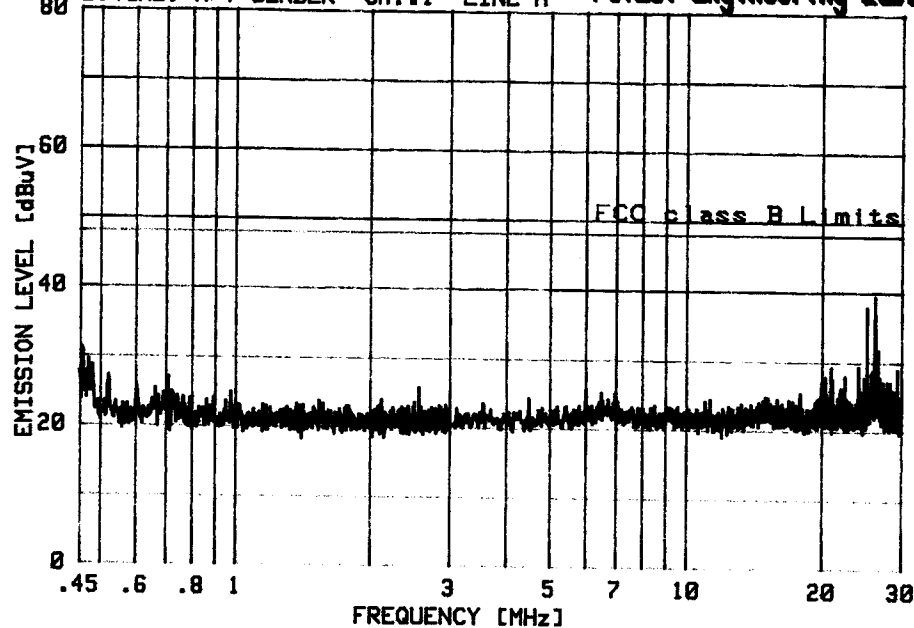


HUNG CHANG Model: HTR2400U

2.4GHz. A/V SENDER Ch.#1 LINE A

PCTEST Engineering Lab.

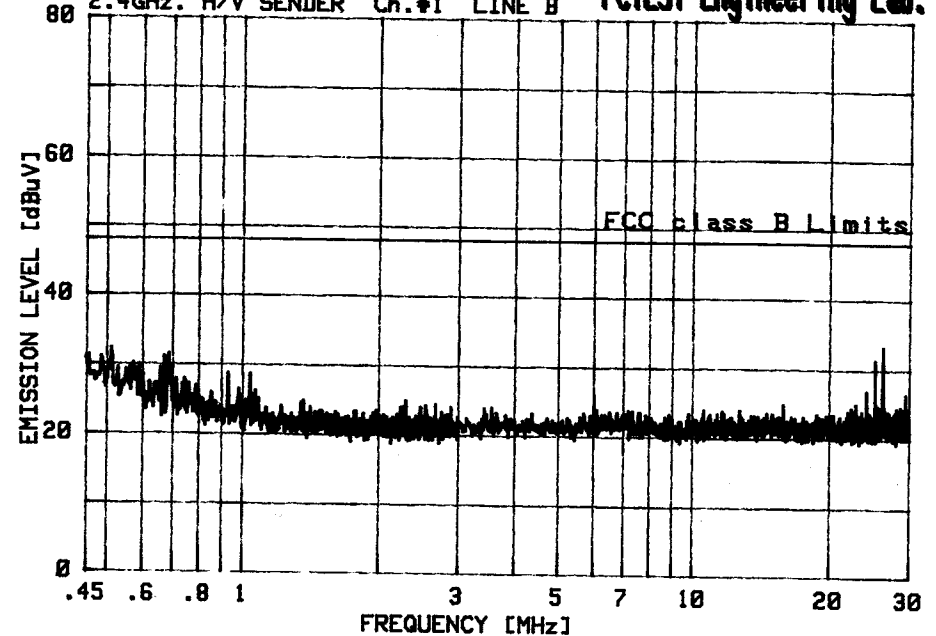


| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-AV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 26.221      | 35.05           | -              | -          | 35.05           | 48.00        | -12.95      |
| 2   | 25.173      | 35.99           | -              | -          | 35.99           | 48.00        | -12.01      |
| 3   | 26.222      | 35.94           | -              | -          | 35.94           | 48.00        | -12.06      |
| 4   | 26.221      | 34.83           | -              | -          | 34.83           | 48.00        | -13.17      |
| 5   | 26.627      | 25.90           | -              | -          | 25.90           | 48.00        | -22.10      |
| 6   | .451        | 23.36           | -              | -          | 23.36           | 48.00        | -24.64      |
| 7   | 26.221      | 34.80           | -              | -          | 34.80           | 48.00        | -13.20      |
| 8   | .469        | 23.08           | -              | -          | 23.08           | 48.00        | -24.92      |
| 9   | 26.505      | 26.71           | -              | -          | 26.71           | 48.00        | -21.29      |
| 10  | 24.109      | 27.93           | -              | -          | 27.93           | 48.00        | -20.07      |

