

Exhibit C.....Measurement Report

FCC Part 15 EMI TEST REPORT of

E.U.T. : PCMCIA Wireless LAN Card

MODEL : A2422-2A/A2422-3A

FCC ID. : NY8A2422

for

APPLICANT : EMTAC TECHNOLOGY CORP.

ADDRESS : 1F, NO. 60, LANE 91, TONG-MEI ROAD,
HSINCHU, TAIWAN, R.O.C.

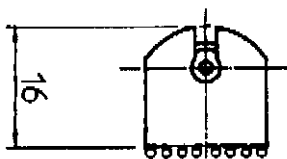
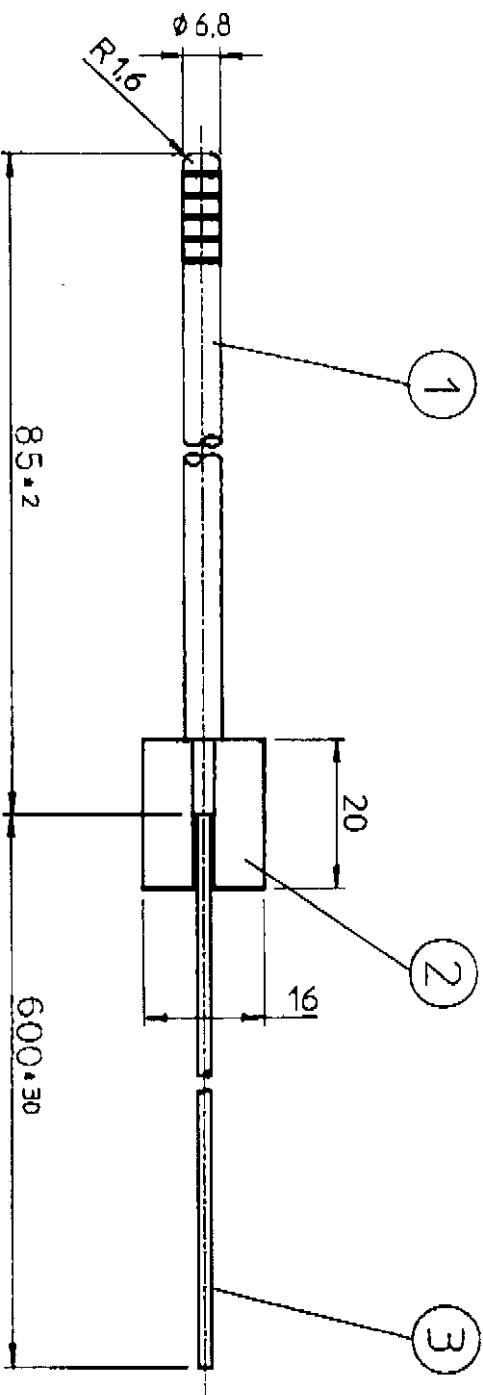
Test Performed by

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

Tel:(03)3280026-32

Fax:(03)3280034

Report Number : ET87R-04-030



DRW	#	COMPED	#	CHECK	98.4.22	RECD	98.4.22	DATE	98.4.22	DIAGRAM NUMBER	N004-BO	DIAGRAM NAME	Ant. Ass'y	MODEL NO	TPS-24CA-NH	NAME	凱宣科技	NO.	4
△										STAYSAIL	RG-178	1	—			FIXED TAPE			4
△										SCALE	—	1	—			COAXIAL CABLE			3
△										UNIT	mm	1	POM			ANTENNA BASE			2
△										TOLERANCE	± 0.2	1	PU			COVER			1
SIGN	DATE	REVISION										DRW	CHECK	DATE	NO.	NAME			

SPECIFICATION

MODEL

TYPS-24CA-NH

ELECTRICAL FEATURES

1. Frequency	2400~2483.5 MHZ
--------------	-----------------

2. Input Impedance	50Ω(nominal)
--------------------	--------------

3. V.S.W.R.	MAX 2.0 (WITHOUT the Coaxial Cable)
-------------	-------------------------------------

4. Gain	0 dBd TYPE (WITHOUT the Coaxial Cable)
---------	--

5. Power Rating	1W
-----------------	----

6. Radiation Pattern	OMNI DIRECTIONAL
----------------------	------------------

7. Insulation Resistance	—
--------------------------	---

8. Bearable Voltage	—
---------------------	---

MECHANICAL FEATURES

1. Pulling Strength	COVER (Plastic tube) pull out from the Coaxial Cable
---------------------	--

	minimum 3 Kgf.
--	----------------

--	--

--	--

--	--

--	--

--	--

--	--

--	--

--	--

ENVIRONMENTAL	-20 °C ~ +60 °C
---------------	-----------------

--	--

--	--

SIGN	DATE	REVISION	DRAWN BY	CHECKED BY	APPROVAL
------	------	----------	----------	------------	----------

DRAWING NUMBER	TYPE OF ANT.	DATE ISSUED	WRITTEN BY	CHECKED BY	APPROVED BY
----------------	--------------	-------------	------------	------------	-------------

