Exhibit C.....Measurement Report

FCC Part 15
EMI TEST REPORT

of

E.U.T. : LANEscape
MODEL : WL2432
FCC ID. : M4Y-WL2432

for

APPLICANT : Z-COM, INC.

ADDRESS : 7F-2, NO. 9, PROSEPERITY 1ST RD., SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.

Test Performed by

ELECTRONICS TESTING CENTER, TAIWAN
NO. 8 LANE 29, WENMIMG ROAD,
LOSHAN TSUN, KWEISHAN HSIANG,
TAOYUAN, TAIWAN, R.O.C.

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Report Number : ET88R-06-056-01

TEST REPORT CERTIFICATION

Applicant	: Z-COM, INC. 7F-2, NO. 9, PROSEPERITY 1ST RD., SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.
Manufacturer	: Z-COM, INC. 7F-2, NO. 9, PROSEPERITY 1ST RD., SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN, R.O.C.
Description of EUT	:
a) Type of EUT	: LANEscape
b) Trade Name	: N/A
c) Model No.	: WL2432
d) Power Supply	: From Notebook PC
Regulation Applied	: FCC Rules and Regulations Part 15 Subpart B & C (1997)

I HEREBY CERTIFY THAT: The data shown in this report were made in accordance with the procedures given in ANSI C63.4, and the energy emitted by the device was founded to be within the limits applicable. I assume full responsibility for accuracy and completeness of these data.

Note: 1. The result of the testing report relate only to the item tested.
2. The testing report shall not be reproduced expect in full, without the written approval of ETC.

Issued Date : JUL. 28, 1999

Test Engineer : Chin Cheng Yeh
(Chin Cheng Yeh)

Approve & Authorized Signer : Will Yauo
Will Yauo, Supervisor
EMI Test Site of ELECTRONICS TESTING CENTER, TAIWAN

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1 GENERAL INFORMATION

1.1 Product Description

a) Type of EUT : LANEscape
b) Trade Name : N/A
c) Model No. : WL2432
d) Power Supply : From Notebook PC

1.2 Characteristics of Device

The LANEscape designed with a transmitting method of direct sequence spread spectrum is for local area network operation, which operates at 2.4 GHz ISM band and data rate up to 2 Mbps. The spread spectrum unit is AM79C930 and the rated output power is 17 dBm (50 mW).

1.3 Test Methodology

For LANEscape, both conducted and radiated emissions were performed according to the procedures illustrated in ANSI C63.4(1992) and for processing gain measurement is according to FCC Public Notice. Other required measurements were illustrated in separate sections of this test report for details.

1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located on the roof top of Building at No. 34, Lin 5, Ding Fu Tsun, Linkou Hsiang, Taipei Hsien, Taiwan 244, R.O.C.
This site has been fully described in a report submitted to your office, and accepted in a letter dated Feb. 10 , 1997.

2 PROVISIONS APPLICABLE

2.1 Definition

Unintentional radiator:

A device that intentionally generates and radio frequency energy for use within the device, or that sends radio frequency signals by conduction to associated equipment via connecting wiring, but which is not intended to emit RF energy by radiation or induction.

Class A Digital Device:

A digital device which is marketed for use in commercial or business environment; exclusive of a device which is market for use by the general public, or which is intended to be used in the home.

Class B Digital Device :

A digital device which is marketed for use in a residential environment notwithstanding use in a commercial, business of industrial environment. Example of such devices that are marketed for the general public.

Note : A manufacturer may also qualify a device intended to be marketed in a commercial, business, or industrial environment as a Class B digital device, and in fact is encouraged to do so, provided the device complies with the technical specifications for a Class B Digital Device. In the event that a particular type of device has been found to repeatedly cause harmful interference to radio communications, the Commission may classify such a digital device as a Class B Digital Device, Regardless of its intended use.

Intentional radiator:

A device that intentionally generates and emits radio frequency energy by radiation or induction.

2.2 Requirement for Compliance

(1) Conducted Emission Requirement

For unintentional device, according to § 15.107(a) Line Conducted Emission Limits is as following:

Frequency MHz	Emissions μV	Emissions dB μV
0.45 - 30.0	250	48.0

For intentional device, according to § 15.207(a) Line Conducted Emission Limits is same as above table.

(2) Radiated Emission Requirement

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency MHz	Distance Meters	Radiated dB μV/m	Radiated μV/m
30 - 88	3	40.0	100
88 - 216	3	43.5	150
216 - 960	3	46.0	200
above 960	3	54.0	500

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emissions from intentional radiators at a distance of 3 meters shall not exceed the above table.

(3) Antenna Requirement

For intentional device, according to § 15.203, 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.

(4) Bandwidth Requirement

For direct sequence system, according to 15.247(a)(2), the minimum 6dB bandwidth shall be at least 500 kHz.

(5) Output Power Requirement

For direct sequence system, according to 15.247(b), the maximum peak output power of the transmitter shall not exceed 1 Watt. If transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(6) 100 kHz Bandwidth of Frequency Band Edges Requirement

According to 15.247(c), if any 100 kHz bandwidth outside these frequency bands, the radio frequency power that is produced by the modulation products of the spreading sequence, the information sequence and the carrier frequency shall be either at least 20 dB below that in any 100 kHz bandwidth within the band that contains the highest level of the desired power or shall not exceed the general levels specified in § 15.209(a), whichever results in the lesser attenuation.

(7) Power Density Requirement

According to 15.247(d), for direct sequence systems, the transmitted power density averaged over any 1 second interval shall not be greater than 8 dBm in any 3 kHz bandwidth within these bands.

(8) Processing Gain Requirement

According to 15.247(e), the processing gain of a direct sequence system shall be at least 10 dB. The processing gain shall be determined from the ratio in dB of the signal to noise ratio with the system spreading code turned off to the signal to noise ratio with the system spreading code turned on, as measured at the demodulated output of the receiver.

2.3 Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below :

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42-16.423	399.9-410	4.5-5.25
0.495 - 0.505 **	16.69475 - 16.69525	608-614	5.35-5.46
2.1735 - 2.1905	16.80425 - 16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475 - 156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2655-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3360-4400	Above 38.6
13.36-13.41			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

2.4 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device :

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions : (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

2.5 User Information

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual.

The Federal Communications Commission Radio Frequency Interference Statement includes the following paragraph.

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio / TV technician for help.

3. SYSTEM TEST CONFIGURATION

3.1 Justification

For both radiated and conducted emissions below 1 GHz, the system was configured for testing in a typical fashion as a customer would normally use it. The peripherals other than EUT were connected in normally standing by situation. Measurement was performed under the condition that a computer program was exercised to simulate data communication of EUT, and the transmission rate was set to maximum allowed by EUT. Three highest emissions were verified with varying placement of the transmitting antenna connected to EUT to maximize the emission from EUT.

For conducted emissions, only measured on TX and RX operation, for the digital circuits portion also function normally whenever TX or RX is operated. For radiated emissions, whichever RF channel is operated, the digital circuits function identically. As the reason, measurement of radiated emissions from digital circuits is only performed with channel 7 by transmitting mode.

During the preliminary test, the worse case is the antenna with a cable, and data presented in this test report just shows the worse case.

3.2 Devices for Tested System

Device	Manufacture	Model / FCC ID.	Cable Description
LANEscape *	Z-COM, INC.	WL2432 M4Y-WL2432	Antenna cable 1.8m
Note Book Computer	ACER	A350PC GQ8350	1.8m Unshielded Power Cord 1.2m Shielded Cable

Remark "*" means equipment under test.

Devices for tested system, continued

Device	Manufacture	Model / FCC ID.	Description
Printer	Hewlett-Packard	2225C+ DSI6XU2225	1.2m Shielded Cable Adapter cord 1.9m
Modem	AT1200	EF56A51200AT	2.0m Shielded Cable

4 RADIATED EMISSION MEASUREMENT

4.1 Applicable Standard

For unintentional radiator, the radiated emission shall comply with § 15.109(a).

For intentional radiators, according to § 15.247 (a), operation under this provision is limited to frequency hopping and direct sequence spread spectrum, and the out band emission shall be comply with § 15.247 (c)

4.2 Measurement Procedure

1. Setup the configuration per figure 5 and 6 for frequencies measured below and above 1 GHz respectively.
2. For emission frequencies measured below 1 GHz, a pre-scan is performed in a shielded chamber to determine the accurate frequencies of higher emissions will be checked on a open test site. As the same purpose, for emission frequencies measured above 1 GHz, a pre-scan also be performed with a 1 meter measuring distance before final test.
3. For emission frequencies measured below and above 1 GHz, set the spectrum analyzer on a 100 kHz and 1 MHz resolution bandwidth respectively for each frequency measured in step 2.
4. The search antenna is to be raised and lowered over a range from 1 to 4 meters in horizontally polarized orientation. Position the highness when the highest value is indicated on spectrum analyzer, then change the orientation of EUT on test table over a range from 0 ° to 360 ° with a speed as slow as possible, and keep the azimuth that highest emission is indicated on the spectrum analyzer. Vary the antenna position again and record the highest value as a final reading. A RF test receiver is also used to confirm emissions measured.

   Note : A band pass filter was used to avoid pre-amplifier saturated when measure TX operation mode in frequency band above 1 GHz.
5. Repeat step 4 until all frequencies need to be measured were complete.
6. Repeat step 5 with search antenna in vertical polarized orientations.
7. Check the three frequencies of highest emission with varying the placement of cables associated with EUT to obtain the worse case and record the result.

Figure 1 : Frequencies measured below 1 GHz configuration

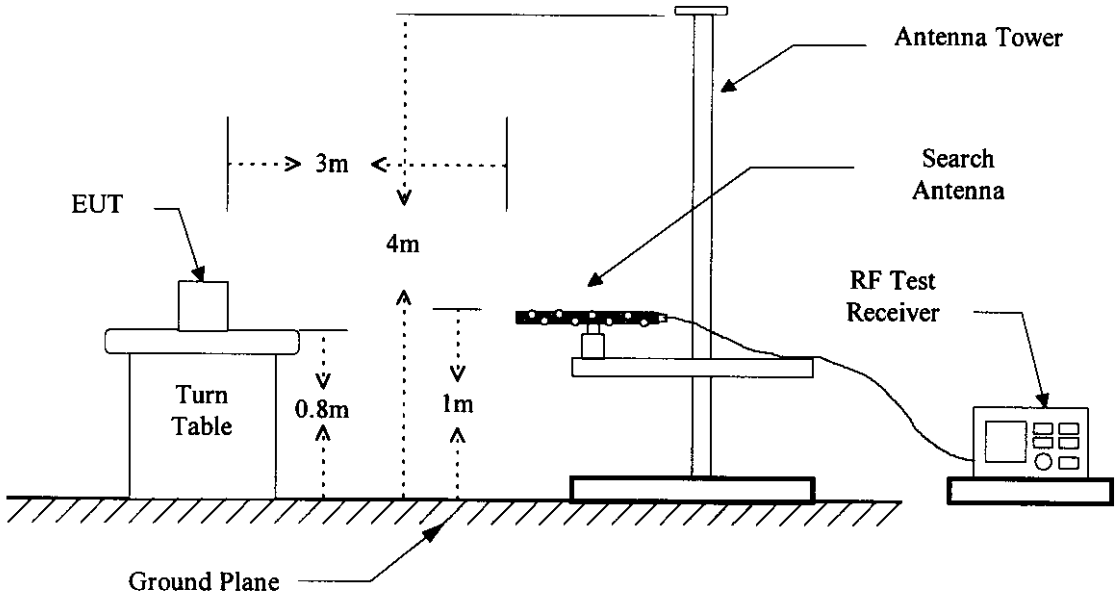
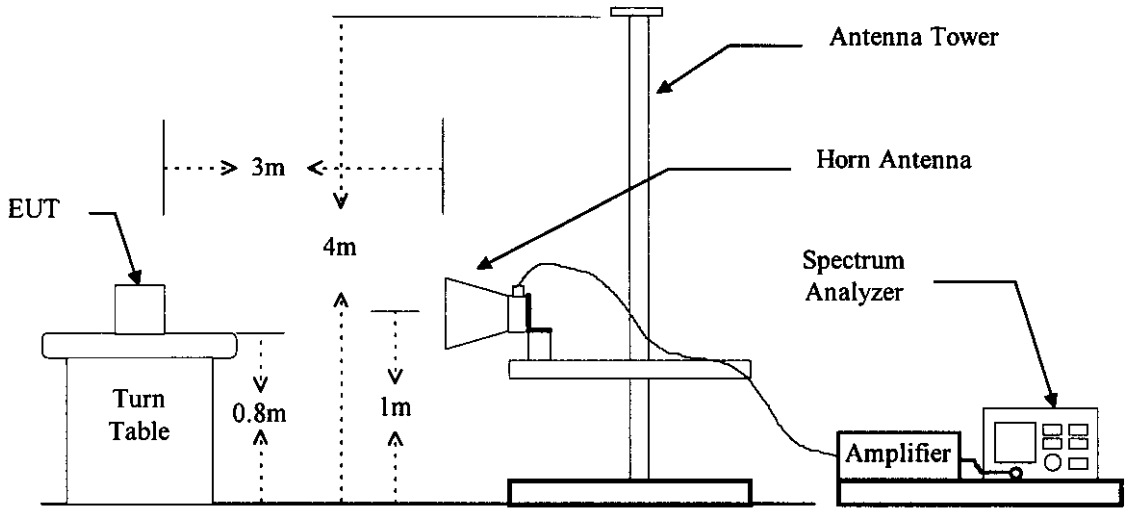


Figure 2 : Frequencies measured above 1 GHz configuration



4.3 Measuring Instrument

The following instrument are used for radiated emissions measurement :

Equipment	Manufacturer	Model No.	Next Cal. Due
Spectrum Analyzer	Hewlett-Packard	8568B	12/02/1999
Pre-selector	Hewlett-Packard	85685A	12/07/1999
Quasi Peak Detector	Hewlett-Packard	85650A	12/02/1999
Spectrum Analyzer	Adventest	R3271	08/24/1999
RF Test Receiver	Rohde & Schwarz	ESVS 30	01/10/2000
Horn Antenna	EMCO	3116	05/08/2000
Horn Antenna	EMCO	3115	08/22/1999
Log periodic Antenna	EMCO	3146	09/15/1999
Biconical Antenna	EMCO	3110	09/15/1999
Preamplifier	Hewlett-Packard	8449B	06/21/2000
Preamplifier	Hewlett-Packard	8447D	11/30/1999
Micro Wave EMI Test System	Hewlett-Packard	84125C	01/24/2000

Measuring instrument setup in measured frequency band when specified detector function is used :

Frequency Band (MHz)	Instrument	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	RF Test Receiver	Quasi-Peak	120 kHz	N/A
	Spectrum Analyzer	Peak	100 kHz	100 kHz
Above 1000	Spectrum Analyzer	Peak	1 MHz	1 MHz
	Spectrum Analyzer	Average	1 MHz	300 Hz

4.4 Radiated Emission Data

4.4.1 RF Portion

a) Channel 1

Operation Mode : Receiving /Transmitting

Fundamental Frequency : 2.412 GHz

Test Date : JUN. 23, 1999 Temperature : 20 ℃ Humidity : 50%

Frequency (MHz)	Reading Peak (dBuV) H	V	Factor (dB) Corr.	Result @3m (dBuV/m)	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (m)
*2132.067	46.7	43.8	-4.1	42.6	74.0	54.0	-11.4	270	1.20
*4264.134	43.6	46.1	2.0	48.1	74.0	54.0	-5.9	270	1.20
*6396.201	45.1	45.9	4.5	50.4	74.0	54.0	-3.6	270	1.00
*8528.268	45.7	43.1	6.8	52.5	74.0	54.0	-1.5	270	1.00
*10660.335	43.1	43.5	8.1	51.6	74.0	54.0	-2.4	270	1.00
*12792.402	---	---	9.9	---	74.0	54.0	---	---	---
*14924.469	---	---	11.5	---	74.0	54.0	---	---	---
*17056.536	---	---	13.1	---	74.0	54.0	---	---	---
*19188.603	---	---	8.9	---	74.0	54.0	---	---	---
*21320.670	---	---	9.7	---	74.0	54.0	---	---	---
4824.134	42.2	44.3	2.6	46.9	74.0	54.0	-7.1	270	1.20
7236.201	45.4	45.3	5.8	51.2	74.0	54.0	-2.8	270	1.20
9648.268	45.0	45.1	7.3	52.4	74.0	54.0	-1.6	270	1.00
12060.335	43.1	43.2	9.2	52.4	74.0	54.0	-1.6	270	1.00
14472.402	41.2	41.3	11.6	52.9	74.0	54.0	-1.1	270	1.00
16884.469	---	---	12.1	---	74.0	54.0	---	---	---
19296.536	---	---	8.8	---	74.0	54.0	---	---	---
21708.603	---	---	9.8	---	74.0	54.0	---	---	---
24120.670	---	---	10.4	---	74.0	54.0	---	---	---

Note :

1. Remark "*" means that the emission frequency is produced from local oscillator.
2. Remark "---" means that the emission level is too low to be measured (a pre-amplifier of about 35 dB is used).
3. Measuring data showed on above table was derived with peak detector function.
4. Margin is referred to average limits.

b) Channel 7

Operation Mode : Receiving / Transmitting

Fundamental Frequency : 2.442 GHz

Test Date : JUN. 23, 1999 Temperature : 20 ℃ Humidity : 50%

Frequency (MHz)	Reading Peak (dBuV) H	V	Factor (dB) Corr.	Result @3m (dBuV/m)	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (m)
*2162.183	46.3	45.9	-4.0	42.3	74.0	54.0	-11.7	270	1.20
*4324.366	42.4	44.9	2.0	46.9	74.0	54.0	-7.1	270	1.20
*6486.549	43.5	44.6	4.5	49.1	74.0	54.0	-4.9	270	1.00
*8648.732	44.6	44.1	6.9	51.5	74.0	54.0	-2.5	270	1.00
*10810.915	43.5	43.9	8.3	52.2	74.0	54.0	-1.8	270	1.00
*12973.098	---	---	10.3	---	74.0	54.0	---	---	---
*15135.281	---	---	10.8	---	74.0	54.0	---	---	---
*17297.464	---	---	14.8	---	74.0	54.0	---	---	---
*19459.647	---	---	8.6	---	74.0	54.0	---	---	---
*21621.830	---	---	9.7	---	74.0	54.0	---	---	---
4884.000	44.0	42.8	2.7	46.7	74.0	54.0	-7.3	270	1.30
7326.000	46.3	45.1	5.9	52.2	74.0	54.0	-1.8	270	1.20
9768.000	44.2	44.1	7.3	51.5	74.0	54.0	-2.5	270	1.00
12210.000	43.1	42.6	9.3	52.4	74.0	54.0	-1.6	270	1.00
14652.000	40.0	39.4	11.6	51.6	74.0	54.0	-2.4	270	1.00
17094.000	---	---	13.4	---	74.0	54.0	---	---	---
19536.000	---	---	8.5	---	74.0	54.0	---	---	---
21978.000	---	---	9.9	---	74.0	54.0	---	---	---
24420.000	---	---	10.7	---	74.0	54.0	---	---	---

Note :

1. Remark "*" means that the emission frequency is produced from local oscillator.
2. Remark "---" means that the emission level is too low to be measured (a pre-amplifier of about 35 dB is used).
3. Measuring data showed on above table was derived with peak detector function.
4. Margin is referred to average limits.

c) Channel 13

Operation Mode : Receiving / Transmitting

Fundamental Frequency : 2.472 GHz

Test Date : JUN. 23, 1999 Temperature : 20 ℃ Humidity : 50%

Frequency (MHz)	Reading Peak (dBuV) H	V	Factor (dB) Corr.	Result @3m (dBuV/m)	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (m)
*2192.250	45.2	44.8	-3.9	41.3	74.0	54.0	-12.7	270	1.20
*4384.500	43.2	45.4	2.0	47.4	74.0	54.0	-6.6	270	1.20
*6576.750	44.1	45.3	4.6	49.9	74.0	54.0	-4.1	270	1.00
*8769.000	44.1	43.5	6.9	51.0	74.0	54.0	-3.0	270	1.00
*10961.250	44.5	44.2	8.5	53.0	74.0	54.0	-1.0	270	1.00
*13153.500	---	---	10.5	---	74.0	54.0	---	---	---
*15345.750	---	---	9.8	---	74.0	54.0	---	---	---
*17538.000	---	---	16.3	---	74.0	54.0	---	---	---
*19730.250	---	---	8.5	---	74.0	54.0	---	---	---
*21922.500	---	---	9.9	---	74.0	54.0	---	---	---
4944.000	42.4	43.3	2.8	46.1	74.0	54.0	-7.9	270	1.20
7416.000	45.6	46.0	6.1	52.1	74.0	54.0	-1.9	270	1.20
9888.000	44.3	43.2	7.4	51.7	74.0	54.0	-2.3	270	1.00
12360.000	42.5	43.1	9.3	52.4	74.0	54.0	-1.6	270	1.00
14832.000	---	---	11.5	---	74.0	54.0	---	---	---
17304.000	---	---	14.8	---	74.0	54.0	---	---	---
19776.000	---	---	8.6	---	74.0	54.0	---	---	---
22248.000	---	---	10.1	---	74.0	54.0	---	---	---
24720.000	---	---	11.0	---	74.0	54.0	---	---	---

Note :

1. Remark "*" means that the emission frequency is produced from local oscillator.
2. Remark "--" means that the emission level is too low to be measured (a pre-amplifier of about 35 dB is used).
3. Measuring data showed on above table was derived with peak detector function.
4. Margin is referred to average limits.

4.4.2 Digital Portion

a) Emission frequencies below 1 GHz

Test Date : JUN. 23, 1999 Temperature : 20 ℃ Humidity : 50%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result @3m (dBuV/m)	Limit @3m (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (m)
160.000	H	45.1	-9.5	35.6	43.5	-7.9	90	1.20
191.986	H	41.9	-8.1	33.8	43.5	-9.7	180	1.20
205.506	H	47.0	-6.8	40.2	43.5	-3.3	110	1.00
240.151	H	44.3	-4.5	39.8	46.0	-6.2	235	1.00
334.070	V	50.9	-8.1	42.8	46.0	-3.2	270	1.00
600.400	V	43.7	-4.5	39.2	46.0	-6.8	180	1.00

b) Emission frequencies above 1 GHz

Radiated emission frequencies above 1 GHz to 5 GHz were too low to be measured with a pre-amplifier of 35 dB.

4.5 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor, High Pass Filter Loss(if used) and Cable Loss, and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

where

Corrected Factor = Antenna FACTOR + Cable Loss + High Pass Filter Loss - Amplifier Gain

5 CONDUCTED EMISSION MEASUREMENT

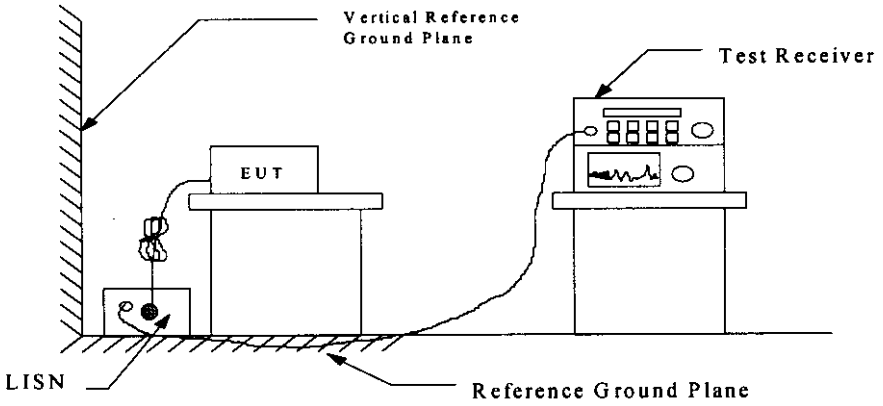
5.1 Standard Applicable

For unintentional and intentional device, Line Conducted Emission Limits are in accordance to § 15.107(a) and § 15.207(a) respectively. Both Limits are identical specification.

5.2 Measurement Procedure

1. Setup the configuration per figure 3.
2. A preliminary scan with a spectrum monitor is performed to identify the frequency of emission that has the highest amplitude relative to the limit by operating the EUT in selected modes of operation, typical cable positions, and with a typical system configuration.
3. Record the 6 or 8 highest emissions relative to the limit.
4. Measure each frequency obtained from step 3 by a test receiver set on quasi peak detector function, and then record the accuracy frequency and emission level. If all emissions measured in the specified band are attenuated more than 20 dB from the limit, this step would be ignored, and the peak detector function would be used.
5. Confirm the highest three emissions with variation of the EUT cable configuration and record the final data.
6. Repeat all above procedures on measuring each operation mode of EUT.

Figure 3 : Conducted emissions measurement configuration



5.3 Conducted Emission Data

a) Channel 1

Operation Mode : Transmitting / Receiving
Test Date : JUL. 02, 1999 Temperature : 25 ℃ Humidity: 55 %

Frequency	Reading (dBuV)		Factor	Result (dBuV)		Limit	Margin
(MHz)	Va	Vb	(dB)	Va	Vb	(dBuV)	(dB)
0.4808	36.9	36.1	0.2	37.1	36.3	48.0	-10.9
0.5495	36.5	35.6	0.2	36.7	35.8	48.0	-11.3
0.6192	36.5	35.7	0.2	36.7	35.9	48.0	-11.3
2.2698	35.4	36.5	0.3	35.7	36.8	48.0	-11.2
3.4372	37.8	37.7	0.3	38.1	38.0	48.0	-9.9
4.4679	37.0	37.6	0.3	37.3	37.9	48.0	-10.1
5.0189	36.9	37.8	0.3	37.2	38.1	48.0	-9.9

b) Channel 7

Operation Mode : Transmitting / Receiving
Test Date : JUL. 02, 1999 Temperature : 25 ℃ Humidity: 55 %

Frequency	Reading (dBuV)		Factor	Result (dBuV)		Limit	Margin
(MHz)	Va	Vb	(dB)	Va	Vb	(dBuV)	(dB)
0.4808	36.9	36.9	0.2	37.1	37.1	48.0	-10.9
0.5495	35.6	35.9	0.2	35.8	36.1	48.0	-11.9
0.6192	36.2	35.5	0.2	36.4	35.7	48.0	-11.6
2.2698	34.5	36.8	0.3	34.8	37.1	48.0	-10.9
3.4372	38.3	38.6	0.3	38.6	38.9	48.0	-9.1
4.4679	36.5	38.6	0.3	36.8	38.9	48.0	-9.1
5.0189	36.7	37.7	0.3	37.1	38.0	48.0	-10.0

c) Channel 13

Operation Mode : Transmitting / Receiving
Test Date : JUL. 02, 1999 Temperature : 25 ℃ Humidity: 55 %

Frequency	Reading (dBuV)		Factor	Result (dBuV)		Limit	Margin
(MHz)	Va	Vb	(dB)	Va	Vb	(dBuV)	(dB)
0.4808	37.4	36.6	0.2	37.6	36.8	48.0	-10.4
0.5495	36.4	35.7	0.2	36.7	36.0	48.0	-11.3
0.6192	35.7	35.3	0.2	36.0	35.5	48.0	-12.0
2.2698	34.7	36.3	0.3	35.0	36.6	48.0	-11.4
3.4372	38.2	37.7	0.3	38.5	38.0	48.0	-9.5
4.4679	38.0	37.7	0.3	38.3	38.1	48.0	-9.7
5.0189	36.0	37.7	0.3	36.4	38.1	48.0	-9.9

Note : Please see appendix 1 for Ploted Datas

5.4 Result Data Calculation

The result data is calculated by adding the LISN Factor to the measured reading. The basic equation with a sample calculation is as follows:

RESULT = READING + LISN FACTOR

Assume a receiver reading of 22.5 dB μ V is obtained, and LISN Factor is 0.1 dB, then the total of disturbance voltage is 22.6 dB μ V.

RESULT = 22.5 + 0.1 = 22.6 dB μ V
Level in μ V = Common Antilogarithm[(22.6 dB μ V)/20]
= 13.48 μ V

5.5 Conducted Measurement Equipment

The following test equipment are used during the conducted test .

Equipment	Manufacturer	Model No.	Next Cal. Due
RF Test Receiver	Rohde and Schwarz	ESH3	01/10/2000
Spectrum Monitor	Rohde and Schwarz	EZM	N.C.R.
Line Impedance Stabilization network	Kyoritsu	KNW-407	11/30/1999
Plotter	Hewlett-Packard	7440A	N/A
Shielded Room	Riken		N.C.R.

6 ANTENNA REQUIREMENT

6.1 Standard Applicable

For intentional device, according to § 15.203, 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.

And according to § 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

6.2 Antenna Construction and Directional Gain

The antenna of this device is connected with special designed MMCX Connector. Please see constraction Photos Of Exhibit B for details.

The directional gain of antenna used for transmitting is 0dBi, and the details antenna construction please see ***Appendix 2***.

7 EMISSION BANDWIDTH MEASUREMENT

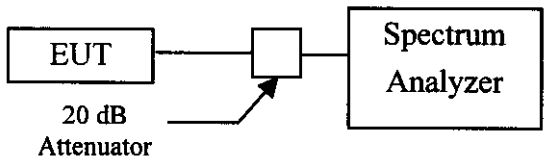
7.1 Standard Applicable

According to 15.247(a)(2), for direct sequence system, the minimum 6dB bandwidth shall be at least 500 kHz.

7.2 Measurement Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in figure 5 without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument . Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Measure the frequency difference of two frequencies that were attenuated 6 dB from the reference level. Record the frequency difference as the emission bandwidth.
4. Repeat above procedures until all frequencies measured were complete.

Figure 4: Emission bandwidth measurement configuration.



7.3 Measurement Equipment

Equipment	Manufacturer	Model No.	Next Cal. Due
RF Test Receiver	Rohde & Schwarz	ESBI	09/15/1999
Plotter	Hewlett-Packard	7440A	N/A
Attenuator	Weinschel Engineering	AS3667	N/A

7.4 Measurement Data

Test Date : JUL. 02, 1999 Temperature : 25 ℃ Humidity: 55 %

a) Channel 01 : 6 dB Emission Bandwidth is 7.57 MHz
b) Channel 07 : 6 dB Emission Bandwidth is 7.51 MHz
c) Channel 13 : 6 dB Emission Bandwidth is 7.53 MHz

Note: Please see Appendix 3 for ploted datas

8 OUTPUT POWER MEASUREMENT

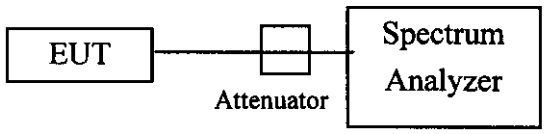
8.1 Standard Applicable

For direct sequence system, according to 15.247(b), the maximum peak output power of the transmitter shall not exceed 1 Watt. If transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

8.2 Measurement Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in figure 5 without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 3 MHz and VBW to 3 MHz.
4. Measure the highest amplitude appearing on spectral display and record the level to calculate result data.
5. Repeat above procedures until all frequencies measured were complete.

Figure 5: Output power and measurement configuration.



8.3 Measurement Equipment

Equipment	Manufacturer	Model No.	Next Cal. Due
RF Test Receiver	Rohde & Schwarz	ESBI	09/15/1999

8.4 Measurement Data

Test Date : JUL. 02, 1999 Temperature : 25 ℃ Humidity: 55 %

a) Channel 01 : Output Peak Power is 17.77 dBm or 59.84 mW
b) Channel 07 : Output Peak Power is 17.46 dBm or 55.71 mW
c) Channel 13 : Output Peak Power is 17.72 dBm or 59.15 mW

Note: Please see Appendix 4 for ploted datas

9 100 kHz BANDWIDTH OF BAND EDGES MEASUREMENT

9.1 Standard Applicable

According to 15.247(c), if any 100 kHz bandwidth outside these frequency bands, the radio frequency power that is produced by the modulation products of the spreading sequence, the information sequence and the carrier frequency shall be either at least 20 dB below that in any 100 kHz bandwidth within the band that contains the highest level of the desired power or shall not exceed the general levels specified in § 15.209(a), whichever results in the lesser attenuation.

