

**4.4.3 Radiate Emission Testing Photo.**

FCC ID : JVPWL700

**< FRONT VIEW >**



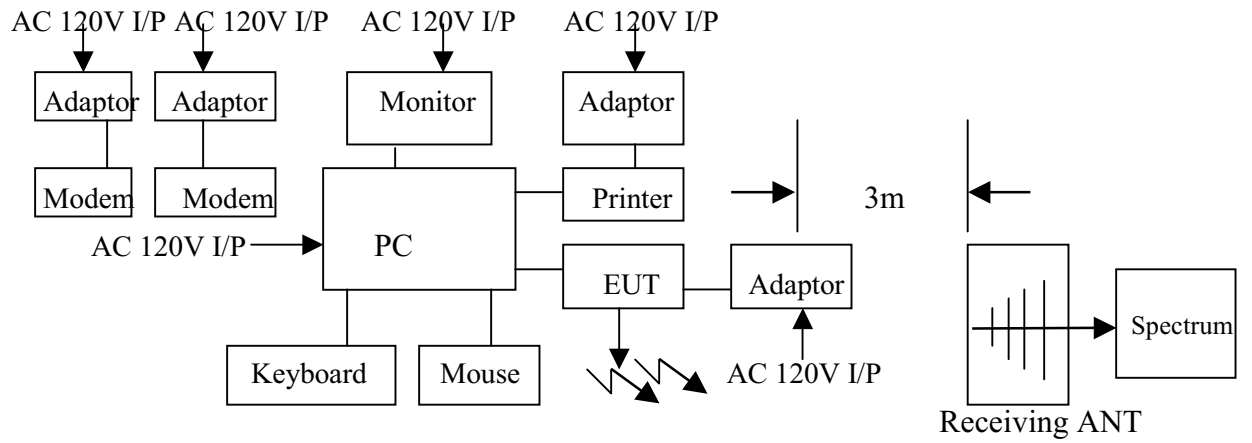
**< REAR VIEW >**



FCC ID : JVPAWL700

EUT Model No. AWL700

Transmitting / Receiving Mode



**VII. § 15.247(d) : Power Spectral Density**

FCC ID : JVPAWL700

**The summary below is the highest power spectral density of the  
EUT Model No. AWL700**

RBW = 3KHz VBW = 10KHz Auto sweep time : 5.6S

Channel	Polarity (H/V)	Frequency (MHz)	Level (dBm)	Limit (dBm)
Top	(H)	2412.410	-6.2488	8
	(V)	2412.760	-22.6688	8
Middle	(H)	2435.410	-9.9289	8
	(V)	2435.410	-21.1988	8
Bottom	(H)	2460.410	- 11.28879	8
	(V)	2460.410	-19.3988	8

Note:

1. "S.P. read" means spectrum analyzer read power density .
2. "C.F." means correct factor = antenna factor + cable loss – Preamplifier Gain .
3. "Level" means power spectral density .

$$E.R.P. = (E d)^2 / 30G$$

where E (V) = S.P. read + C.F.

d (m) = measurement distance = 3m

G = 1 ( the gain of the transmitting antenna over isotropic antenna )

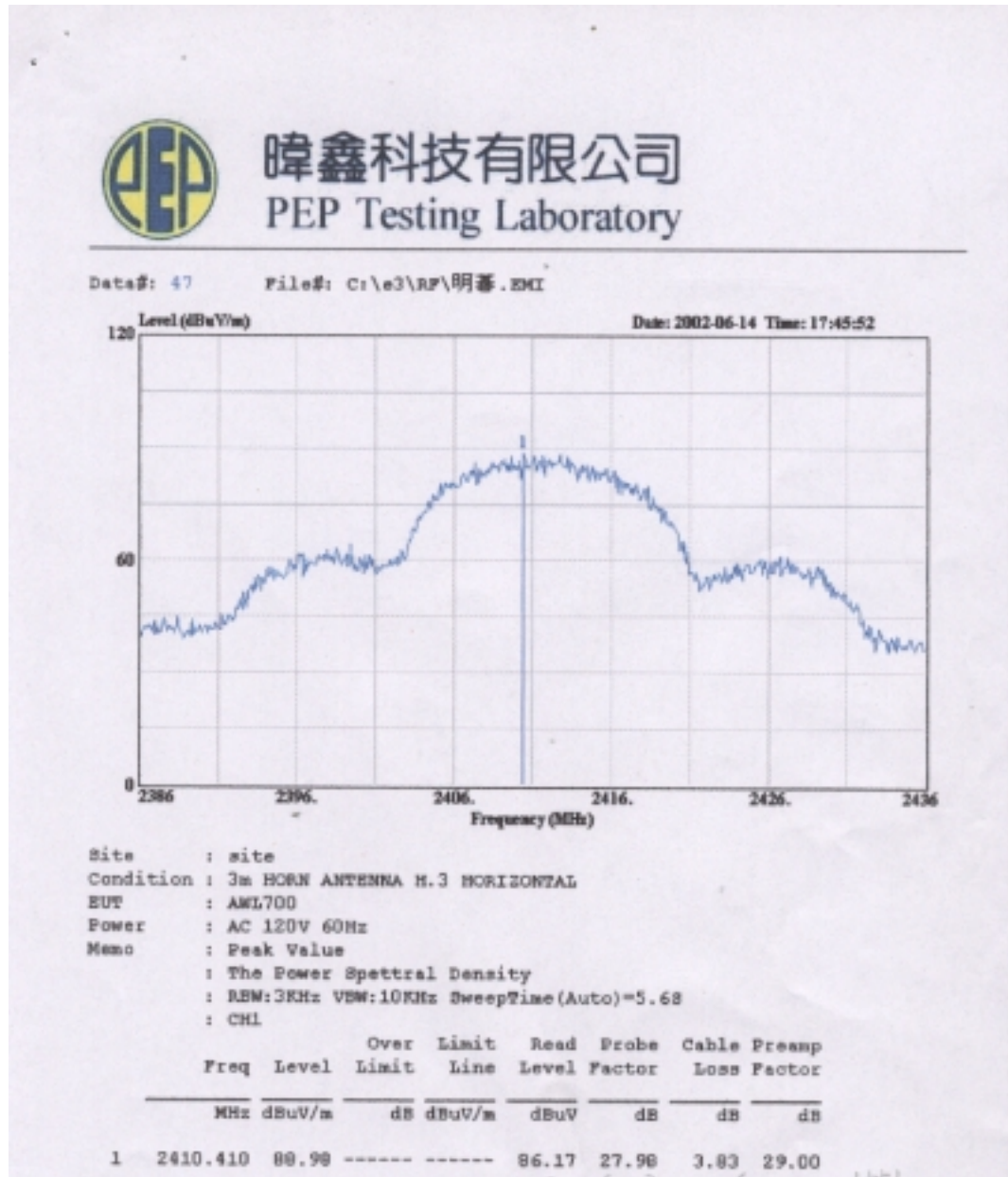
Example :