STY-9802-2311

Huang

8.7.8

8.7.8

YOKOWO. MFG. CO., (TAIWAN) LTD.

TEST REPORT CERTIFICATION

Applicant : EMTAC TECHNOLOGY CORP
1F, NO. 60, LANE 91, TONG-MEI ROAD, HSINCHU, TAIWAN,
R.O.C.

Manufacturer : EMTAC TECHNOLOGY CORP
1F, NO. 60, LANE 91, TONG-MEI ROAD, HSINCHU, TAIWAN,
R.O.C.

Description of EUT :

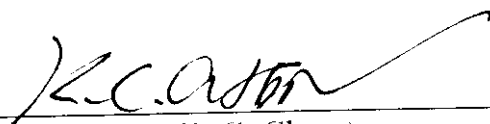
- a) Type of EUT : PCMCIA Wireless LAN Card
- b) Trade Name : N/A
- c) Model No : A2422-2A/A2422-3A
- d) Power Supply : From Note Book

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 except in full, without the written approval of ETC.

Issued Date : Jul. 18, 1998

Test Engineer : 
(K. C. Chen)

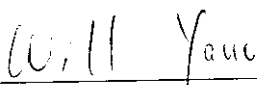
Approve & Authorized Signer : 
Will Yauo, Supervisor
EMI Test Site of ELECTRONICS
TESTING CENTER, TAIWAN

Table of Contents	Page
1 GENERAL INFORMATION.....	1
1.1 Product Description	1
1.2 Characteristics of Device.....	1
1.3 Test Methodology.....	1
1.4 Test Facility	1
2 PROVISIONS APPLICABLE.....	2
2.1 Definition.....	2
2.2 Requirement for Compliance	3
2.3 Restricted Bands of Operation.....	5
2.4 Labeling Requirement	5
2.5 User Information.....	6
3. SYSTEM TEST CONFIGURATION	7
3.1 Justification	7
3.2 Devices for Tested System	7
4 RADIATED EMISSION MEASUREMENT.....	9
4.1 Applicable Standard	9
4.2 Measurement Procedure	9
4.3 Measuring Instrument	11
4.4 Radiated Emission Data	12
4.4.1 RF Portion	12
4.4.2 Digital Portion	15
4.3 Field Strength Calculation	15
4.5 Photos of Radiation Measuring Setup.....	16
5 CONDUCTED EMISSION MEASUREMENT.....	17
5.1 Standard Applicable	17
5.2 Measurement Procedure.....	17
5.3 Conducted Emission Data	18
5.4 Result Data Calculation.....	19
5.5 Conducted Measurement Equipment	19
5.6 Photos of Conduction Measuring Setup.....	20
6 ANTENNA REQUIREMENT	21
6.1 Standard Applicable	21

6.2	Antenna Construction.....	21
7	EMISSION BANDWIDTH MEASUREMENT.....	22
7.1	Standard Applicable.....	22
7.2	Measurement Procedure.....	22
7.3	Measurement Equipment.....	22
7.4	Measurement Data.....	23
8	OUTPUT POWER MEASUREMENT	24
8.1	Standard Applicable.....	24
8.2	Measurement Procedure.....	24
8.3	Measurement Equipment.....	24
8.4	Measurement Data.....	25
9	100 kHz BANDWIDTH OF BAND EDGES MEASUREMENT.....	26
9.1	Standard Applicable.....	26
9.2	Measurement Procedure.....	26
9.3	Measurement Equipment.....	26
9.4	Measurement Data.....	27
10	POWER DENSITY MEASUREMENT	28
10.1	Standard Applicable.....	28
10.2	Measurement Procedure.....	28
10.3	Measurement Equipment.....	28
10.4	Measurement Data.....	29
11	PROCESSING GAIN MEASUREMENT.....	30
11.1	Standard Applicable.....	30
11.2	Measurement Description.....	30
11.3	Measurement Instrument.....	33
11.4	Measurement Data.....	33
APPENDIX 1	: PLOTTED DATAS OF POWER LINE CONDUCTED EMISSIONS	34
APPENDIX 2	: ENGINEERING GRAPH OF ANTENNA CONSTRUCTION	35
APPENDIX 3	: PLOTTED DATAS OF EMISSIONS BANDWIDTH	36
APPENDIX 4	: PLOTTED DATAS OF OUTPUT PEAK POWER.....	37
APPENDIX 5	: PLOTTED DATAS OF BAND EDGE EMISSION.....	38