9.2 Measurement Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in figure 5 without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range and make sure the instrument is operated in its linear range.
3. Set both RBW and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100kHz bandwidth from band edge.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

9.3 Measurement Equipment

Equipment	Manufacturer	Model No.	Next Cal. Due
RF Test Receiver	Rohde & Schwarz	ESBI	09/15/1999
Attenuator	Weinschel Engineering	1	N/A
Plotter	Hewlett-Packard	7440A	N/A

9.4 Measurement Data

Test Date : JUL. 02, 1999 Temperature : 25 ℃ Humidity: 55 %

a) Lower Band Edge : maximum value is –27.59 dBm that is attenuated more than 20 dB
b) Upper Band Edge : maximum value is –27.97 dBm that is attenuated more than 20 dB

Note: Please see Appendix 5 for ploted datas

10 POWER DENSITY MEASUREMENT

10.1 Standard Applicable

According to 15.247(d), for direct sequence systems, the transmitted power density averaged over any 1 second interval shall not be greater than 8 dBm in any 3 kHz bandwidth within these bands.

10.2 Measurement Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in figure 4 without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set EUT to any one measured frequency within its operating range and make sure the instrument is operated in its linear range.
3. Adjust the center frequency of spectrum analyzer on highest level appearing on spectral display within a 300 kHz frequency span.
4. Set the spectrum analyzer on a 3 kHz resolution bandwidth and 300 kHz video bandwidth as well as max. hold function. Also turn on SA level corrected function by 21 dB and then record the measurement result.
5. Repeat above procedures until all measured frequencies were complete.

10.3 Measurement Equipment

Equipment	Manufacturer	Model No.	Next Cal. Due
RF Test Receiver	Rohde & Schwarz	ESBI	09/15/1999
Attenuator	Weinschel Engineering	1	N/A
Plotter	Hewlett-Packard	7440A	N/A

10.4 Measurement Data

Test Date : JUL. 02, 1999 Temperature : 25 ℃ Humidity: 55 %

a) Channel 01 : Maximun Power Density of 3 kHz Bandwidth is –11.60 dBm
b) Channel 07 : Maximun Power Density of 3 kHz Bandwidth is –11.67 dBm
c) Channel 13 : Maximun Power Density of 3 kHz Bandwidth is –11.60 dBm

Note: Please see Appendix 6 for ploted datas

11 PROCESSING GAIN MEASUREMENT

11.1 Standard Applicable

According to 15.247(e), the processing gain of a direct sequence system shall be at least 10 dB. The processing gain shall be determined from the ratio in dB of the signal to noise ratio with the system spreading code turned off to the signal to noise ratio with the system spreading code turned on, as measured at the demodulated output of the receiver.

11.2 Measurement Description

The processing gain measurement is based upon the CW jamming margin method suggested in the FCC document entitled "GUIDANCE ON MEASUREMENTS FOR DIRECT SEQENCE SPREAD SPECTRUM SYSTEMS, 54597, July 12,1995"

The test consists of stepping a CW signal generator in 50KHz increment across pass band of each three channels within 2400 – 2483 MHz band. This CW signal represents the jamming signal. The selected three channels are as followings:

Channel 1: centered at 2412 MHz

Channel 7: centered at 2442 MHz

Channel 13: centered at 2472 MHz

These three channels represents the Low, Mid and High frequency bands of the EUT, respectively. And, the processing gain of the EUT determined for these bands should be representative of the entire band.

(1). Measurement Configuration

The measurement configuration (draw in next page) is according to FCC document 54797,page3.

(2)Procedures

(a) The test-firmware loaded into EUT(Tx) transmits a length of random data packet that is generated by Hp3784 BER tester. After receiving a Tx command from host PC, EUT sends a clock to synchronize with BER tester (Hp3784A).

(b) After receiving a Rx command from host PC, the test-firmware loaded into the EUT(Rx) will force EUT enter into Rx mode. The EUT(Rx) then, demodulates received data without CRC check, sends them to BER Tester. The BER Tester checks received data and the data stored in flash ROM, then calculates BER and accumulates the result.

(c) The remote PC acts as a command bridge between RS-232 port and PCMCIA bus.

(d) The host PC controls RF signal generator and spectrum analyzer via GPIB interface

to get an appropriate J/S ratio.

(e) The host PC issues TX command to EUT(Tx) then issues Rx query command received, the good Rx packet counter will be increased. When a fixed number of good Rx packets had been reached, the accumulated error bits will be read from EUT(Rx) via RS-232 and Remote PC. The J/S ratio will be re-measured at the same time.

(f) The test program in host PC increases or decreases jamming power and repeats step (d) and (e) to get a chosen BER, then records the J/S ratio.

(g) The test program in Host PC repeats step (f) by increasing CW jamming frequency in 50KHz step across entire pass band of each test channel.

(3) Test Condition

(a) The test configuration and procedure are according to the FCC document 54797, page 2-3.

(b) The pass band of each channel is 22MHz.

(c) The received data bit length executed in Host PC is fixed to 6.29×10E6. The chosen bit error rate (BER) is sustained to 1×10E-5.

(d) The power value of Signal and Jammer listed in the test results are read and recorded automatically by the program. The value is read directly from the function of "channel power measurement " of HP8563E Spectrum analyzer with the turn-off of signal or Jammer.

(4) Derivation of the Processing Gain

(a) The Processing Gain (Gp) is calculated according to the following equations:

Gp=(S/N)o + Mj + Lsys .....(4-1).... Refer to FCC document 54797 Page3

Where Mj = J/S ratio (dB)

Lsys =System losses (assumed to be 2 dB)

(S/N)o = the required signal to noise ratio at the receiver output for a given received signal quality

(b) Since the EUT uses coherent DBPSK/DQPSK demodulation, A (S/N)o=9.8dB is required to sustain a BER of 1×10E-5. The curve is shown in Fig.7.2, Viterbi, A.J. Principles of Coherent Communications, Page 192 (New York; McGraw-Hill, 1996), recommended by FCC document 54797.

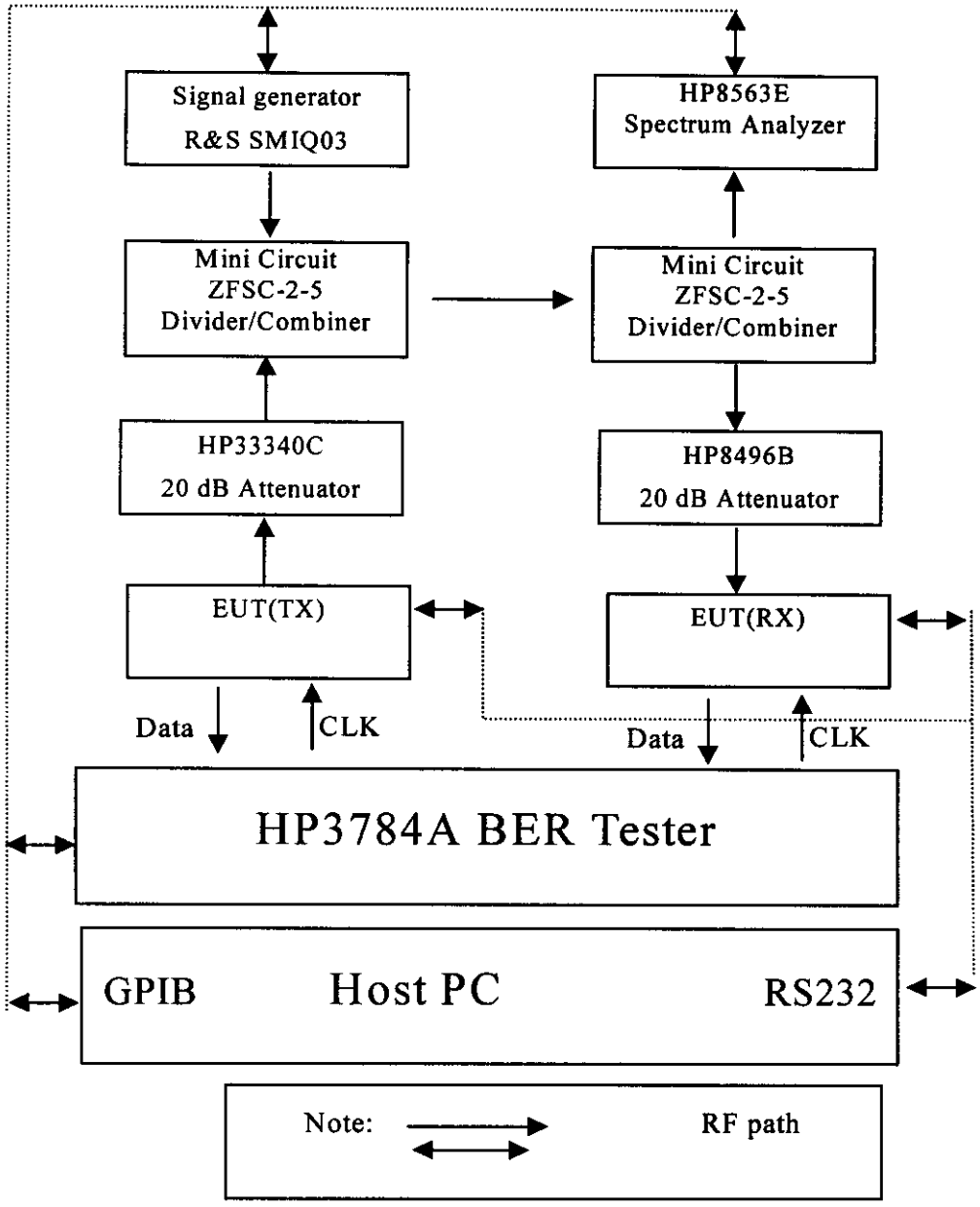
Therefore, from equation (4-1)

Gp=9.8 + J/S +2 (dB) = 11.8 + J/S (dB).....(4-2)

(5) Test Results

The tested data are listed in the following pages. After discarding the worst 20% of the J/S ratio data points, the lowest remaining J/S ratio is used to determine the

processing gain (PG), according to the derivative equation(4/2), of each tested channel.



11.3 Measurement Instrument

Equipment	Manufacturer	Model No.	Next Cal. Due
Spectrum Analyzer	Hewlett-Packard	HP8563E	07/04/2000
RF Signal Generator	Rohde & Schwarz	SMIQ03	11/02/1999
Attenuator	Hewlett-Packard	AP33341C 20dB	N/A
Attenuator	Hewlett-Packard	HP8496B 20dB	N/A
Combiner / Spliter	Mini Circuit	ZFSC-2-5	N/A

11.4 Measurement Data

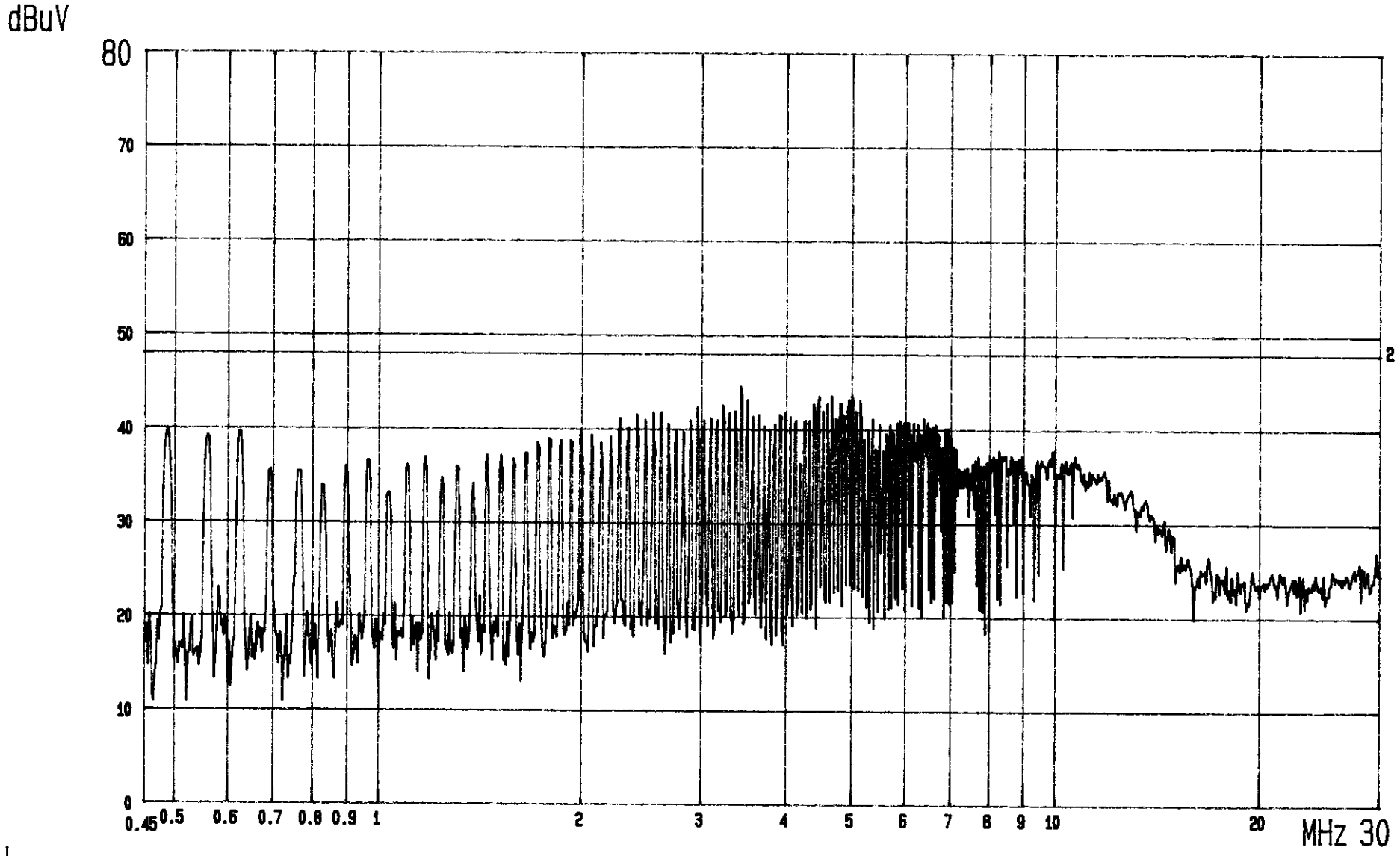
Test Date : Dec. 24, 1998 Temperature : 20 ℃ Humidity: 50%

The processing gain is greater then 10 dB, please see Appendix 7 for details.

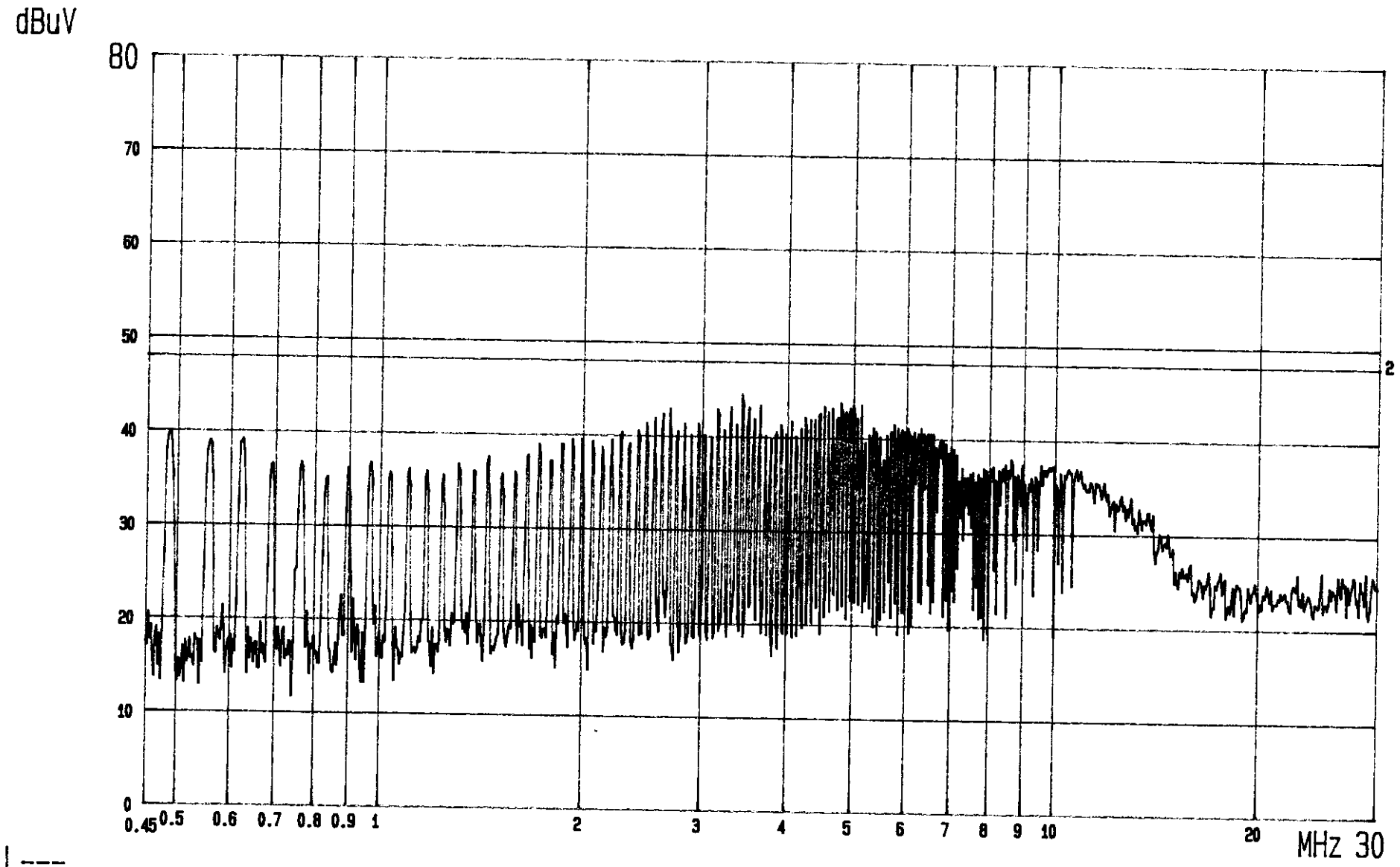
For BPSK channel 1, PG =10.54(2411.6MHz)
BPSK channel 7, PG =10.81(2441.5MHz)
BPSK channel 13, PG =10.84(2471.6)
For QPSK channel 1, PG =10.04(2412.65MHz)
QPSK channel 7, PG =10.63(2443.60MHz)
QPSK channel 13, PG =10.26(2469.55MHz)

In these three channels, the processing-gain values of EUT are all greater than 10dB, which satisfies §15.247(e).

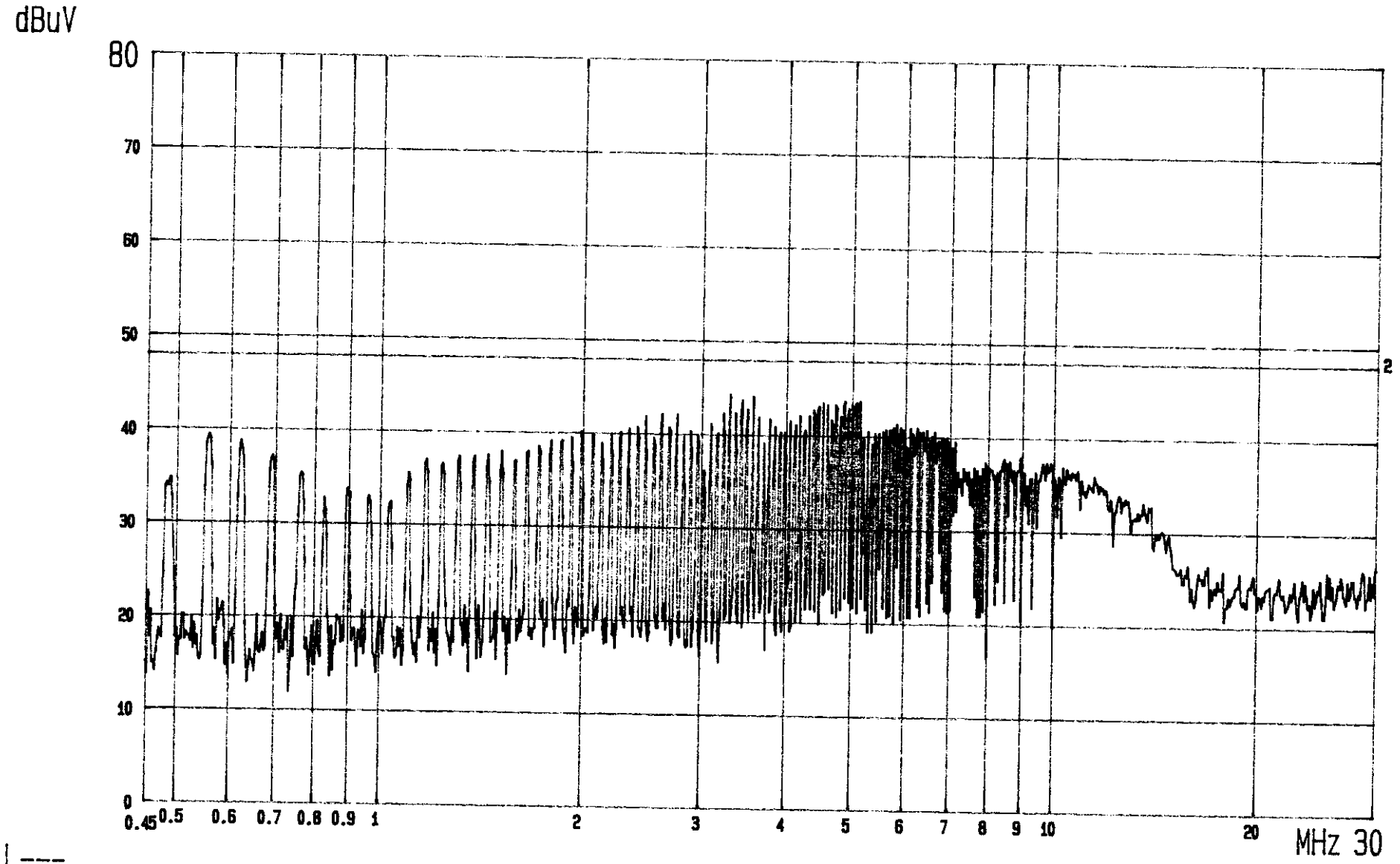
Appendix 1 : Ploted Datas of Power Line Conducted Emissions



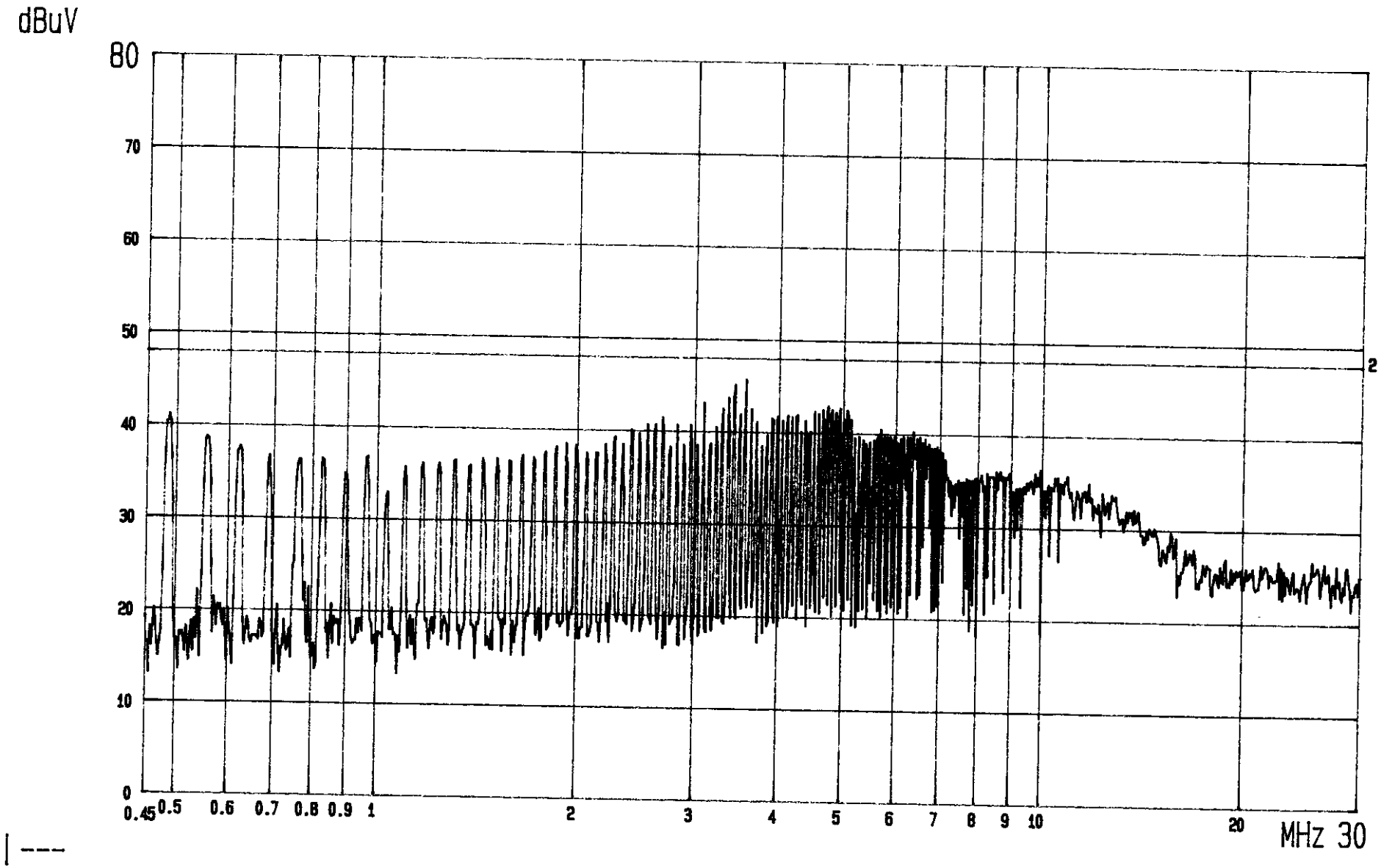
FCC CONDUCTED TEST EUT: WIRELESS LAN PCMCIA CARD 2: QP., CLASS B LIMIT
MODEL: WL2432 MODE: 2412MHZ POWER: 120V/60HZ LISN: VB ETC EMC LAB.



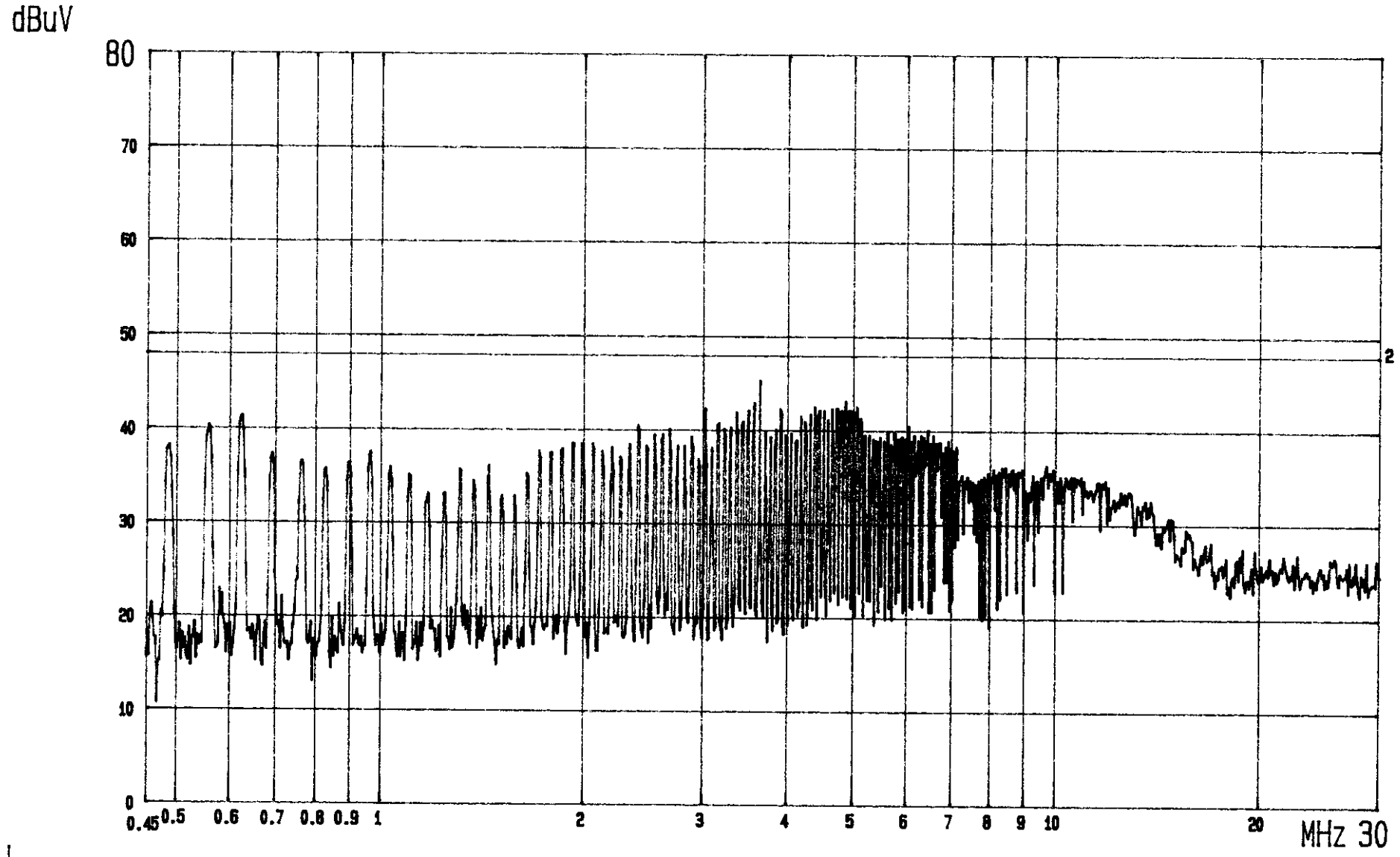
FCC CONDUCTED TEST EUT: WIRELESS LAN PCMCIA CARD 2: QP., CLASS B LIMIT
MODEL: WL2432 MODE: 2442MHZ POWER: 120V/60HZ LISN: VB ETC EMC LAB.



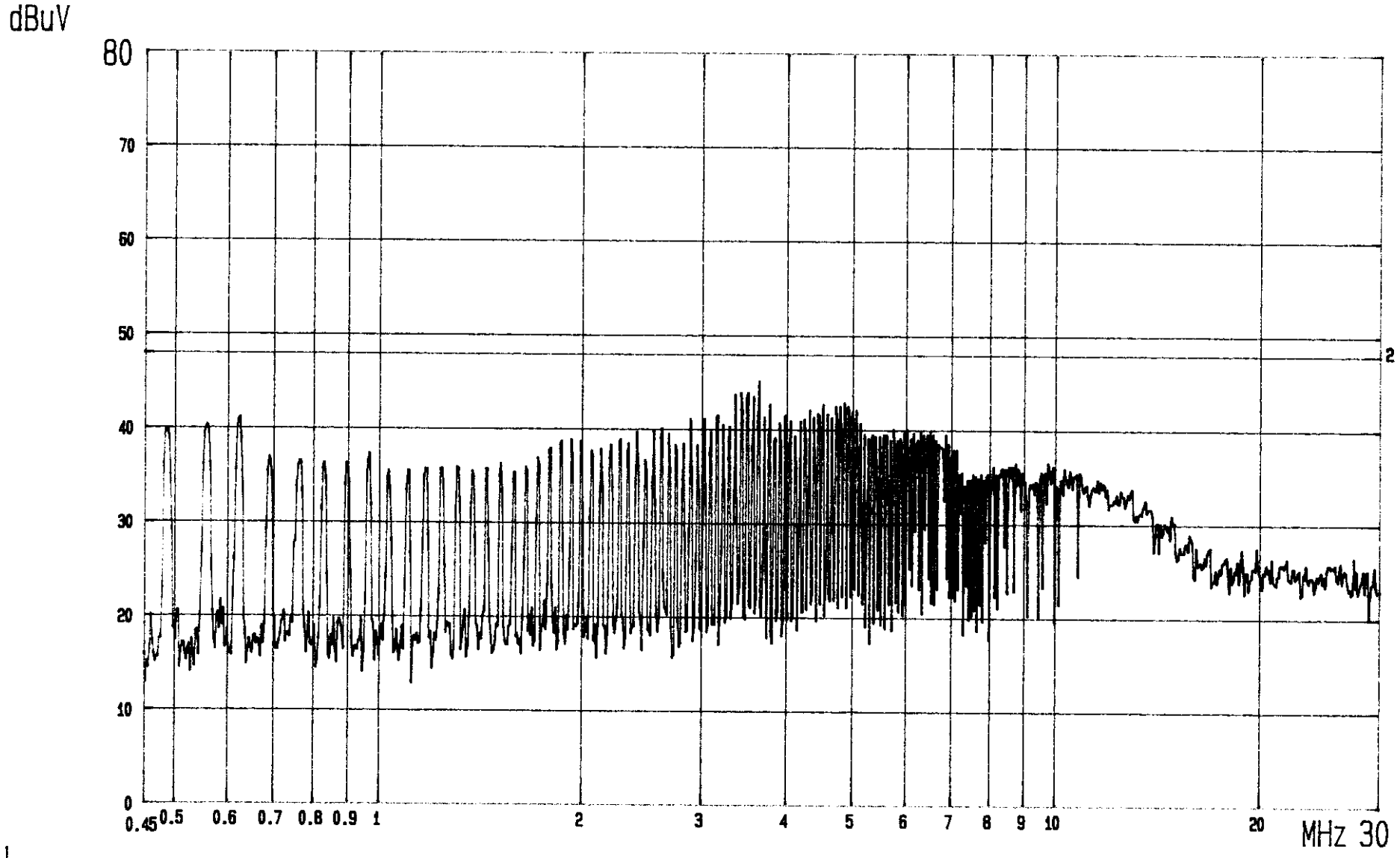
FCC CONDUCTED TEST EUT: WIRELESS LAN PCMCIA CARD 2: QP., CLASS B LIMIT
MODEL: WL2432 MODE: 2472MHZ POWER: 120V/60HZ LISN: VB ETC EMC LAB.



