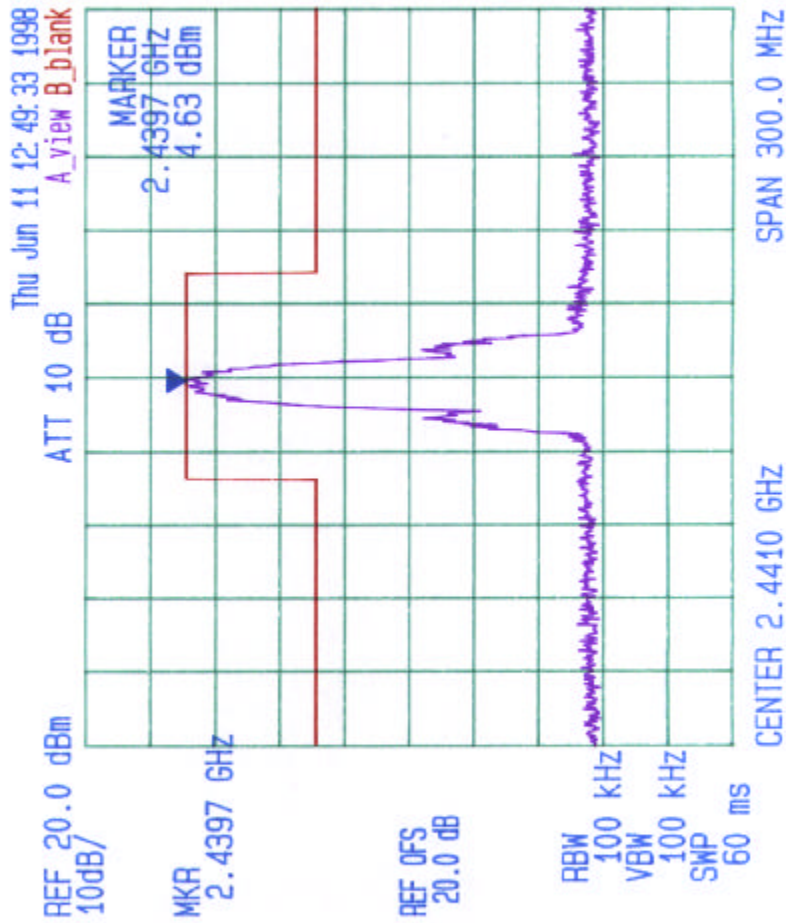




LEICHU ENTERPRISE CO., LTD.  
AlphaLAN-2000

Channel No.: 6, Frequency: 2.437 GHz, RF Output Power: 4.63 mW  
Modulation: DSSS, BPSK Modulation with random data at the rate of 1 Mb/s  
or 5.5 Mcchips/s.

Date: June 11/98  
Tested by: Tri Lau

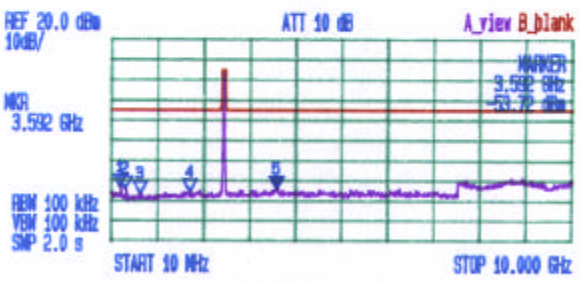
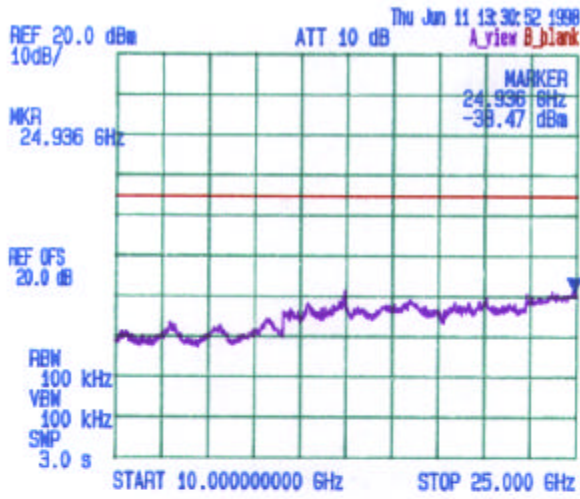


Plot # 9

Date: June 11'98  
 Tested by: Tin Lau

**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 6 Frequency: 2437 MHz, RF Output Power: 16.3 mW  
 Modulation: DSSS, BPSK Modulation with random data at the rate of 1 Mb/s  
 or 5.5 Mcbps/s.