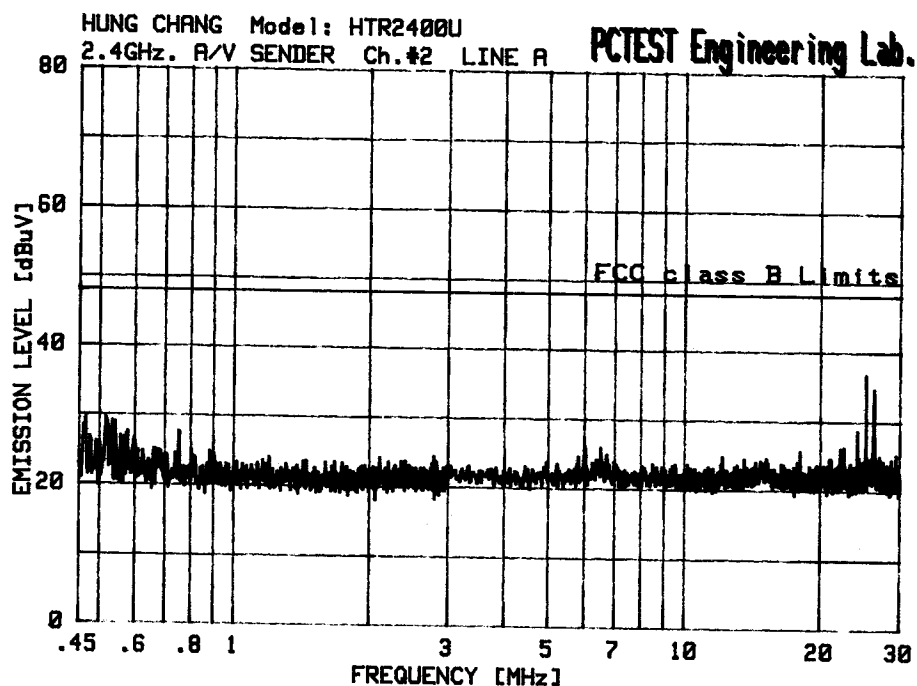
HUNG CHANG Model: HTR2400U

2.4GHz. A/V SENDER Ch.#1 LINE B

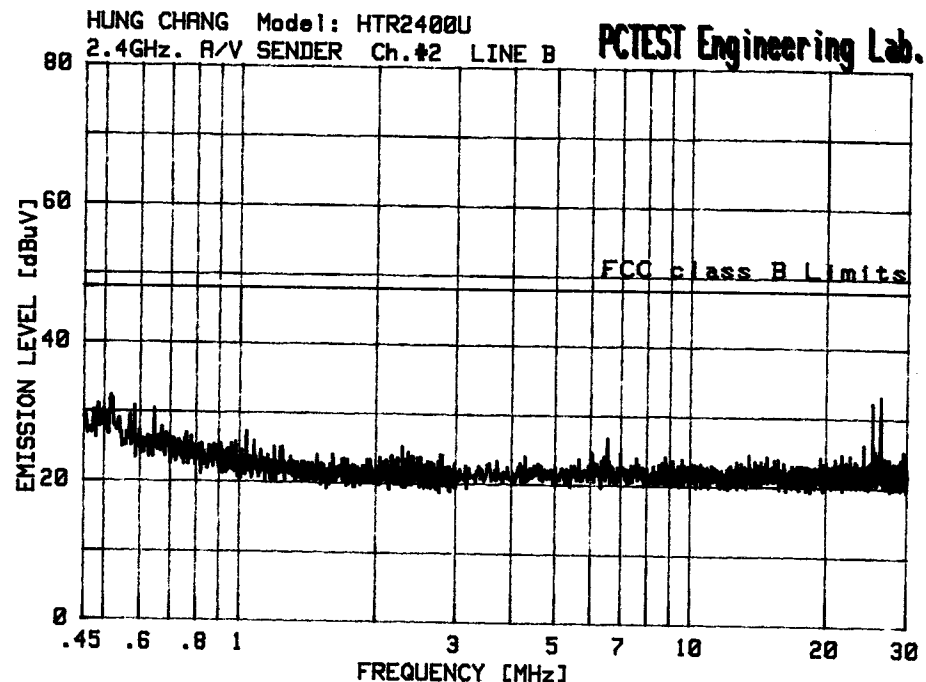
PCTEST Engineering Lab.



| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-AV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 26.220      | 30.53           | -              | -          | 30.53           | 48.00        | -17.47      |
| 2   | .483        | 27.48           | -              | -          | 27.48           | 48.00        | -20.52      |
| 3   | .659        | 24.25           | -              | -          | 24.25           | 48.00        | -23.75      |
| 4   | 25.171      | 30.89           | -              | -          | 30.89           | 48.00        | -17.11      |
| 5   | .640        | 24.80           | -              | -          | 24.80           | 48.00        | -23.20      |
| 6   | 26.220      | 30.04           | -              | -          | 30.04           | 48.00        | -17.96      |
| 7   | .543        | 26.31           | -              | -          | 26.31           | 48.00        | -21.69      |
| 8   | .627        | 25.14           | -              | -          | 25.14           | 48.00        | -22.86      |
| 9   | .919        | 22.93           | -              | -          | 22.93           | 48.00        | -25.07      |
| 10  | 1.010       | 22.40           | -              | -          | 22.40           | 48.00        | -25.60      |



| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-AV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 25.170      | 34.39           | -              | -          | 34.39           | 48.00        | -13.61      |
| 2   | 26.218      | 32.52           | -              | -          | 32.52           | 48.00        | -15.48      |
| 3   | 26.218      | 32.63           | -              | -          | 32.63           | 48.00        | -15.37      |
| 4   | 26.218      | 32.76           | -              | -          | 32.76           | 48.00        | -15.24      |
| 5   | .451        | 23.37           | -              | -          | 23.37           | 48.00        | -24.63      |
| 6   | .487        | 24.17           | -              | -          | 24.17           | 48.00        | -23.83      |
| 7   | .512        | 23.38           | -              | -          | 23.38           | 48.00        | -24.62      |
| 8   | 24.189      | 28.09           | -              | -          | 28.09           | 48.00        | -19.91      |
| 9   | 26.218      | 32.80           | -              | -          | 32.80           | 48.00        | -15.20      |
| 10  | .721        | 21.75           | -              | -          | 21.75           | 48.00        | -26.25      |