If Level = 120 dBuV/m

$$10^{(120/20)} \times 10^{-6} = 1 \text{ V}$$

$$E.R.P. = (1 \times 3)^2 / 30 = 300 \text{ mW} = 10 \text{ Log } (300\text{mW}/1\text{mW}) \\ = 24.77\text{dBm}$$

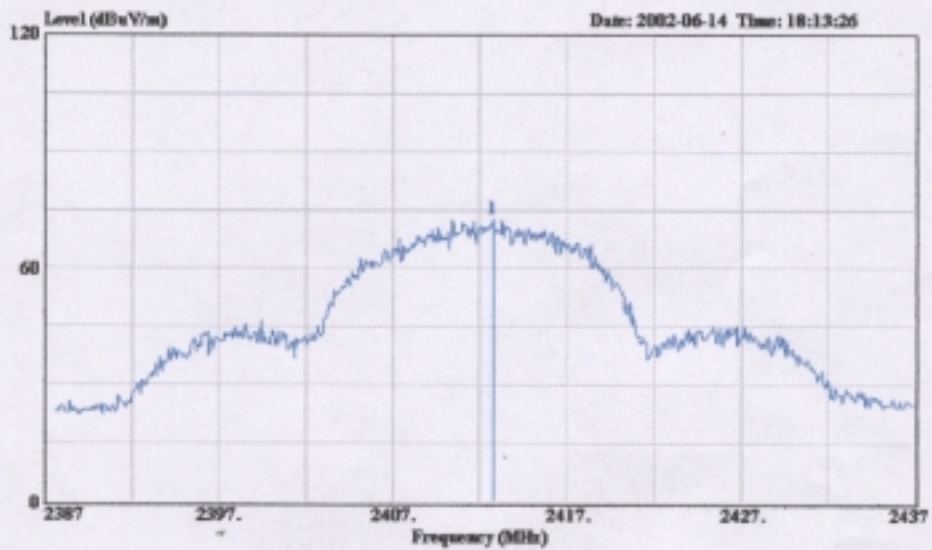
## Spectrum of Power Spectral Density





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PEP Testing Laboratory

Data#: 52 File#: C:\e3\RF\明善.EMI



Site : site  
 Condition : 3m HORN ANTENNA V.3 VERTICAL  
 EUT : AML700  
 Power : AC 120V 60Hz  
 Memo : Peak Value  
 : The Power Spectral Density  
 : RBW:3KHz VBW:10KHz SweepTime(Auto)=5.68  
 : CH1