\*\*\* Multi Marker List \*\*\*

| No.    | Freq      | Power      | Label |
|--------|-----------|------------|-------|
| No. 1: | 196 MHz   | -52.88 dBm | A     |
| No. 2: | 310 MHz   | -52.69 dBm | A     |
| No. 3: | 638 MHz   | -56.09 dBm | A     |
| No. 4: | 1.708 GHz | -55.25 dBm | A     |
| No. 5: | 3.592 GHz | -53.72 dBm | A     |

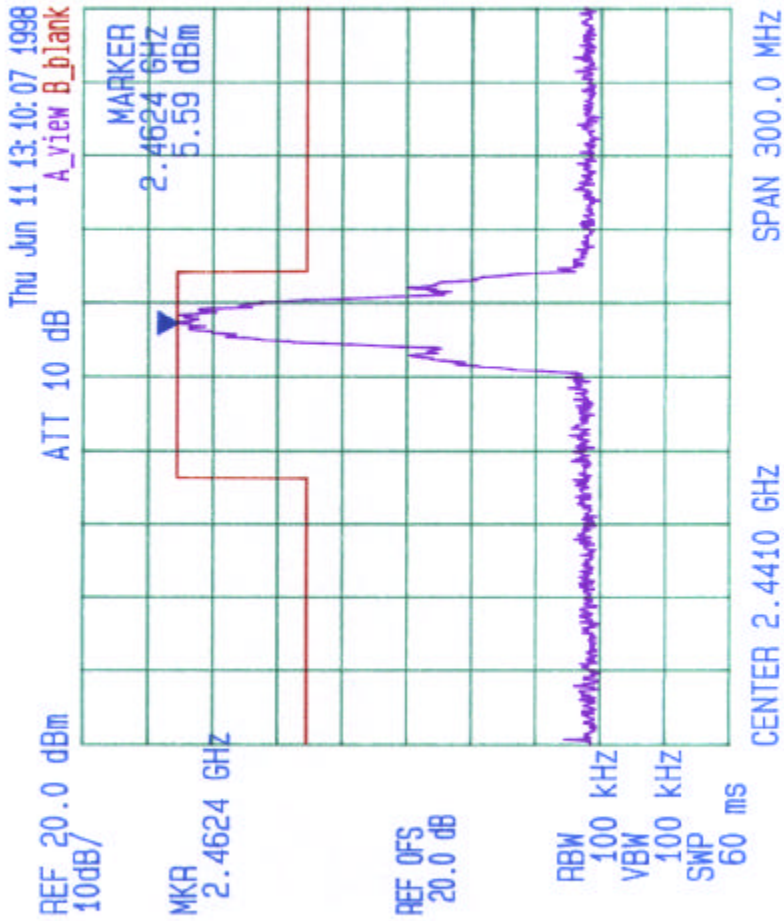
Plot # 10



**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 11, Frequency: 2462.4MHz, RF Output Power: 23.3 mW  
Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
or 11 Mcbps/s.

Date: June 11/98  
Tested by: Tri Liu



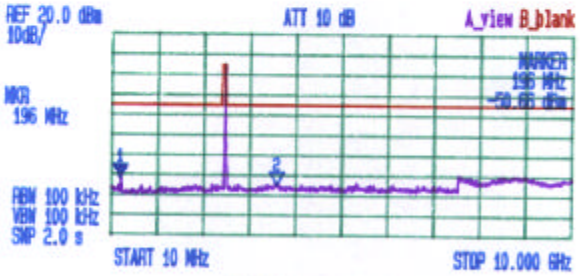
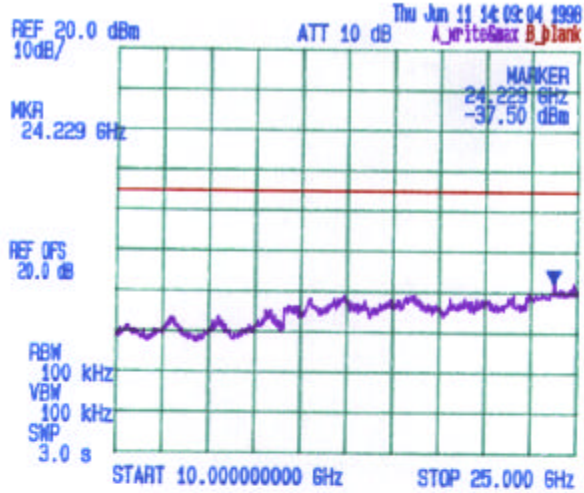
Plot # 11



**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 11, Frequency: 24.229 GHz, RF Output Power: 22.7 mW  
 Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
 or 11 Mcps/s.