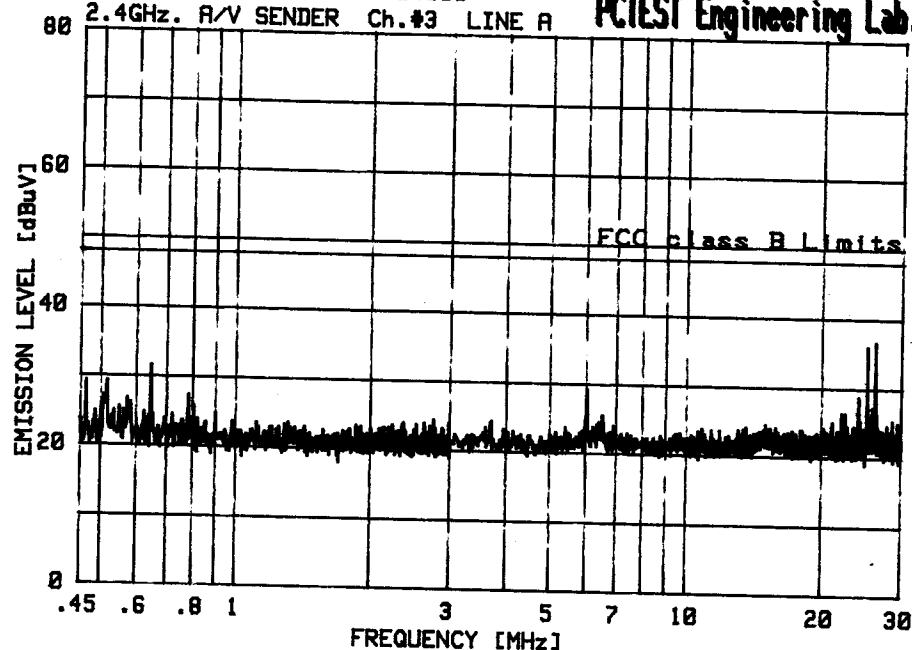


| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-AV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 26.217      | 28.80           | -              | -          | 28.80           | 48.00        | -19.20      |
| 2   | .488        | 27.57           | -              | -          | 27.57           | 48.00        | -20.43      |
| 3   | 25.169      | 30.05           | -              | -          | 30.05           | 48.00        | -17.95      |
| 4   | .455        | 27.90           | -              | -          | 27.90           | 48.00        | -20.10      |
| 5   | .633        | 24.23           | -              | -          | 24.23           | 48.00        | -23.77      |
| 6   | .471        | 26.47           | -              | -          | 26.47           | 48.00        | -21.53      |
| 7   | 26.217      | 28.78           | -              | -          | 28.78           | 48.00        | -19.22      |
| 8   | 26.217      | 28.77           | -              | -          | 28.77           | 48.00        | -19.23      |
| 9   | 1.004       | 22.58           | -              | -          | 22.58           | 48.00        | -25.42      |
| 10  | .757        | 23.98           | -              | -          | 23.98           | 48.00        | -24.02      |

HUNG CHANG Model: HTR2400U

2.4GHz. R/V SENDER Ch.#3 LINE A

PCTEST Engineering Lab.

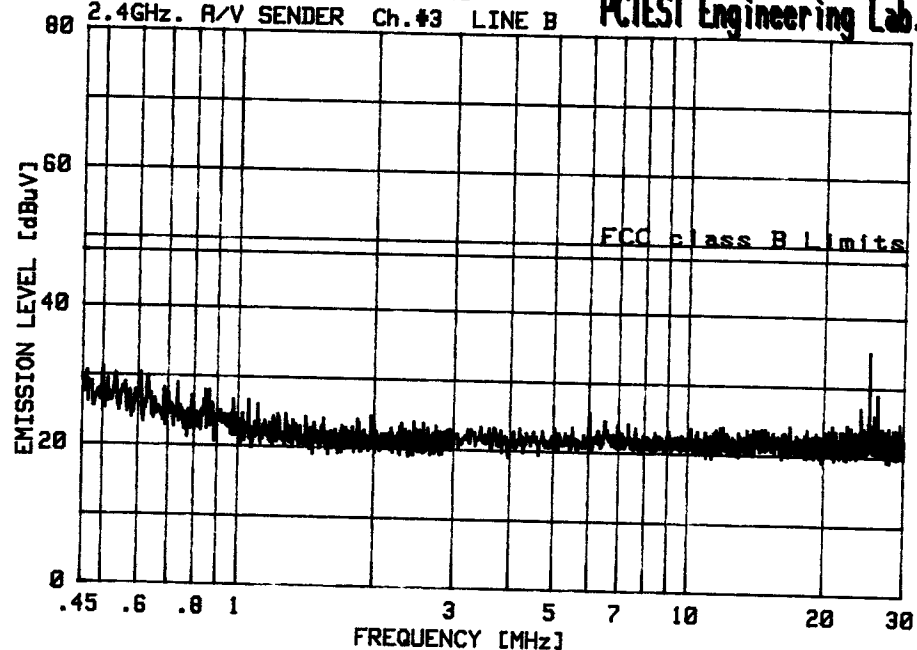


| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-AV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 26.216      | 29.64           | -              | -          | 29.64           | 48.00        | -18.36      |
| 2   | 25.168      | 36.73           | -              | -          | 36.73           | 48.00        | -11.27      |
| 3   | 26.216      | 29.63           | -              | -          | 29.63           | 48.00        | -18.37      |
| 4   | .639        | 21.92           | -              | -          | 21.92           | 48.00        | -26.08      |
| 5   | 26.216      | 30.81           | -              | -          | 30.81           | 48.00        | -17.19      |
| 6   | .452        | 23.53           | -              | -          | 23.53           | 48.00        | -24.47      |
| 7   | .487        | 23.41           | -              | -          | 23.41           | 48.00        | -24.59      |
| 8   | 6.006       | 25.93           | -              | -          | 25.93           | 48.00        | -22.07      |
| 9   | 24.108      | 28.59           | -              | -          | 28.59           | 48.00        | -19.41      |
| 10  | .754        | 21.86           | -              | -          | 21.86           | 48.00        | -26.14      |

HUNG CHANG Model: HTR2400U

2.4GHz. R/V SENDER Ch.#3 LINE B

PCTEST Engineering Lab.