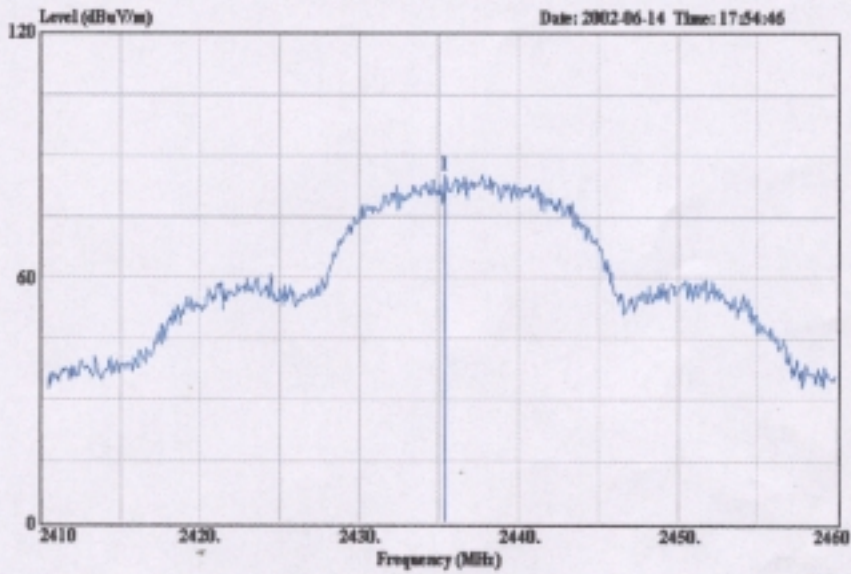
1	Freq	Level	Over Limit		Read Level	Probe Factor	Cable Loss	Preamp Factor
			dB	dBuV/m				
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1	2412.760	72.56	-----	-----	69.74	27.98	3.84	29.00



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Data#: 48 File#: C:\e3\RF\明基.DMI

Date: 2002-06-14 Time: 17:54:46



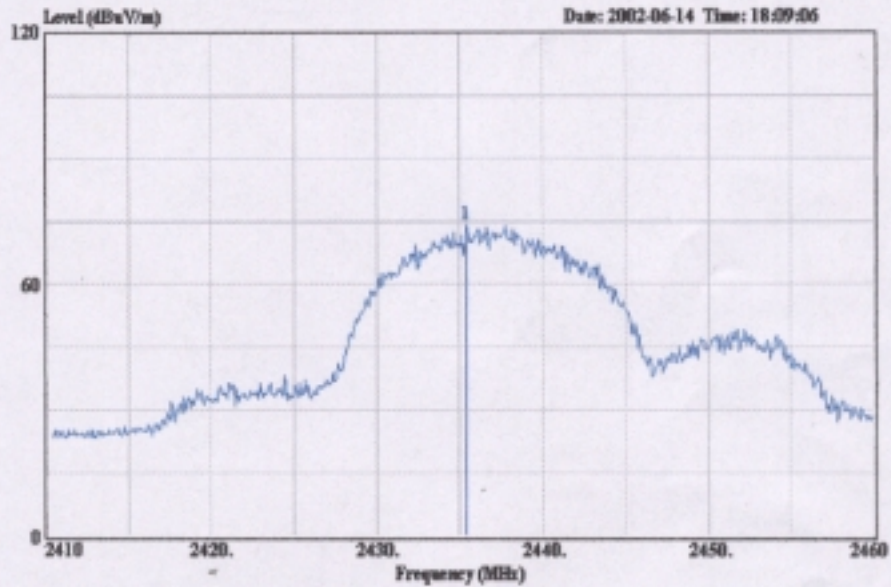
Site : site  
Condition : 3m HORN ANTENNA H.3 HORIZONTAL  
EUT : AWL700  
Power : AC 120V 60Hz  
Memo : Peak Value  
: The Power Spettral Density  
: RBW:3KHz VBW:10KHz SweepTime(Auto)=5.68  
: CH6

Freq	Level	Over	Limit	Read	Probe	Cable	Preamp
		dB	dBuV/m	dBuV	dB	dB	dB
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1 2435.410	85.30	-----	-----	82.50	27.95	3.85	29.00



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PEP Testing Laboratory

Data#: 51 File#: C:\e3\RF\明善.EMI



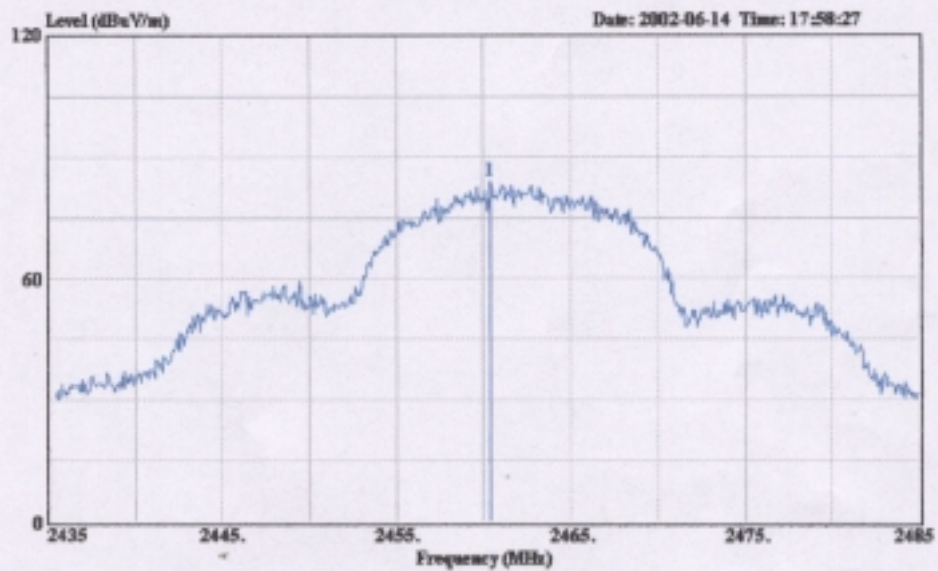
Site : site  
 Condition : 3m HORN ANTENNA V.3 VERTICAL  
 EUT : AML700  
 Power : AC 120V 60Hz  
 Memo : Peak Value  
 : The Power Spettral Density  
 : RES:3KHz VBW:10KHz SweepTime(Auto)=5.68  
 : CH6