Date: June 11/98  
 Tested by: Tri Lam



\*\*\* Multi Marker List \*\*\*

| No. | Freq      | Power      | Label |
|-----|-----------|------------|-------|
| 1   | 196 MHz   | -50.66 dBm | A     |
| 2   | 3.592 GHz | -54.22 dBm | A     |

Plot # 12

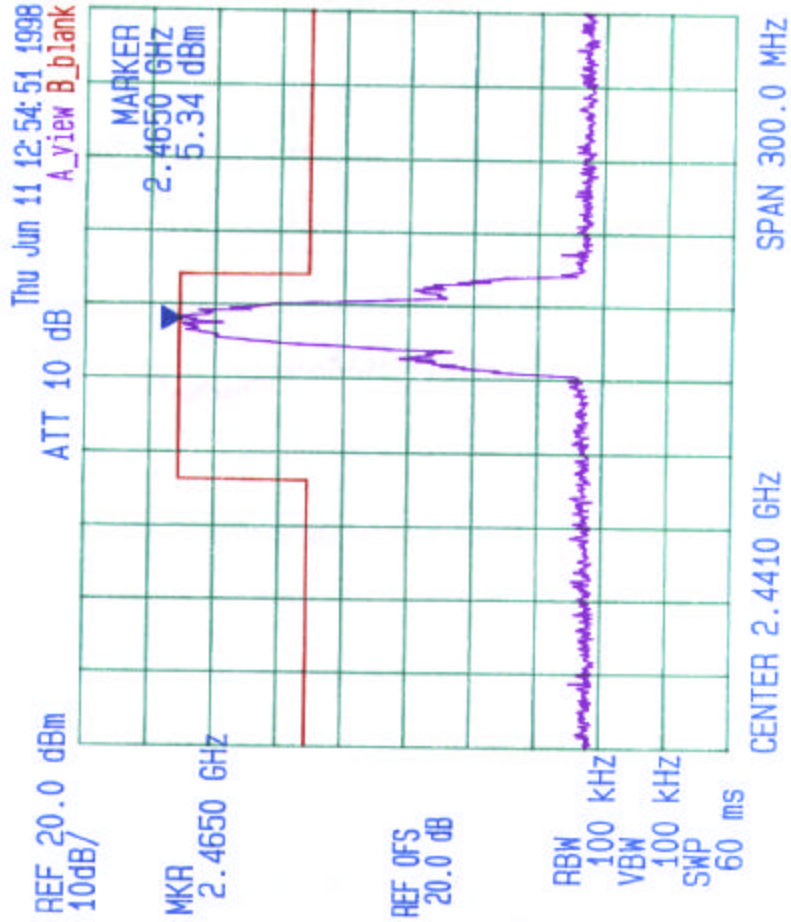


**LEICHU ENTERPRISE CO., LTD.**

**AlphaLAN-2000**

Channel No.: 11, Frequency: 2.465 GHz, RF Output Power: 2.3 mW  
Modulation: DSSS, BPSK Modulation with random datadata at the rate of 1 Mb/s  
or 5.5 Mcbps.

Date: June 11/98  
Tested by: Tri Lau

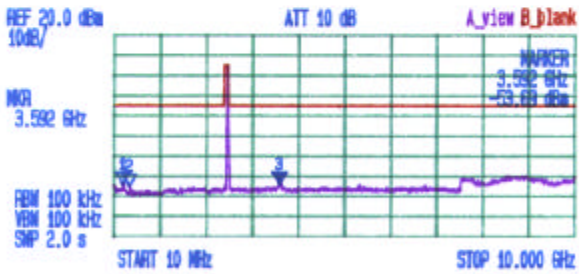
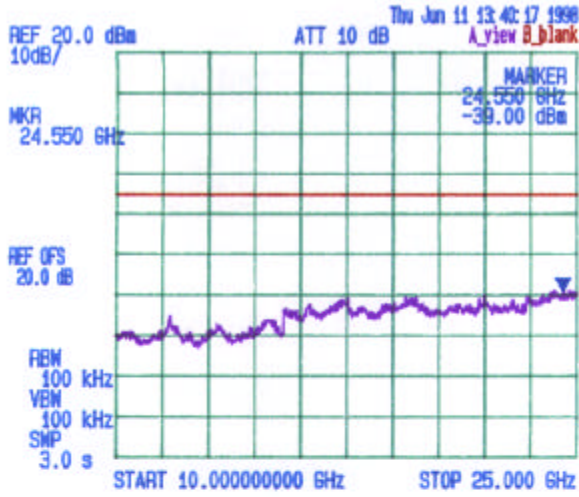


Plot 13

Date: June 11/98  
 Tested by: Tri Lam

**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: 11, Frequency: 2463.413 MHz, RF Output Power: 22.3 mW  
 Modulation: DSSS, BPSK Modulation with random data at the rate of 1 Mb/s  
 or 5.5 Mcchips/s.