FCC CONDUCTED TEST EUT: WIRELESS LAN PCMCIA CARD 2: QP., CLASS B LIMIT
MODEL: WL2432 MODE: 2472MHZ POWER: 120V/60HZ LISN: VA ETC EMC LAB.



FCC CONDUCTED TEST EUT: WIRELESS LAN PCMCIA CARD 2: QP., CLASS B LIMIT
MODEL: WL2432 MODE: 2442MHZ POWER: 120V/60HZ LISN: VA ETC EMC LAB.



FCC CONDUCTED TEST EUT: WIRELESS LAN PCMCIA CARD 2: QP., CLASS B LIMIT
MODEL: WL2432 MODE: 2412MHZ POWER: 120V/60HZ LISN: VA ETC EMC LAB.

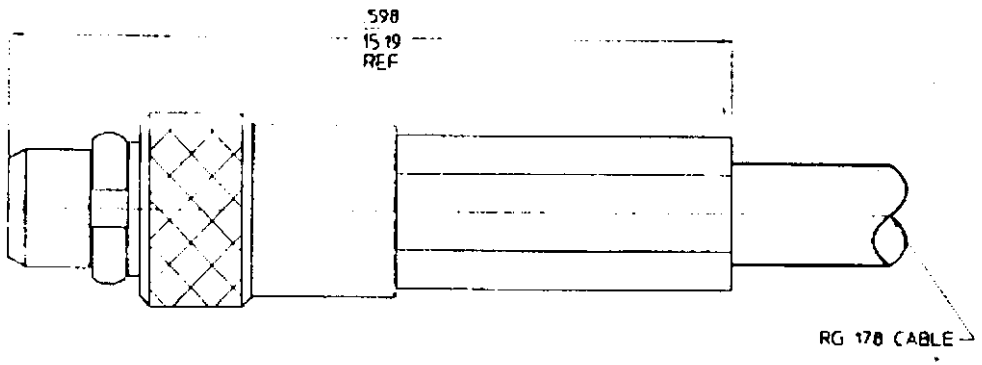
Appendix 2 : Engineering Graph of Antenna Construction

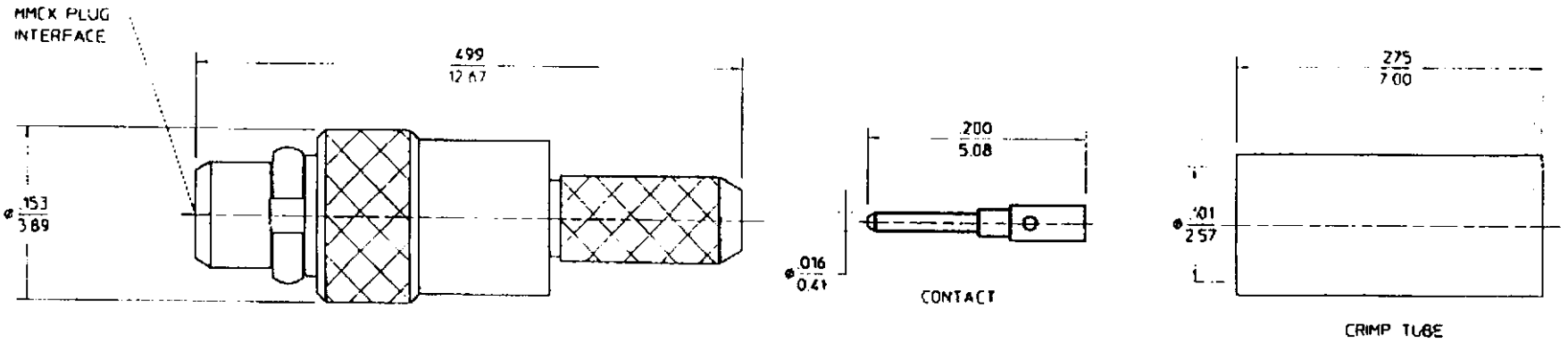
MATERIALS AND FINISHES

BODY BRASS
PLATED GOLD

CONTACT BERYLLIUM COPPER
PLATED GOLD

INSULATOR TEFLON





73599-0000-0150	INTERFACE	SD-73415-0971	PER COMMERICAL REQUIREMENTS
89675-1900	ELECTRO/MECH. PERFORMANCE	SD-73415-0970	PER MILITARY REQUIREMENTS
CIFICATION	DESCRIPTION	PART NUMBER	PLATING

REV	DESCRIPTION	EC NO	DRWN	CHK	APPR
2	ADDED P/N SD-73415-0971 ADDED PLATING REMOVED MIL SPECS FROM MATERIAL AND FINISH CALLOUTS TEF 05/26/99				
1		RF-XXXX	XXX 00/00/00	XXX 00/00/00	XXX 00/00/00

UNLESS OTHERWISE SPECIFIED DIMS ARE INCHES AND ANGLES ARE DEGREES
1. √63 ALL OVER
2. NO CHATTER OR NON-UNIFORM SURFACE FINISH ALLOWED
3. PARTS TO BE FREE OF BURRS & SHARP EDGES .005 MAX BREAK
4. EXTERNAL THREADS TO BE ROLLED OR SINGLE POINT
5. DIAMETERS TO BE CONCENTRIC WITHIN .003 TIR

QUALITY SYMBOLS
MAJOR
CRITICAL (C)

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ——	± .0005
3 PLACES	± ——	± .005
2 PLACES	± ——	± .01
1 PLACE	± ——	± .1
ANGULAR ±2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

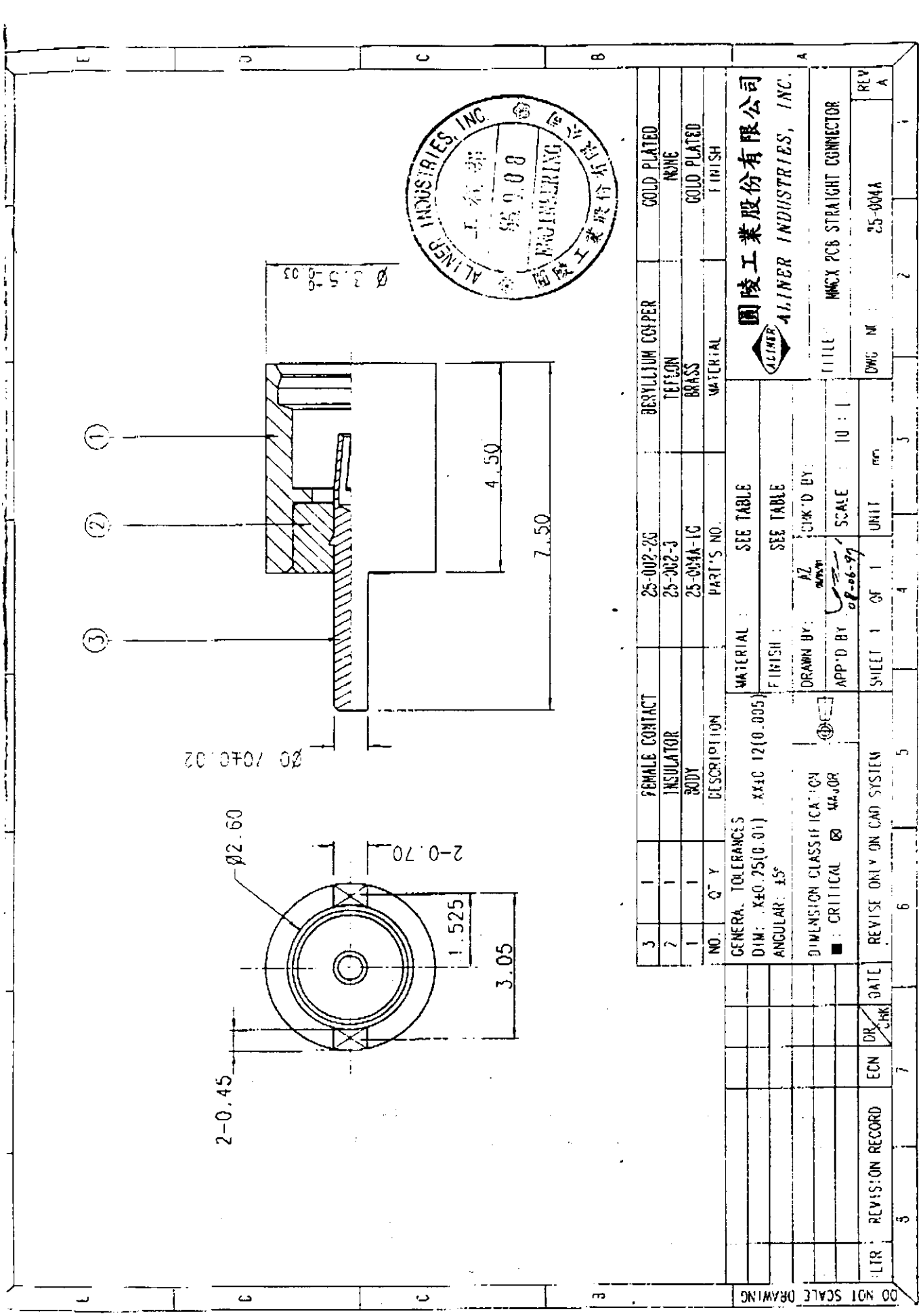
SCALE ——
DESIGN UNITS ☐ mm ☒ INCH
THIRD ANGLE PROJECTION
DIMENSIONS: ☐ mm/INCH ☒ INCH mm ☐ mm ONLY
SHT 1 | REV 2
REVISE ON CAD ONLY

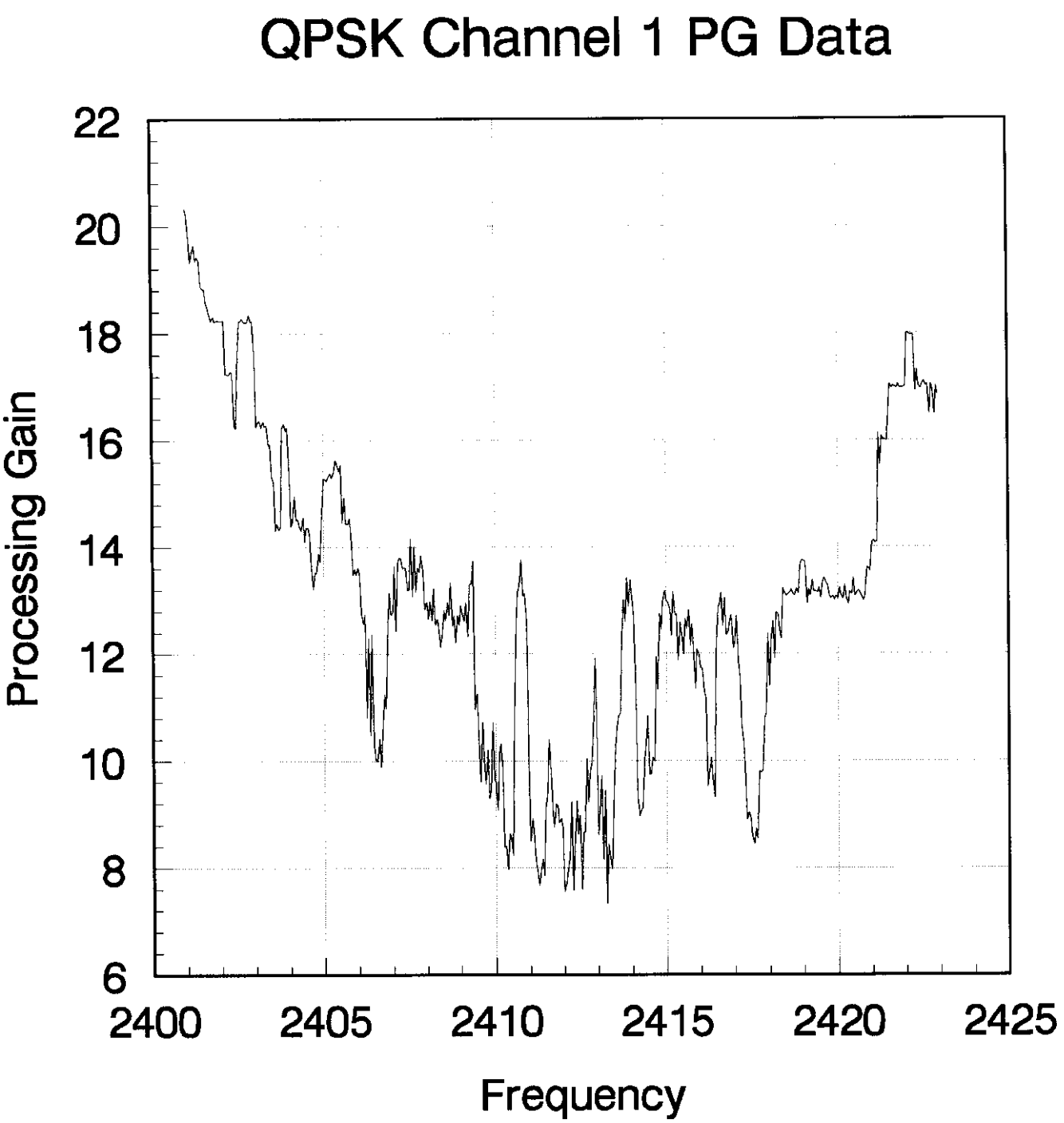
DRAWN BY & DATE: TEF 02/15/99
CHECKED BY & DATE: DMG 02/15/99
APPROVED BY & DATE: GMH 02/15/99
DESIGN REVIEW: XXX 00/00/00

TITLE: MMCX PLUG, STRAIGHT, CABLE RG178
MMCX-PC

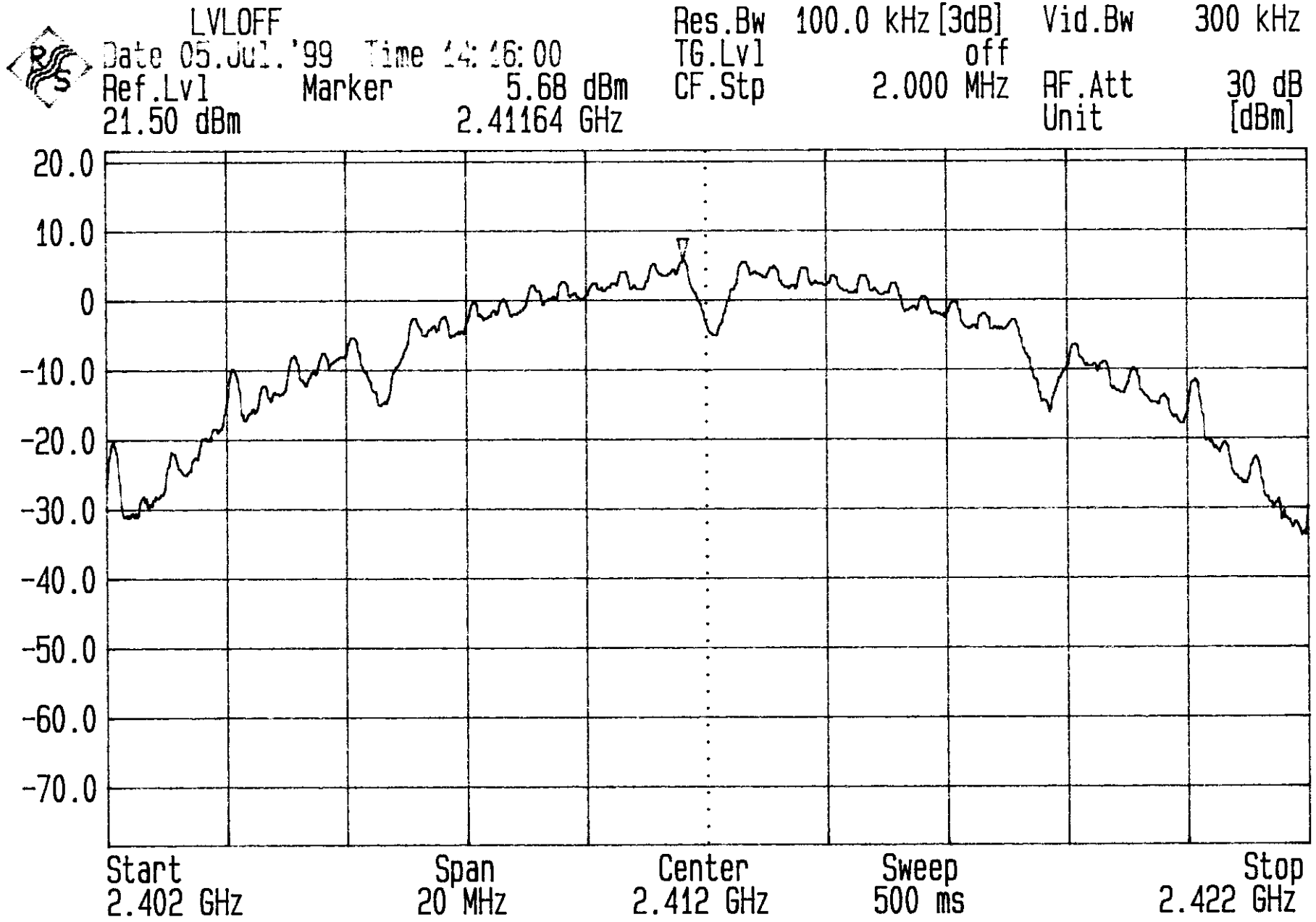
molex MOLEX INCORPORATED

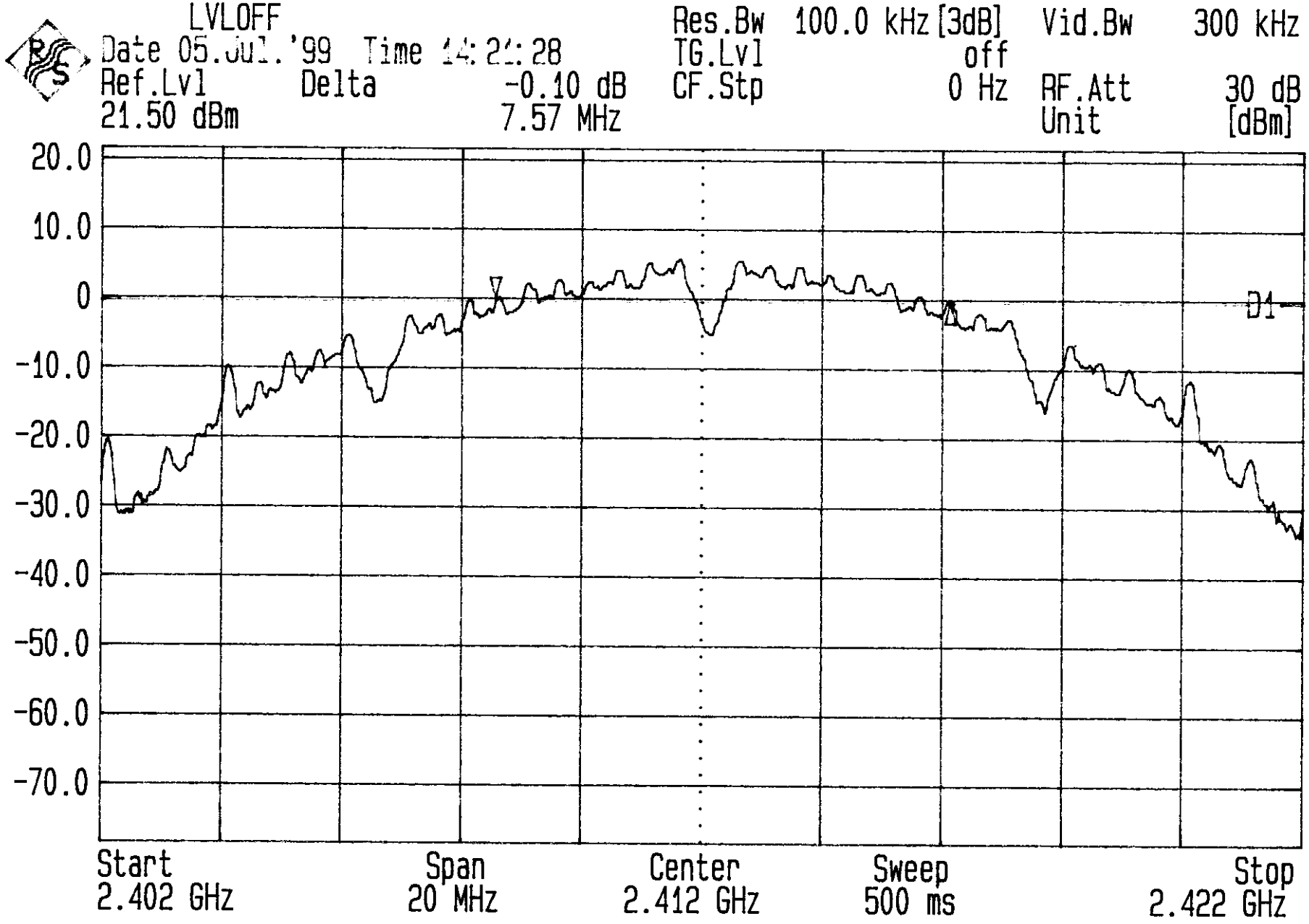
MATERIAL NO: SEE NOTE
DRAWING NO: SD-73415-097
SHEET NO: 1 OF 1
SIZE: B

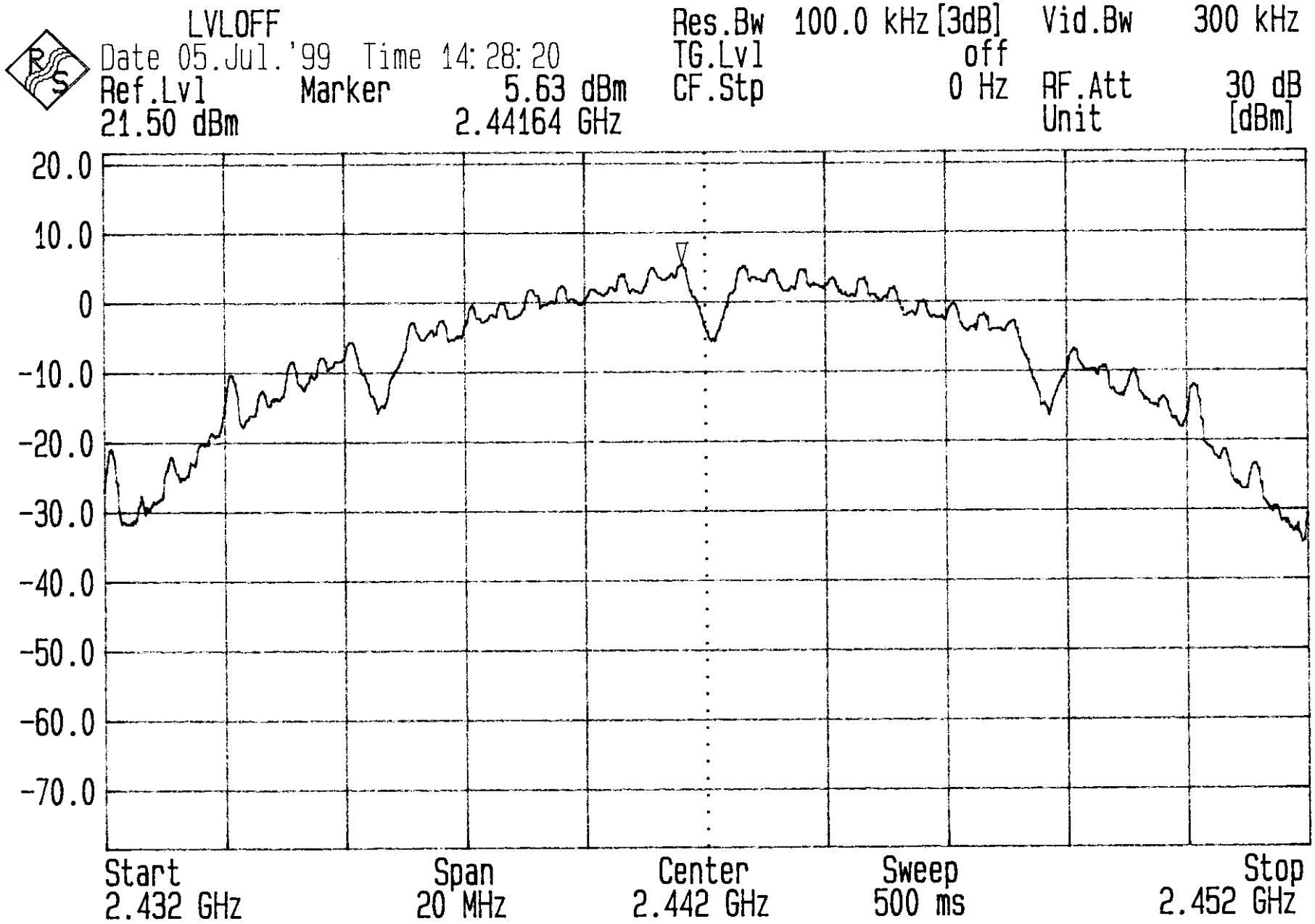

ALINER INDUSTRIES, INC.
ENGINEERING
Ø 3.56 ±0.03
4.50
7.50
Ø0.70±0.02
Ø2.60
2-0.70
1.525
3.05
2-0.45
3 1 FEMALE CONTACT 25-002-26 BERYLLIUM COPPER GOLD PLATED
2 1 INSULATOR 25-002-3 TEFLON NONE
1 1 BODY 25-004A-1C BRASS GOLD PLATED
NO. QTY DESCRIPTION PART'S NO. MATERIAL FINISH
MATERIAL SEE TABLE
FINISH SEE TABLE
DRAWN BY: AZ
APP'D BY
CHK'D BY
SCALE 10 : 1
SHEET 1 OF 1
UNIT mm
DWG NO 25-004A
REV A
TITLE MMCX PCB STRAIGHT CONNECTOR
ALINER INDUSTRIES, INC.
GENERAL TOLERANCES
DIM: XX±0.25(0.01) XXX±0.12(0.005)
ANGULAR: ±5°
DIMENSION CLASSIFICATION
■ : CRITICAL ⊠ : MAJOR
REVISE ONLY ON CAD SYSTEM
DR/CHK DATE
ECN
REVISION RECORD
LTR
DO NOT SCALE DRAWING

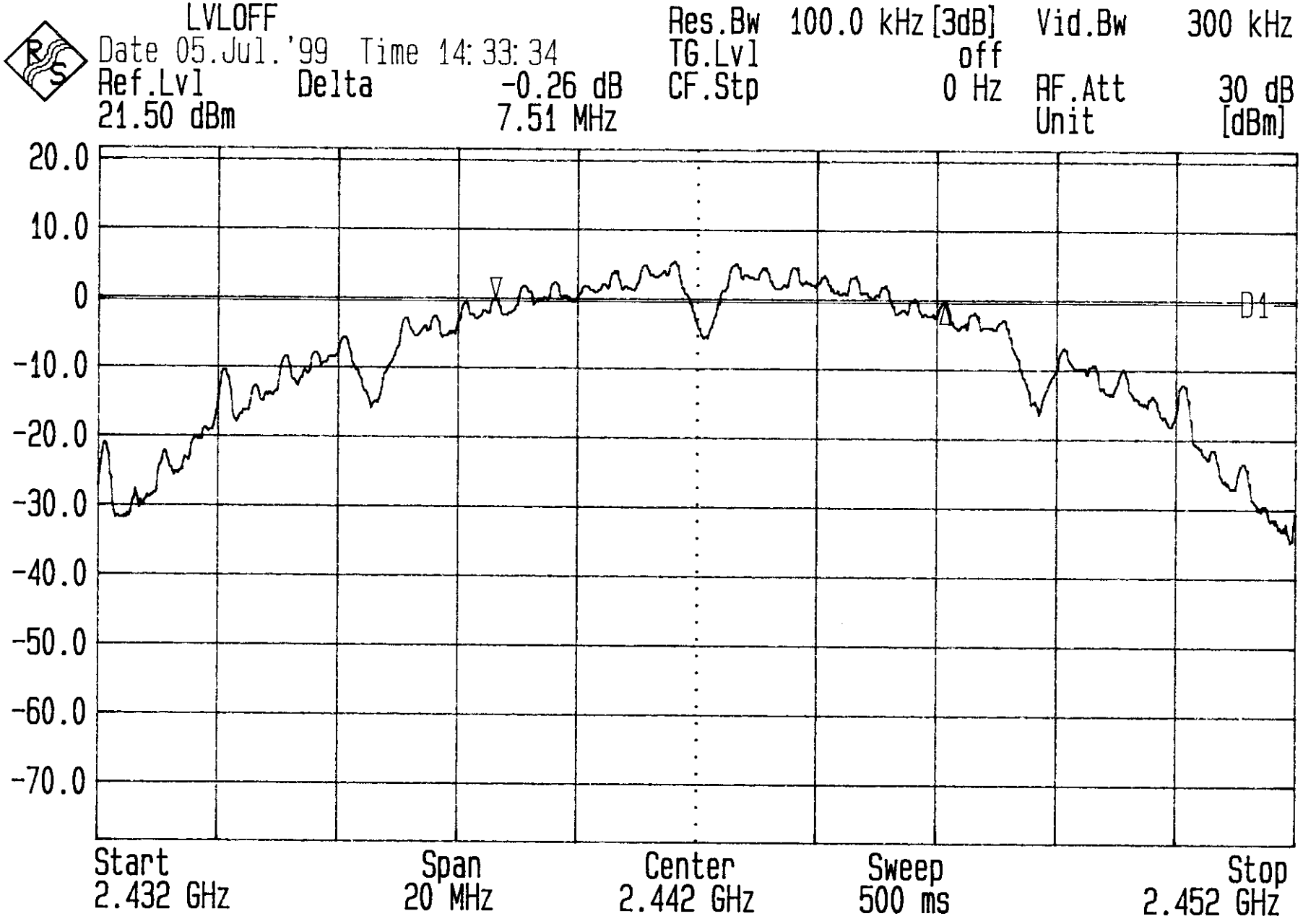

QPSK Channel 1 PG Data
Processing Gain
22
20
18
16
14
12
10
8
6
2400
2405
2410
2415
2420
2425
Frequency