Over	Limit	Read	Probe	Cable	Preamp
Limit	Line	Level	Factor	Loss	Factor
dB	dBuV/m	dBuV	dB	dB	dB
-----	-----	71.23	27.95	3.85	29.00



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Data#: 49 File#: C:\e3\RP\明基.DMI



Site : site  
 Condition : 3m HORN ANTENNA H.3 HORIZONTAL  
 EUT : AWE700  
 Power : AC 120V 60Hz  
 Memo : Peak Value  
       : The Power Spettral Density  
       : RES:3KHz VBW:10KHz SweepTime(Auto)=5.68  
       : CH11

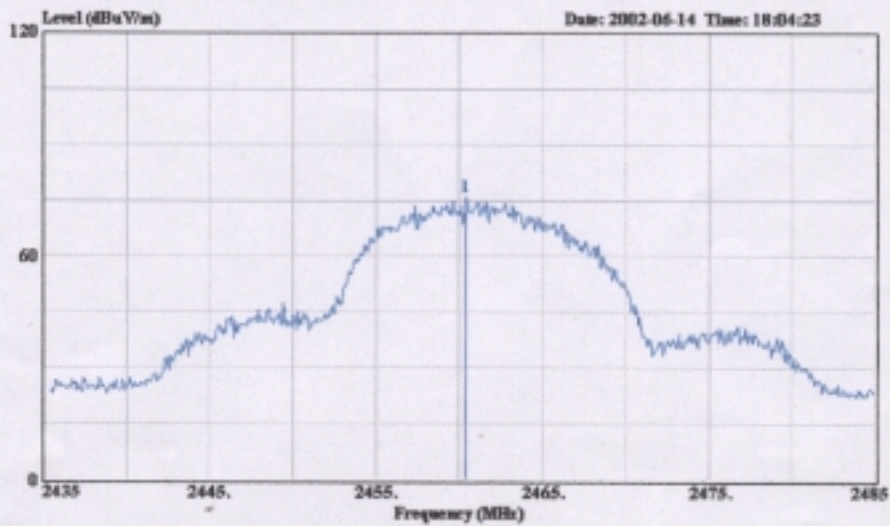
	Over	Limit	Read	Probe	Cable	Preamp
Freq	Level	Limit	Line	Level	Factor	Loss Factor
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB
1 2460.410	83.94	-----	-----	81.14	27.93	3.87 29.00





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PEP Testing Laboratory

Data#: 50 File#: C:\e3\RF\明基.DMI



Site : site  
 Condition : 3m HORN ANTENNA V.3 VERTICAL  
 EUT : ANL700  
 Power : AC 120V 60Hz  
 Memo : Peak Value  
 : The Power Spectral Density  
 : RES:3KHz VEW:10KHz SweepTime(Auto)=5.68  
 : CH11

Freq	Level	Over	Limit	Read	Probe	Cable	Preamp
		Limit	Line	Level	Factor	Loss	Factor
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB
1 2460.410	75.83	-----	-----	73.03	27.93	3.87	29.00

## VIII. § 15.247(e) : Processing Gain

### 8.1 Test Configuration : CCK,

Modulation : CCK

Data Rate or Bit Rate : 11Mb/s,

Symbol Rate : 1.375MS/s

Chip Rate : 11MC/s

Chip/Symbol Rate : 11 : 1.375 or 8

#### Theoretical Process Gain :

$$G_p = 18.4\text{dB} + \left\{ \frac{J}{S} \right\} \geq 10\text{dB}$$

The minimum jammer to signal ratio is as follows :