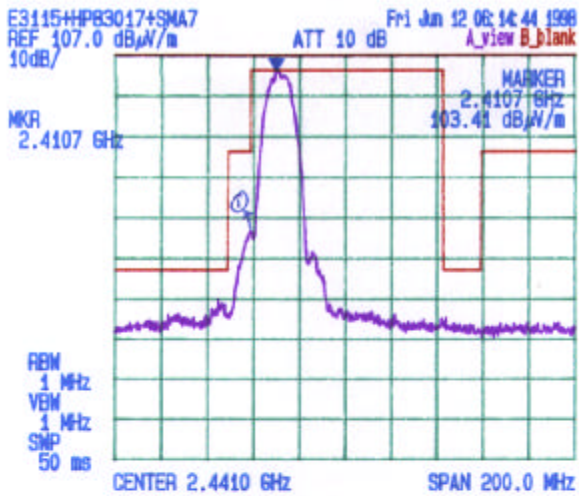
\*\*\* Multi Marker List \*\*\*

| No. | Freq      | Power  | Unit |
|-----|-----------|--------|------|
| 1   | 196 MHz   | -23.56 | dBm  |
| 2   | 338 MHz   | -23.56 | dBm  |
| 3   | 3.592 GHz | -23.88 | dBm  |

Plot # 14

Date: June 12, 1998  
 Tested by: Hung Trinh

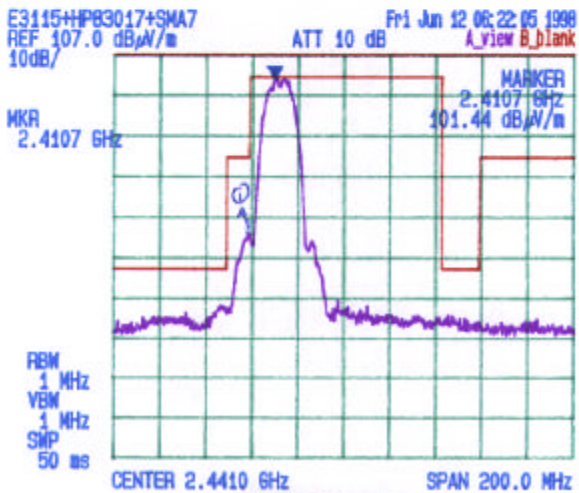
**LEICHU ENTERPRISE CO., LTD**  
**AlpaLAN-2000**  
 Channel #1: Tx Frequency: 2412 MHz  
 Modulation: 2 Mb/s  
 Antenna polarization: VERTICAL & HORIZONTAL



VERTICAL

① 2.3993 GHz  
 63.56 dB $\mu$ V/m (Peak)  
 57.62 dB $\mu$ V/m (AVG)

Plot # 15

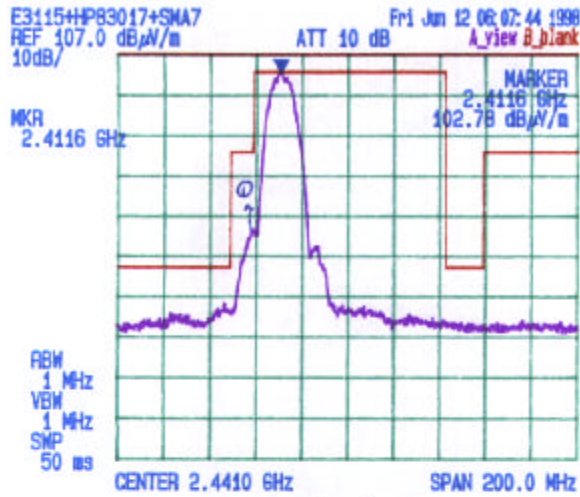


HORIZONTAL

① 2.3990 GHz  
 62.94 dB $\mu$ V/m (Peak)  
 57.16 dB $\mu$ V/m (AVG)