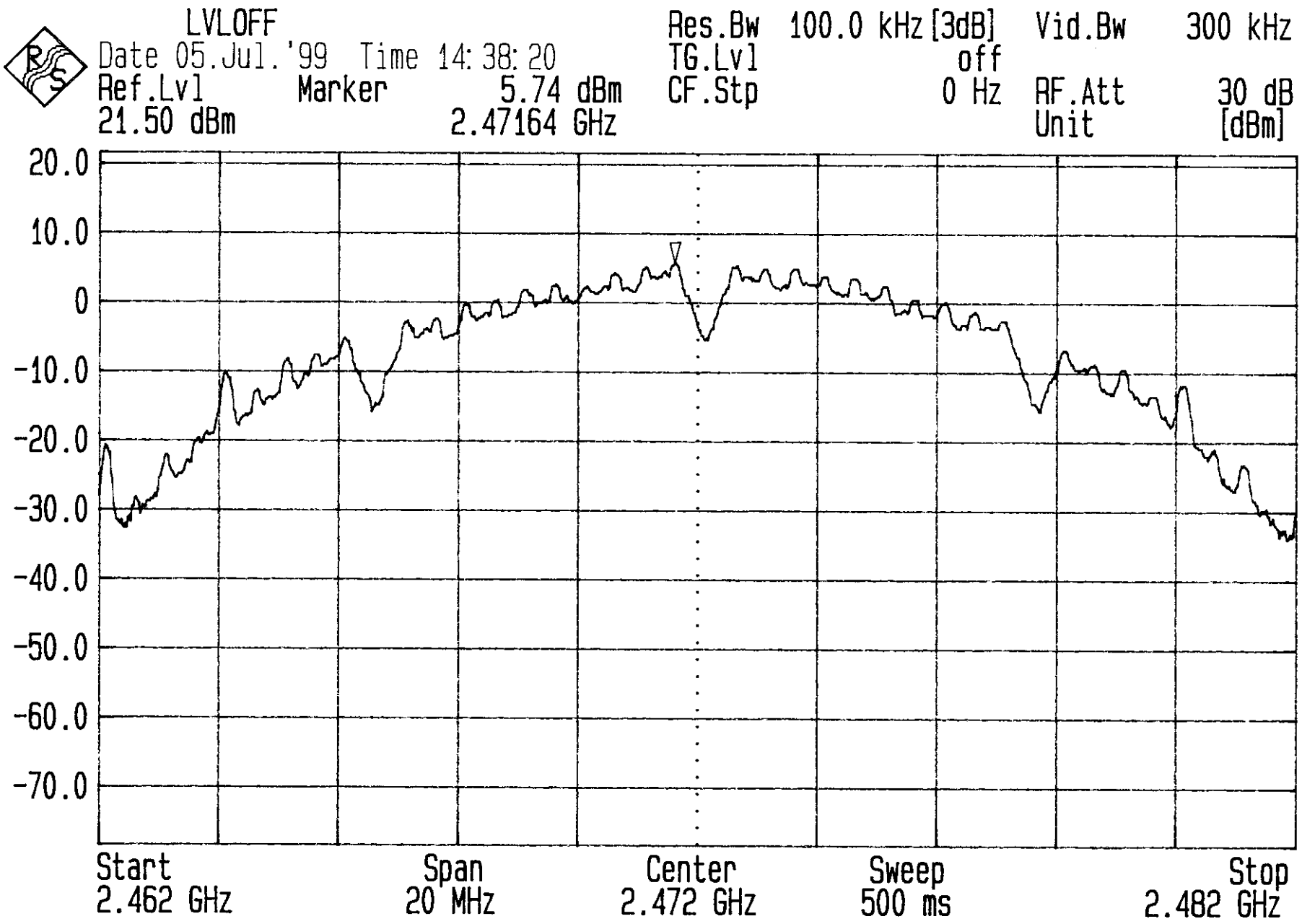
Appendix 3 : Ploted Datas of Emissions Bandwidth

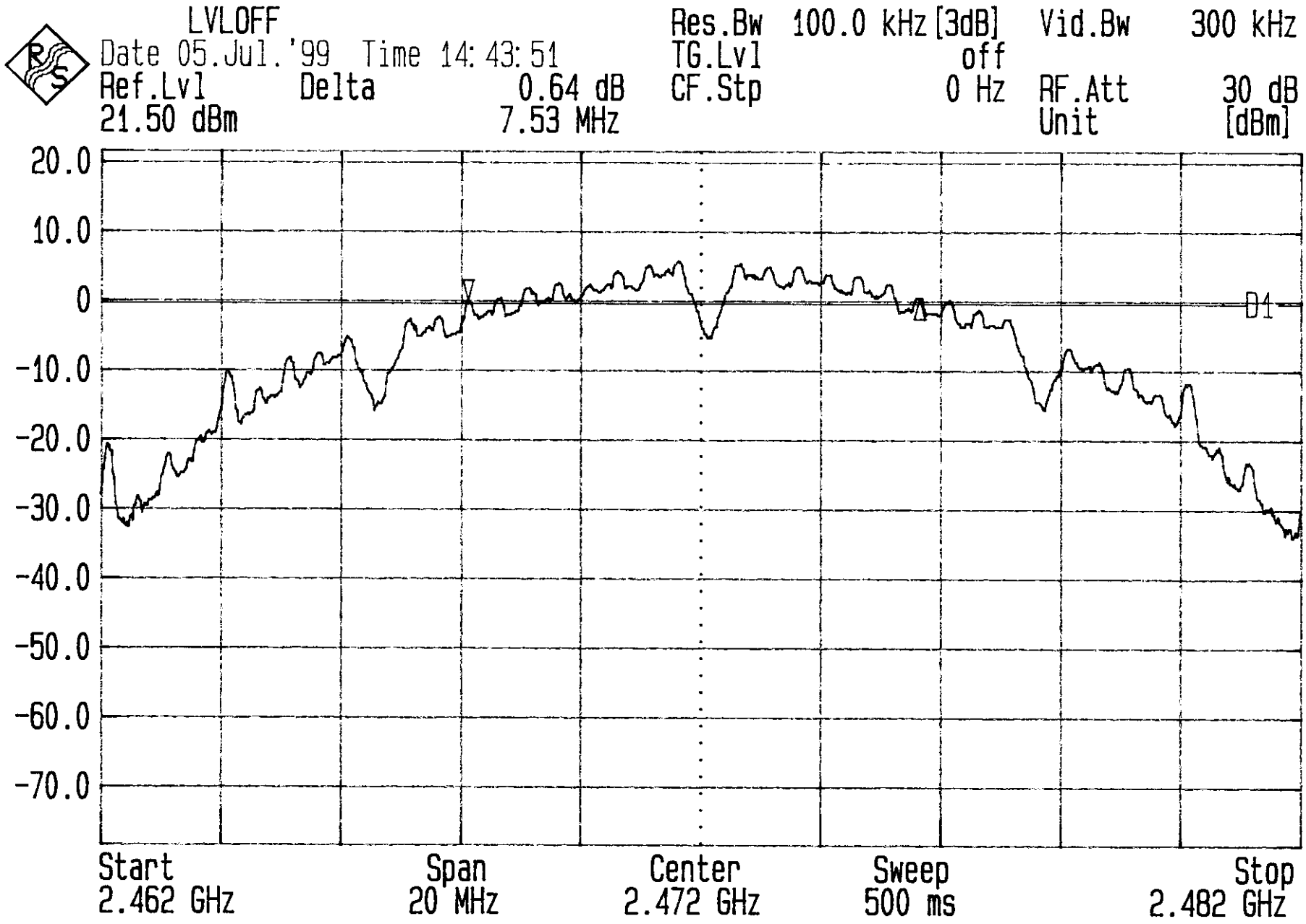

LVLOFF
Date 05.Jul.'99 Time 14:16:00
Ref.Lvl
21.50 dBm
Marker
5.68 dBm
2.41164 GHz
Res.Bw 100.0 kHz [3dB]
TG.Lvl
off
CF.Stp
2.000 MHz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Start
2.402 GHz
Span
20 MHz
Center
2.412 GHz
Sweep
500 ms
Stop
2.422 GHz


LVLOFF
Date 05.Jul.'99 Time 14:21:28
Ref.Lvl
21.50 dBm
Delta
-0.10 dB
7.57 MHz
Res.Bw 100.0 kHz [3dB]
TG.Lvl
off
CF.Stp
0 Hz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
D1
Start
2.402 GHz
Span
20 MHz
Center
2.412 GHz
Sweep
500 ms
Stop
2.422 GHz

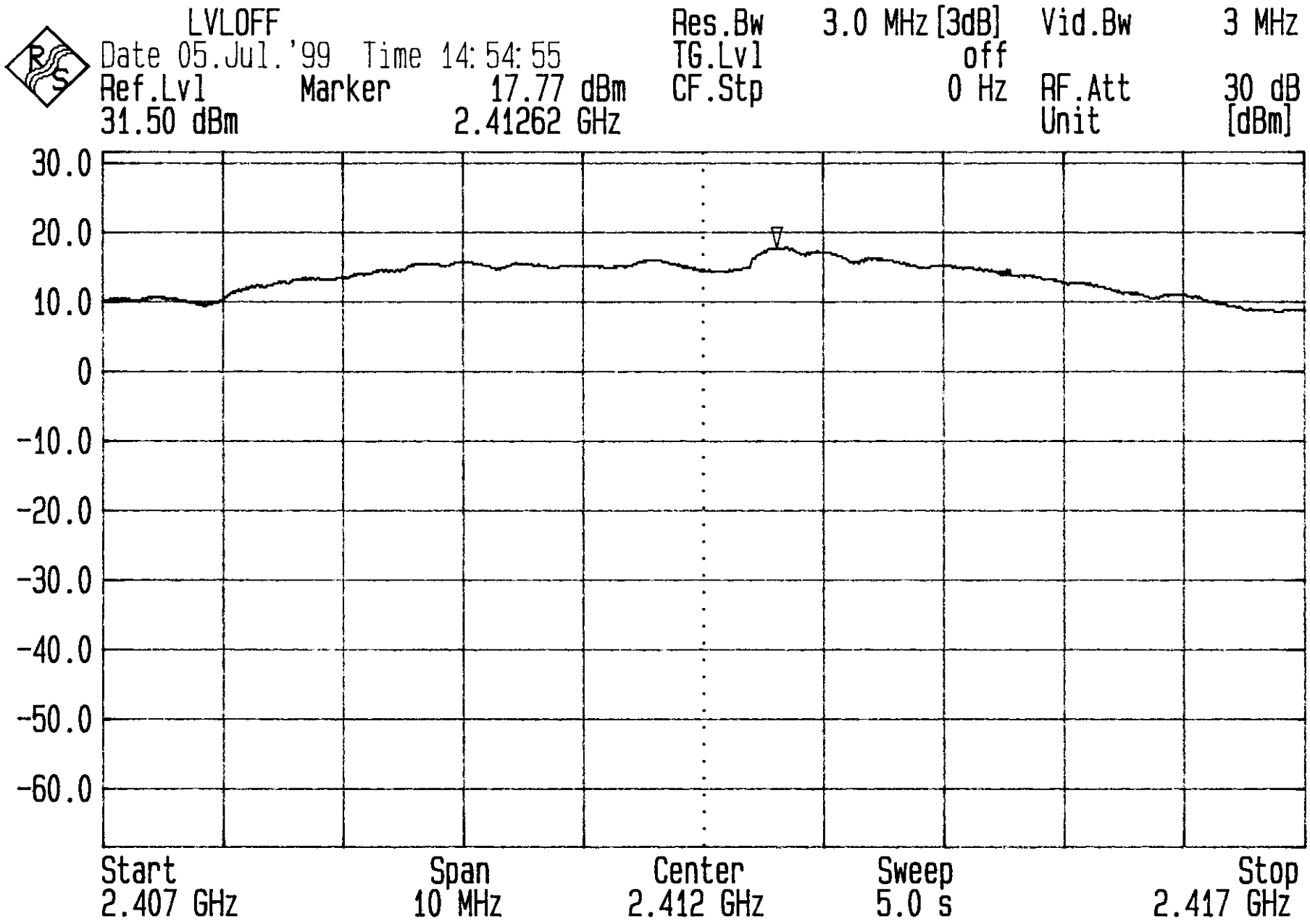

LVLOFF
Date 05.Jul.'99 Time 14:28:20
Ref.Lvl
21.50 dBm
Marker
5.63 dBm
2.44164 GHz
Res.Bw 100.0 kHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Start
2.432 GHz
Span
20 MHz
Center
2.442 GHz
Sweep
500 ms
Stop
2.452 GHz

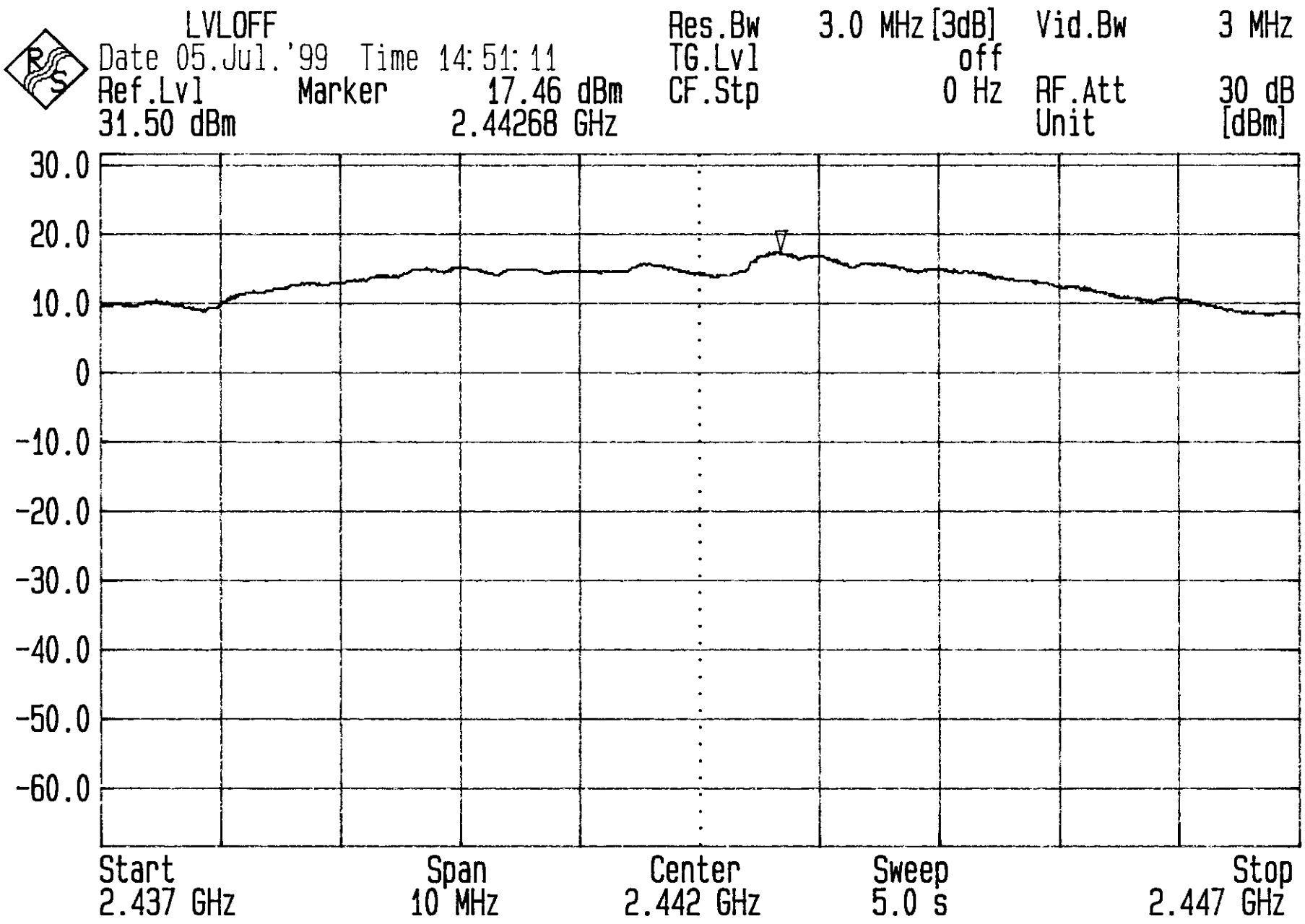

LVLOFF
Date 05.Jul.'99 Time 14:33:34
Ref.Lvl
21.50 dBm
Delta
-0.26 dB
7.51 MHz
Res.Bw 100.0 kHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
D1
Start
2.432 GHz
Span
20 MHz
Center
2.442 GHz
Sweep
500 ms
Stop
2.452 GHz

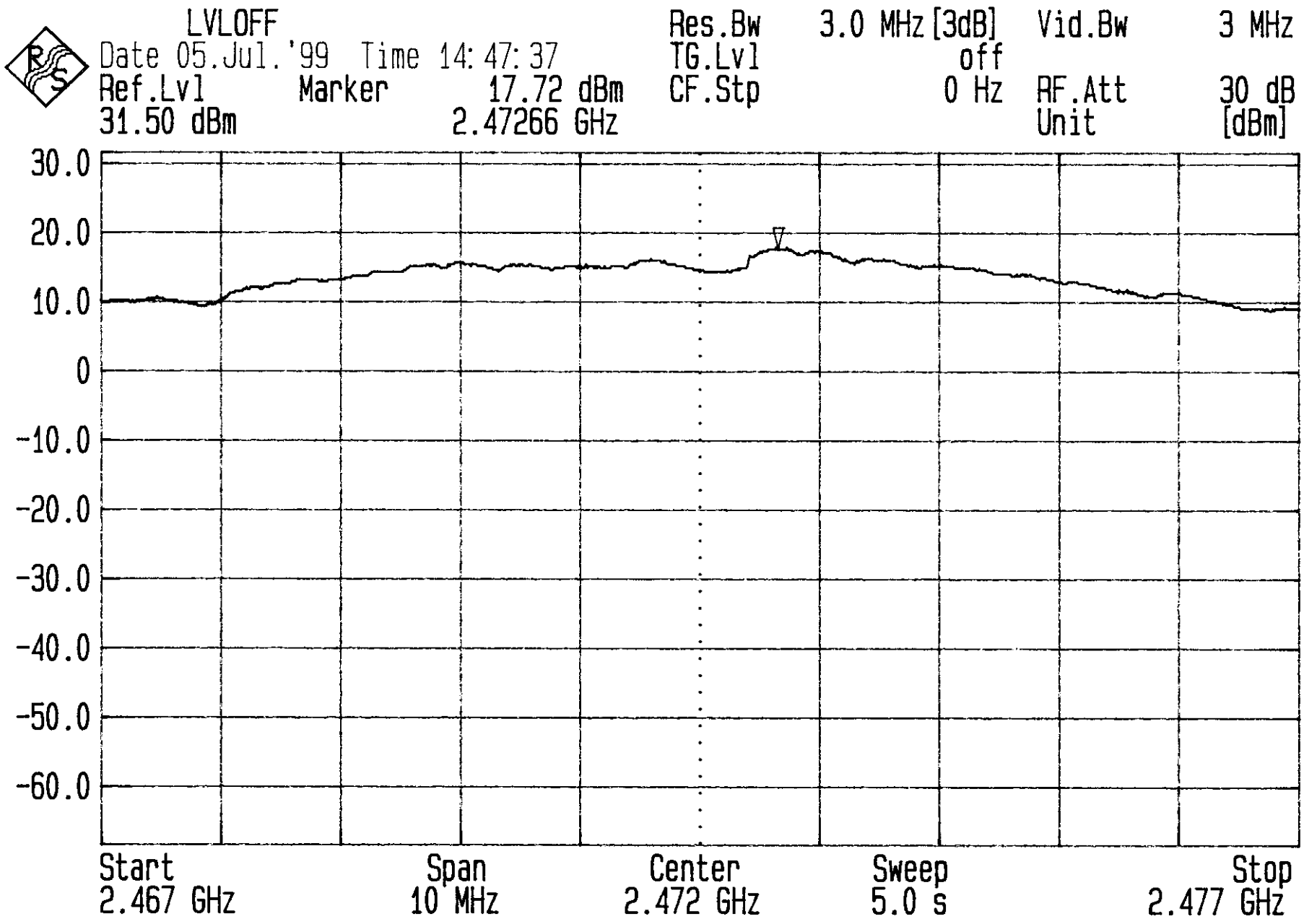

LVLOFF
Date 05.Jul.'99 Time 14:38:20
Ref.Lvl
21.50 dBm
Marker
5.74 dBm
2.47164 GHz
Res.Bw 100.0 kHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Start
2.462 GHz
Span
20 MHz
Center
2.472 GHz
Sweep
500 ms
Stop
2.482 GHz


LVLOFF
Date 05.Jul.'99 Time 14:43:51
Ref.Lvl
21.50 dBm
Delta
0.64 dB
7.53 MHz
Res.Bw 100.0 kHz [3dB]
TG.Lvl
off
CF.Stp
0 Hz
Vid.Bw 300 kHz
RF.Att 30 dB
Unit [dBm]
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
D1
Start
2.462 GHz
Span
20 MHz
Center
2.472 GHz
Sweep
500 ms
Stop
2.482 GHz

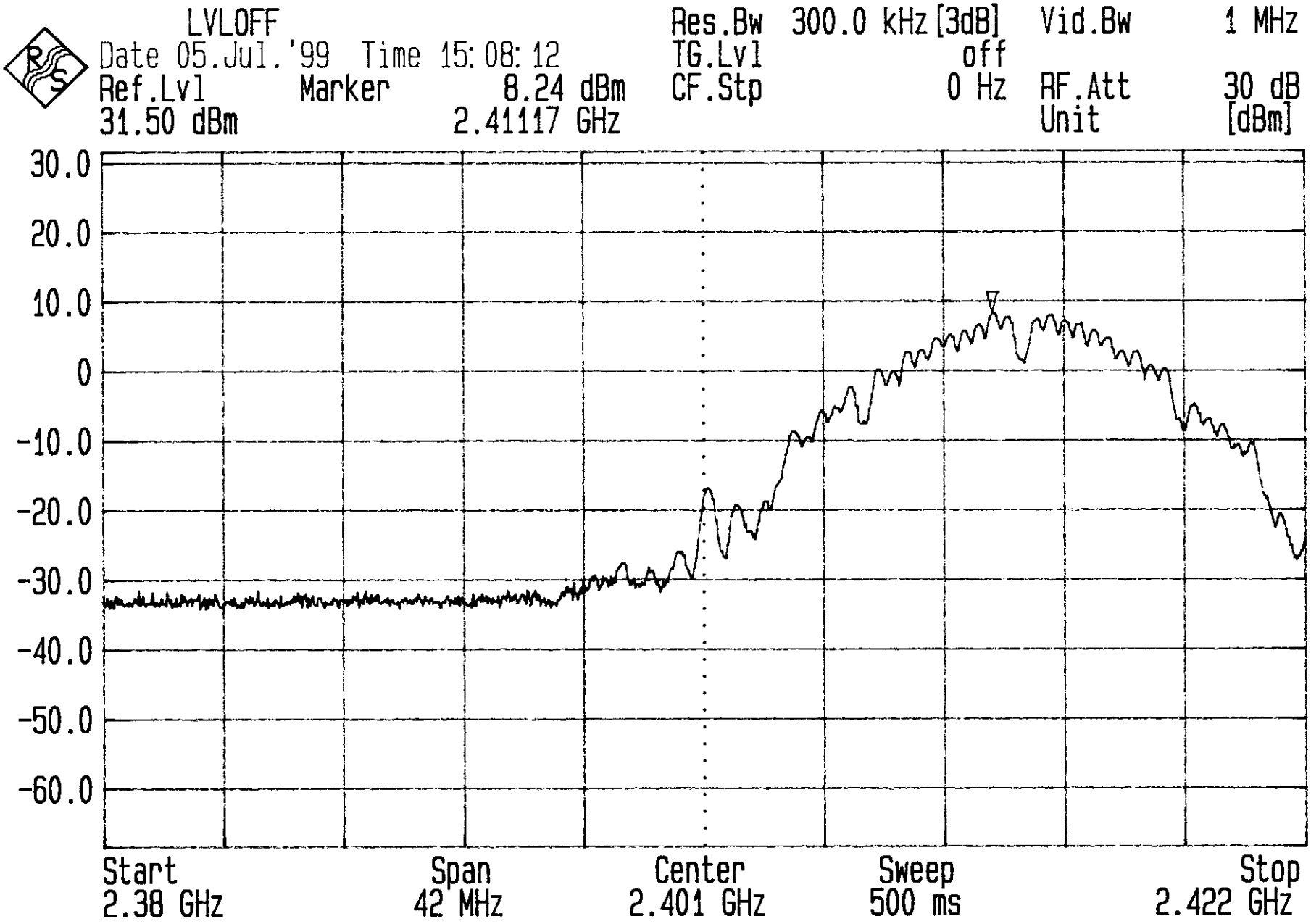
Appendix 4 : Ploted Datas of Output Peak Power

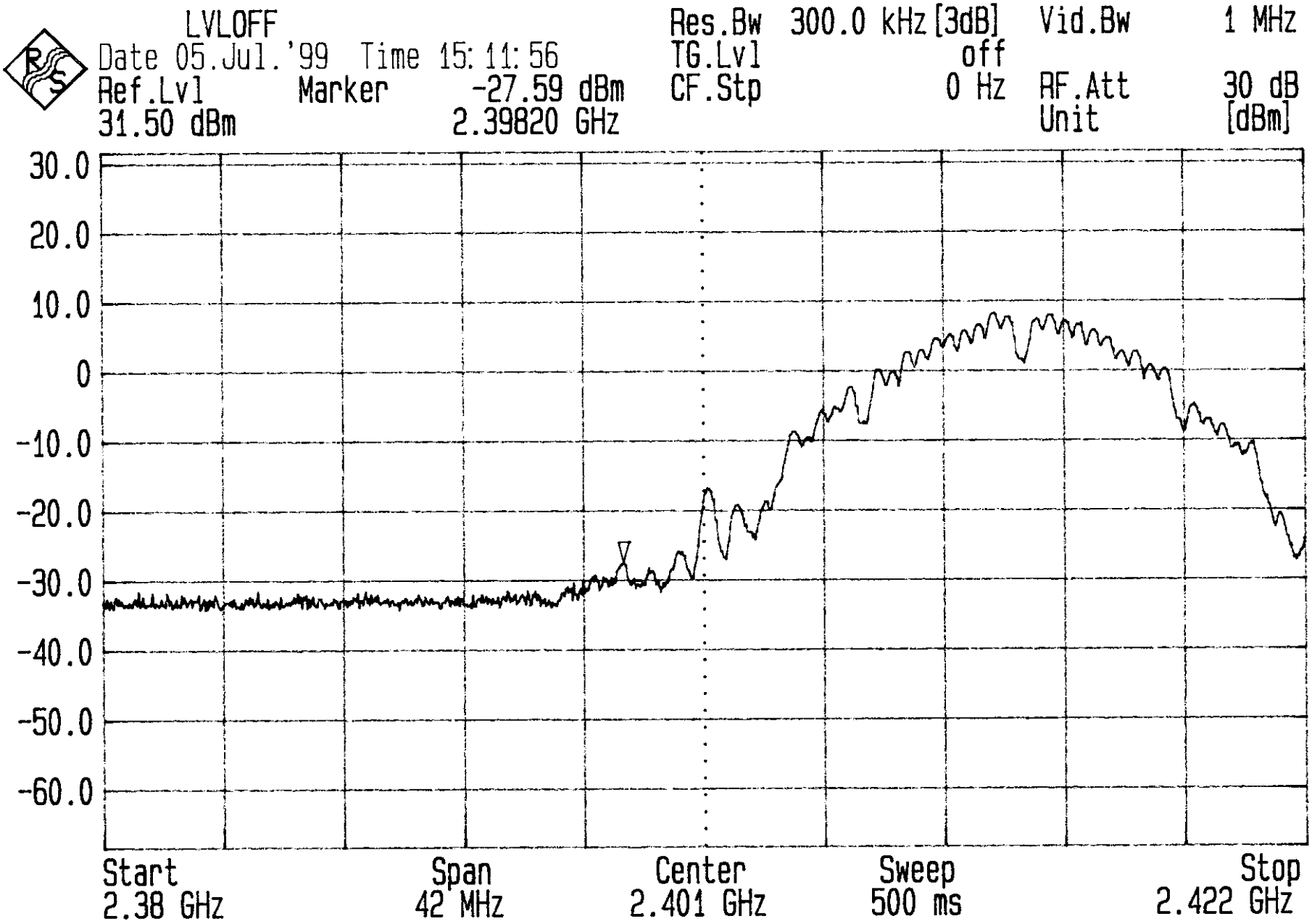

LVLOFF
Res.Bw 3.0 MHz [3dB]
Vid.Bw 3 MHz
Date 05.Jul.'99 Time 14:54:55
TG.Lvl off
Ref.Lvl Marker 17.77 dBm
CF.Stp 0 Hz
RF.Att 30 dB
31.50 dBm 2.41262 GHz
Unit [dBm]
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start 2.407 GHz
Span 10 MHz
Center 2.412 GHz
Sweep 5.0 s
Stop 2.417 GHz

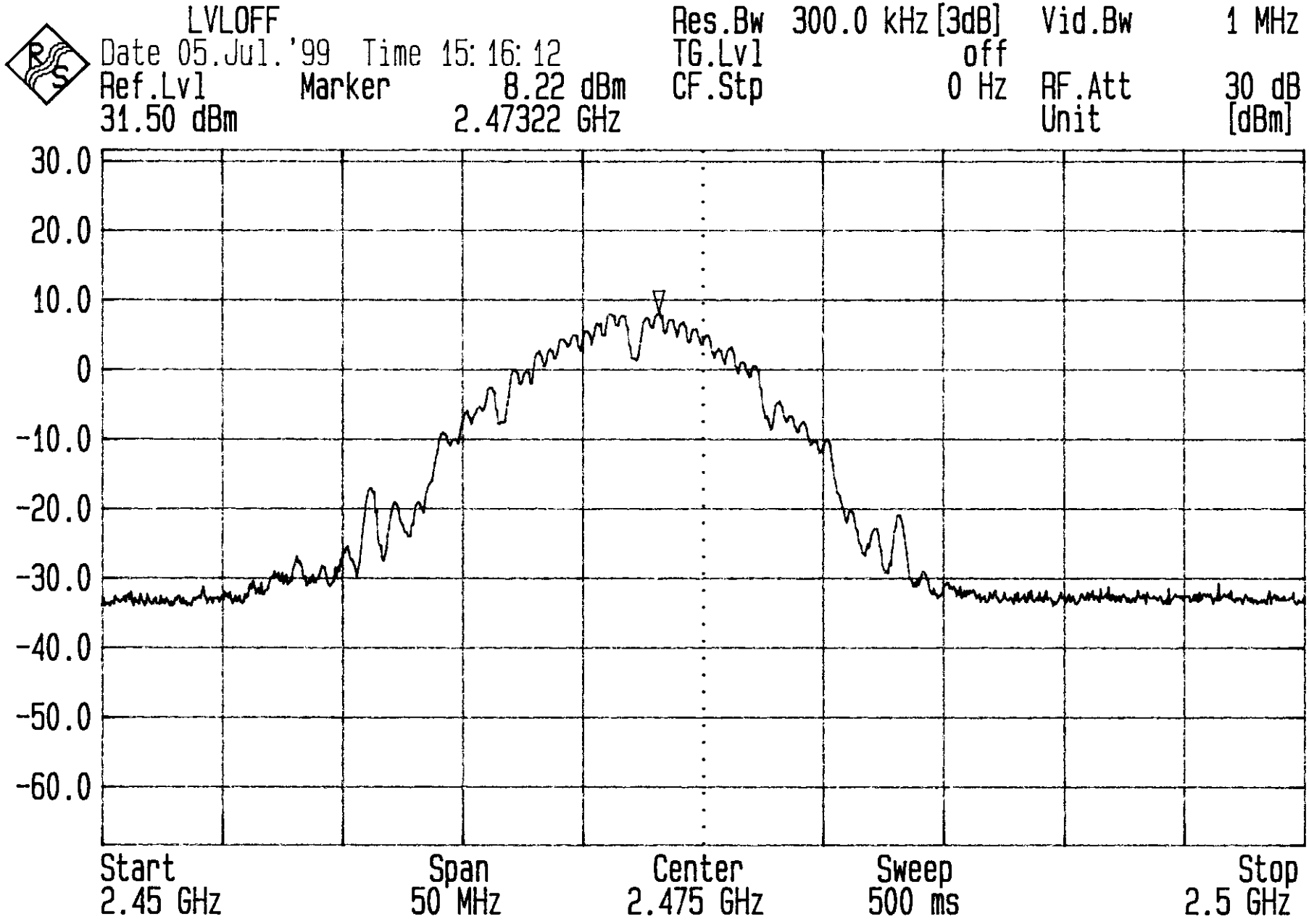

LVLOFF
Res.Bw 3.0 MHz [3dB]
Vid.Bw 3 MHz
Date 05.Jul.'99 Time 14:51:11
TG.Lvl off
Ref.Lvl Marker 17.46 dBm
CF.Stp 0 Hz
RF.Att 30 dB
31.50 dBm 2.44268 GHz
Unit [dBm]
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start 2.437 GHz
Span 10 MHz
Center 2.442 GHz
Sweep 5.0 s
Stop 2.447 GHz