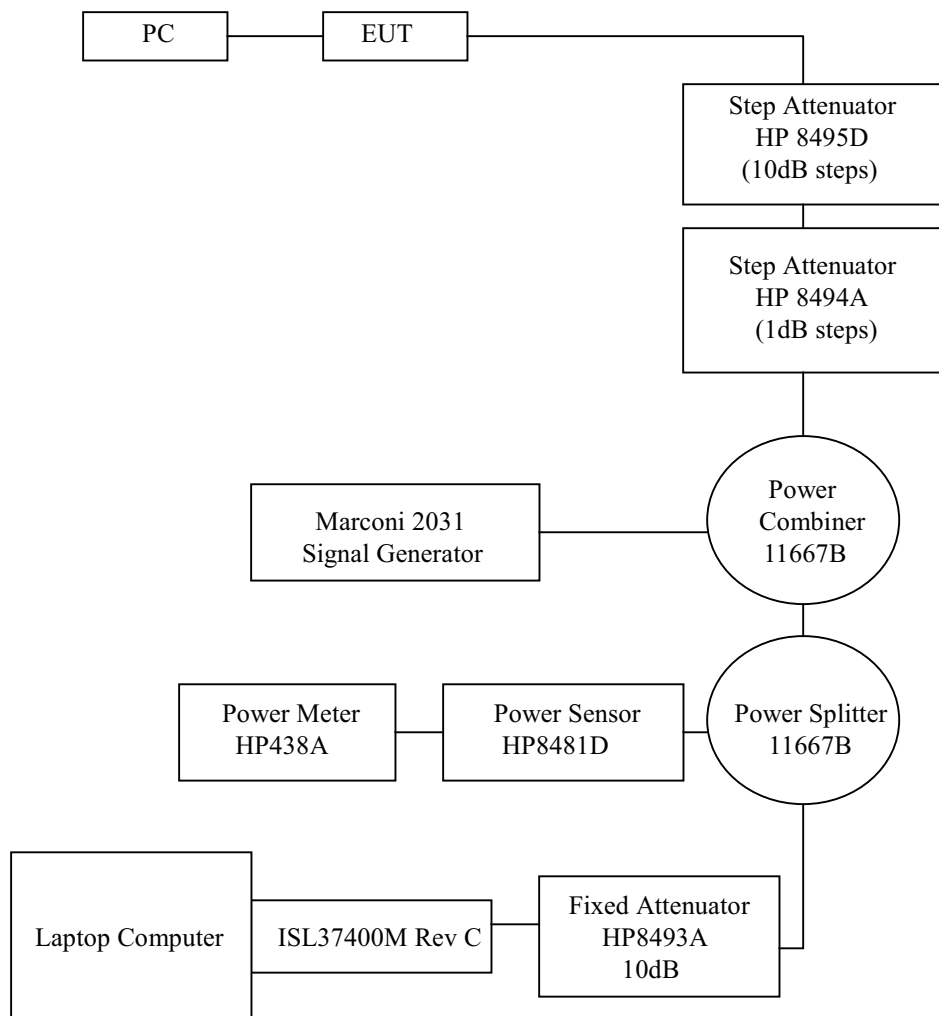
$$\left\{ \frac{J}{S} \right\} \geq -8\text{dB}$$

**Measured Minimum Process Gain = 12.8dB**

[ Processing Gain for Channel 6 ]

## 8.2 Test Equipment

- ▣ Hewlett Packard Spectrum Analyzer, Model HP8593E
- ▣ Marconi Signal Generator, Model 2031
- ▣ Hewlett Packard Power Meter, HP438A
- ▣ Hewlett Packard Power Sensor
- ▣ Hewlett Packard Attenuators
- ▣ Hewlett Packard Step Attenuator
- ▣ Hewlett Packard Step Attenuator
- ▣ Hewlett Packard Power Splitter



### 8.3 Mj Theoretical Calculations

The reference PER is specified as 8%. The corresponding Es/No (signal to noise ratio per symbol) is 16.4dB. The Es/No required to achieve the desired BER with maximum system implementation losses is 18.4dB. The minimum processing gain is again, 10dB, therefore :

$$G_p = \left( \frac{E_s}{N_o} \right)_{\text{output}} + \left( \frac{J}{S} \right) + L_{\text{system}} = 16.4\text{dB} + 2.0\text{dB} + \left( \frac{J}{S} \right) \geq 10\text{dB}$$

$$G_p = 18.4\text{dB} + \left( \frac{J}{S} \right) \geq 10\text{dB}$$

The minimum Jammer to signal ratio is as follows :

$$\left( \frac{J}{S} \right) \geq -8.4\text{dB}$$

### 8.4 Test Procedures :

Obtain the simplex link shown. Perform all independent instrumentation calibrations prior to this procedure. Set operating power levels using fixed and variable attenuators in system to meet the following objectives:

1. Signal Power at receiver approximately -60dBm (above thermal sensitivity such that thermal noise does not cause bit errors).
2. Signal Power at power meter between -20 and -30dBm for optimal linearity.
3. Use spectrum analyzer to monitor test.
4. Ensure that CW Jammer generator RF output is disabled and measure the power at the power meter port using the power meter. This is the relative signal power, Sr.
5. Disable Transmitter, and set CW Jammer generator RF output frequency equal to the carrier frequency and enable generator output. Set reference CW Jammer power level at power meter port 8.4dB below Sr (minimum J/S, or 10dB processing gain reference level). Note the power level setting on the generator, this is the reference CW Jammer power setting, Jr.
6. Disable CW Jammer, re-establish link. PER test should be operating essentially error-free.
7. Enable CW Jammer at the reference power level and verify that the PER test indicates a PER of less than 8%.
8. Alternatively, adjust the CW Jammer level to that which causes 8% PER and verify that the S/J is less than 8.4dB.
9. Repeat step 7 for uniform steps in frequency increments of 50 kHz across the receiver passband with the CW Jammer. In this case the receiver passband is  $\pm 8.5\text{MHz}$ .

The number of points where the PER fails to achieve 8% (is higher than 8%) is determined and if this is above 20% of the total, the test is failed otherwise it is passed.