Date: June 12, 1998  
 Tested by: Hung Trinh

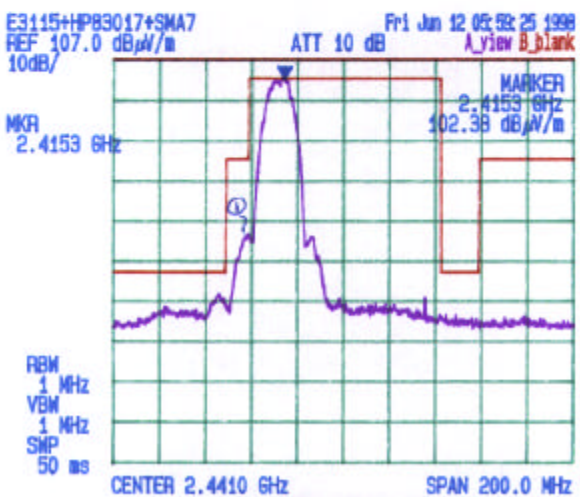
**LEICHU ENTERPRISE CO., LTD**  
**AlpaLAN-2000**  
 Channel #1: Tx Frequency: 2412 MHz  
 Modulation: 1 Mb/s  
 Antenna polarization: VERTICAL & HORIZONTAL



① 2.3993 MHz  
 63.50 dBμV/m (Peak)  
 57.50 dBμV/m (AVG)

Plot # 16

VERTICAL



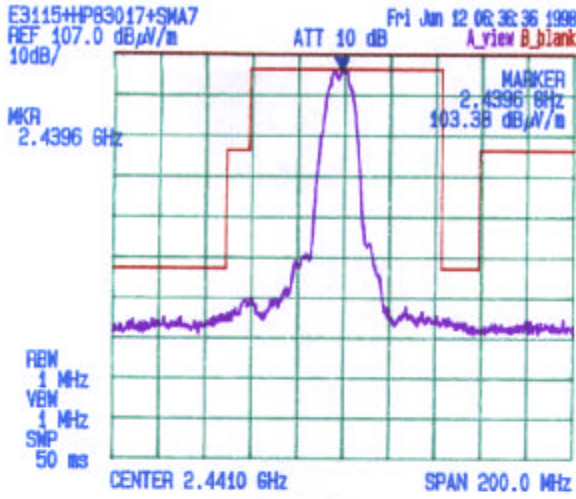
2.3993 GHz  
 ① 63.72 dBμV/m (Peak)  
 57.81 dBμV/m (AVG)

HORIZONTAL



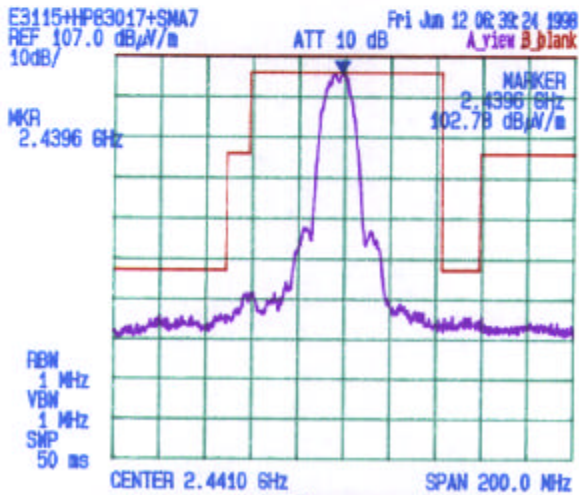
Date: June 12, 1998  
Tested by: Hong Trinh

**LEICHU ENTERPRISE CO., LTD**  
**AlpaLAN-2000**  
Channel #: Tx Frequency: 2437 MHz  
Modulation: 2 Mb/s  
Antenna polarization: VERTICAL & HORIZONTAL