APPENDIX 6 : PLOTE DATUS OF POWER DENSITY	39
APPENDIX 7 : PROCESSING GAIN TESTED DATA SHEETS	40

1 GENERAL INFORMATION

1.1 Product Description

- a) Type of EUT : PCMCIA Wireless LAN Card
- b) Trade Name : N/A
- c) Model No : A2422-2A/A2422-3A
- d) Power Supply : From Note Book

1.2 Characteristics of Device

The PCMCIA Wireless LAN Card 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 2Mbps. The channel /frequency list is as following :

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437		

The antenna of this PCMCIA Wireless LAN Card has two incorporated type, one is included a cable (Model: A2422-2A) of 0.6m to be connected to the card and the other (Model: A2422-3A) is directly connected to the card.

1.3 Test Methodology

For PCMCIA Wireless LAN Card, 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, 5 Lin, Din Fu Tsun, Lin Kou, Taipei, Taiwan, 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 or 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 $\mu V/m$	Radiated $\mu V/m$
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 11 by transmitting mode.

The antenna of this PCMCIA Wireless LAN Card has two incorporated type, one is included a cable (Model: A2422-2A) to be connected to the card and the other (Model: A2422-3A) is directly connected to the card. 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
PCMCIA Wireless LAN Card *	EMTAC TECHNOLOGY CORP.	A2422-2A/A2422-3A NY8A2422	0.6 m Antenna Cables (for A2422-2A)
Note Book including external FDD	IBM	ThinkPad 560X DOC	1.8m AC Cord 0.3m Shilded 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	Team Technology	1200AT EF56A5 1200AT	Shielded cable 1.5m Adapter cord 1.9m

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

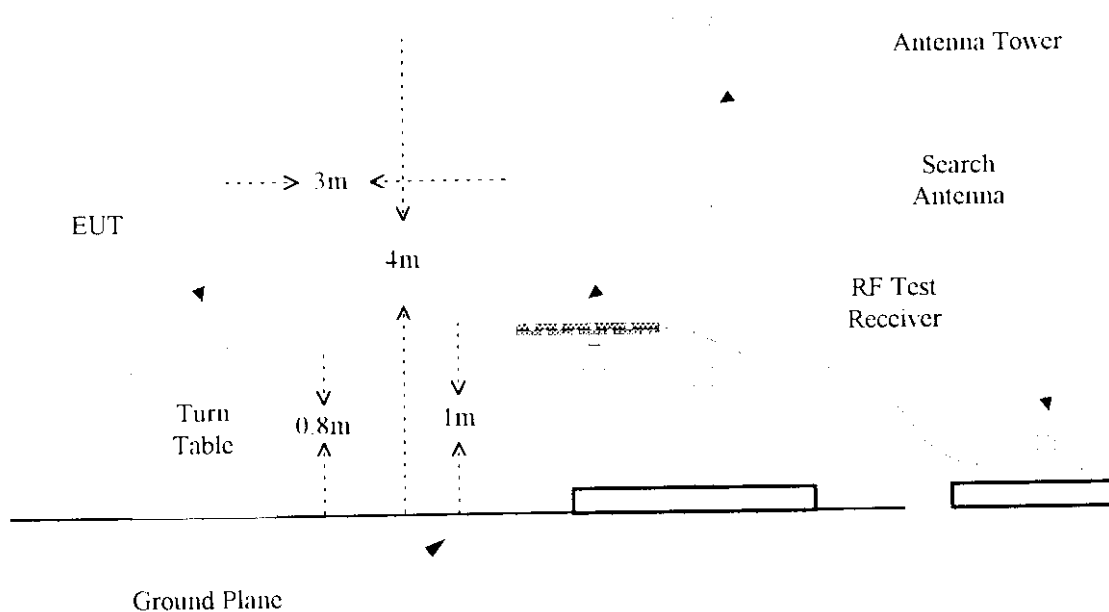
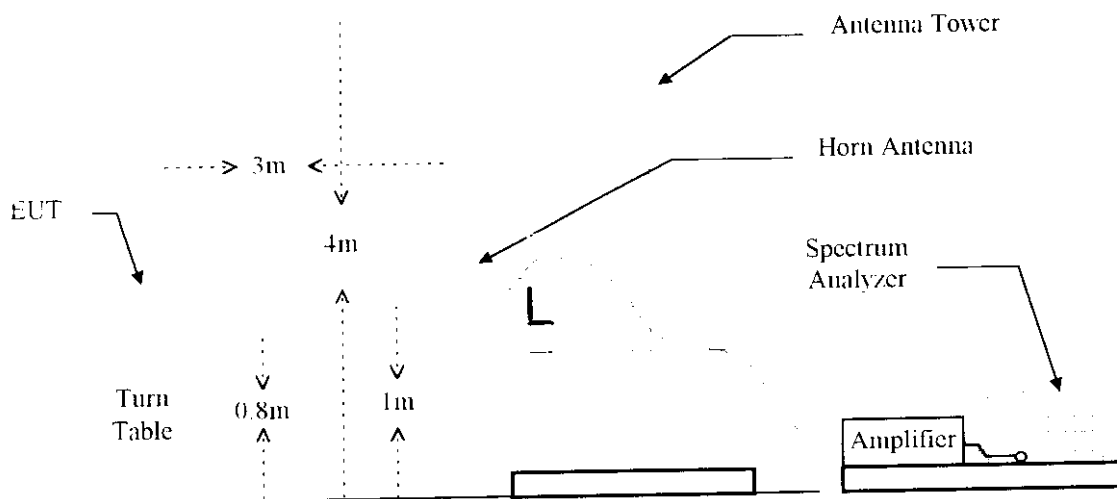