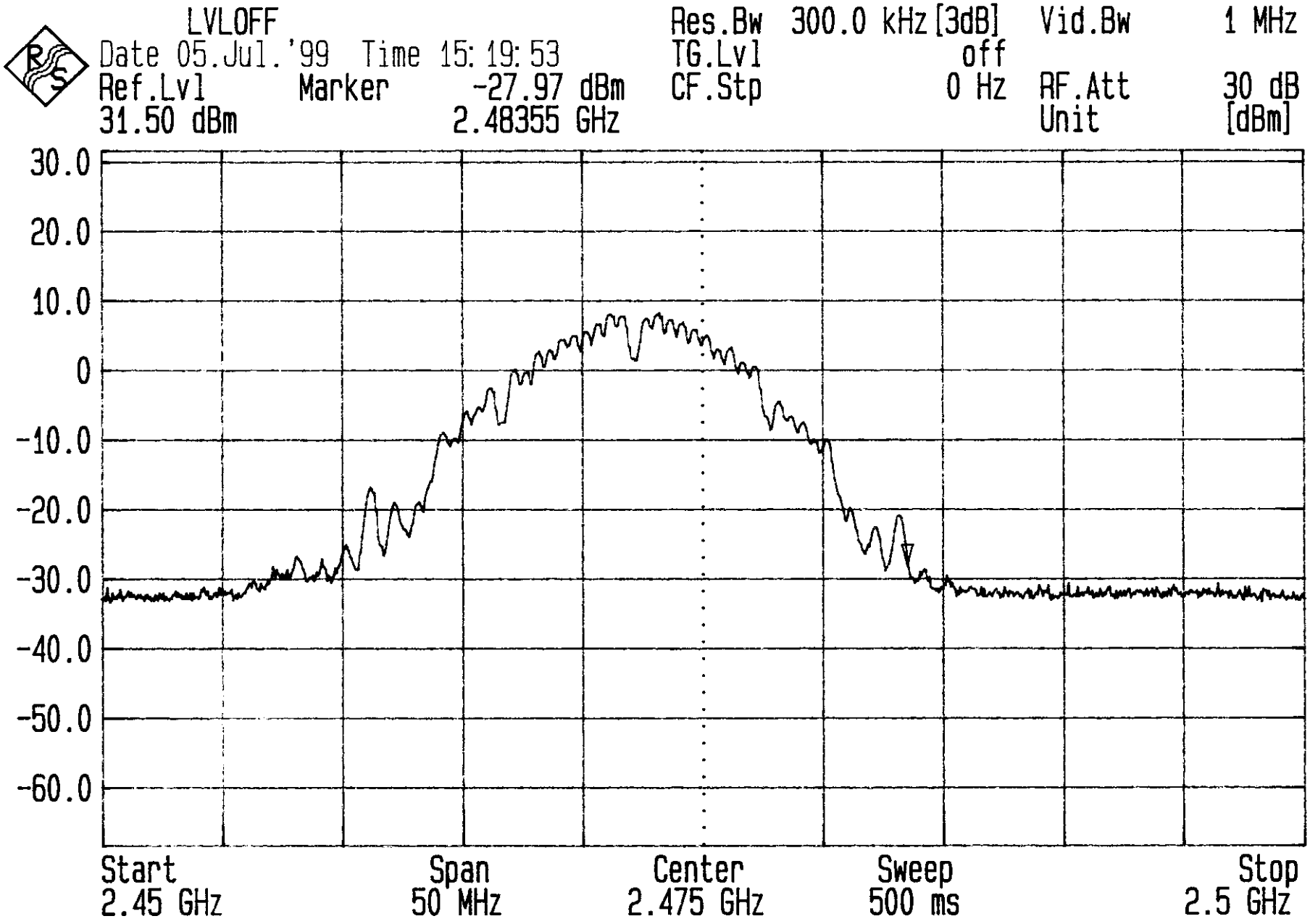

LVLOFF
Date 05.Jul.'99 Time 14:47:37
Ref.Lvl
31.50 dBm
Marker
17.72 dBm
2.47266 GHz
Res.Bw 3.0 MHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 3 MHz
RF.Att 30 dB
Unit [dBm]
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start
2.467 GHz
Span
10 MHz
Center
2.472 GHz
Sweep
5.0 s
Stop
2.477 GHz

Appendix 5 : Ploted Datas of Band Edge Emission

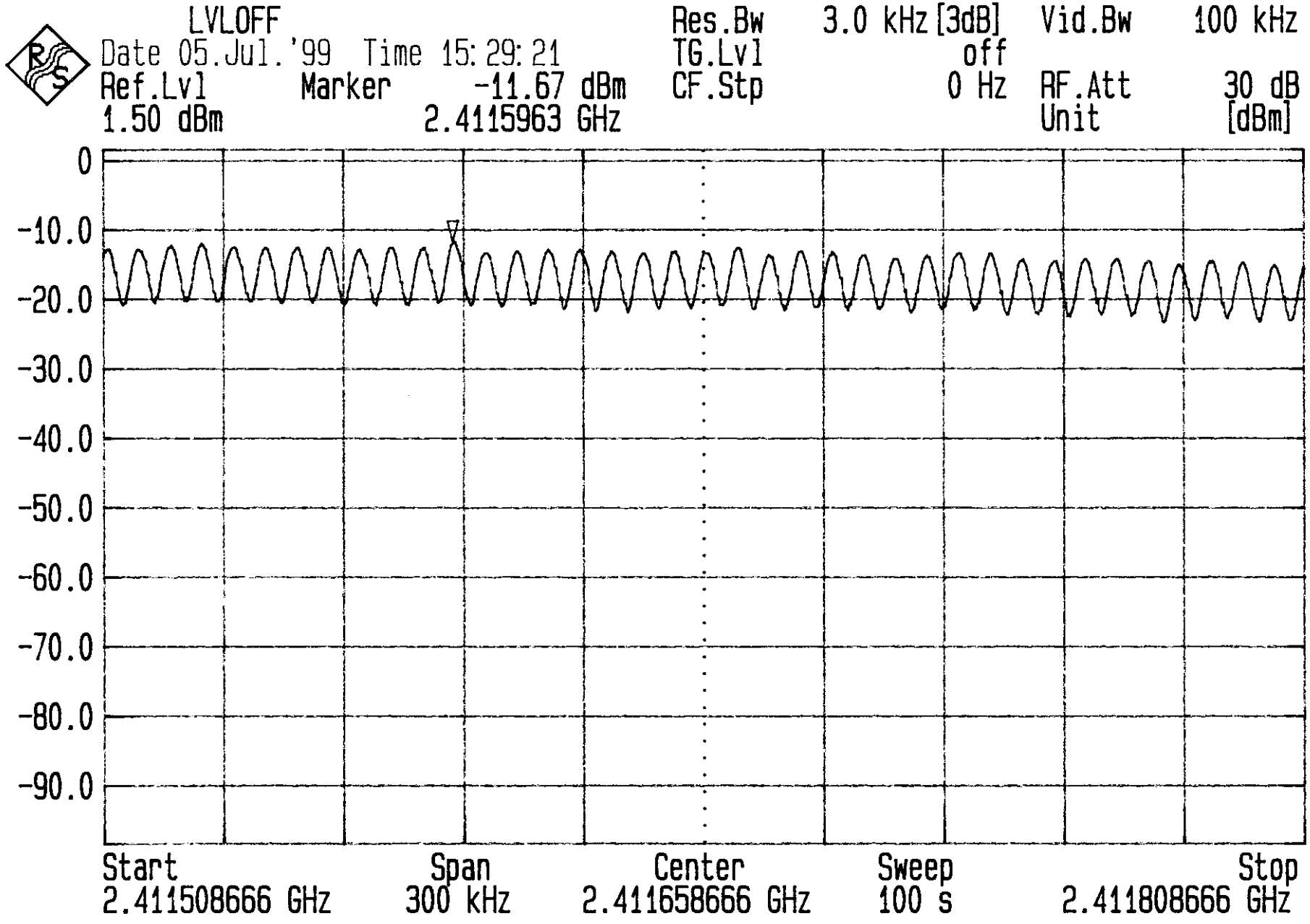

LVLOFF
Date 05.Jul.'99 Time 15:08:12
Ref.Lvl
31.50 dBm
Marker
8.24 dBm
2.41117 GHz
Res.Bw 300.0 kHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 1 MHz
RF.Att 30 dB
Unit [dBm]
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start
2.38 GHz
Span
42 MHz
Center
2.401 GHz
Sweep
500 ms
Stop
2.422 GHz

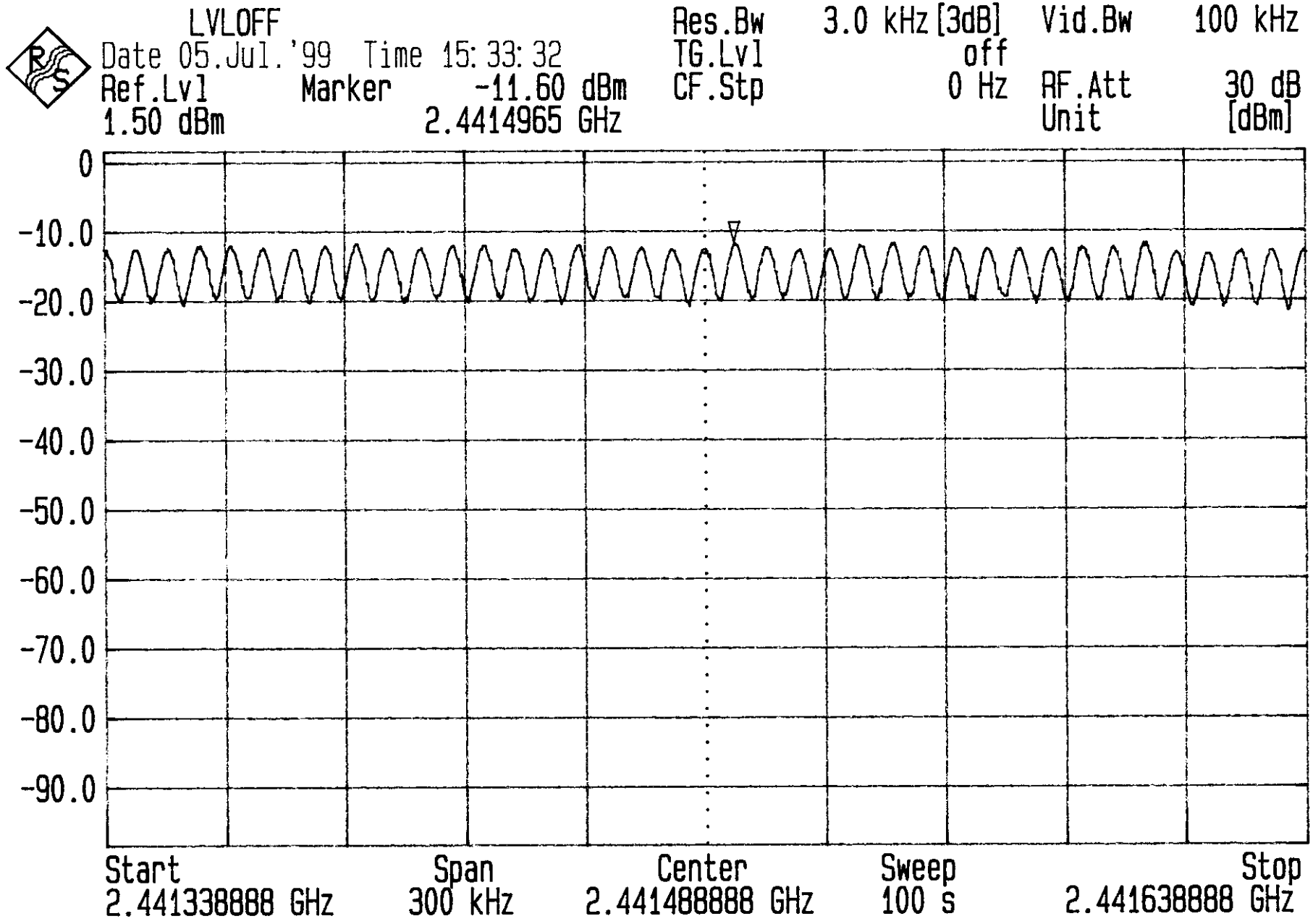

LVLOFF
Date 05.Jul.'99 Time 15:11:56
Ref.Lvl
31.50 dBm
Marker
-27.59 dBm
2.39820 GHz
Res.Bw 300.0 kHz [3dB]
TG.Lvl
off
CF.Stp
0 Hz
Vid.Bw
1 MHz
RF.Att
30 dB
Unit
[dBm]
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start
2.38 GHz
Span
42 MHz
Center
2.401 GHz
Sweep
500 ms
Stop
2.422 GHz

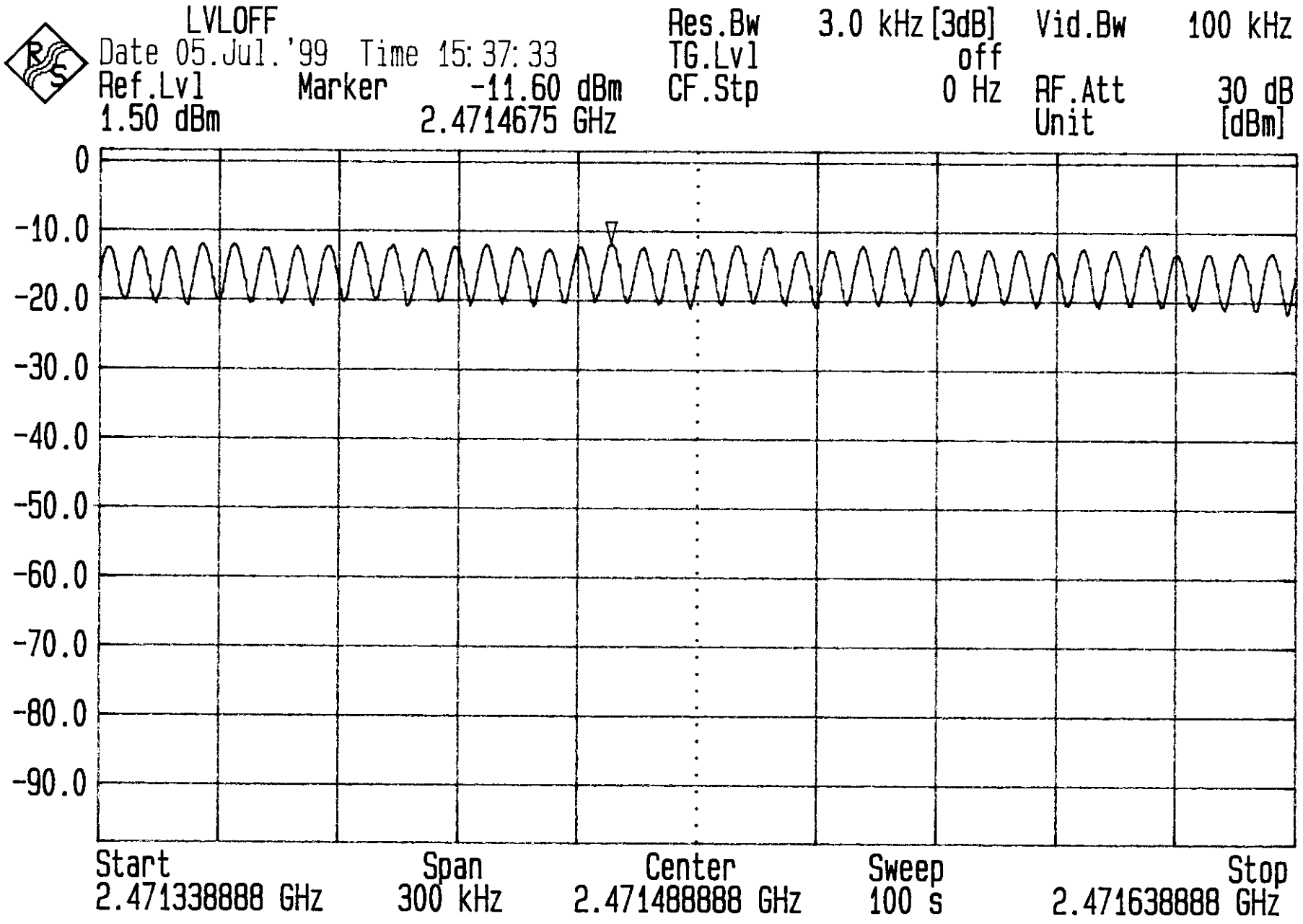

LVLOFF
Res.Bw 300.0 kHz [3dB]
Vid.Bw 1 MHz
Date 05.Jul.'99 Time 15:16:12
TG.Lvl off
Ref.Lvl Marker 8.22 dBm
CF.Stp 0 Hz
RF.Att 30 dB
31.50 dBm 2.47322 GHz
Unit [dBm]
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start 2.45 GHz
Span 50 MHz
Center 2.475 GHz
Sweep 500 ms
Stop 2.5 GHz


LVLOFF
Date 05.Jul.'99 Time 15:19:53
Ref.Lvl
31.50 dBm
Marker
-27.97 dBm
2.48355 GHz
Res.Bw 300.0 kHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 1 MHz
RF.Att 30 dB
Unit [dBm]
30.0
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Start 2.45 GHz
Span 50 MHz
Center 2.475 GHz
Sweep 500 ms
Stop 2.5 GHz

Appendix 6 : Ploted Datas of Power Density


LVLOFF
Res.Bw 3.0 kHz [3dB] Vid.Bw 100 kHz
Date 05.Jul.'99 Time 15:29:21
TG.Lvl off
Ref.Lvl Marker -11.67 dBm CF.Stp 0 Hz RF.Att 30 dB
1.50 dBm 2.4115963 GHz Unit [dBm]
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
Start 2.411508666 GHz
Span 300 kHz
Center 2.411658666 GHz
Sweep 100 s
Stop 2.411808666 GHz


LVLOFF
Date 05.Jul.'99 Time 15:33:32
Ref.Lvl
1.50 dBm
Marker
-11.60 dBm
2.4414965 GHz
Res.Bw 3.0 kHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 100 kHz
RF.Att 30 dB
Unit [dBm]
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
Start
2.441338888 GHz
Span
300 kHz
Center
2.441488888 GHz
Sweep
100 s
Stop
2.441638888 GHz


LVLOFF
Date 05.Jul.'99 Time 15:37:33
Ref.Lvl
1.50 dBm
Marker
-11.60 dBm
2.4714675 GHz
Res.Bw 3.0 kHz [3dB]
TG.Lvl off
CF.Stp 0 Hz
Vid.Bw 100 kHz
RF.Att 30 dB
Unit [dBm]
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
Start
2.471338888 GHz
Span
300 kHz
Center
2.471488888 GHz
Sweep
100 s
Stop
2.471638888 GHz

Appendix 7 : Processing Gain Tested Data Sheets

WL2432 QPSK CH1 Processing Gain Test Data

Channel 1 Channel Power=-24.4dB @40 dB Attenuator and 3dB cable loss

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2401.00	-15.87	20.33		2403.20	-19.96	16.24
2401.05	-16.01	20.19		2403.25	-19.85	16.35
2401.10	-16.45	19.75		2403.30	-19.94	16.26
2401.15	-16.88	19.32		2403.35	-19.91	16.29
2401.20	-16.72	19.48		2403.40	-20.29	15.91
2401.25	-16.56	19.64		2403.45	-20.28	15.92
2401.30	-16.85	19.35		2403.50	-20.88	15.32
2401.35	-16.78	19.42		2403.55	-20.98	15.22
2401.40	-16.85	19.35		2403.60	-21.89	14.31
2401.45	-17.32	18.88		2403.65	-21.76	14.44
2401.50	-17.36	18.84		2403.70	-21.88	14.32
2401.55	-17.38	18.82		2403.75	-21.81	14.39
2401.60	-17.63	18.57		2403.80	-19.96	16.24
2401.65	-17.71	18.49		2403.85	-19.89	16.31
2401.70	-17.87	18.33		2403.90	-20.02	16.18
2401.75	-17.97	18.23		2403.95	-19.96	16.24
2401.80	-17.89	18.31		2404.00	-20.86	15.34
2401.85	-17.99	18.21		2404.05	-21.82	14.38
2401.90	-17.96	18.24		2404.10	-21.72	14.48
2401.95	-17.96	18.24		2404.15	-21.24	14.96
2402.00	-17.97	18.23		2404.20	-21.69	14.51
2402.05	-17.97	18.23		2404.25	-21.67	14.53
2402.10	-17.96	18.24		2404.30	-21.82	14.38
2402.15	-18.96	17.24		2404.35	-21.89	14.31
2402.20	-18.96	17.24		2404.40	-21.64	14.56
2402.25	-18.98	17.22		2404.45	-22.09	14.11
2402.30	-18.91	17.29		2404.50	-21.83	14.37
2402.35	-18.94	17.26		2404.55	-21.83	14.37
2402.40	-19.91	16.29		2404.60	-22.01	14.19
2402.45	-19.98	16.22		2404.65	-22.58	13.62
2402.50	-18.85	17.35		2404.70	-22.98	13.22
2402.55	-17.98	18.22		2404.75	-22.68	13.52
2402.60	-17.96	18.24		2404.80	-22.69	13.51
2402.65	-17.92	18.28		2404.85	-22.31	13.89
2402.70	-17.99	18.21		2404.90	-22.48	13.72
2402.75	-17.99	18.21		2404.95	-21.76	14.44
2402.80	-17.99	18.21		2405.00	-20.92	15.28
2402.85	-17.86	18.34		2405.05	-20.93	15.27
2402.90	-17.98	18.22		2405.10	-20.96	15.24
2402.95	-17.97	18.23		2405.15	-20.87	15.33
2403.00	-18.60	17.60		2405.20	-20.81	15.39
2403.05	-19.95	16.25		2405.25	-20.91	15.29
2403.10	-19.85	16.35		2405.30	-20.78	15.42
2403.15	-19.84	16.36		2405.35	-20.56	15.64

WL2432 QPSK CH1 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2405.40	-20.66	15.54		2407.60	-23.13	13.07
2405.45	-20.78	15.42		2407.65	-22.19	14.01
2405.50	-20.66	15.54		2407.70	-23.04	13.16
2405.55	-21.74	14.46		2407.75	-22.59	13.61
2405.60	-21.27	14.93		2407.80	-22.67	13.53
2405.65	-21.77	14.43		2407.85	-22.35	13.85
2405.70	-21.77	14.43		2407.90	-22.64	13.56
2405.75	-21.66	14.54		2407.95	-23.37	12.83
2405.80	-21.97	14.23		2408.00	-23.23	12.97
2405.85	-22.71	13.49		2408.05	-23.55	12.65
2405.90	-22.61	13.59		2408.10	-23.22	12.98
2405.95	-22.72	13.48		2408.15	-23.57	12.63
2406.00	-22.58	13.62		2408.20	-22.97	13.23
2406.05	-22.74	13.46		2408.25	-23.66	12.54
2406.10	-23.44	12.76		2408.30	-23.55	12.65
2406.15	-23.64	12.56		2408.35	-23.79	12.41
2406.20	-23.46	12.74		2408.40	-24.07	12.13
2406.25	-25.39	10.81		2408.45	-23.80	12.40
2406.30	-23.91	12.29		2408.50	-23.38	12.82
2406.35	-25.73	10.47		2408.55	-23.57	12.63
2406.40	-23.83	12.37		2408.60	-23.24	12.96
2406.45	-25.92	10.28		2408.65	-23.48	12.72
2406.50	-26.19	10.01		2408.70	-22.86	13.34
2406.55	-26.21	9.99		2408.75	-23.67	12.53
2406.60	-25.79	10.41		2408.80	-23.48	12.72
2406.65	-26.32	9.88		2408.85	-23.99	12.21
2406.70	-25.51	10.69		2408.90	-23.48	12.72
2406.75	-24.96	11.24		2408.95	-23.66	12.54
2406.80	-25.22	10.98		2409.00	-23.29	12.91
2406.85	-23.64	12.56		2409.05	-23.49	12.71
2406.90	-23.06	13.14		2409.10	-23.58	12.62
2406.95	-23.47	12.73		2409.15	-23.24	12.96
2407.00	-23.42	12.78		2409.20	-23.88	12.32
2407.05	-22.56	13.64		2409.25	-22.91	13.29
2407.10	-23.78	12.42		2409.30	-22.89	13.31
2407.15	-22.50	13.70		2409.35	-22.47	13.73
2407.20	-22.40	13.80		2409.40	-25.24	10.96
2407.25	-22.40	13.80		2409.45	-24.95	11.25
2407.30	-22.60	13.60		2409.50	-25.77	10.43
2407.35	-22.58	13.62		2409.55	-26.60	9.60
2407.40	-22.59	13.61		2409.60	-25.48	10.72
2407.45	-23.01	13.19		2409.65	-26.19	10.01
2407.50	-22.99	13.21		2409.70	-26.63	9.57
2407.55	-22.05	14.15		2409.75	-26.00	10.20

WL2432 QPSK CH1 Processing Gain Test Data

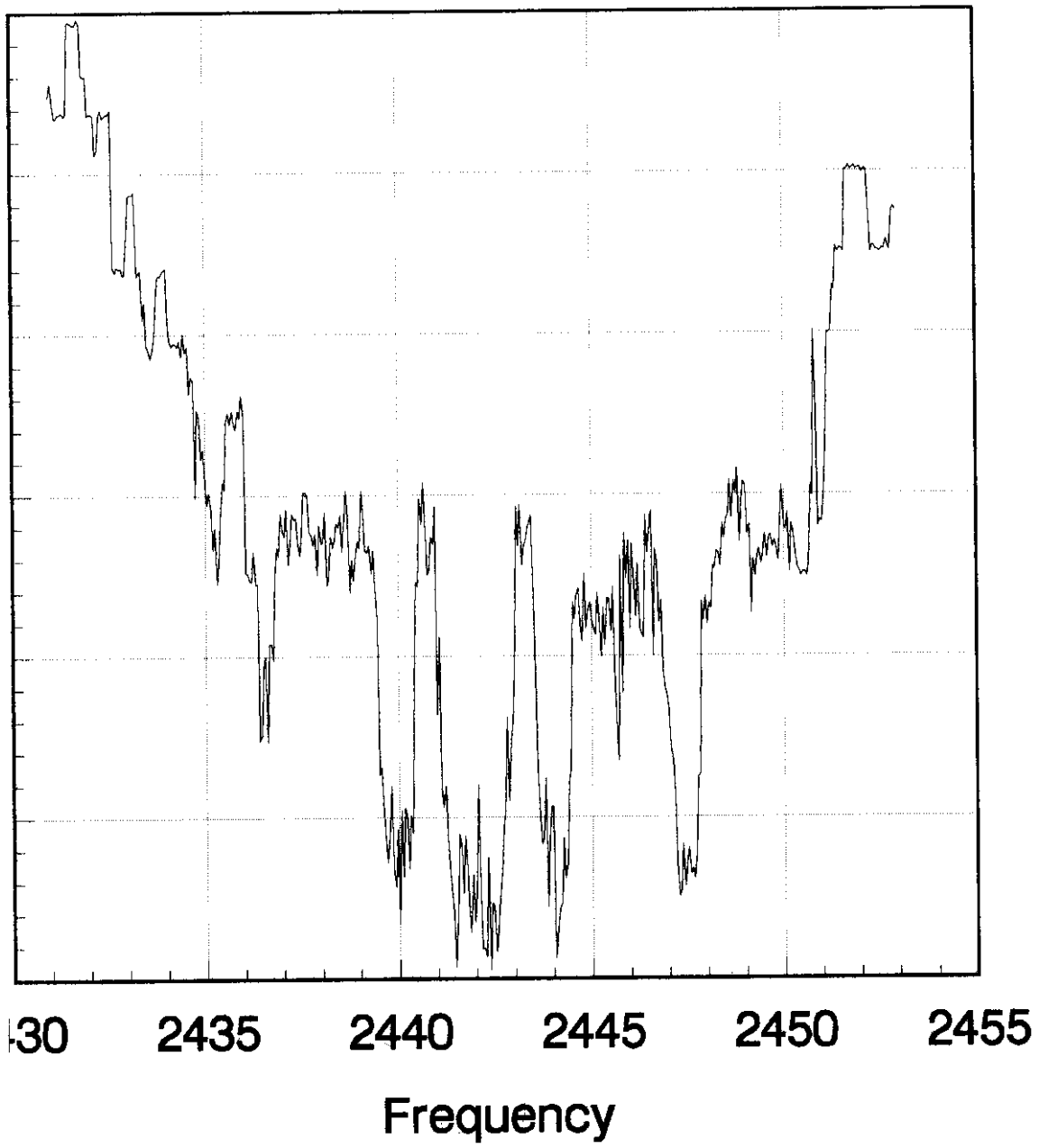
Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2409.80	-26.91	9.29		2412.00	-28.64	7.56
2409.85	-26.77	9.43		2412.05	-28.50	7.70
2409.90	-25.49	10.71		2412.10	-28.23	7.97
2409.95	-26.54	9.66		2412.15	-28.03	8.17
2410.00	-26.61	9.59		2412.20	-26.97	9.23
2410.05	-27.12	9.08		2412.25	-28.62	7.58
2410.10	-26.05	10.15		2412.30	-27.86	8.34
2410.15	-25.89	10.31		2412.35	-26.95	9.25
2410.20	-26.37	9.83		2412.40	-27.57	8.63
2410.25	-27.81	8.39		2412.45	-27.22	8.98
2410.30	-27.79	8.41		2412.50	-28.60	7.60
2410.35	-28.23	7.97		2412.55	-27.54	8.66
2410.40	-27.56	8.64		2412.60	-27.53	8.67
2410.45	-27.64	8.56		2412.65	-26.16	10.04
2410.50	-27.97	8.23		2412.70	-26.97	9.23
2410.55	-25.41	10.79		2412.75	-26.46	9.74
2410.60	-23.61	12.59		2412.80	-26.21	9.99
2410.65	-23.05	13.15		2412.85	-25.65	10.55
2410.70	-22.92	13.28		2412.90	-24.28	11.92
2410.75	-22.44	13.76		2412.95	-25.42	10.78
2410.80	-23.12	13.08		2413.00	-27.58	8.62
2410.85	-23.08	13.12		2413.05	-26.97	9.23
2410.90	-23.62	12.58		2413.10	-26.48	9.72
2410.95	-26.15	10.05		2413.15	-28.04	8.16
2411.00	-27.70	8.50		2413.20	-26.76	9.44
2411.05	-27.27	8.93		2413.25	-28.87	7.33
2411.10	-27.64	8.56		2413.30	-27.76	8.44
2411.15	-28.06	8.14		2413.35	-28.08	8.12
2411.20	-28.31	7.89		2413.40	-28.22	7.98
2411.25	-28.53	7.67		2413.45	-27.08	9.12
2411.30	-28.26	7.94		2413.50	-25.94	10.26
2411.35	-28.04	8.16		2413.55	-25.58	10.62
2411.40	-28.35	7.85		2413.60	-25.36	10.84
2411.45	-27.10	9.10		2413.65	-25.32	10.88
2411.50	-26.77	9.43		2413.70	-23.89	12.31
2411.55	-25.80	10.40		2413.75	-23.19	13.01
2411.60	-26.41	9.79		2413.80	-23.60	12.60
2411.65	-27.07	9.13		2413.85	-22.77	13.43
2411.70	-27.44	8.76		2413.90	-23.32	12.88
2411.75	-27.01	9.19		2413.95	-22.82	13.38
2411.80	-27.04	9.16		2414.00	-23.15	13.05
2411.85	-27.36	8.84		2414.05	-23.47	12.73
2411.90	-27.27	8.93		2414.10	-24.94	11.26
2411.95	-27.46	8.74		2414.15	-26.87	9.33