## 8.5 Test Result of Processing Gain

[ Processing Gain for Channel 6 ]

CHANNEL 6 Processing Gain						
Gp = (S/N)o + Mj + Lsys						
Freq. (MHz)	Gp (dB)	(S/N)o (Db)	Mj=J/S (Db)	Lsys (dB)	Jammer (dBm)	PER (%)
2428.50	25.8	16.4	7.4	2.0	-52.5	<=8.0
2428.55	25.4	16.4	7.0	2.0	-52.9	<=8.0
2428.60	25.1	16.4	6.7	2.0	-53.2	<=8.0
2428.65	24.9	16.4	6.5	2.0	-53.4	<=8.0
2428.70	25.0	16.4	6.6	2.0	-53.3	<=8.0
2428.75	25.0	16.4	6.6	2.0	-53.3	<=8.0
2428.80	25.1	16.4	6.7	2.0	-53.2	<=8.0
2428.85	25.3	16.4	6.9	2.0	-53.0	<=8.0
2428.90	25.3	16.4	6.9	2.0	-53.0	<=8.0
2428.95	25.1	16.4	6.7	2.0	-53.2	<=8.0
2429.00	24.7	16.4	6.3	2.0	-53.6	<=8.0
2429.05	24.2	16.4	5.8	2.0	-54.1	<=8.0
2429.10	24.0	16.4	5.6	2.0	-54.3	<=8.0
2429.15	24.1	16.4	5.7	2.0	-54.2	<=8.0
2429.20	24.1	16.4	5.7	2.0	-54.2	<=8.0
2429.25	24.5	16.4	6.1	2.0	-53.8	<=8.0
2429.30	24.9	16.4	6.5	2.0	-53.4	<=8.0
2429.35	24.8	16.4	6.4	2.0	-53.5	<=8.0
2429.40	24.3	16.4	5.9	2.0	-54.0	<=8.0
2429.45	24.2	16.4	5.8	2.0	-54.1	<=8.0
2429.50	24.2	16.4	5.8	2.0	-54.1	<=8.0
2429.55	23.8	16.4	5.4	2.0	-54.5	<=8.0
2429.60	23.5	16.4	5.1	2.0	-54.8	<=8.0
2429.65	22.4	16.4	4.0	2.0	-55.9	<=8.0
2429.70	23.0	16.4	4.6	2.0	-55.3	<=8.0
2429.75	22.8	16.4	4.4	2.0	-55.5	<=8.0
2429.80	22.7	16.4	4.3	2.0	-55.6	<=8.0
2429.85	21.6	16.4	3.2	2.0	-56.7	<=8.0
2429.90	21.9	16.4	3.5	2.0	-56.4	<=8.0
2429.95	21.9	16.4	3.5	2.0	-56.4	<=8.0
2430.00	21.6	16.4	3.2	2.0	-56.7	<=8.0
2430.05	21.3	16.4	2.9	2.0	-57.0	<=8.0
2430.10	20.8	16.4	2.4	2.0	-57.5	<=8.0
2430.15	20.2	16.4	1.8	2.0	-58.1	<=8.0
2430.20	20.2	16.4	1.8	2.0	-58.1	<=8.0
2430.25	20.2	16.4	1.8	2.0	-58.1	<=8.0
2430.30	19.8	16.4	1.4	2.0	-58.5	<=8.0
2430.35	19.8	16.4	1.8	2.0	-58.5	<=8.0
2430.40	19.3	16.4	0.9	2.0	-59.0	<=8.0
2430.45	19.3	16.4	0.9	2.0	-59.0	<=8.0
2430.50	19.4	16.4	1.0	2.0	-58.9	<=8.0

## [ Processing Gain for Channel 6 ]

2430.55	19.3	16.4	0.9	2.0	-59.0	<=8.0
2430.60	19.2	16.4	0.8	2.0	-59.1	<=8.0
2430.65	19.1	16.4	0.7	2.0	-59.2	<=8.0
2430.70	18.7	16.4	0.3	2.0	-59.6	<=8.0
2430.75	18.6	16.4	0.2	2.0	-59.7	<=8.0
2430.80	18.3	16.4	-0.1	2.0	-60.0	<=8.0
2430.85	17.9	16.4	-0.5	2.0	-61.4	<=8.0
2430.90	17.7	16.4	-0.7	2.0	-60.6	<=8.0
2430.95	17.4	16.4	-1.0	2.0	-60.9	<=8.0
2431.00	17.4	16.4	-1.0	2.0	-60.9	<=8.0
2431.05	17.0	16.4	-1.4	2.0	-61.3	<=8.0
2431.10	16.6	16.4	-1.8	2.0	-61.7	<=8.0
2431.15	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2431.20	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2431.25	19.8	16.4	-1.6	2.0	-61.5	<=8.0
2431.30	16.7	16.4	-1.7	2.0	-61.6	<=8.0
2431.35	16.5	16.4	-1.9	2.0	-61.8	<=8.0
2431.40	16.1	16.4	-2.3	2.0	-62.2	<=8.0
2431.45	16.3	16.4	-2.1	2.0	-62.0	<=8.0
2431.50	16.2	16.4	-2.2	2.0	-62.1	<=8.0
2431.55	16.0	16.4	-2.4	2.0	-62.3	<=8.0
2431.60	15.8	16.4	-2.6	2.0	-62.5	<=8.0
2431.65	15.4	16.4	-3.0	2.0	-62.9	<=8.0
2431.70	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2431.75	15.3	16.4	-3.1	2.0	-63.0	<=8.0
2431.80	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2431.85	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2431.90	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2431.95	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2432.00	14.3	16.4	-4.1	2.0	-64.0	<=8.0
2432.05	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2432.10	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2432.15	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2432.20	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2432.25	14.7	16.4	-3.7	2.0	-63.6	<=8.0
2432.30	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2432.35	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2432.40	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2432.45	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2432.50	14.8	16.4	-3.6	2.0	-63.5	<=8.0
2432.55	14.6	16.4	-3.8	2.0	-63.7	<=8.0
2432.60	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2432.65	14.5	16.4	-3.9	2.0	-63.8	<=8.0
2432.70	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2432.75	14.4	16.4	-4.0	2.0	-63.9	<=8.0
2432.80	14.3	16.4	-4.1	2.0	-64.0	<=8.0