VERTICAL

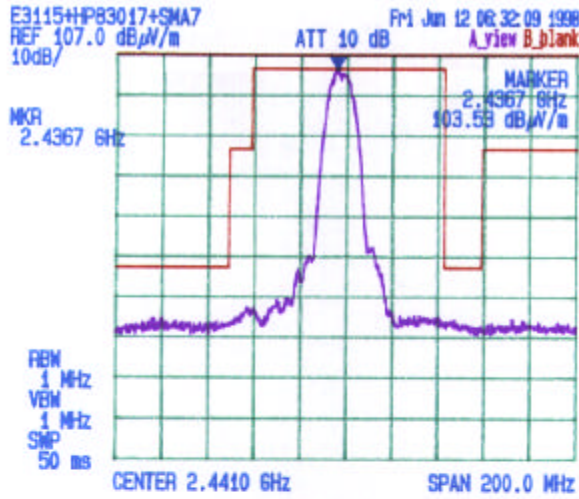
Plot # 17



HORIZONTAL

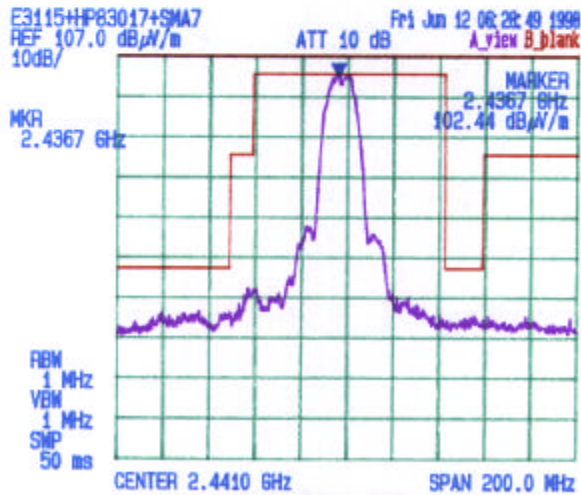
Date: June 12, 1998  
Tested by: Hung Trinh

**LEICHU ENTERPRISE CO., LTD**  
**AlpaLAN-2000**  
Channel #6: Tx Frequency: 2437 MHz  
Modulation: 1 Mb/s  
Antenna polarization: VERTICAL & HORIZONTAL



VERTICAL

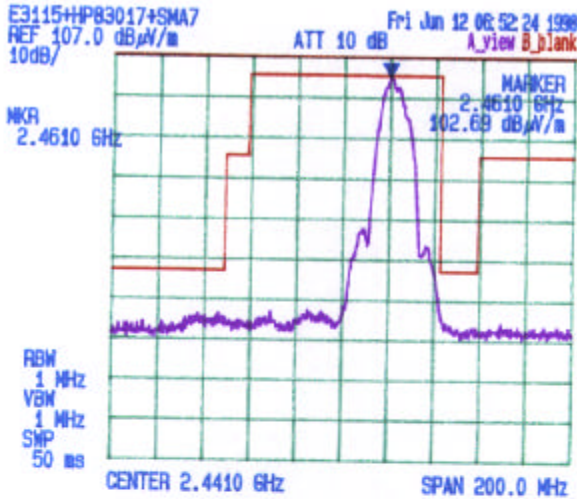
Plot # 18



HORIZONTAL

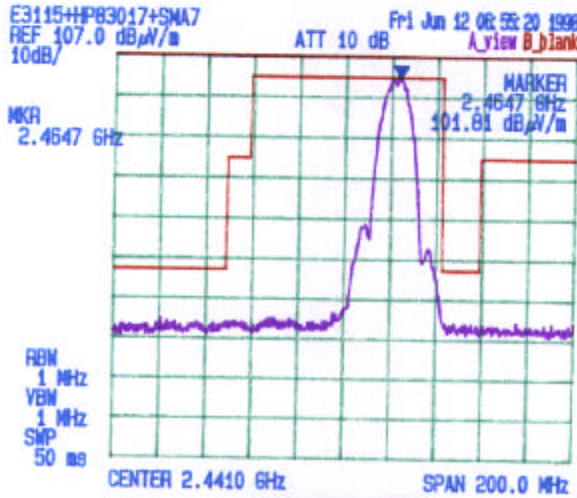
Date: June 12, 1998  
Tested by: Hung Trinh

**LEICHU ENTERPRISE CO., LTD**  
**AlpaLAN-2000**  
Channel #1: Tx Frequency: 2462 MHz  
Modulation: 2 Mb/s  
Antenna polarization: VERTICAL & HORIZONTAL