WL2432 QPSK CH1 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2414.20	-27.24	8.96		2416.40	-26.88	9.32
2414.25	-27.12	9.08		2416.45	-24.22	11.98
2414.30	-27.08	9.12		2416.50	-23.34	12.86
2414.35	-26.18	10.02		2416.55	-23.26	12.94
2414.40	-25.87	10.33		2416.60	-23.06	13.14
2414.45	-25.36	10.84		2416.65	-23.68	12.52
2414.50	-26.46	9.74		2416.70	-23.15	13.05
2414.55	-26.44	9.76		2416.75	-23.85	12.35
2414.60	-26.15	10.05		2416.80	-23.78	12.42
2414.65	-26.22	9.98		2416.85	-23.57	12.63
2414.70	-24.26	11.94		2416.90	-23.47	12.73
2414.75	-24.87	11.33		2416.95	-24.10	12.10
2414.80	-23.45	12.75		2417.00	-23.96	12.24
2414.85	-23.75	12.45		2417.05	-23.49	12.71
2414.90	-23.22	12.98		2417.10	-24.36	11.84
2414.95	-23.02	13.18		2417.15	-24.63	11.57
2415.00	-23.21	12.99		2417.20	-25.56	10.64
2415.05	-23.24	12.96		2417.25	-25.86	10.34
2415.10	-23.35	12.85		2417.30	-26.56	9.64
2415.15	-23.86	12.34		2417.35	-27.29	8.91
2415.20	-23.04	13.16		2417.40	-27.16	9.04
2415.25	-23.48	12.72		2417.45	-27.28	8.92
2415.30	-23.46	12.74		2417.50	-27.62	8.58
2415.35	-24.33	11.87		2417.55	-27.75	8.45
2415.40	-23.61	12.59		2417.60	-27.47	8.73
2415.45	-23.83	12.37		2417.65	-27.66	8.54
2415.50	-24.22	11.98		2417.70	-26.40	9.80
2415.55	-23.55	12.65		2417.75	-26.42	9.78
2415.60	-23.73	12.47		2417.80	-26.37	9.83
2415.65	-23.38	12.82		2417.85	-25.41	10.79
2415.70	-24.04	12.16		2417.90	-25.32	10.88
2415.75	-23.65	12.55		2417.95	-23.81	12.39
2415.80	-24.24	11.96		2418.00	-24.80	11.40
2415.85	-24.86	11.34		2418.05	-23.96	12.24
2415.90	-24.11	12.09		2418.10	-23.58	12.62
2415.95	-24.22	11.98		2418.15	-24.28	11.92
2416.00	-24.46	11.74		2418.20	-23.42	12.78
2416.05	-24.47	11.73		2418.25	-23.46	12.74
2416.10	-24.91	11.29		2418.30	-23.76	12.44
2416.15	-25.05	11.15		2418.35	-23.91	12.29
2416.20	-26.67	9.53		2418.40	-22.97	13.23
2416.25	-26.39	9.81		2418.45	-23.06	13.14
2416.30	-26.15	10.05		2418.50	-23.12	13.08
2416.35	-26.54	9.66		2418.55	-23.08	13.12

WL2432 QPSK CH1 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2418.60	-23.06	13.14		2420.80	-23.11	13.09
2418.65	-22.99	13.21		2420.85	-22.58	13.62
2418.70	-23.09	13.11		2420.90	-22.61	13.59
2418.75	-23.11	13.09		2420.95	-22.65	13.55
2418.80	-22.97	13.23		2421.00	-22.10	14.10
2418.85	-23.07	13.13		2421.05	-22.07	14.13
2418.90	-22.55	13.65		2421.10	-22.12	14.08
2418.95	-22.46	13.74		2421.15	-22.10	14.10
2419.00	-22.46	13.74		2421.20	-20.07	16.13
2419.05	-22.48	13.72		2421.25	-20.66	15.54
2419.10	-23.26	12.94		2421.30	-20.12	16.08
2419.15	-22.98	13.22		2421.35	-20.19	16.01
2419.20	-23.12	13.08		2421.40	-20.19	16.01
2419.25	-22.82	13.38		2421.45	-20.21	15.99
2419.30	-23.04	13.16		2421.50	-19.68	16.52
2419.35	-23.02	13.18		2421.55	-19.16	17.04
2419.40	-23.05	13.15		2421.60	-19.23	16.97
2419.45	-22.96	13.24		2421.65	-19.19	17.01
2419.50	-23.15	13.05		2421.70	-19.21	16.99
2419.55	-22.86	13.34		2421.75	-19.23	16.97
2419.60	-22.77	13.43		2421.80	-19.16	17.04
2419.65	-22.86	13.34		2421.85	-19.22	16.98
2419.70	-22.92	13.28		2421.90	-19.22	16.98
2419.75	-23.12	13.08		2421.95	-19.22	16.98
2419.80	-23.16	13.04		2422.00	-19.20	17.00
2419.85	-23.12	13.08		2422.05	-18.21	17.99
2419.90	-23.19	13.01		2422.10	-18.21	17.99
2419.95	-23.12	13.08		2422.15	-18.23	17.97
2420.00	-23.16	13.04		2422.20	-18.23	17.97
2420.05	-22.96	13.24		2422.25	-18.23	17.97
2420.10	-23.12	13.08		2422.30	-19.27	16.93
2420.15	-23.17	13.03		2422.35	-18.89	17.31
2420.20	-22.91	13.29		2422.40	-19.19	17.01
2420.25	-23.15	13.05		2422.45	-19.23	16.97
2420.30	-23.27	12.93		2422.50	-19.16	17.04
2420.35	-23.04	13.16		2422.55	-19.09	17.11
2420.40	-23.08	13.12		2422.60	-19.19	17.01
2420.45	-22.78	13.42		2422.65	-19.16	17.04
2420.50	-23.12	13.08		2422.70	-19.70	16.50
2420.55	-23.04	13.16		2422.75	-19.16	17.04
2420.60	-23.01	13.19		2422.80	-19.25	16.95
2420.65	-23.06	13.14		2422.85	-19.71	16.49
2420.70	-23.14	13.06		2422.90	-19.19	17.01
2420.75	-23.20	13.00		2422.95	-19.35	16.85


Channel 7 QPSK PG data
2435
2440
2445
2450
2455
Frequency

WL2432 QPSK CH7 Processing Gain Test Data

Channel 7 Channel Power=-26.5dB @40 dB Attenuator and 3dB cable loss

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2431.00	-19.34	18.96		2433.20	-20.53	17.77
2431.05	-19.18	19.12		2433.25	-21.57	16.73
2431.10	-19.43	18.87		2433.30	-21.53	16.77
2431.15	-19.61	18.69		2433.35	-21.51	16.79
2431.20	-19.61	18.69		2433.40	-22.11	16.19
2431.25	-19.56	18.74		2433.45	-21.90	16.40
2431.30	-19.56	18.74		2433.50	-22.43	15.87
2431.35	-19.54	18.76		2433.55	-22.50	15.80
2431.40	-19.58	18.72		2433.60	-22.59	15.71
2431.45	-19.56	18.74		2433.65	-22.52	15.78
2431.50	-18.42	19.88		2433.70	-22.34	15.96
2431.55	-18.42	19.88		2433.75	-21.85	16.45
2431.60	-18.43	19.87		2433.80	-21.57	16.73
2431.65	-18.45	19.85		2433.85	-21.57	16.73
2431.70	-18.45	19.85		2433.90	-21.53	16.77
2431.75	-18.38	19.92		2433.95	-21.50	16.80
2431.80	-18.43	19.87		2434.00	-21.48	16.82
2431.85	-19.06	19.24		2434.05	-22.13	16.17
2431.90	-19.09	19.21		2434.10	-22.37	15.93
2431.95	-19.09	19.21		2434.15	-22.45	15.85
2432.00	-19.58	18.72		2434.20	-22.41	15.89
2432.05	-19.56	18.74		2434.25	-22.41	15.89
2432.10	-19.56	18.74		2434.30	-22.45	15.85
2432.15	-19.57	18.73		2434.35	-22.38	15.92
2432.20	-20.07	18.23		2434.40	-22.57	15.73
2432.25	-20.00	18.30		2434.45	-22.29	16.01
2432.30	-19.58	18.72		2434.50	-22.52	15.78
2432.35	-19.51	18.79		2434.55	-22.45	15.85
2432.40	-19.61	18.69		2434.60	-23.03	15.27
2432.45	-19.58	18.72		2434.65	-22.83	15.47
2432.50	-19.56	18.74		2434.70	-22.87	15.43
2432.55	-19.56	18.74		2434.75	-24.33	13.97
2432.60	-19.51	18.79		2434.80	-23.24	15.06
2432.65	-21.46	16.84		2434.85	-23.32	14.98
2432.70	-21.53	16.77		2434.90	-23.84	14.46
2432.75	-21.46	16.84		2434.95	-23.73	14.57
2432.80	-21.48	16.82		2435.00	-24.15	14.15
2432.85	-21.48	16.82		2435.05	-24.41	13.89
2432.90	-21.55	16.75		2435.10	-24.27	14.03
2432.95	-21.55	16.75		2435.15	-24.48	13.82
2433.00	-21.06	17.24		2435.20	-24.97	13.33
2433.05	-20.58	17.72		2435.25	-24.71	13.59
2433.10	-20.56	17.74		2435.30	-25.39	12.91
2433.15	-20.56	17.74		2435.35	-25.15	13.15

WL2432 QPSK CH7 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2435.40	-24.61	13.69		2437.60	-24.26	14.04
2435.45	-24.13	14.17		2437.65	-24.33	13.97
2435.50	-24.23	14.07		2437.70	-24.75	13.55
2435.55	-23.38	14.92		2437.75	-24.80	13.50
2435.60	-23.27	15.03		2437.80	-24.92	13.38
2435.65	-23.41	14.89		2437.85	-24.78	13.52
2435.70	-23.25	15.05		2437.90	-25.28	13.02
2435.75	-23.41	14.89		2437.95	-24.67	13.63
2435.80	-23.48	14.82		2438.00	-24.90	13.40
2435.85	-23.25	15.05		2438.05	-24.88	13.42
2435.90	-23.34	14.96		2438.10	-24.51	13.79
2435.95	-23.06	15.24		2438.15	-25.42	12.88
2436.00	-23.32	14.98		2438.20	-25.30	13.00
2436.05	-25.27	13.03		2438.25	-24.81	13.49
2436.10	-25.27	13.03		2438.30	-24.95	13.35
2436.15	-25.36	12.94		2438.35	-24.86	13.44
2436.20	-25.37	12.93		2438.40	-24.65	13.65
2436.25	-25.00	13.30		2438.45	-24.69	13.61
2436.30	-25.40	12.90		2438.50	-24.55	13.75
2436.35	-25.40	12.90		2438.55	-25.00	13.30
2436.40	-27.34	10.96		2438.60	-24.58	13.72
2436.45	-27.27	11.03		2438.65	-24.24	14.06
2436.50	-26.42	11.88		2438.70	-24.59	13.71
2436.55	-26.30	12.00		2438.75	-25.50	12.80
2436.60	-27.36	10.94		2438.80	-25.10	13.20
2436.65	-26.14	12.16		2438.85	-25.36	12.94
2436.70	-26.14	12.16		2438.90	-25.03	13.27
2436.75	-26.35	11.95		2438.95	-24.87	13.43
2436.80	-25.30	13.00		2439.00	-24.96	13.34
2436.85	-24.95	13.35		2439.05	-24.24	14.06
2436.90	-25.05	13.25		2439.10	-24.52	13.78
2436.95	-24.53	13.77		2439.15	-24.99	13.31
2437.00	-24.74	13.56		2439.20	-25.01	13.29
2437.05	-24.81	13.49		2439.25	-24.92	13.38
2437.10	-24.47	13.83		2439.30	-25.27	13.03
2437.15	-25.16	13.14		2439.35	-24.99	13.31
2437.20	-24.91	13.39		2439.40	-25.45	12.85
2437.25	-24.53	13.77		2439.45	-25.84	12.46
2437.30	-24.60	13.70		2439.50	-27.77	10.53
2437.35	-24.58	13.72		2439.55	-27.68	10.62
2437.40	-24.88	13.42		2439.60	-28.24	10.06
2437.45	-25.05	13.25		2439.65	-28.59	9.71
2437.50	-24.77	13.53		2439.70	-28.85	9.45
2437.55	-24.26	14.04		2439.75	-28.41	9.89

WL2432 QPSK CH7 Processing Gain Test Data

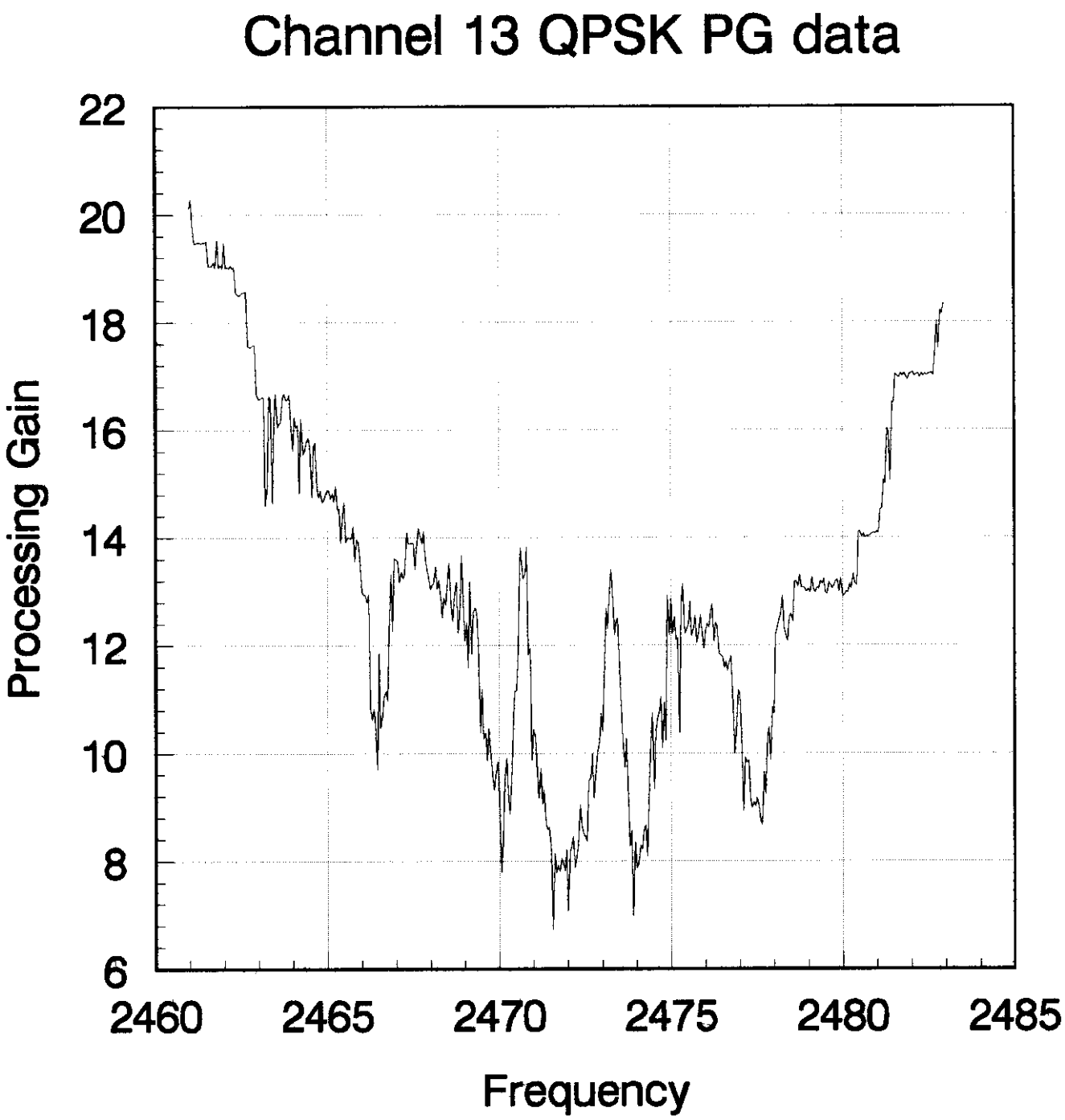
Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2439.80	-27.91	10.39		2442.00	-29.25	9.05
2439.85	-28.93	9.37		2442.05	-27.89	10.41
2439.90	-29.15	9.15		2442.10	-29.25	9.05
2439.95	-28.44	9.86		2442.15	-29.93	8.37
2440.00	-29.62	8.68		2442.20	-29.93	8.37
2440.05	-28.21	10.09		2442.25	-30.03	8.27
2440.10	-29.03	9.27		2442.30	-28.80	9.50
2440.15	-28.18	10.12		2442.35	-30.19	8.11
2440.20	-28.32	9.98		2442.40	-29.37	8.93
2440.25	-28.93	9.37		2442.45	-29.39	8.91
2440.30	-28.28	10.02		2442.50	-29.96	8.34
2440.35	-28.49	9.81		2442.55	-29.70	8.60
2440.40	-26.66	11.64		2442.60	-29.32	8.98
2440.45	-25.38	12.92		2442.65	-28.99	9.31
2440.50	-25.43	12.87		2442.70	-28.42	9.88
2440.55	-24.35	13.95		2442.75	-28.24	10.06
2440.60	-24.66	13.64		2442.80	-27.06	11.24
2440.65	-24.14	14.16		2442.85	-28.09	10.21
2440.70	-24.61	13.69		2442.90	-27.34	10.96
2440.75	-25.29	13.01		2442.95	-27.12	11.18
2440.80	-25.24	13.06		2443.00	-26.51	11.79
2440.85	-24.82	13.48		2443.05	-24.44	13.86
2440.90	-24.91	13.39		2443.10	-24.93	13.37
2440.95	-24.45	13.85		2443.15	-24.42	13.88
2441.00	-27.02	11.28		2443.20	-25.17	13.13
2441.05	-26.06	12.24		2443.25	-24.93	13.37
2441.10	-27.93	10.37		2443.30	-24.89	13.41
2441.15	-28.17	10.13		2443.35	-24.70	13.60
2441.20	-27.91	10.39		2443.40	-24.63	13.67
2441.25	-28.54	9.76		2443.45	-24.56	13.74
2441.30	-28.89	9.41		2443.50	-25.59	12.71
2441.35	-29.26	9.04		2443.55	-26.52	11.78
2441.40	-29.47	8.83		2443.60	-27.67	10.63
2441.45	-30.15	8.15		2443.65	-28.31	9.99
2441.50	-29.54	8.76		2443.70	-28.63	9.67
2441.55	-28.51	9.79		2443.75	-28.56	9.74
2441.60	-28.67	9.63		2443.80	-27.81	10.49
2441.65	-29.24	9.06		2443.85	-29.41	8.89
2441.70	-28.53	9.77		2443.90	-28.59	9.71
2441.75	-28.94	9.36		2443.95	-28.17	10.13
2441.80	-29.49	8.81		2444.00	-28.17	10.13
2441.85	-29.72	8.58		2444.05	-30.05	8.25
2441.90	-29.01	9.29		2444.10	-29.69	8.61
2441.95	-29.60	8.70		2444.15	-29.44	8.86

WL2432 QPSK CH7 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2444.20	-29.37	8.93		2446.40	-24.56	13.74
2444.25	-28.56	9.74		2446.45	-25.02	13.28
2444.30	-29.06	9.24		2446.50	-24.67	13.63
2444.35	-28.87	9.43		2446.55	-24.51	13.79
2444.40	-27.84	10.46		2446.60	-26.30	12.00
2444.45	-27.72	10.58		2446.65	-24.98	13.32
2444.50	-25.64	12.66		2446.70	-25.14	13.16
2444.55	-25.84	12.46		2446.75	-25.88	12.42
2444.60	-25.56	12.74		2446.80	-25.62	12.68
2444.65	-25.47	12.83		2446.85	-26.47	11.83
2444.70	-25.91	12.39		2446.90	-26.68	11.62
2444.75	-26.12	12.18		2446.95	-26.80	11.50
2444.80	-25.28	13.02		2447.00	-26.98	11.32
2444.85	-25.96	12.34		2447.05	-27.44	10.86
2444.90	-25.75	12.55		2447.10	-27.60	10.70
2444.95	-25.64	12.66		2447.15	-28.02	10.28
2445.00	-25.85	12.45		2447.20	-28.88	9.42
2445.05	-25.95	12.35		2447.25	-29.28	9.02
2445.10	-26.04	12.26		2447.30	-29.21	9.09
2445.15	-25.52	12.78		2447.35	-28.64	9.66
2445.20	-25.83	12.47		2447.40	-29.16	9.14
2445.25	-26.31	11.99		2447.45	-28.88	9.42
2445.30	-25.71	12.59		2447.50	-28.68	9.62
2445.35	-26.16	12.14		2447.55	-29.01	9.29
2445.40	-25.59	12.71		2447.60	-28.94	9.36
2445.45	-25.59	12.71		2447.65	-29.06	9.24
2445.50	-25.99	12.31		2447.70	-28.76	9.54
2445.55	-25.45	12.85		2447.75	-27.80	10.50
2445.60	-26.47	11.83		2447.80	-27.77	10.53
2445.65	-27.24	11.06		2447.85	-25.63	12.67
2445.70	-27.60	10.70		2447.90	-25.86	12.44
2445.75	-25.06	13.24		2447.95	-25.56	12.74
2445.80	-26.76	11.54		2448.00	-25.91	12.39
2445.85	-24.78	13.52		2448.05	-25.65	12.65
2445.90	-25.34	12.96		2448.10	-25.72	12.58
2445.95	-24.88	13.42		2448.15	-25.19	13.11
2446.00	-25.96	12.34		2448.20	-25.22	13.08
2446.05	-24.91	13.39		2448.25	-25.01	13.29
2446.10	-25.42	12.88		2448.30	-25.03	13.27
2446.15	-25.82	12.48		2448.35	-25.19	13.11
2446.20	-25.16	13.14		2448.40	-24.66	13.64
2446.25	-25.96	12.34		2448.45	-24.84	13.46
2446.30	-26.03	12.27		2448.50	-24.63	13.67
2446.35	-26.08	12.22		2448.55	-24.54	13.76

WL2432 QPSK CH7 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2448.60	-24.12	14.18		2450.80	-22.27	16.03
2448.65	-24.59	13.71		2450.85	-23.31	14.99
2448.70	-24.14	14.16		2450.90	-24.69	13.61
2448.75	-24.28	14.02		2450.95	-24.62	13.68
2448.80	-23.98	14.32		2451.00	-24.64	13.66
2448.85	-24.89	13.41		2451.05	-24.27	14.03
2448.90	-24.38	13.92		2451.10	-23.70	14.60
2448.95	-24.15	14.15		2451.15	-22.32	15.98
2449.00	-24.20	14.10		2451.20	-22.30	16.00
2449.05	-24.79	13.51		2451.25	-22.28	16.02
2449.10	-24.67	13.63		2451.30	-21.72	16.58
2449.15	-25.77	12.53		2451.35	-21.77	16.53
2449.20	-25.11	13.19		2451.40	-21.23	17.07
2449.25	-25.32	12.98		2451.45	-21.30	17.00
2449.30	-25.07	13.23		2451.50	-21.26	17.04
2449.35	-24.97	13.33		2451.55	-21.26	17.04
2449.40	-25.16	13.14		2451.60	-21.30	17.00
2449.45	-25.04	13.26		2451.65	-20.29	18.01
2449.50	-24.79	13.51		2451.70	-20.27	18.03
2449.55	-25.08	13.22		2451.75	-20.23	18.07
2449.60	-24.84	13.46		2451.80	-20.28	18.02
2449.65	-24.80	13.50		2451.85	-20.26	18.04
2449.70	-24.96	13.34		2451.90	-20.23	18.07
2449.75	-24.87	13.43		2451.95	-20.28	18.02
2449.80	-24.96	13.34		2452.00	-20.26	18.04
2449.85	-25.12	13.18		2452.05	-20.26	18.04
2449.90	-24.62	13.68		2452.10	-20.32	17.98
2449.95	-24.20	14.10		2452.15	-20.27	18.03
2450.00	-24.69	13.61		2452.20	-20.29	18.01
2450.05	-24.74	13.56		2452.25	-20.73	17.57
2450.10	-24.53	13.77		2452.30	-21.30	17.00
2450.15	-25.27	13.03		2452.35	-21.23	17.07
2450.20	-24.67	13.63		2452.40	-21.23	17.07
2450.25	-24.76	13.54		2452.45	-21.28	17.02
2450.30	-25.02	13.28		2452.50	-21.28	17.02
2450.35	-25.20	13.10		2452.55	-21.30	17.00
2450.40	-25.25	13.05		2452.60	-21.26	17.04
2450.45	-25.32	12.98		2452.65	-21.27	17.03
2450.50	-25.27	13.03		2452.70	-21.15	17.15
2450.55	-25.27	13.03		2452.75	-21.23	17.07
2450.60	-25.32	12.98		2452.80	-21.29	17.01
2450.65	-25.16	13.14		2452.85	-20.79	17.51
2450.70	-24.18	14.12		2452.90	-20.74	17.56
2450.75	-24.32	13.98		2452.95	-20.79	17.51


Channel 13 QPSK PG data
Processing Gain
22
20
18
16
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12
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8
6
2460
2465
2470
2475
2480
2485
Frequency

WL2432 QPSK CH13 Processing Gain Test Data

Channel 13 Channel Power=-25.7dB @40 dB Attenuator and 3dB cable loss

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2461.00	-17.38	20.12		2463.20	-22.90	14.60
2461.05	-17.23	20.27		2463.25	-22.55	14.95
2461.10	-17.80	19.70		2463.30	-20.87	16.63
2461.15	-18.04	19.46		2463.35	-20.92	16.58
2461.20	-18.04	19.46		2463.40	-22.86	14.64
2461.25	-18.02	19.48		2463.45	-21.33	16.17
2461.30	-18.02	19.48		2463.50	-20.83	16.67
2461.35	-18.04	19.46		2463.55	-21.45	16.05
2461.40	-18.02	19.48		2463.60	-21.38	16.12
2461.45	-18.02	19.48		2463.65	-21.36	16.14
2461.50	-18.00	19.50		2463.70	-20.88	16.62
2461.55	-18.45	19.05		2463.75	-20.83	16.67
2461.60	-18.46	19.04		2463.80	-20.94	16.56
2461.65	-18.46	19.04		2463.85	-20.94	16.56
2461.70	-18.38	19.12		2463.90	-20.85	16.65
2461.75	-18.49	19.01		2463.95	-21.36	16.14
2461.80	-17.98	19.52		2464.00	-21.88	15.62
2461.85	-18.49	19.01		2464.05	-21.26	16.24
2461.90	-18.44	19.06		2464.10	-21.45	16.05
2461.95	-18.50	19.00		2464.15	-21.40	16.10
2462.00	-18.02	19.48		2464.20	-22.67	14.83
2462.05	-18.50	19.00		2464.25	-21.29	16.21
2462.10	-18.48	19.02		2464.30	-21.95	15.55
2462.15	-18.50	19.00		2464.35	-21.88	15.62
2462.20	-18.45	19.05		2464.40	-21.70	15.80
2462.25	-18.50	19.00		2464.45	-21.64	15.86
2462.30	-18.48	19.02		2464.50	-21.82	15.68
2462.35	-18.94	18.56		2464.55	-22.74	14.76
2462.40	-18.99	18.51		2464.60	-21.81	15.69
2462.45	-19.00	18.50		2464.65	-21.74	15.76
2462.50	-18.98	18.52		2464.70	-22.59	14.91
2462.55	-18.95	18.55		2464.75	-22.75	14.75
2462.60	-18.95	18.55		2464.80	-22.63	14.87
2462.65	-18.93	18.57		2464.85	-22.84	14.66
2462.70	-19.94	17.56		2464.90	-22.80	14.70
2462.75	-19.96	17.54		2464.95	-22.70	14.80
2462.80	-19.96	17.54		2465.00	-22.61	14.89
2462.85	-19.92	17.58		2465.05	-22.63	14.87
2462.90	-19.92	17.58		2465.10	-22.77	14.73
2462.95	-20.82	16.68		2465.15	-22.68	14.82
2463.00	-20.93	16.57		2465.20	-22.84	14.66
2463.05	-20.93	16.57		2465.25	-22.54	14.96
2463.10	-20.89	16.61		2465.30	-22.98	14.52
2463.15	-20.91	16.59		2465.35	-22.96	14.54

WL2432 QPSK CH13 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2465.40	-23.59	13.91		2467.60	-23.59	13.91
2465.45	-23.08	14.42		2467.65	-23.33	14.17
2465.50	-22.84	14.66		2467.70	-23.45	14.05
2465.55	-23.57	13.93		2467.75	-23.61	13.89
2465.60	-23.50	14.00		2467.80	-23.38	14.12
2465.65	-23.51	13.99		2467.85	-23.82	13.68
2465.70	-23.51	13.99		2467.90	-24.10	13.40
2465.75	-23.30	14.20		2467.95	-24.23	13.27
2465.80	-23.94	13.56		2468.00	-24.46	13.04
2465.85	-23.54	13.96		2468.05	-24.38	13.12
2465.90	-23.59	13.91		2468.10	-24.36	13.14
2465.95	-23.89	13.61		2468.15	-24.03	13.47
2466.00	-24.51	12.99		2468.20	-24.45	13.05
2466.05	-24.56	12.94		2468.25	-24.29	13.21
2466.10	-24.56	12.94		2468.30	-24.59	12.91
2466.15	-24.70	12.80		2468.35	-24.98	12.52
2466.20	-24.56	12.94		2468.40	-24.62	12.88
2466.25	-26.66	10.84		2468.45	-24.74	12.76
2466.30	-26.87	10.63		2468.50	-24.30	13.20
2466.35	-26.68	10.82		2468.55	-23.97	13.53
2466.40	-26.94	10.56		2468.60	-24.77	12.73
2466.45	-27.79	9.71		2468.65	-25.06	12.44
2466.50	-25.64	11.86		2468.70	-24.60	12.90
2466.55	-27.03	10.47		2468.75	-24.32	13.18
2466.60	-26.80	10.70		2468.80	-25.27	12.23
2466.65	-26.45	11.05		2468.85	-24.97	12.53
2466.70	-26.35	11.15		2468.90	-23.83	13.67
2466.75	-26.52	10.98		2468.95	-24.67	12.83
2466.80	-25.25	12.25		2469.00	-25.41	12.09
2466.85	-24.18	13.32		2469.05	-25.08	12.42
2466.90	-25.23	12.27		2469.10	-25.91	11.59
2466.95	-23.89	13.61		2469.15	-24.32	13.18
2467.00	-23.91	13.59		2469.20	-25.66	11.84
2467.05	-23.94	13.56		2469.25	-24.87	12.63
2467.10	-24.33	13.17		2469.30	-24.80	12.70
2467.15	-24.14	13.36		2469.35	-24.90	12.60
2467.20	-24.25	13.25		2469.40	-25.45	12.05
2467.25	-24.19	13.31		2469.45	-27.12	10.38
2467.30	-23.40	14.10		2469.50	-26.31	11.19
2467.35	-23.61	13.89		2469.55	-27.24	10.26
2467.40	-23.61	13.89		2469.60	-27.12	10.38
2467.45	-23.59	13.91		2469.65	-27.63	9.87
2467.50	-23.61	13.89		2469.70	-27.04	10.46
2467.55	-24.08	13.42		2469.75	-27.56	9.94