## [ Processing Gain for Channel 6 ]

2432.85	14.2	16.4	-4.2	2.0	-64.1	<=8.0
2432.90	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2432.95	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2433.00	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2433.05	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2433.10	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2433.15	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2433.20	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2433.25	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2433.30	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2433.35	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2433.40	13.6	16.4	-4.8	2.0	-64.7	<=8.0
2433.45	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2433.50	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2433.55	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2433.60	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2433.65	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2433.70	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2433.75	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2433.80	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2433.85	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2433.90	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2433.95	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2434.00	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2434.05	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2434.10	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2434.15	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2434.20	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2434.25	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2434.30	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2434.35	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2434.40	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2434.45	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2434.50	13.0	16.4	-5.4	2.0	-65.6	<=8.0
2434.55	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2434.60	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2434.65	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2434.70	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2434.75	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2434.80	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2434.85	12.4	16.4	-6.0	2.0	-65.9	<=8.0
2434.90	12.2	16.4	-6.2	2.0	-66.1	<=8.0
2434.95	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2435.00	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2435.05	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2435.10	12.4	16.4	-6.0	2.0	-65.9	<=8.0

## [ Processing Gain for Channel 6 ]

2435.15	12.3	16.4	6.1	2.0	-66.0	<=8.0
2435.20	12.3	16.4	6.1	2.0	-66.0	<=8.0
2435.25	12.5	16.4	5.9	2.0	-65.8	<=8.0
2435.30	12.6	16.4	5.8	2.0	-65.7	<=8.0
2435.35	12.9	16.4	5.5	2.0	-65.4	<=8.0
2435.40	12.8	16.4	5.6	2.0	-65.5	<=8.0
2435.45	13.1	16.4	5.3	2.0	-65.2	<=8.0
2435.50	12.9	16.4	5.5	2.0	-65.4	<=8.0
2435.55	12.9	16.4	5.5	2.0	-65.4	<=8.0
2435.60	12.7	16.4	5.7	2.0	-65.6	<=8.0
2435.65	12.5	16.4	5.9	2.0	-65.8	<=8.0
2435.70	12.8	16.4	5.6	2.0	-65.5	<=8.0
2435.75	12.8	16.4	5.6	2.0	-65.5	<=8.0
2435.80	12.8	16.4	5.6	2.0	-65.5	<=8.0
2435.85	12.8	16.4	5.6	2.0	-65.5	<=8.0
2435.90	12.8	16.4	5.6	2.0	-65.5	<=8.0
2435.95	12.8	16.4	5.6	2.0	-65.5	<=8.0
2436.00	12.8	16.4	5.6	2.0	-65.5	<=8.0
2436.05	12.9	16.4	5.5	2.0	-65.4	<=8.0
2436.10	12.9	16.4	5.5	2.0	-65.4	<=8.0
2436.15	12.9	16.4	5.5	2.0	-65.4	<=8.0
2436.20	12.8	16.4	5.6	2.0	-65.5	<=8.0
2436.25	12.9	16.4	5.5	2.0	-65.4	<=8.0
2436.30	12.8	16.4	5.6	2.0	-65.5	<=8.0
2436.35	12.7	16.4	5.7	2.0	-65.6	<=8.0
2436.40	12.3	16.4	6.1	2.0	-66.0	<=8.0
2436.45	12.8	16.4	5.6	2.0	-65.5	<=8.0
2436.50	13.0	16.4	5.4	2.0	-65.3	<=8.0
2436.55	13.0	16.4	5.4	2.0	-65.3	<=8.0
2436.60	12.3	16.4	6.1	2.0	-66.0	<=8.0
2436.65	12.4	16.4	6.0	2.0	-65.9	<=8.0
2436.70	12.9	16.4	5.5	2.0	-65.4	<=8.0
2436.75	13.0	16.4	5.4	2.0	-65.3	<=8.0
2436.80	13.0	16.4	5.4	2.0	-65.3	<=8.0
2436.85	12.8	16.4	5.6	2.0	-65.5	<=8.0
2436.90	12.7	16.4	5.7	2.0	-65.6	<=8.0
2436.95	12.7	16.4	5.7	2.0	-65.6	<=8.0
2437.00	12.6	16.4	5.8	2.0	-65.7	<=8.0
2437.05	12.4	16.4	6.0	2.0	-65.9	<=8.0
2437.10	12.1	16.4	6.3	2.0	-66.2	<=8.0
2437.15	12.1	16.4	6.3	2.0	-66.2	<=8.0
2437.20	12.5	16.4	5.9	2.0	-65.8	<=8.0
2437.25	12.5	16.4	5.9	2.0	-65.8	<=8.0
2437.30	12.7	16.4	5.7	2.0	-65.6	<=8.0
2437.35	12.9	16.4	5.5	2.0	-65.4	<=8.0
2437.40	13.0	16.4	5.4	2.0	-65.3	<=8.0