VERTICAL

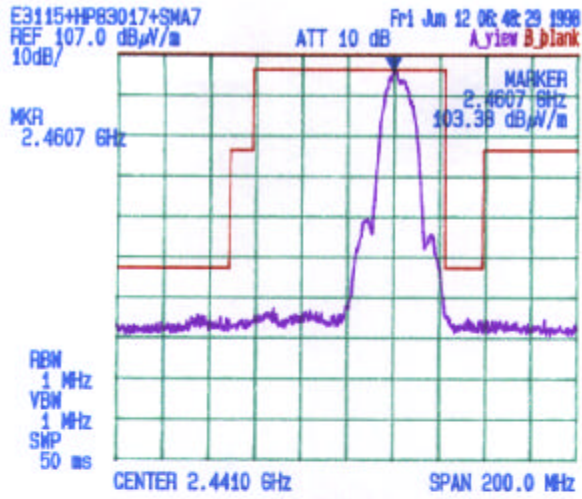
Plot #19



HORIZONTAL

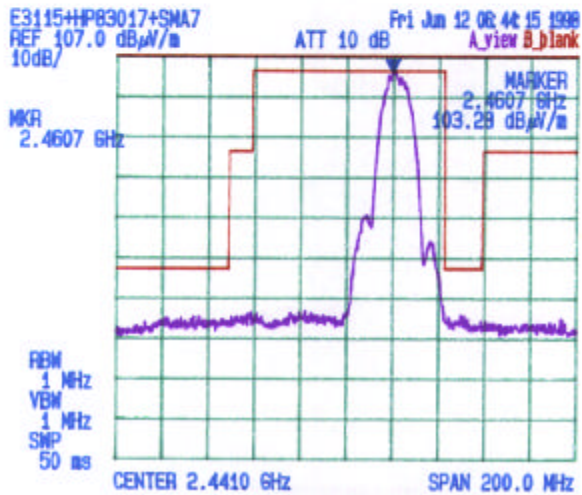
Date: June 12, 1998  
Tested by: Hung Trinh

**LEICHU ENTERPRISE CO., LTD**  
**AlpaLAN-2000**  
Channel #1: Tx Frequency: 2462 MHz  
Modulation: 1 Mb/s  
Antenna polarization: VERTICAL & HORIZONTAL



VERTICAL

Plot # 20



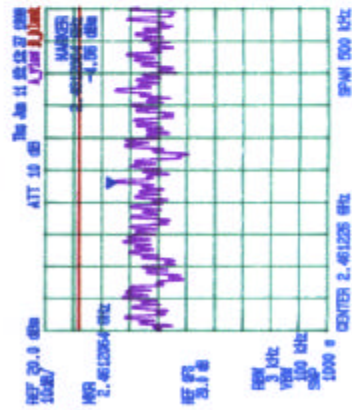
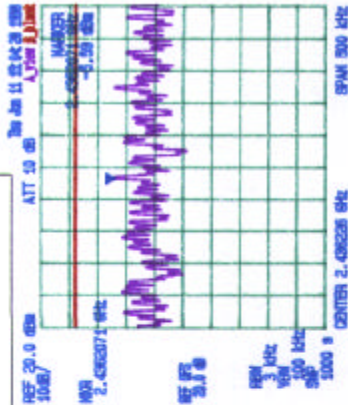
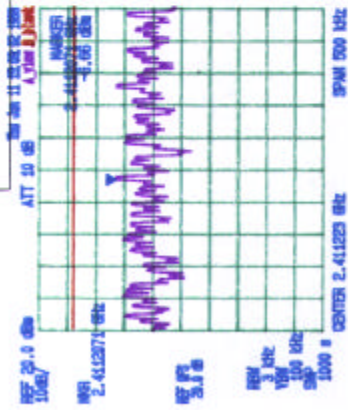
HORIZONTAL



LEICHU ENTERPRISE CO., LTD.  
AlphaLAN-2000

Date: June 11/98  
Tested by: Tri Lun

Channel No.: L.C.L.L., Frequency: \_\_\_\_\_, RF Output Power: \_\_\_\_\_ mW  
Modulation: DSSS, QPSK Modulation with random data at the rate of 2 Mb/s  
or 11 Mcbps/s.



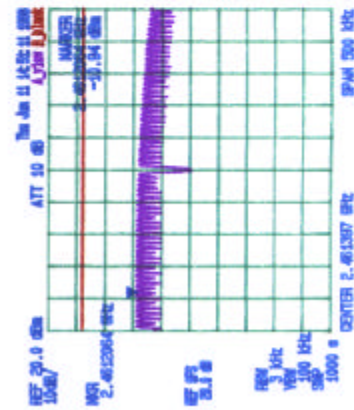
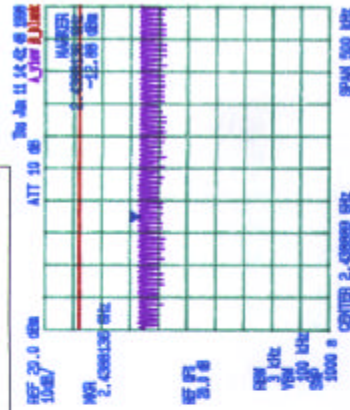
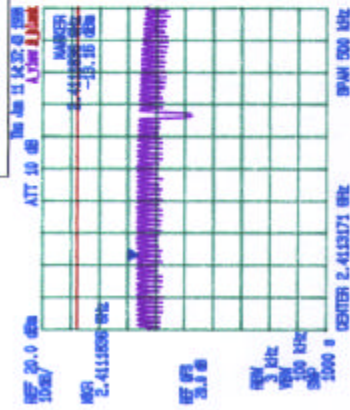
Plot # 21



**LEICHU ENTERPRISE CO., LTD.**  
**AlphaLAN-2000**

Channel No.: LC-11, Frequency: \_\_\_\_\_, RF Output Power: \_\_\_\_\_ mW  
Modulation: DSSS, BPSK Modulation with random data at the rate of 1 Mb/s  
or 5.5 Mcchips/s.