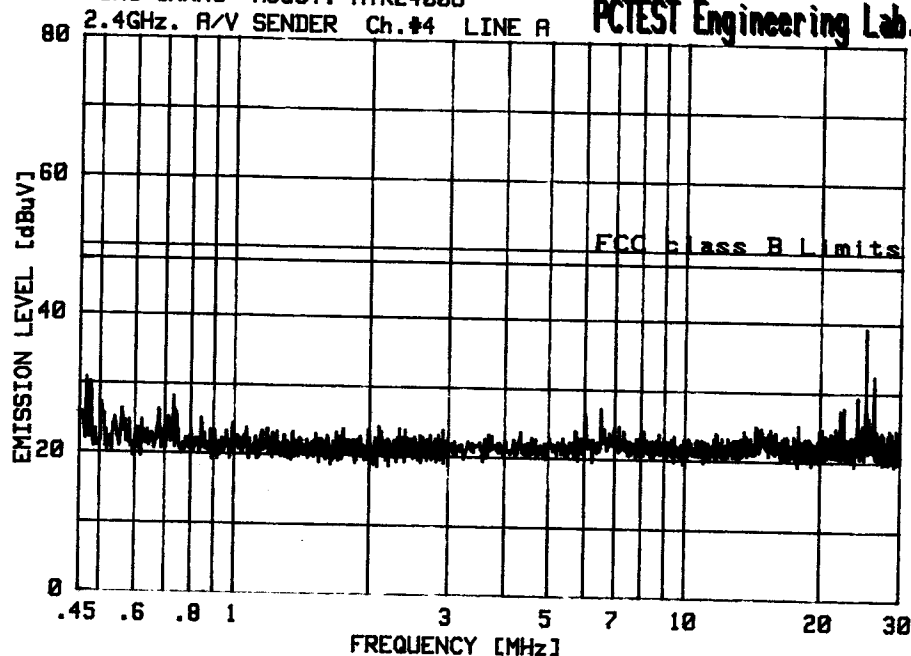


| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-AV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 25.168      | 33.54           | -              | -          | 33.54           | 48.00        | -14.46      |
| 2   | .473        | 26.73           | -              | -          | 26.73           | 48.00        | -21.27      |
| 3   | .450        | 27.09           | -              | -          | 27.09           | 48.00        | -20.91      |
| 4   | .594        | 25.78           | -              | -          | 25.78           | 48.00        | -22.22      |
| 5   | .506        | 26.07           | -              | -          | 26.07           | 48.00        | -21.93      |
| 6   | .600        | 24.52           | -              | -          | 24.52           | 48.00        | -23.48      |
| 7   | .557        | 25.14           | -              | -          | 25.14           | 48.00        | -22.86      |
| 8   | .711        | 23.90           | -              | -          | 23.90           | 48.00        | -24.10      |
| 9   | 26.216      | 26.93           | -              | -          | 26.93           | 48.00        | -21.07      |
| 10  | .658        | 24.28           | -              | -          | 24.28           | 48.00        | -23.72      |

HUNG CHANG Model: HTR2400U

2.4GHz. A/V SENDER Ch.#4 LINE A

PCTEST Engineering Lab.