WL2432 QPSK CH13 Processing Gain Test Data

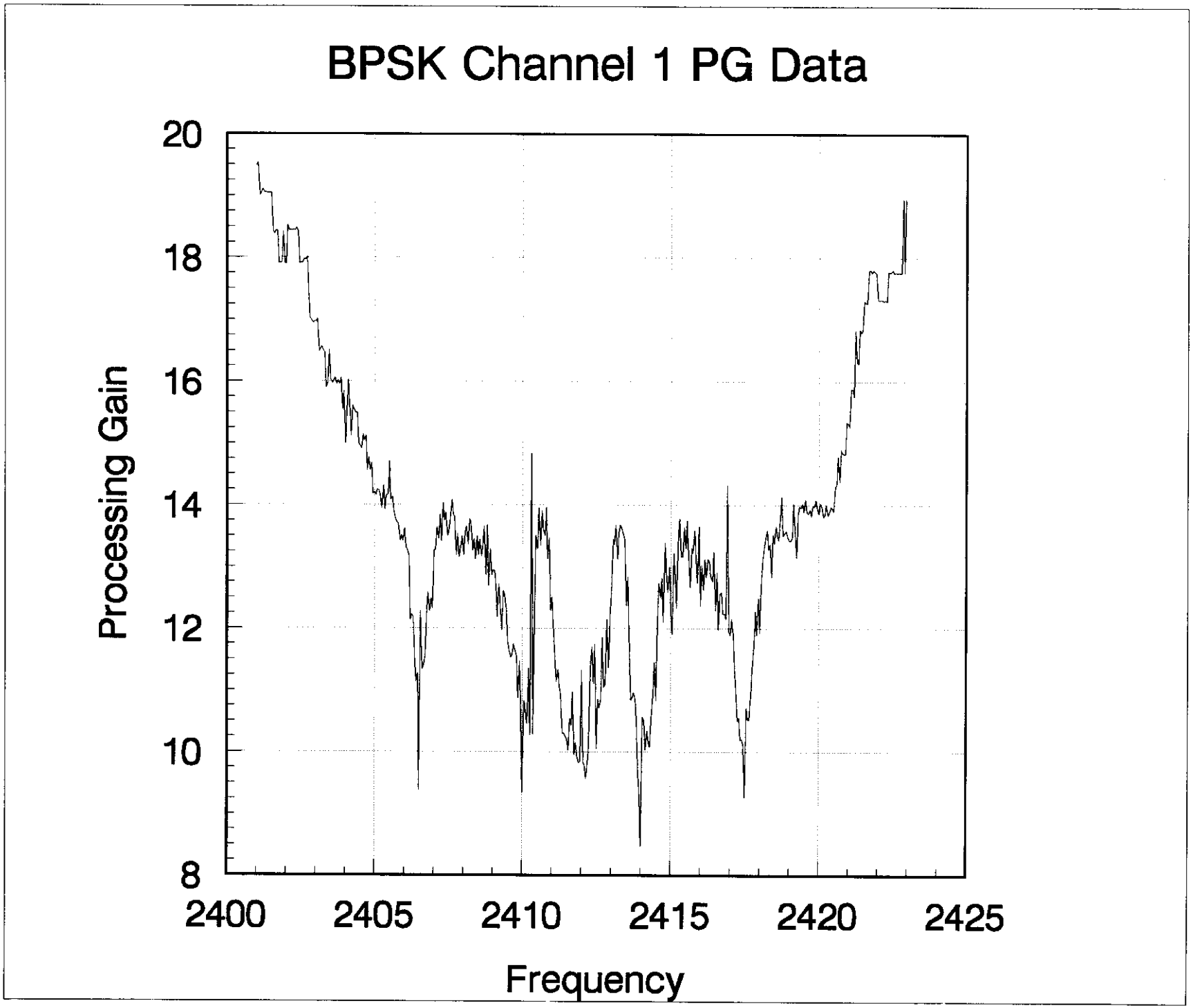
Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2469.80	-27.89	9.61		2472.00	-30.42	7.08
2469.85	-28.17	9.33		2472.05	-29.33	8.17
2469.90	-27.84	9.66		2472.10	-29.22	8.28
2469.95	-27.67	9.83		2472.15	-29.05	8.45
2470.00	-28.31	9.19		2472.20	-29.62	7.88
2470.05	-29.70	7.80		2472.25	-29.43	8.07
2470.10	-29.13	8.37		2472.30	-29.22	8.28
2470.15	-28.03	9.47		2472.35	-28.46	9.04
2470.20	-27.59	9.91		2472.40	-28.84	8.66
2470.25	-28.22	9.28		2472.45	-28.98	8.52
2470.30	-28.62	8.88		2472.50	-29.06	8.44
2470.35	-28.03	9.47		2472.55	-29.13	8.37
2470.40	-27.09	10.41		2472.60	-28.01	9.49
2470.45	-26.36	11.14		2472.65	-27.96	9.54
2470.50	-26.34	11.16		2472.70	-27.51	9.99
2470.55	-25.55	11.95		2472.75	-28.33	9.17
2470.60	-23.68	13.82		2472.80	-27.83	9.67
2470.65	-23.98	13.52		2472.85	-27.49	10.01
2470.70	-24.26	13.24		2472.90	-27.28	10.22
2470.75	-24.17	13.33		2472.95	-26.76	10.74
2470.80	-23.68	13.82		2473.00	-27.09	10.41
2470.85	-25.67	11.83		2473.05	-25.81	11.69
2470.90	-25.55	11.95		2473.10	-24.82	12.68
2470.95	-27.63	9.87		2473.15	-25.19	12.31
2471.00	-27.06	10.44		2473.20	-24.48	13.02
2471.05	-27.20	10.30		2473.25	-24.10	13.40
2471.10	-27.86	9.64		2473.30	-24.50	13.00
2471.15	-28.33	9.17		2473.35	-25.31	12.19
2471.20	-27.78	9.72		2473.40	-25.05	12.45
2471.25	-28.44	9.06		2473.45	-25.00	12.50
2471.30	-28.18	9.32		2473.50	-25.93	11.57
2471.35	-28.82	8.68		2473.55	-26.64	10.86
2471.40	-28.91	8.59		2473.60	-27.25	10.25
2471.45	-28.88	8.62		2473.65	-27.75	9.75
2471.50	-29.32	8.18		2473.70	-27.23	10.27
2471.55	-30.76	6.74		2473.75	-28.07	9.43
2471.60	-29.36	8.14		2473.80	-29.22	8.28
2471.65	-29.71	7.79		2473.85	-28.94	8.56
2471.70	-29.59	7.91		2473.90	-30.52	6.98
2471.75	-29.69	7.81		2473.95	-29.16	8.34
2471.80	-29.45	8.05		2474.00	-29.62	7.88
2471.85	-29.52	7.98		2474.05	-29.57	7.93
2471.90	-29.67	7.83		2474.10	-29.22	8.28
2471.95	-29.29	8.21		2474.15	-29.27	8.23

WL2432 QPSK CH13 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2474.20	-28.87	8.63		2476.40	-25.66	11.84
2474.25	-28.84	8.66		2476.45	-25.69	11.81
2474.30	-29.41	8.09		2476.50	-25.73	11.77
2474.35	-28.07	9.43		2476.55	-25.92	11.58
2474.40	-27.29	10.21		2476.60	-25.80	11.70
2474.45	-26.75	10.75		2476.65	-25.97	11.53
2474.50	-28.16	9.34		2476.70	-25.78	11.72
2474.55	-27.08	10.42		2476.75	-25.71	11.79
2474.60	-26.87	10.63		2476.80	-26.62	10.88
2474.65	-26.71	10.79		2476.85	-27.51	9.99
2474.70	-26.45	11.05		2476.90	-27.11	10.39
2474.75	-27.41	10.09		2476.95	-26.33	11.17
2474.80	-26.56	10.94		2477.00	-26.40	11.10
2474.85	-27.27	10.23		2477.05	-27.15	10.35
2474.90	-24.58	12.92		2477.10	-28.57	8.93
2474.95	-25.30	12.20		2477.15	-27.58	9.92
2475.00	-24.64	12.86		2477.20	-27.67	9.83
2475.05	-25.29	12.21		2477.25	-27.65	9.85
2475.10	-24.98	12.52		2477.30	-28.33	9.17
2475.15	-25.39	12.11		2477.35	-28.52	8.98
2475.20	-25.36	12.14		2477.40	-28.41	9.09
2475.25	-27.12	10.38		2477.45	-28.48	9.02
2475.30	-24.74	12.76		2477.50	-28.34	9.16
2475.35	-24.36	13.14		2477.55	-28.49	9.01
2475.40	-25.29	12.21		2477.60	-28.75	8.75
2475.45	-25.22	12.28		2477.65	-28.82	8.68
2475.50	-25.10	12.40		2477.70	-27.85	9.65
2475.55	-24.69	12.81		2477.75	-28.25	9.25
2475.60	-25.33	12.17		2477.80	-27.19	10.31
2475.65	-25.17	12.33		2477.85	-27.03	10.47
2475.70	-24.94	12.56		2477.90	-27.63	9.87
2475.75	-25.46	12.04		2477.95	-26.65	10.85
2475.80	-25.24	12.26		2478.00	-26.77	10.73
2475.85	-24.94	12.56		2478.05	-25.31	12.19
2475.90	-25.22	12.28		2478.10	-25.15	12.35
2475.95	-25.56	11.94		2478.15	-25.03	12.47
2476.00	-25.24	12.26		2478.20	-24.94	12.56
2476.05	-25.10	12.40		2478.25	-24.58	12.92
2476.10	-25.17	12.33		2478.30	-25.17	12.33
2476.15	-24.87	12.63		2478.35	-25.31	12.19
2476.20	-24.74	12.76		2478.40	-25.42	12.08
2476.25	-25.43	12.07		2478.45	-24.96	12.54
2476.30	-25.09	12.41		2478.50	-24.92	12.58
2476.35	-25.14	12.36		2478.55	-25.06	12.44

WL2432 QPSK CH13 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2478.60	-24.31	13.19		2480.80	-23.46	14.04
2478.65	-24.31	13.19		2480.85	-23.43	14.07
2478.70	-24.41	13.09		2480.90	-23.41	14.09
2478.75	-24.20	13.30		2480.95	-23.43	14.07
2478.80	-24.43	13.07		2481.00	-23.39	14.11
2478.85	-24.43	13.07		2481.05	-23.41	14.09
2478.90	-24.45	13.05		2481.10	-22.99	14.51
2478.95	-24.50	13.00		2481.15	-22.96	14.54
2479.00	-24.45	13.05		2481.20	-22.44	15.06
2479.05	-24.52	12.98		2481.25	-22.49	15.01
2479.10	-24.24	13.26		2481.30	-21.48	16.02
2479.15	-24.47	13.03		2481.35	-21.56	15.94
2479.20	-24.52	12.98		2481.40	-22.44	15.06
2479.25	-24.43	13.07		2481.45	-20.99	16.51
2479.30	-24.45	13.05		2481.50	-21.01	16.49
2479.35	-24.31	13.19		2481.55	-20.48	17.02
2479.40	-24.36	13.14		2481.60	-20.51	16.99
2479.45	-24.26	13.24		2481.65	-20.53	16.97
2479.50	-24.52	12.98		2481.70	-20.46	17.04
2479.55	-24.54	12.96		2481.75	-20.51	16.99
2479.60	-24.33	13.17		2481.80	-20.46	17.04
2479.65	-24.38	13.12		2481.85	-20.53	16.97
2479.70	-24.44	13.06		2481.90	-20.57	16.93
2479.75	-24.40	13.10		2481.95	-20.48	17.02
2479.80	-24.31	13.19		2482.00	-20.46	17.04
2479.85	-24.29	13.21		2482.05	-20.44	17.06
2479.90	-24.50	13.00		2482.10	-20.51	16.99
2479.95	-24.26	13.24		2482.15	-20.48	17.02
2480.00	-24.58	12.92		2482.20	-20.46	17.04
2480.05	-24.58	12.92		2482.25	-20.53	16.97
2480.10	-24.51	12.99		2482.30	-20.46	17.04
2480.15	-24.51	12.99		2482.35	-20.51	16.99
2480.20	-24.37	13.13		2482.40	-20.47	17.03
2480.25	-24.44	13.06		2482.45	-20.50	17.00
2480.30	-24.18	13.32		2482.50	-20.47	17.03
2480.35	-24.35	13.15		2482.55	-20.47	17.03
2480.40	-24.39	13.11		2482.60	-20.45	17.05
2480.45	-23.39	14.11		2482.65	-20.50	17.00
2480.50	-23.39	14.11		2482.70	-19.99	17.51
2480.55	-23.50	14.00		2482.75	-19.49	18.01
2480.60	-23.43	14.07		2482.80	-19.99	17.51
2480.65	-23.50	14.00		2482.85	-19.29	18.21
2480.70	-23.48	14.02		2482.90	-19.35	18.15
2480.75	-23.48	14.02		2482.95	-19.17	18.33


BPSK Channel 1 PG Data
Processing Gain
20
18
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2400
2405
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2415
2420
2425
Frequency

WL2432 BPSK CH1 Processing Gain Test Data

Channel 1 Channel Power=-24.95dBm @40 dB Attenuator and 3dB cable loss

Frequency	Jamming power	Processing Gain		Frequency	Jamming Power	Processing Gain
2401.00	-17.26	19.49		2403.20	-20.19	16.56
2401.05	-17.21	19.54		2403.25	-20.26	16.49
2401.10	-17.74	19.01		2403.30	-20.29	16.46
2401.15	-17.71	19.04		2403.35	-20.85	15.90
2401.20	-17.64	19.11		2403.40	-20.78	15.97
2401.25	-17.71	19.04		2403.45	-20.24	16.51
2401.30	-17.69	19.06		2403.50	-20.71	16.04
2401.35	-17.71	19.04		2403.55	-20.78	15.97
2401.40	-17.71	19.04		2403.60	-20.73	16.02
2401.45	-17.71	19.04		2403.65	-20.69	16.06
2401.50	-17.71	19.04		2403.70	-20.80	15.95
2401.55	-18.33	18.42		2403.75	-20.73	16.02
2401.60	-18.37	18.38		2403.80	-20.80	15.95
2401.65	-18.32	18.43		2403.85	-20.69	16.06
2401.70	-18.32	18.43		2403.90	-21.20	15.55
2401.75	-18.85	17.90		2403.95	-20.91	15.84
2401.80	-18.83	17.92		2404.00	-21.75	15.00
2401.85	-18.83	17.92		2404.05	-21.23	15.52
2401.90	-18.34	18.41		2404.10	-20.72	16.03
2401.95	-18.85	17.90		2404.15	-21.26	15.49
2402.00	-18.85	17.90		2404.20	-21.63	15.12
2402.05	-18.23	18.52		2404.25	-21.14	15.61
2402.10	-18.32	18.43		2404.30	-21.21	15.54
2402.15	-18.30	18.45		2404.35	-21.26	15.49
2402.20	-18.32	18.43		2404.40	-21.26	15.49
2402.25	-18.30	18.45		2404.45	-21.75	15.00
2402.30	-18.32	18.43		2404.50	-21.79	14.96
2402.35	-18.27	18.48		2404.55	-21.84	14.91
2402.40	-18.34	18.41		2404.60	-21.61	15.14
2402.45	-18.85	17.90		2404.65	-21.70	15.05
2402.50	-18.83	17.92		2404.70	-21.63	15.12
2402.55	-18.83	17.92		2404.75	-22.19	14.56
2402.60	-18.77	17.98		2404.80	-21.98	14.77
2402.65	-18.79	17.96		2404.85	-22.19	14.56
2402.70	-18.74	18.01		2404.90	-22.07	14.68
2402.75	-19.27	17.48		2404.95	-22.57	14.18
2402.80	-19.73	17.02		2405.00	-22.54	14.21
2402.85	-19.76	16.99		2405.05	-22.59	14.16
2402.90	-19.81	16.94		2405.10	-22.50	14.25
2402.95	-19.78	16.97		2405.15	-22.52	14.23
2403.00	-19.78	16.97		2405.20	-22.62	14.13
2403.05	-19.74	17.01		2405.25	-22.80	13.95
2403.10	-20.26	16.49		2405.30	-22.44	14.31
2403.15	-20.22	16.53		2405.35	-22.82	13.93

WL2432 BPSK CH1 Processing Gain Test Data

Frequency	Jamming power	Processing Gain		Frequency	Jamming power	Processing Gain
2405.40	-22.60	14.15		2407.60	-22.67	14.08
2405.45	-22.58	14.17		2407.65	-22.91	13.84
2405.50	-22.04	14.71		2407.70	-22.94	13.81
2405.55	-22.66	14.09		2407.75	-23.56	13.19
2405.60	-22.62	14.13		2407.80	-23.22	13.53
2405.65	-22.85	13.90		2407.85	-23.60	13.15
2405.70	-22.99	13.76		2407.90	-23.44	13.31
2405.75	-23.03	13.72		2407.95	-23.26	13.49
2405.80	-23.06	13.69		2408.00	-23.56	13.19
2405.85	-23.33	13.42		2408.05	-23.19	13.56
2405.90	-23.24	13.51		2408.10	-23.10	13.65
2405.95	-23.33	13.42		2408.15	-23.39	13.36
2406.00	-23.13	13.62		2408.20	-22.98	13.77
2406.05	-23.44	13.31		2408.25	-23.05	13.70
2406.10	-23.47	13.28		2408.30	-23.49	13.26
2406.15	-23.58	13.17		2408.35	-23.31	13.44
2406.20	-24.61	12.14		2408.40	-23.63	13.12
2406.25	-24.53	12.22		2408.45	-23.26	13.49
2406.30	-24.56	12.19		2408.50	-23.56	13.19
2406.35	-25.17	11.58		2408.55	-23.31	13.44
2406.40	-25.61	11.14		2408.60	-23.58	13.17
2406.45	-25.48	11.27		2408.65	-23.39	13.36
2406.50	-27.37	9.38		2408.70	-23.10	13.65
2406.55	-24.47	12.28		2408.75	-23.88	12.87
2406.60	-25.41	11.34		2408.80	-23.08	13.67
2406.65	-25.37	11.38		2408.85	-24.06	12.69
2406.70	-25.20	11.55		2408.90	-23.46	13.29
2406.75	-24.57	12.18		2408.95	-23.89	12.86
2406.80	-24.17	12.58		2409.00	-23.80	12.95
2406.85	-24.47	12.28		2409.05	-23.82	12.93
2406.90	-24.26	12.49		2409.10	-24.07	12.68
2406.95	-24.43	12.32		2409.15	-24.56	12.19
2407.00	-23.48	13.27		2409.20	-24.03	12.72
2407.05	-23.48	13.27		2409.25	-24.40	12.35
2407.10	-23.11	13.64		2409.30	-24.78	11.97
2407.15	-23.30	13.45		2409.35	-24.14	12.61
2407.20	-22.90	13.85		2409.40	-24.21	12.54
2407.25	-23.34	13.41		2409.45	-24.45	12.30
2407.30	-22.72	14.03		2409.50	-24.96	11.79
2407.35	-23.00	13.75		2409.55	-25.10	11.65
2407.40	-22.88	13.87		2409.60	-25.22	11.53
2407.45	-23.25	13.50		2409.65	-25.17	11.58
2407.50	-23.18	13.57		2409.70	-25.01	11.74
2407.55	-22.97	13.78		2409.75	-25.13	11.62

WL2432 BPSK CH1 Processing Gain Test Data

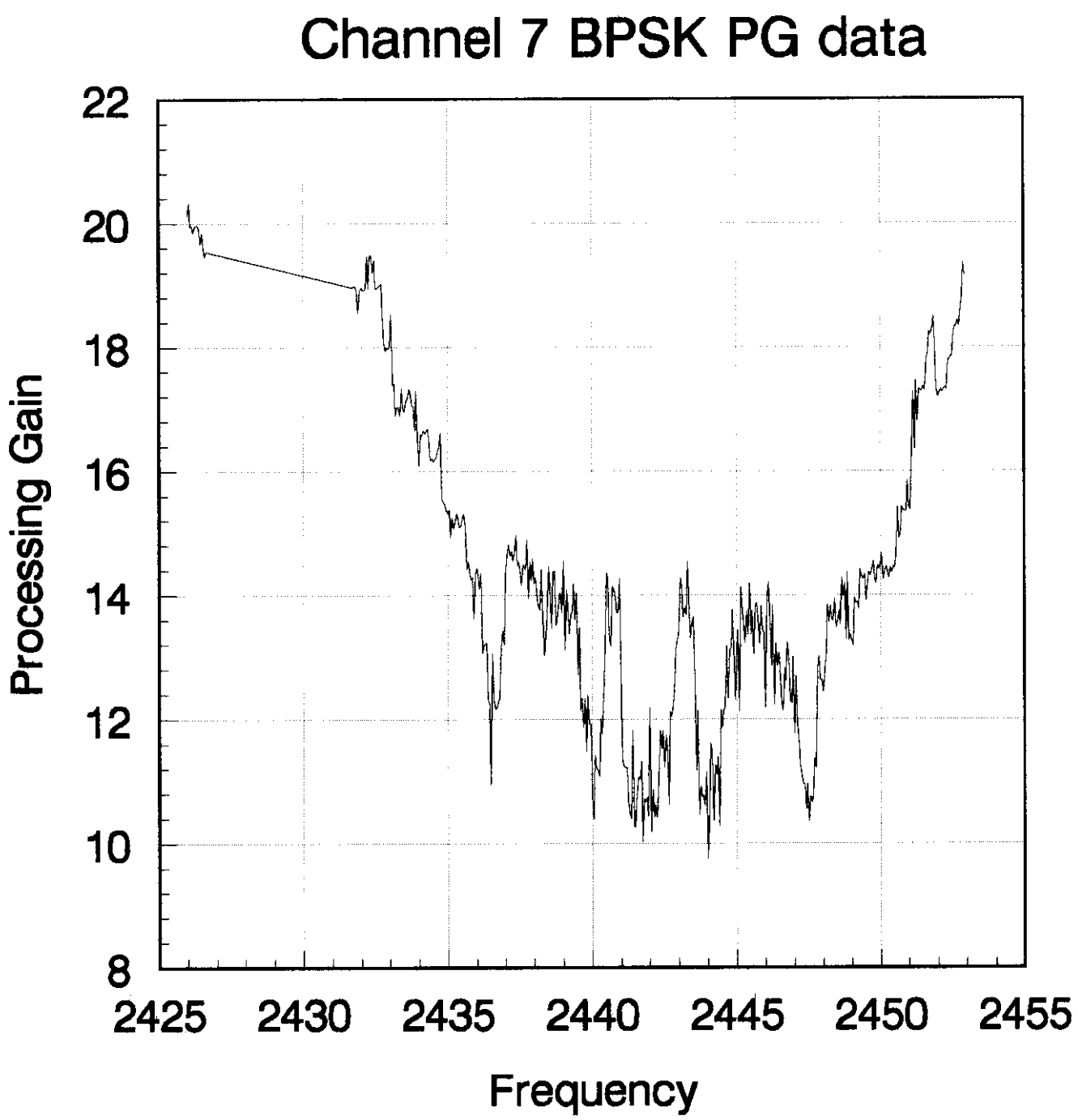
Frequency	Jamming power	Processing Gain		Frequency	Jamming power	Processing Gain
2409.80	-25.20	11.55		2412.00	-25.43	11.32
2409.85	-25.88	10.87		2412.05	-26.93	9.82
2409.90	-25.29	11.46		2412.10	-26.96	9.79
2409.95	-26.23	10.52		2412.15	-27.19	9.56
2410.00	-27.41	9.34		2412.20	-26.93	9.82
2410.05	-25.93	10.82		2412.25	-26.63	10.12
2410.10	-26.09	10.66		2412.30	-25.41	11.34
2410.15	-26.29	10.46		2412.35	-25.05	11.70
2410.20	-25.40	11.35		2412.40	-25.64	11.11
2410.25	-26.48	10.27		2412.45	-25.01	11.74
2410.30	-21.91	14.84		2412.50	-26.70	10.05
2410.35	-26.46	10.29		2412.55	-25.90	10.85
2410.40	-24.53	12.22		2412.60	-26.04	10.71
2410.45	-23.24	13.51		2412.65	-25.90	10.85
2410.50	-23.46	13.29		2412.70	-24.89	11.86
2410.55	-22.79	13.96		2412.75	-25.70	11.05
2410.60	-23.41	13.34		2412.80	-25.65	11.10
2410.65	-22.84	13.91		2412.85	-24.60	12.15
2410.70	-23.14	13.61		2412.90	-25.39	11.36
2410.75	-23.24	13.51		2412.95	-24.57	12.18
2410.80	-22.79	13.96		2413.00	-24.20	12.55
2410.85	-23.62	13.13		2413.05	-23.30	13.45
2410.90	-23.28	13.47		2413.10	-23.39	13.36
2410.95	-24.46	12.29		2413.15	-23.07	13.68
2411.00	-24.25	12.50		2413.20	-23.62	13.13
2411.05	-24.83	11.92		2413.25	-23.19	13.56
2411.10	-25.21	11.54		2413.30	-23.07	13.68
2411.15	-25.61	11.14		2413.35	-23.14	13.61
2411.20	-25.42	11.33		2413.40	-23.23	13.52
2411.25	-25.70	11.05		2413.45	-23.30	13.45
2411.30	-25.82	10.93		2413.50	-24.38	12.37
2411.35	-26.45	10.30		2413.55	-23.92	12.83
2411.40	-26.45	10.30		2413.60	-24.85	11.90
2411.45	-26.49	10.26		2413.65	-25.91	10.84
2411.50	-26.54	10.21		2413.70	-25.89	10.86
2411.55	-26.72	10.03		2413.75	-25.79	10.96
2411.60	-26.21	10.54		2413.80	-25.89	10.86
2411.65	-26.32	10.43		2413.85	-26.22	10.53
2411.70	-25.78	10.97		2413.90	-26.99	9.76
2411.75	-26.79	9.96		2413.95	-27.50	9.25
2411.80	-26.61	10.14		2414.00	-28.28	8.47
2411.85	-26.82	9.93		2414.05	-26.18	10.57
2411.90	-26.93	9.82		2414.10	-26.23	10.52
2411.95	-26.91	9.84		2414.15	-26.72	10.03

WL2432 BPSK CH1 Processing Gain Test Data

Frequency	Jamming power	Processing Gain		Frequency	Jamming power	Processing Gain
2414.20	-26.41	10.34		2416.40	-23.98	12.77
2414.25	-26.60	10.15		2416.45	-23.51	13.24
2414.30	-26.67	10.08		2416.50	-24.46	12.29
2414.35	-26.11	10.64		2416.55	-23.84	12.91
2414.40	-25.83	10.92		2416.60	-24.77	11.98
2414.45	-25.31	11.44		2416.65	-24.20	12.55
2414.50	-25.92	10.83		2416.70	-24.16	12.59
2414.55	-24.65	12.10		2416.75	-24.51	12.24
2414.60	-24.02	12.73		2416.80	-24.51	12.24
2414.65	-24.25	12.50		2416.85	-24.60	12.15
2414.70	-23.93	12.82		2416.90	-22.43	14.32
2414.75	-24.65	12.10		2416.95	-24.81	11.94
2414.80	-23.36	13.39		2417.00	-24.86	11.89
2414.85	-23.84	12.91		2417.05	-24.60	12.15
2414.90	-24.16	12.59		2417.10	-24.84	11.91
2414.95	-23.75	13.00		2417.15	-25.38	11.37
2415.00	-24.49	12.26		2417.20	-25.75	11.00
2415.05	-24.84	11.91		2417.25	-26.25	10.50
2415.10	-23.54	13.21		2417.30	-26.20	10.55
2415.15	-23.93	12.82		2417.35	-26.55	10.20
2415.20	-24.42	12.33		2417.40	-26.55	10.20
2415.25	-23.18	13.57		2417.45	-26.65	10.10
2415.30	-22.97	13.78		2417.50	-27.49	9.26
2415.35	-23.59	13.16		2417.55	-26.04	10.71
2415.40	-23.59	13.16		2417.60	-26.22	10.53
2415.45	-23.11	13.64		2417.65	-26.23	10.52
2415.50	-23.45	13.30		2417.70	-25.83	10.92
2415.55	-23.00	13.75		2417.75	-25.41	11.34
2415.60	-23.57	13.18		2417.80	-25.03	11.72
2415.65	-24.08	12.67		2417.85	-24.47	12.28
2415.70	-23.45	13.30		2417.90	-24.85	11.90
2415.75	-23.52	13.23		2417.95	-24.26	12.49
2415.80	-23.16	13.59		2418.00	-24.82	11.93
2415.85	-23.64	13.11		2418.05	-24.07	12.68
2415.90	-24.01	12.74		2418.10	-23.61	13.14
2415.95	-23.09	13.66		2418.15	-23.45	13.30
2416.00	-24.38	12.37		2418.20	-23.30	13.45
2416.05	-23.73	13.02		2418.25	-23.16	13.59
2416.10	-24.12	12.63		2418.30	-23.47	13.28
2416.15	-23.62	13.13		2418.35	-23.39	13.36
2416.20	-23.92	12.83		2418.40	-23.92	12.83
2416.25	-23.62	13.13		2418.45	-23.23	13.52
2416.30	-23.66	13.09		2418.50	-23.37	13.38
2416.35	-23.90	12.85		2418.55	-23.09	13.66

WL2432 BPSK CH1 Processing Gain Test Data

Frequency	Jamming Power	Processing Gain		Frequency	Jamming Power	Processing Gain
2418.60	-23.25	13.50		2420.80	-21.90	14.85
2418.65	-23.32	13.43		2420.85	-21.92	14.83
2418.70	-22.95	13.80		2420.90	-21.92	14.83
2418.75	-22.61	14.14		2420.95	-21.41	15.34
2418.80	-23.25	13.50		2421.00	-21.43	15.32
2418.85	-23.20	13.55		2421.05	-21.48	15.27
2418.90	-23.17	13.58		2421.10	-20.87	15.88
2418.95	-23.26	13.49		2421.15	-20.87	15.88
2419.00	-23.33	13.42		2421.20	-20.99	15.76
2419.05	-23.33	13.42		2421.25	-19.92	16.83
2419.10	-23.28	13.47		2421.30	-20.44	16.31
2419.15	-22.73	14.02		2421.35	-20.46	16.29
2419.20	-23.14	13.61		2421.40	-19.91	16.84
2419.25	-23.60	13.15		2421.45	-19.96	16.79
2419.30	-22.91	13.84		2421.50	-19.89	16.86
2419.35	-22.77	13.98		2421.55	-19.45	17.30
2419.40	-22.79	13.96		2421.60	-19.48	17.27
2419.45	-22.73	14.02		2421.65	-19.48	17.27
2419.50	-22.86	13.89		2421.70	-18.95	17.80
2419.55	-22.66	14.09		2421.75	-18.95	17.80
2419.60	-22.86	13.89		2421.80	-18.99	17.76
2419.65	-22.89	13.86		2421.85	-18.95	17.80
2419.70	-22.82	13.93		2421.90	-18.97	17.78
2419.75	-22.93	13.82		2421.95	-18.99	17.76
2419.80	-22.76	13.99		2422.00	-19.43	17.32
2419.85	-22.77	13.98		2422.05	-19.43	17.32
2419.90	-22.66	14.09		2422.10	-19.43	17.32
2419.95	-22.79	13.96		2422.15	-19.43	17.32
2420.00	-22.89	13.86		2422.20	-19.45	17.30
2420.05	-22.72	14.03		2422.25	-19.43	17.32
2420.10	-22.77	13.98		2422.30	-19.45	17.30
2420.15	-22.94	13.81		2422.35	-18.97	17.78
2420.20	-22.90	13.85		2422.40	-18.99	17.76
2420.25	-22.74	14.01		2422.45	-18.97	17.78
2420.30	-22.92	13.83		2422.50	-18.95	17.80
2420.35	-22.87	13.88		2422.55	-19.00	17.75
2420.40	-22.78	13.97		2422.60	-18.98	17.77
2420.45	-22.80	13.95		2422.65	-19.00	17.75
2420.50	-22.85	13.90		2422.70	-18.98	17.77
2420.55	-22.44	14.31		2422.75	-19.00	17.75
2420.60	-22.42	14.33		2422.80	-18.98	17.77
2420.65	-21.97	14.78		2422.85	-17.80	18.95
2420.70	-22.37	14.38		2422.90	-18.98	17.77
2420.75	-21.85	14.90		2422.95	-17.80	18.95


Channel 7 BPSK PG data
Processing Gain
22
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2455
Frequency

WL2432 BPSK CH7 Processing Gain Test Data

Channel 7 Channel Power=-26.8dBm @40 dB Attenuator and 3dB cable loss

Frequenc	Jamming Pow	Processing Gain	Frequenc	Jamming Pow	Processing Gai
2431.00	-18.47	20.13	2433.20	-21.71	16.89
2431.05	-18.28	20.32	2433.25	-21.57	17.03
2431.10	-18.65	19.95	2433.30	-21.57	17.03
2431.15	-18.64	19.96	2433.35	-21.71	16.89
2431.20	-18.75	19.85	2433.40	-21.27	17.33
2431.25	-18.66	19.94	2433.45	-21.57	17.03
2431.30	-18.64	19.96	2433.50	-21.64	16.96
2431.35	-18.64	19.96	2433.55	-21.47	17.13
2431.40	-18.68	19.92	2433.60	-21.42	17.18
2431.45	-18.94	19.66	2433.65	-21.27	17.33
2431.50	-18.76	19.84	2433.70	-21.32	17.28
2431.55	-18.96	19.64	2433.75	-21.53	17.07
2431.60	-19.14	19.46	2433.80	-21.56	17.04
2431.65	-19.06	19.54	2433.85	-21.94	16.66
2431.70	-19.64	18.96	2433.90	-21.31	17.29
2431.75	-19.63	18.97	2433.95	-22.08	16.52
2431.80	-19.62	18.98	2434.00	-22.51	16.09
2431.85	-19.68	18.92	2434.05	-22.01	16.59
2431.90	-20.05	18.55	2434.10	-22.03	16.57
2431.95	-19.68	18.92	2434.15	-21.94	16.66
2432.00	-19.65	18.95	2434.20	-21.99	16.61
2432.05	-19.68	18.92	2434.25	-21.96	16.64
2432.10	-19.68	18.92	2434.30	-21.92	16.68
2432.15	-19.65	18.95	2434.35	-22.17	16.43
2432.20	-19.14	19.46	2434.40	-22.43	16.17
2432.25	-19.66	18.94	2434.45	-22.39	16.21
2432.30	-19.12	19.48	2434.50	-22.44	16.16
2432.35	-19.12	19.48	2434.55	-22.41	16.19
2432.40	-19.40	19.20	2434.60	-22.38	16.22
2432.45	-19.20	19.40	2434.65	-22.28	16.32
2432.50	-19.66	18.94	2434.70	-22.23	16.37
2432.55	-19.66	18.94	2434.75	-21.98	16.62
2432.60	-19.63	18.97	2434.80	-23.05	15.55
2432.65	-19.61	18.99	2434.85	-23.09	15.51
2432.70	-19.58	19.02	2434.90	-23.14	15.46
2432.75	-20.08	18.52	2434.95	-23.24	15.36
2432.80	-20.54	18.06	2435.00	-23.27	15.33
2432.85	-20.66	17.94	2435.05	-23.23	15.37
2432.90	-20.62	17.98	2435.10	-23.67	14.93
2432.95	-20.62	17.98	2435.15	-23.35	15.25
2433.00	-20.59	18.01	2435.20	-23.53	15.07
2433.05	-20.08	18.52	2435.25	-23.41	15.19
2433.10	-21.21	17.39	2435.30	-23.28	15.32
2433.15	-21.19	17.41	2435.35	-23.36	15.24