## [ Processing Gain for Channel 6 ]

2437.45	12.9	16.4	-5.5	2.0	-65.4	≤8.0
2437.50	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2437.55	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2437.60	12.9	16.4	-5.5	2.0	-65.4	≤8.0
2437.65	12.5	16.4	-5.9	2.0	-65.8	≤8.0
2437.70	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2437.75	12.6	16.4	-5.8	2.0	-65.7	≤8.0
2437.80	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2437.85	12.7	16.4	-5.7	2.0	-65.6	≤8.0
2437.90	12.1	16.4	-6.3	2.0	-66.2	≤8.0
2437.95	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2438.00	12.9	16.4	-5.5	2.0	-65.4	≤8.0
2438.05	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.10	13.1	16.4	-5.3	2.0	-65.2	≤8.0
2438.15	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.20	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.25	13.1	16.4	-5.3	2.0	-65.2	≤8.0
2438.30	13.1	16.4	-5.3	2.0	-65.2	≤8.0
2438.35	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.40	12.2	16.4	-6.2	2.0	-66.1	≤8.0
2438.45	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.50	13.1	16.4	-5.3	2.0	-65.2	≤8.0
2438.55	13.1	16.4	-5.3	2.0	-65.2	≤8.0
2438.60	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.65	12.9	16.4	-5.5	2.0	-65.4	≤8.0
2438.70	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.75	12.9	16.4	-5.5	2.0	-65.4	≤8.0
2438.80	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2438.85	12.9	16.4	-5.5	2.0	-65.4	≤8.0
2438.90	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2438.95	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2439.00	12.7	16.4	-5.7	2.0	-65.6	≤8.0
2439.05	12.7	16.4	-5.7	2.0	-65.6	≤8.0
2439.10	12.5	16.4	-5.9	2.0	-65.8	≤8.0
2439.15	12.4	16.4	-6.0	2.0	-65.9	≤8.0
2439.20	12.4	16.4	-6.0	2.0	-65.9	≤8.0
2439.25	12.5	16.4	-5.9	2.0	-65.8	≤8.0
2439.30	12.7	16.4	-5.7	2.0	-65.6	≤8.0
2439.35	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2439.40	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2439.45	12.9	16.4	-5.5	2.0	-65.4	≤8.0
2439.50	13.1	16.4	-5.3	2.0	-65.2	≤8.0
2439.55	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2439.60	13.0	16.4	-5.4	2.0	-65.3	≤8.0
2439.65	12.8	16.4	-5.6	2.0	-65.5	≤8.0
2439.70	12.8	16.4	-5.6	2.0	-65.5	≤8.0

## [ Processing Gain for Channel 6 ]

2439.75	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2439.80	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2439.85	12.3	16.4	-6.1	2.0	-66.0	<=8.0
2439.90	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2439.95	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2440.00	12.5	16.4	-5.9	2.0	-65.8	<=8.0
2440.05	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2440.10	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2440.15	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2440.20	13.0	16.4	-5.4	2.0	-65.3	<=8.0
2440.25	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2440.30	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2440.35	13.1	16.4	-5.3	2.0	-65.2	<=8.0
2440.40	12.8	16.4	-5.6	2.0	-65.5	<=8.0
2440.45	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2440.50	13.2	16.4	-5.2	2.0	-65.1	<=8.0
2440.55	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2440.60	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2440.65	12.6	16.4	-5.8	2.0	-65.7	<=8.0
2440.70	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2440.75	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2440.80	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2440.85	12.7	16.4	-5.7	2.0	-65.6	<=8.0
2440.90	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2440.95	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2441.00	13.4	16.4	-5.0	2.0	-64.9	<=8.0
2441.05	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2441.10	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2441.15	12.9	16.4	-5.5	2.0	-65.4	<=8.0
2441.20	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2441.25	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2441.30	13.3	16.4	-5.1	2.0	-65.0	<=8.0
2441.35	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2441.40	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2441.45	13.5	16.4	-4.9	2.0	-64.8	<=8.0
2441.50	14.0	16.4	-4.4	2.0	-64.3	<=8.0
2441.55	14.1	16.4	-4.3	2.0	-64.2	<=8.0
2441.60	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2441.65	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2441.70	13.7	16.4	-4.7	2.0	-64.6	<=8.0
2441.75	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2441.80	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2441.85	13.9	16.4	-4.5	2.0	-64.4	<=8.0
2441.90	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2441.95	13.8	16.4	-4.6	2.0	-64.5	<=8.0
2442.00	14.0	16.4	-4.4	2.0	-64.3	<=8.0