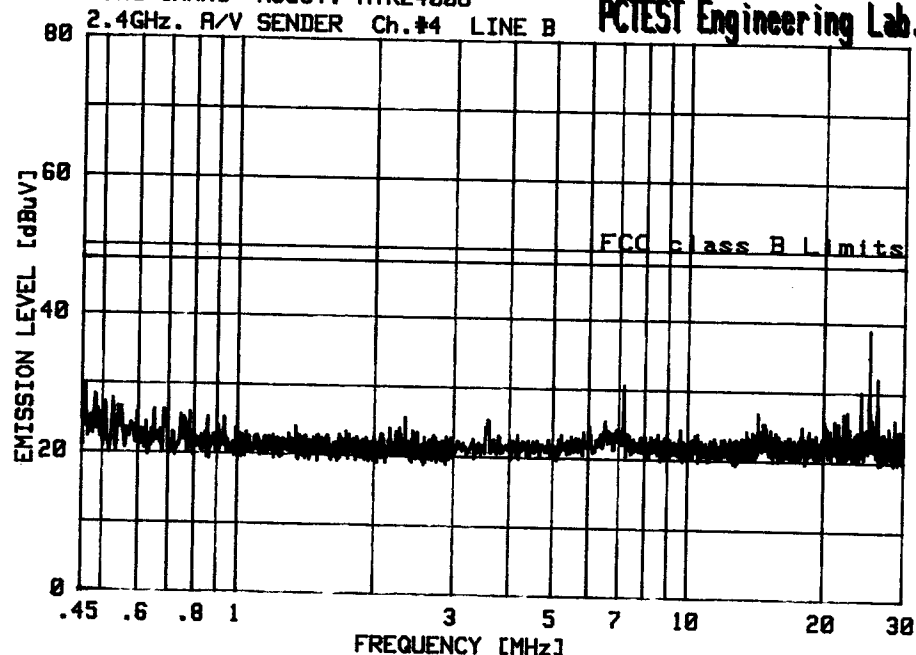


| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-RV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 25.167      | 38.27           | -              | -          | 38.27           | 48.00        | -9.73       |
| 2   | 26.215      | 30.02           | -              | -          | 30.02           | 48.00        | -17.98      |
| 3   | 26.216      | 29.91           | -              | -          | 29.91           | 48.00        | -18.09      |
| 4   | .450        | 23.39           | -              | -          | 23.39           | 48.00        | -24.61      |
| 5   | .455        | 23.60           | -              | -          | 23.60           | 48.00        | -24.40      |
| 6   | 24.109      | 29.07           | -              | -          | 29.07           | 48.00        | -18.93      |
| 7   | .723        | 21.80           | -              | -          | 21.80           | 48.00        | -26.20      |
| 8   | 22.503      | 26.35           | -              | -          | 26.35           | 48.00        | -21.65      |
| 9   | 22.100      | 25.51           | -              | -          | 25.51           | 48.00        | -22.49      |
| 10  | 6.510       | 24.83           | -              | -          | 24.83           | 48.00        | -23.17      |

HUNG CHANG Model: HTR2400U

2.4GHz. A/V SENDER Ch.#4 LINE B

PCTEST Engineering Lab.



| No. | Freq. [MHz] | Quasi-Pk [dBuV] | Average [dBuV] | QP-RV [dB] | Emission [dBuV] | Limit [dBuV] | Margin [dB] |
|-----|-------------|-----------------|----------------|------------|-----------------|--------------|-------------|
| 1   | 25.167      | 33.85           | -              | -          | 33.85           | 48.00        | -14.15      |
| 2   | 26.215      | 25.76           | -              | -          | 25.76           | 48.00        | -22.24      |
| 3   | 7.086       | 21.74           | -              | -          | 21.74           | 48.00        | -26.26      |
| 4   | 24.109      | 25.86           | -              | -          | 25.86           | 48.00        | -22.14      |
| 5   | .451        | 27.37           | -              | -          | 27.37           | 48.00        | -20.63      |
| 6   | 25.068      | 22.90           | -              | -          | 22.90           | 48.00        | -25.10      |
| 7   | .452        | 27.29           | -              | -          | 27.29           | 48.00        | -20.71      |
| 8   | 26.215      | 25.87           | -              | -          | 25.87           | 48.00        | -22.13      |
| 9   | .527        | 25.58           | -              | -          | 25.58           | 48.00        | -22.42      |
| 10  | 26.215      | 25.93           | -              | -          | 25.93           | 48.00        | -22.07      |