Date: June 11/98  
Tested by: Tin Lou



Plot # 22

**POWER-LINE CONDUCTED EMISSIONS MEASUREMENTS**

EMI Detector:  $1 \mu V$  Peak [1] Average Temp: 29 °C, Humidity: 49 %  
 Line Tested: Line 1, Input Voltage: 120V, Tested by: pharmacy, Test Date: June 19/98  
 Comments:

**UltraTech**  
 Engineering Labs Inc.



APPLICANT: LEICHLU AIRAV  
 PRODUCT: PC MCCA AIRLINES  
 MODEL:

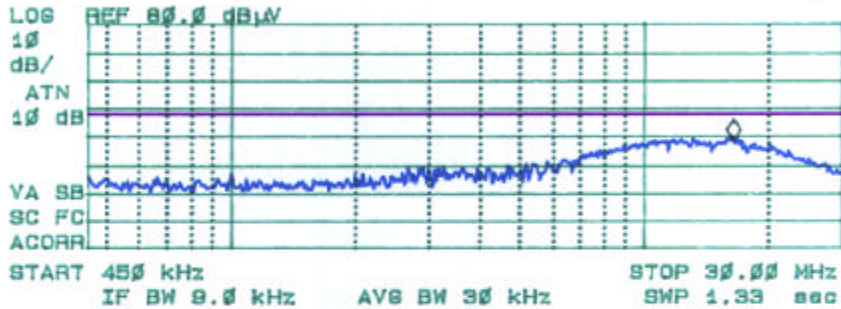
16:43:20 JUN 19, 1998

*LINE #2*

| Signal   | Freq (MHz) | PK Amp | QP Amp | AV Amp | QPΔL1 |
|----------|------------|--------|--------|--------|-------|
| 1        | 9.985925   | 39.4   | 36.4   | 32.8   | -11.6 |
| 2        | 12.340250  | 39.4   | 37.0   | 32.4   | -11.0 |
| <b>3</b> | 16.303850  | 40.4   | 37.2   | 32.3   | -10.8 |
| 4        | 19.657313  | 39.8   | 36.2   | 30.4   | -11.8 |
| 5        | 14.236300  | 38.8   | 35.3   | 30.0   | -12.7 |

SIGNAL NUMBER  
3

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 16.32 MHz  
 36.43 dBμV



No Use  
*Plot #23*

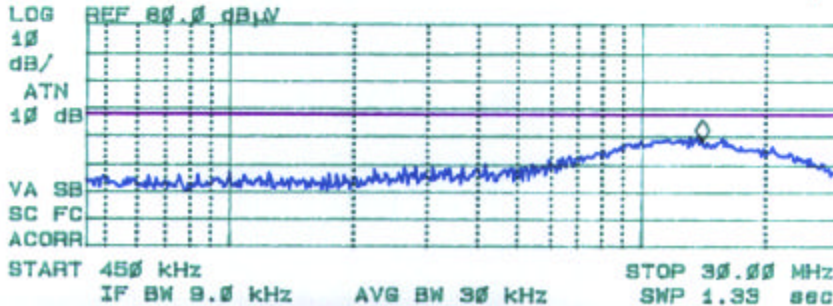
17:02:11 JUN 19, 1998

*LINE #1*

| Signal   | Freq (MHz) | PK Amp | QP Amp | AV Amp | QPΔL1 |
|----------|------------|--------|--------|--------|-------|
| 1        | 10.471913  | 39.3   | 36.9   | 34.0   | -11.1 |
| 2        | 13.193963  | 39.8   | 37.0   | 30.9   | -11.0 |
| 3        | 16.134113  | 39.7   | 36.4   | 31.6   | -11.6 |
| 4        | 15.711050  | 40.2   | 36.5   | 31.3   | -11.5 |
| <b>5</b> | 14.025963  | 39.8   | 35.9   | 29.7   | -12.1 |

START  
450 kHz

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 13.99 MHz  
 36.53 dBμV



No Use  
 Mer