WL2432 BPSK CH7 Processing Gain Test Data

Frequency	Jamming Powe	Processing Gain		Frequency	Jamming Powe	Processing Gai
2435.40	-23.51	15.09		2437.60	-24.11	14.49
2435.45	-23.48	15.12		2437.65	-24.16	14.44
2435.50	-23.34	15.26		2437.70	-24.18	14.42
2435.55	-23.30	15.30		2437.75	-23.71	14.89
2435.60	-23.48	15.12		2437.80	-24.65	13.95
2435.65	-24.18	14.42		2437.85	-24.06	14.54
2435.70	-24.06	14.54		2437.90	-24.37	14.23
2435.75	-24.28	14.32		2437.95	-24.02	14.58
2435.80	-24.34	14.26		2438.00	-24.41	14.19
2435.85	-24.32	14.28		2438.05	-24.32	14.28
2435.90	-24.98	13.62		2438.10	-24.67	13.93
2435.95	-24.26	14.34		2438.15	-24.77	13.83
2436.00	-24.16	14.44		2438.20	-24.84	13.76
2436.05	-24.28	14.32		2438.25	-24.18	14.42
2436.10	-24.49	14.11		2438.30	-24.98	13.62
2436.15	-24.25	14.35		2438.35	-25.57	13.03
2436.20	-25.53	13.07		2438.40	-25.25	13.35
2436.25	-25.41	13.19		2438.45	-24.91	13.69
2436.30	-25.38	13.22		2438.50	-24.13	14.47
2436.35	-25.37	13.23		2438.55	-24.67	13.93
2436.40	-26.31	12.29		2438.60	-25.13	13.47
2436.45	-26.36	12.24		2438.65	-24.23	14.37
2436.50	-27.65	10.95		2438.70	-24.21	14.39
2436.55	-25.54	13.06		2438.75	-25.09	13.51
2436.60	-26.28	12.32		2438.80	-24.92	13.68
2436.65	-26.43	12.17		2438.85	-24.61	13.99
2436.70	-26.42	12.18		2438.90	-24.56	14.04
2436.75	-26.33	12.27		2438.95	-24.89	13.71
2436.80	-26.26	12.34		2439.00	-24.05	14.55
2436.85	-25.45	13.15		2439.05	-25.49	13.11
2436.90	-25.17	13.43		2439.10	-24.52	14.08
2436.95	-25.40	13.20		2439.15	-24.78	13.82
2437.00	-24.28	14.32		2439.20	-25.23	13.37
2437.05	-23.96	14.64		2439.25	-24.92	13.68
2437.10	-23.78	14.82		2439.30	-24.85	13.75
2437.15	-23.97	14.63		2439.35	-24.42	14.18
2437.20	-23.89	14.71		2439.40	-24.99	13.61
2437.25	-24.05	14.55		2439.45	-24.56	14.04
2437.30	-23.94	14.66		2439.50	-25.88	12.72
2437.35	-23.63	14.97		2439.55	-25.12	13.48
2437.40	-24.12	14.48		2439.60	-26.45	12.15
2437.45	-24.06	14.54		2439.65	-26.27	12.33
2437.50	-24.18	14.42		2439.70	-26.73	11.87
2437.55	-24.44	14.16		2439.75	-26.27	12.33

WL2432 BPSK CH7 Processing Gain Test Data

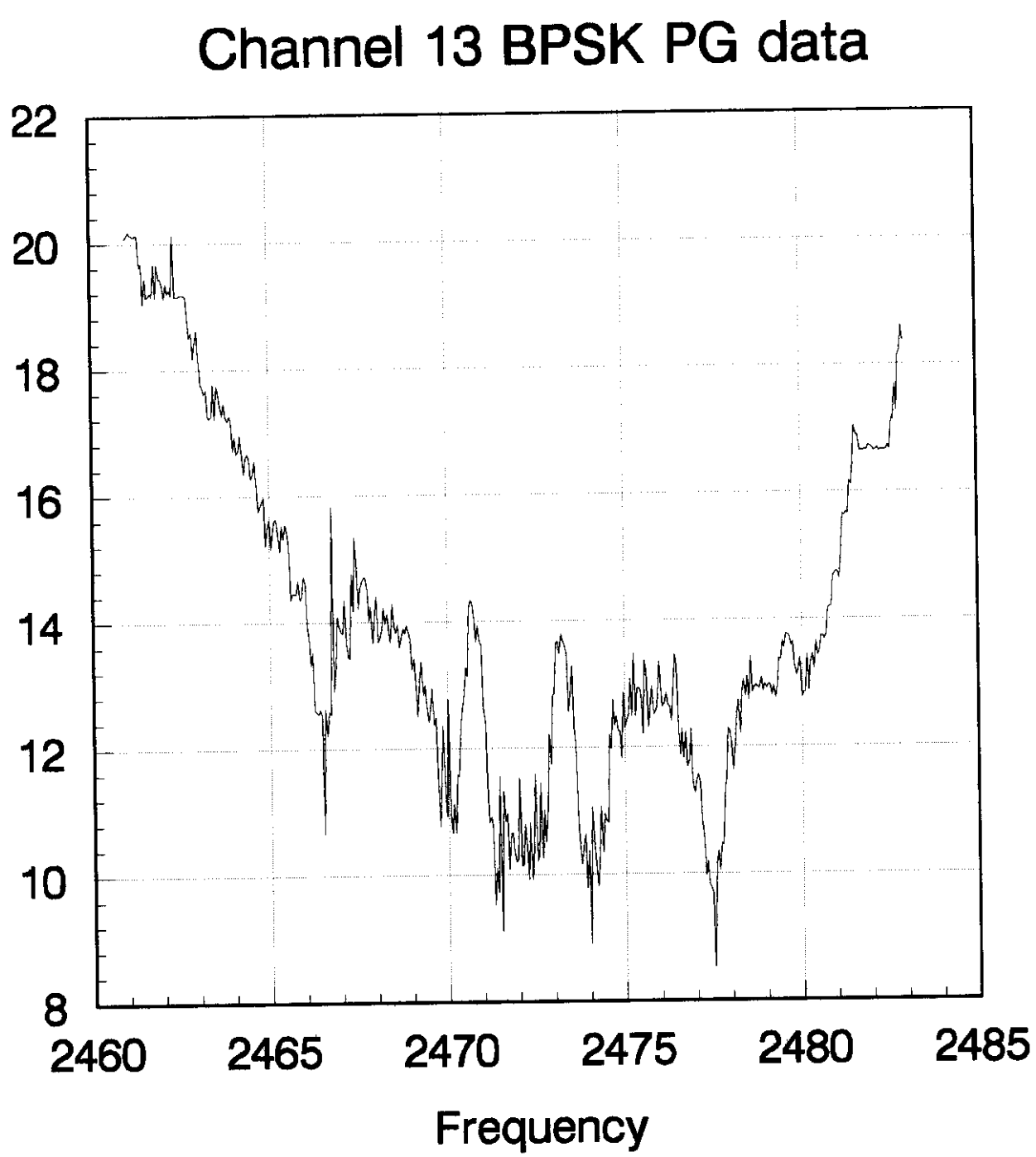
Frequency	Jamming Powe	Processing Gain		Frequency	Jamming Powe	Processing Gai
2439.80	-27.11	11.49		2442.00	-26.42	12.18
2439.85	-26.21	12.39		2442.05	-28.41	10.19
2439.90	-26.68	11.92		2442.10	-27.73	10.87
2439.95	-26.68	11.92		2442.15	-28.18	10.42
2440.00	-27.85	10.75		2442.20	-27.99	10.61
2440.05	-28.21	10.39		2442.25	-28.18	10.42
2440.10	-27.17	11.43		2442.30	-27.57	11.03
2440.15	-27.39	11.21		2442.35	-26.79	11.81
2440.20	-27.42	11.18		2442.40	-27.07	11.53
2440.25	-27.52	11.08		2442.45	-26.79	11.81
2440.30	-26.59	12.01		2442.50	-27.37	11.23
2440.35	-26.84	11.76		2442.55	-26.86	11.74
2440.40	-26.21	12.39		2442.60	-27.16	11.44
2440.45	-25.43	13.17		2442.65	-27.98	10.62
2440.50	-24.23	14.37		2442.70	-26.48	12.12
2440.55	-24.33	14.27		2442.75	-26.55	12.05
2440.60	-25.28	13.32		2442.80	-26.37	12.23
2440.65	-25.42	13.18		2442.85	-25.98	12.62
2440.70	-24.46	14.14		2442.90	-25.47	13.13
2440.75	-24.53	14.07		2442.95	-25.33	13.27
2440.80	-24.57	14.03		2443.00	-25.17	13.43
2440.85	-24.89	13.71		2443.05	-24.33	14.27
2440.90	-24.88	13.72		2443.10	-24.48	14.12
2440.95	-24.33	14.27		2443.15	-24.95	13.65
2441.00	-26.38	12.22		2443.20	-24.81	13.79
2441.05	-27.28	11.32		2443.25	-24.92	13.68
2441.10	-27.36	11.24		2443.30	-24.06	14.54
2441.15	-27.38	11.22		2443.35	-24.88	13.72
2441.20	-27.39	11.21		2443.40	-25.29	13.31
2441.25	-27.91	10.69		2443.45	-25.04	13.56
2441.30	-28.12	10.48		2443.50	-24.95	13.65
2441.35	-28.21	10.39		2443.55	-25.98	12.62
2441.40	-26.78	11.82		2443.60	-27.42	11.18
2441.45	-28.33	10.27		2443.65	-26.45	12.15
2441.50	-28.33	10.27		2443.70	-28.14	10.46
2441.55	-27.79	10.81		2443.75	-27.67	10.93
2441.60	-27.54	11.06		2443.80	-27.85	10.75
2441.65	-27.56	11.04		2443.85	-27.83	10.77
2441.70	-27.28	11.32		2443.90	-27.99	10.61
2441.75	-28.58	10.02		2443.95	-27.45	11.15
2441.80	-27.89	10.71		2444.00	-28.84	9.76
2441.85	-27.93	10.67		2444.05	-28.02	10.58
2441.90	-27.86	10.74		2444.10	-26.98	11.62
2441.95	-28.16	10.44		2444.15	-27.15	11.45

WL2432 BPSK CH7 Processing Gain Test Data

Frequency	Jamming Powe	Processing Gain		Frequency	Jamming Powe	Processing Gai
2444.20	-28.23	10.37		2446.40	-25.74	12.86
2444.25	-27.34	11.26		2446.45	-25.53	13.07
2444.30	-27.49	11.11		2446.50	-25.77	12.83
2444.35	-27.21	11.39		2446.55	-26.35	12.25
2444.40	-28.32	10.28		2446.60	-26.46	12.14
2444.45	-26.44	12.16		2446.65	-25.77	12.83
2444.50	-26.73	11.87		2446.70	-25.98	12.62
2444.55	-26.47	12.13		2446.75	-25.36	13.24
2444.60	-26.40	12.20		2446.80	-25.60	13.00
2444.65	-25.41	13.19		2446.85	-26.31	12.29
2444.70	-26.27	12.33		2446.90	-26.34	12.26
2444.75	-25.48	13.12		2446.95	-25.60	13.00
2444.80	-25.46	13.14		2447.00	-26.84	11.76
2444.85	-24.83	13.77		2447.05	-25.91	12.69
2444.90	-25.45	13.15		2447.10	-26.70	11.90
2444.95	-26.28	12.32		2447.15	-27.00	11.60
2445.00	-25.42	13.18		2447.20	-27.33	11.27
2445.05	-25.17	13.43		2447.25	-27.50	11.10
2445.10	-26.47	12.13		2447.30	-27.64	10.96
2445.15	-24.47	14.13		2447.35	-27.65	10.95
2445.20	-24.87	13.73		2447.40	-28.05	10.55
2445.25	-25.14	13.46		2447.45	-27.65	10.95
2445.30	-25.36	13.24		2447.50	-28.24	10.36
2445.35	-24.87	13.73		2447.55	-27.84	10.76
2445.40	-25.24	13.36		2447.60	-27.93	10.67
2445.45	-24.41	14.19		2447.65	-27.84	10.76
2445.50	-25.24	13.36		2447.70	-27.23	11.37
2445.55	-24.85	13.75		2447.75	-27.38	11.22
2445.60	-25.55	13.05		2447.80	-25.77	12.83
2445.65	-24.76	13.84		2447.85	-25.58	13.02
2445.70	-24.73	13.87		2447.90	-25.97	12.63
2445.75	-24.99	13.61		2447.95	-25.97	12.63
2445.80	-25.38	13.22		2448.00	-26.16	12.44
2445.85	-24.78	13.82		2448.05	-25.81	12.79
2445.90	-25.17	13.43		2448.10	-25.51	13.09
2445.95	-25.21	13.39		2448.15	-24.75	13.85
2446.00	-26.41	12.19		2448.20	-25.03	13.57
2446.05	-24.66	13.94		2448.25	-24.78	13.82
2446.10	-24.39	14.21		2448.30	-25.01	13.59
2446.15	-25.05	13.55		2448.35	-25.01	13.59
2446.20	-25.74	12.86		2448.40	-24.66	13.94
2446.25	-24.77	13.83		2448.45	-25.13	13.47
2446.30	-26.37	12.23		2448.50	-25.01	13.59
2446.35	-25.38	13.22		2448.55	-24.85	13.75

WL2432 BPSK CH7 Processing Gain Test Data

Frequency	Jamming Powe	Processing Gain		Frequency	Jamming Powe	Processing Gai
2448.60	-25.07	13.53		2450.80	-23.23	15.37
2448.65	-24.32	14.28		2450.85	-23.25	15.35
2448.70	-24.62	13.98		2450.90	-23.25	15.35
2448.75	-24.41	14.19		2450.95	-22.75	15.85
2448.80	-25.31	13.29		2451.00	-23.18	15.42
2448.85	-24.23	14.37		2451.05	-23.22	15.38
2448.90	-25.32	13.28		2451.10	-22.22	16.38
2448.95	-25.25	13.35		2451.15	-21.32	17.28
2449.00	-25.34	13.26		2451.20	-22.24	16.36
2449.05	-25.41	13.19		2451.25	-21.15	17.45
2449.10	-24.64	13.96		2451.30	-21.79	16.81
2449.15	-24.72	13.88		2451.35	-21.28	17.32
2449.20	-24.72	13.88		2451.40	-21.31	17.29
2449.25	-24.83	13.77		2451.45	-21.31	17.29
2449.30	-24.18	14.42		2451.50	-21.24	17.36
2449.35	-24.29	14.31		2451.55	-21.31	17.29
2449.40	-24.34	14.26		2451.60	-20.79	17.81
2449.45	-24.27	14.33		2451.65	-20.69	17.91
2449.50	-24.69	13.91		2451.70	-20.36	18.24
2449.55	-24.47	14.13		2451.75	-20.39	18.21
2449.60	-24.23	14.37		2451.80	-20.31	18.29
2449.65	-24.29	14.31		2451.85	-20.11	18.49
2449.70	-24.18	14.42		2451.90	-20.81	17.79
2449.75	-24.06	14.54		2451.95	-21.28	17.32
2449.80	-24.33	14.27		2452.00	-21.41	17.19
2449.85	-24.41	14.19		2452.05	-21.33	17.27
2449.90	-24.12	14.48		2452.10	-21.28	17.32
2449.95	-24.18	14.42		2452.15	-21.33	17.27
2450.00	-24.06	14.54		2452.20	-21.28	17.32
2450.05	-23.93	14.67		2452.25	-21.25	17.35
2450.10	-24.35	14.25		2452.30	-21.29	17.31
2450.15	-24.21	14.39		2452.35	-20.80	17.80
2450.20	-24.14	14.46		2452.40	-20.82	17.78
2450.25	-24.21	14.39		2452.45	-20.75	17.85
2450.30	-24.33	14.27		2452.50	-20.75	17.85
2450.35	-24.16	14.44		2452.55	-20.37	18.23
2450.40	-24.24	14.36		2452.60	-20.27	18.33
2450.45	-24.13	14.47		2452.65	-20.27	18.33
2450.50	-24.16	14.44		2452.70	-20.17	18.43
2450.55	-23.97	14.63		2452.75	-20.27	18.33
2450.60	-23.18	15.42		2452.80	-19.97	18.63
2450.65	-23.68	14.92		2452.85	-19.78	18.82
2450.70	-23.60	15.00		2452.90	-19.25	19.35
2450.75	-23.18	15.42		2452.95	-19.45	19.15


Channel 13 BPSK PG data
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Frequency

BPSK Channel13 Processing Gain data

Channel 13 Channel Power=-26.1dBm			@40 dB Attenuator and 3dB cable loss		
Frequency	Jamming Pow	Processing Gain	Frequency	Jamming Pow	Processing Gai
2461	-17.82	20.08	2463.05	-19.72	18.18
2461.05	-17.79	20.11	2463.1	-20.14	17.76
2461.1	-17.72	20.18	2463.15	-20.17	17.73
2461.15	-17.77	20.13	2463.2	-20.28	17.62
2461.2	-17.77	20.13	2463.25	-20.23	17.67
2461.25	-17.8	20.1	2463.3	-20.63	17.27
2461.3	-17.77	20.13	2463.35	-20.67	17.23
2461.35	-17.78	20.12	2463.4	-20.64	17.26
2461.4	-18.27	19.63	2463.45	-20.14	17.76
2461.45	-18.23	19.67	2463.5	-20.67	17.23
2461.5	-18.86	19.04	2463.55	-20.16	17.74
2461.55	-18.46	19.44	2463.6	-20.27	17.63
2461.6	-18.76	19.14	2463.65	-20.47	17.43
2461.65	-18.74	19.16	2463.7	-20.62	17.28
2461.7	-18.69	19.21	2463.75	-20.44	17.46
2461.75	-18.74	19.16	2463.8	-20.64	17.26
2461.8	-18.24	19.66	2463.85	-20.72	17.18
2461.85	-18.76	19.14	2463.9	-20.64	17.26
2461.9	-18.24	19.66	2463.95	-20.69	17.21
2461.95	-18.46	19.44	2464	-21.18	16.72
2462	-18.46	19.44	2464.05	-20.97	16.93
2462.05	-18.56	19.34	2464.1	-21.23	16.67
2462.1	-18.77	19.13	2464.15	-21.18	16.72
2462.15	-18.55	19.35	2464.2	-20.95	16.95
2462.2	-18.69	19.21	2464.25	-21.19	16.71
2462.25	-18.64	19.26	2464.3	-21.55	16.35
2462.3	-18.72	19.18	2464.35	-21.29	16.61
2462.35	-17.78	20.12	2464.4	-21.24	16.66
2462.4	-18.75	19.15	2464.45	-21.33	16.57
2462.45	-18.75	19.15	2464.5	-21.62	16.28
2462.5	-18.75	19.15	2464.55	-21.55	16.35
2462.55	-18.72	19.18	2464.6	-21.34	16.56
2462.6	-18.72	19.18	2464.65	-21.67	16.23
2462.65	-18.72	19.18	2464.7	-22.14	15.76
2462.7	-18.75	19.15	2464.75	-22.07	15.83
2462.75	-19.06	18.84	2464.8	-22	15.9
2462.8	-19.39	18.51	2464.85	-21.93	15.97
2462.85	-19.32	18.58	2464.9	-22.68	15.22
2462.9	-19.72	18.18	2464.95	-22.42	15.48
2462.95	-19.49	18.41	2465	-22.28	15.62
2463	-19.29	18.61	2465.05	-22.74	15.16

BPSK Channel13 Processing Gain data

Frequency	Jamming Pow	Processing Gain	Frequency	Jamming Pow	Processing Gai
2465.1	-22.46	15.44	2467.25	-24.47	13.43
2465.15	-22.28	15.62	2467.3	-23.14	14.76
2465.2	-22.28	15.62	2467.35	-23.73	14.17
2465.25	-22.49	15.41	2467.4	-22.56	15.34
2465.3	-22.77	15.13	2467.45	-23.09	14.81
2465.35	-22.37	15.53	2467.5	-23.68	14.22
2465.4	-22.58	15.32	2467.55	-23.37	14.53
2465.45	-22.35	15.55	2467.6	-23.26	14.64
2465.5	-22.47	15.43	2467.65	-23.2	14.7
2465.55	-22.68	15.22	2467.7	-23.2	14.7
2465.6	-23.54	14.36	2467.75	-23.4	14.5
2465.65	-23.45	14.45	2467.8	-23.88	14.02
2465.7	-23.45	14.45	2467.85	-23.67	14.23
2465.75	-23.46	14.44	2467.9	-24.23	13.67
2465.8	-23.25	14.65	2467.95	-23.83	14.07
2465.85	-23.55	14.35	2468	-23.49	14.41
2465.9	-23.48	14.42	2468.05	-24.21	13.69
2465.95	-23.18	14.72	2468.1	-24.18	13.72
2466	-23.29	14.61	2468.15	-24.02	13.88
2466.05	-23.94	13.96	2468.2	-23.68	14.22
2466.1	-24.13	13.77	2468.25	-23.93	13.97
2466.15	-24.58	13.32	2468.3	-23.78	14.12
2466.2	-24.38	13.52	2468.35	-24.08	13.82
2466.25	-25.28	12.62	2468.4	-24.22	13.68
2466.3	-25.32	12.58	2468.45	-23.62	14.28
2466.35	-25.35	12.55	2468.5	-23.96	13.94
2466.4	-25.28	12.62	2468.55	-24.08	13.82
2466.45	-25.37	12.53	2468.6	-23.94	13.96
2466.5	-27.23	10.67	2468.65	-24.3	13.6
2466.55	-25.27	12.63	2468.7	-24.17	13.73
2466.6	-25.69	12.21	2468.75	-24.01	13.89
2466.65	-25.32	12.58	2468.8	-24.09	13.81
2466.7	-25.35	12.55	2468.85	-23.96	13.94
2466.75	-22.08	15.82	2468.9	-24.08	13.82
2466.8	-24.98	12.92	2468.95	-24.17	13.73
2466.85	-24.58	13.32	2469	-24.65	13.25
2466.9	-23.82	14.08	2469.05	-24.49	13.41
2466.95	-23.96	13.94	2469.1	-24.88	13.02
2467	-24.06	13.84	2469.15	-25.39	12.51
2467.05	-24.08	13.82	2469.2	-24.84	13.06
2467.1	-23.56	14.34	2469.25	-24.53	13.37
2467.15	-24.23	13.67	2469.3	-25.05	12.85
2467.2	-24.45	13.45	2469.35	-24.91	12.99

BPSK Channel13 Processing Gain data

Frequency	Jamming Pow	Processing Gain	Frequency	Jamming Pow	Processing Gai
2469.4	-25.23	12.67	2471.55	-26.59	11.31
2469.45	-25.48	12.42	2471.6	-27.06	10.84
2469.5	-25.27	12.63	2471.65	-26.94	10.96
2469.55	-24.96	12.94	2471.7	-27.81	10.09
2469.6	-25.52	12.38	2471.75	-27.25	10.65
2469.65	-25.42	12.48	2471.8	-27.25	10.65
2469.7	-26.27	11.63	2471.85	-27.55	10.35
2469.75	-27.12	10.78	2471.9	-27.7	10.2
2469.8	-26.38	11.52	2471.95	-27.65	10.25
2469.85	-25.55	12.35	2472	-26.38	11.52
2469.9	-26.57	11.33	2472.05	-27.76	10.14
2469.95	-26.96	10.94	2472.1	-27.74	10.16
2470	-25.12	12.78	2472.15	-27.11	10.79
2470.05	-26.93	10.97	2472.2	-27.47	10.43
2470.1	-27.23	10.67	2472.25	-27.97	9.93
2470.15	-26.78	11.12	2472.3	-27.08	10.82
2470.2	-27.23	10.67	2472.35	-27.98	9.92
2470.25	-26.31	11.59	2472.4	-27.49	10.41
2470.3	-26.34	11.56	2472.45	-26.32	11.58
2470.35	-25.59	12.31	2472.5	-27.68	10.22
2470.4	-25.28	12.62	2472.55	-27.57	10.33
2470.45	-25.14	12.76	2472.6	-26.46	11.44
2470.5	-24.64	13.26	2472.65	-27.64	10.26
2470.55	-24.77	13.13	2472.7	-26.88	11.02
2470.6	-23.68	14.22	2472.75	-27.38	10.52
2470.65	-23.58	14.32	2472.8	-26.84	11.06
2470.7	-23.61	14.29	2472.85	-25.69	12.21
2470.75	-23.88	14.02	2472.9	-26.16	11.74
2470.8	-24.23	13.67	2472.95	-25.08	12.82
2470.85	-23.97	13.93	2473	-25.06	12.84
2470.9	-24.24	13.66	2473.05	-24.25	13.65
2470.95	-24.27	13.63	2473.1	-24.23	13.67
2471	-25.26	12.64	2473.15	-24.42	13.48
2471.05	-25.49	12.41	2473.2	-24.11	13.79
2471.1	-26.45	11.45	2473.25	-24.23	13.67
2471.15	-27.07	10.83	2473.3	-24.28	13.62
2471.2	-26.99	10.91	2473.35	-24.42	13.48
2471.25	-27.19	10.71	2473.4	-25.33	12.57
2471.3	-28.37	9.53	2473.45	-25.07	12.83
2471.35	-27.79	10.11	2473.5	-24.62	13.28
2471.4	-28.18	9.72	2473.55	-25.58	12.32
2471.45	-26.35	11.55	2473.6	-25.83	12.07
2471.5	-28.79	9.11	2473.65	-27.06	10.84

BPSK Channel13 Processing Gain data

Frequency	Jamming Pow	Processing Gain	Frequency	Jamming Pow	Processing Gai
2473.7	-27.46	10.44	2475.85	-25.34	12.56
2473.75	-27.74	10.16	2475.9	-25.25	12.65
2473.8	-27.41	10.49	2475.95	-24.56	13.34
2473.85	-27.27	10.63	2476	-24.97	12.93
2473.9	-28.12	9.78	2476.05	-25.27	12.63
2473.95	-27.53	10.37	2476.1	-25.22	12.68
2474	-29	8.9	2476.15	-25.06	12.84
2474.05	-26.85	11.05	2476.2	-25.23	12.67
2474.1	-27.43	10.47	2476.25	-25.28	12.62
2474.15	-27.73	10.17	2476.3	-25.49	12.41
2474.2	-28.09	9.81	2476.35	-25.05	12.85
2474.25	-27.56	10.34	2476.4	-24.45	13.45
2474.3	-26.83	11.07	2476.45	-24.62	13.28
2474.35	-27.55	10.35	2476.5	-25.65	12.25
2474.4	-26.95	10.95	2476.55	-26.03	11.87
2474.45	-27.06	10.84	2476.6	-25.63	12.27
2474.5	-27.09	10.81	2476.65	-26.08	11.82
2474.55	-25.7	12.2	2476.7	-25.68	12.22
2474.6	-25.93	11.97	2476.75	-26.22	11.68
2474.65	-25.16	12.74	2476.8	-26.12	11.78
2474.7	-25.56	12.34	2476.85	-25.63	12.27
2474.75	-25.42	12.48	2476.9	-26.47	11.43
2474.8	-25.65	12.25	2476.95	-26.63	11.27
2474.85	-25.65	12.25	2477	-26.44	11.46
2474.9	-26.07	11.83	2477.05	-26.34	11.56
2474.95	-25.04	12.86	2477.1	-26.48	11.42
2475	-25.58	12.32	2477.15	-27.07	10.83
2475.05	-25.48	12.42	2477.2	-27.26	10.64
2475.1	-25.38	12.52	2477.25	-27.93	9.97
2475.15	-24.83	13.07	2477.3	-27.72	10.18
2475.2	-25.41	12.49	2477.35	-28.07	9.83
2475.25	-24.43	13.47	2477.4	-28.14	9.76
2475.3	-25.41	12.49	2477.45	-28.23	9.67
2475.35	-24.99	12.91	2477.5	-29.37	8.53
2475.4	-24.97	12.93	2477.55	-27.76	10.14
2475.45	-25.06	12.84	2477.6	-27.55	10.35
2475.5	-25.69	12.21	2477.65	-27.85	10.05
2475.55	-24.55	13.35	2477.7	-27.43	10.47
2475.6	-24.69	13.21	2477.75	-27.45	10.45
2475.65	-25.59	12.31	2477.8	-26.54	11.36
2475.7	-25.31	12.59	2477.85	-26.42	11.48
2475.75	-24.95	12.95	2477.9	-25.62	12.28
2475.8	-25.38	12.52	2477.95	-25.67	12.23

BPSK Channel13 Processing Gain data

Frequency	Jamming Pow	Processing Gain	Frequency	Jamming Pow	Processing Gai
2478	-25.88	12.02	2480.15	-24.46	13.44
2478.05	-26.27	11.63	2480.2	-25.02	12.88
2478.1	-25.88	12.02	2480.25	-24.58	13.32
2478.15	-25.39	12.51	2480.3	-24.46	13.44
2478.2	-25.18	12.72	2480.35	-24.68	13.22
2478.25	-25.69	12.21	2480.4	-24.26	13.64
2478.3	-25.06	12.84	2480.45	-24.47	13.43
2478.35	-24.86	13.04	2480.5	-24.42	13.48
2478.4	-25.11	12.79	2480.55	-24.17	13.73
2478.45	-24.81	13.09	2480.6	-24.17	13.73
2478.5	-25.17	12.73	2480.65	-24.22	13.68
2478.55	-24.49	13.41	2480.7	-24.14	13.76
2478.6	-25.05	12.85	2480.75	-23.74	14.16
2478.65	-24.98	12.92	2480.8	-23.71	14.19
2478.7	-24.94	12.96	2480.85	-23.71	14.19
2478.75	-24.97	12.93	2480.9	-23.24	14.66
2478.8	-25	12.9	2480.95	-23.2	14.7
2478.85	-24.82	13.08	2481	-23.15	14.75
2478.9	-25.04	12.86	2481.05	-23.17	14.73
2478.95	-24.92	12.98	2481.1	-23.27	14.63
2479	-24.99	12.91	2481.15	-22.72	15.18
2479.05	-24.93	12.97	2481.2	-22.25	15.65
2479.1	-24.94	12.96	2481.25	-22.28	15.62
2479.15	-25.1	12.8	2481.3	-22.23	15.67
2479.2	-24.96	12.94	2481.35	-22.25	15.65
2479.25	-25.14	12.76	2481.4	-21.74	16.16
2479.3	-24.96	12.94	2481.45	-21.79	16.11
2479.35	-24.52	13.38	2481.5	-21.44	16.46
2479.4	-24.54	13.36	2481.55	-20.87	17.03
2479.45	-24.25	13.65	2481.6	-21.02	16.88
2479.5	-24.35	13.55	2481.65	-21.02	16.88
2479.55	-24.14	13.76	2481.7	-21.27	16.63
2479.6	-24.15	13.75	2481.75	-21.25	16.65
2479.65	-24.16	13.74	2481.8	-21.27	16.63
2479.7	-24.32	13.58	2481.85	-21.24	16.66
2479.75	-24.26	13.64	2481.9	-21.26	16.64
2479.8	-24.63	13.27	2481.95	-21.18	16.72
2479.85	-24.79	13.11	2482	-21.19	16.71
2479.9	-24.68	13.22	2482.05	-21.22	16.68
2479.95	-24.51	13.39	2482.1	-21.27	16.63
2480	-25.13	12.77	2482.15	-21.25	16.65
2480.05	-25.06	12.84	2482.2	-21.22	16.68
2480.1	-25.06	12.84	2482.25	-21.27	16.63

BPSK Channel13 Processing Gain data

Frequency	Jamming Pow	Processing Gain				
2482.3	-21.25	16.65				
2482.35	-21.25	16.65				
2482.4	-21.26	16.64				
2482.45	-21.24	16.66				
2482.5	-21.18	16.72				
2482.55	-21.24	16.66				
2482.6	-20.76	17.14				
2482.65	-20.78	17.12				
2482.7	-20.23	17.67				
2482.75	-20.63	17.27				
2482.8	-19.78	18.12				
2482.85	-19.68	18.22				
2482.9	-19.3	18.6				