hp 08:47:23 Oct 7, 1999

MODEL: HTR2400U Ch#3

Ref -50 dBm

Atten 5 dB Ext PG 40 dB

Mkr1 2.47160 GHz

-51.91 dBm

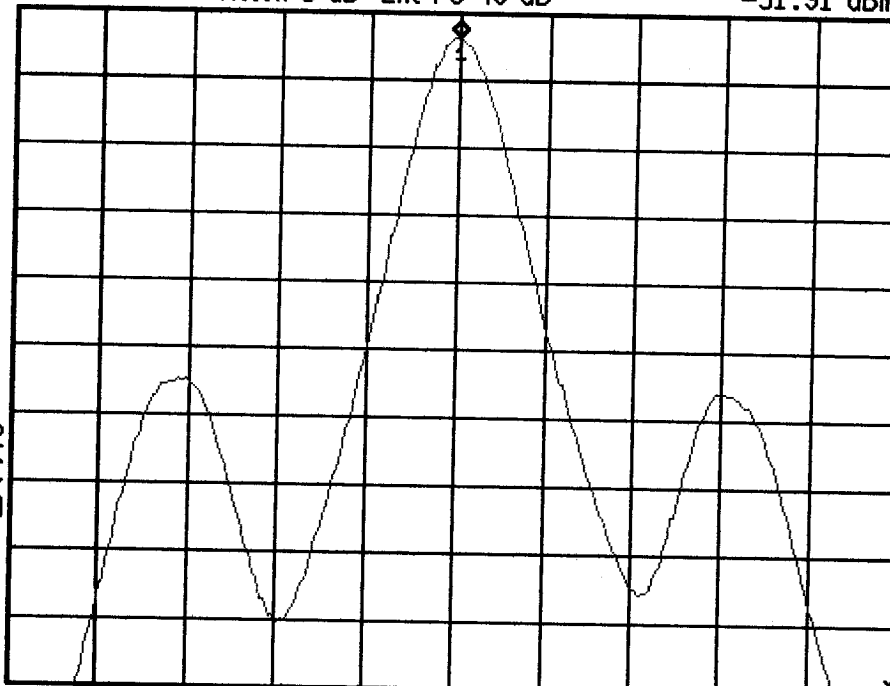
Peak

Log

5

dB/

V1 S2  
S3 FC  
AA



Center 2.472 GHz

\*Res BW 1 MHz

\*VBW 30 Hz

Span 20 MHz

Sweep 1.767 s

Freq/Channel

Center Freq

2.47160000 GHz

Start Freq

2.46160000 GHz

Stop Freq

2.48160000 GHz

CF Step

2.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

hp 08:56:37 Oct 7, 1999

MODEL: HTR2400U Ch#4

Ref -50 dBm

Atten 5 dB Ext PG 40 dB

Mkr1 2.41160 GHz

-51.78 dBm

Peak

Log

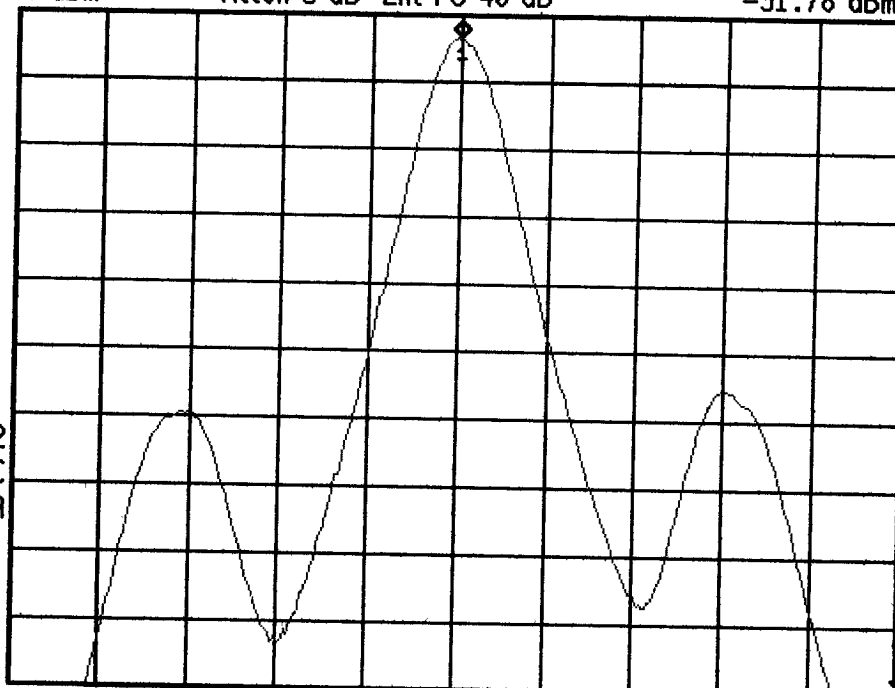
5

dB/

V1 S2

S3 FC

AR



Center 2.412 GHz

\*Res BW 1 MHz

\*VBW 30 Hz

Span 20 MHz

Sweep 1.767 s

Freq/Channel

Center Freq

2.41160000 GHz

Start Freq

2.40160000 GHz

Stop Freq

2.42160000 GHz

CF Step

2.00000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off

hp 09:56:44 Oct 7, 1999

MODEL: HTR2400U CH#3

Ref -50 dBm

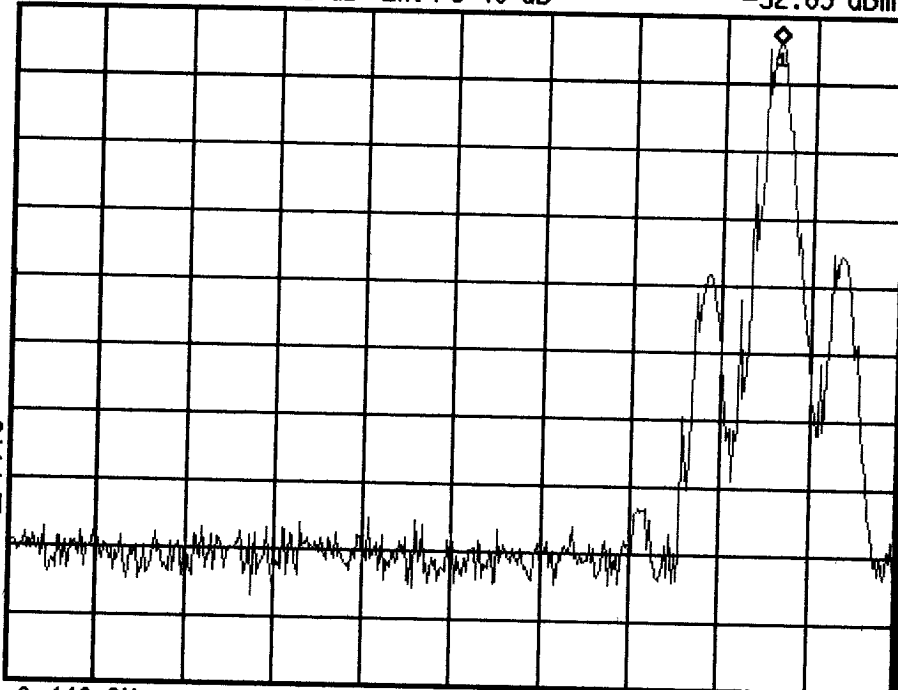
\*Atten 5 dB Ext PG 40 dB

Mkr1 2.47156 GHz

-52.83 dBm

Peak  
Log  
7  
dB/

V1 S2  
S3 FC  
AA



Center 2.442 GHz

\*Res BW 1 MHz

VBW 1 MHz

Span 83.5 MHz

\*Sweep 5 ms

Freq/Channel

Center Freq  
2.44150000 GHz

Start Freq  
2.39975000 GHz

Stop Freq  
2.48325000 GHz

CF Step  
8.35000000 MHz  
Auto Man

Freq Offset  
0.00000000 Hz

Signal Track  
On Off

hp 10:03:46 Oct 7, 1999

MODEL: HTR2400U CH#4

Ref -50 dBm

\*Atten 5 dB Ext PG 40 dB

Mkr1 2.41186 GHz

-51.56 dBm

Peak

Log

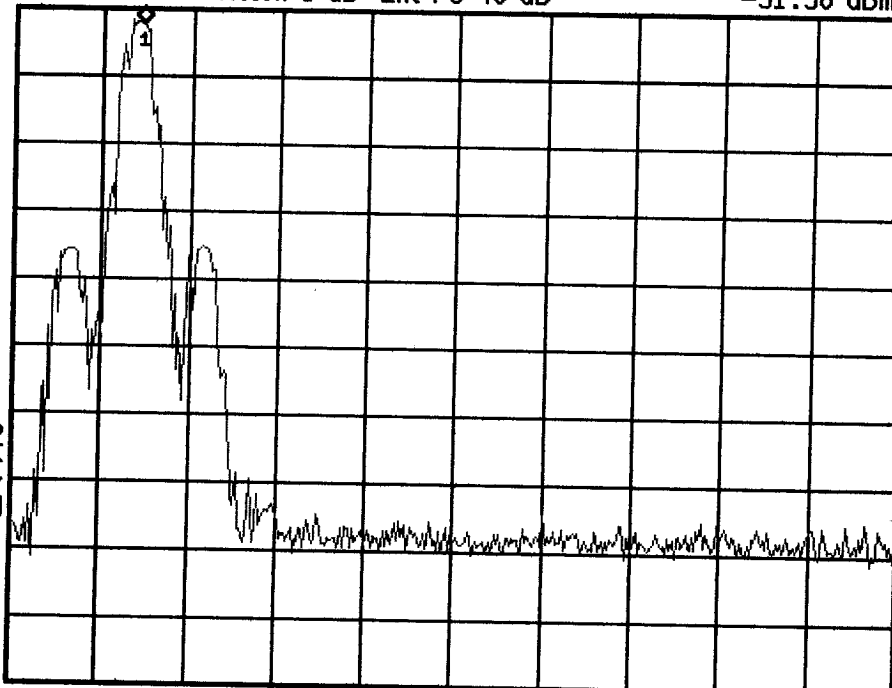
7

dB/

V1 S2

S3 FC

AA



Center 2.442 GHz

\*Res BW 1 MHz

VBW 1 MHz

Span 83.5 MHz

\*Sweep 5 ms

Freq/Channel

Center Freq

2.44150000 GHz

Start Freq

2.39975000 GHz

Stop Freq

2.48325000 GHz

CF Step

8.35000000 MHz

Auto

Man

Freq Offset

0.00000000 Hz

Signal Track

On

Off