Figure 2 : Frequencies measured above 1 GHz configuration



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	Oct. 16, 1998
Pre-selector	Hewlett-Packard	85685A	Oct. 16, 1998
Quasi Peak Detector	Hewlett-Packard	85650A	Oct. 07, 1998
Spectrum Analyzer	Adventest	R3271	Sep. 02, 1998
RF Test Receiver	Rohde & Schwarz	ESVS 30	Dec. 19, 1998
Horn Antenna	EMCO	3115	Apr. 22, 1999
Horn Antenna	EMCO	3116	May 07, 1999
Log periodic Antenna	EMCO	3146	Dec. 10, 1999
Biconical Antenna	EMCO	3110	Jan. 13, 1999
Preamplifier	Hewlett-Packard	8449B	Jun. 17, 1999
Preamplifier	Hewlett-Packard	8447D	Oct. 16, 1998

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 : Tx 2412 MHz, Rx 2132 MHz

Test Date : Jun. 18, 1998

Temperature : 25 °C

Humidity : 68%

Frequency (MHz)	Reading Peak (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)	Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (m)
	H	V			Peak	Ave.			
*2132.026	47.2	48.8	-4.1	44.7	74.0	54.0	-9.3	45	1.25
*4264.027	43.3	43.6	2.0	45.6	74.0	54.0	-8.4	315	1.25
*6396.028	42.8	41.8	4.5	47.3	74.0	54.0	-6.7	90	1.40
*8528.029	---	---	6.8	---	74.0	54.0	---	---	---
*10660.030	---	---	8.1	---	74.0	54.0	---	---	---
*12792.031	---	---	9.9	---	74.0	54.0	---	---	---
4823.957	45.6	46.3	2.6	48.9	74.0	54.0	-5.1	250	1.40
7235.957	44.5	45.0	5.8	50.8	74.0	54.0	-3.2	360	1.40
9647.957	---	---	7.3	---	74.0	54.0	---	---	---
12059.957	---	---	9.2	---	74.0	54.0	---	---	---
14471.957	---	---	11.6	---	74.0	54.0	---	---	---
16883.957	---	---	12.1	---	74.0	54.0	---	---	---
19295.957	---	---	8.8	---	74.0	54.0	---	---	---
21707.957	---	---	9.8	---	74.0	54.0	---	---	---
24119.957	---	---	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 6

Operation Mode : Receiving / Transmitting

Fundamental Frequency : Tx 2437 MHz, Rx 2157 MHz

Test Date : Jun. 15, 1998

Temperature : 25 °C

Humidity : 68%

Frequency (MHz)	Reading Peak (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)	Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (m)
	H	V			Peak	Ave.			
*2157.043	47.5	49.5	-4.0	45.5	74.0	54.0	-8.5	45	1.25
*4314.036	44.6	45.6	2.0	47.6	74.0	54.0	-6.4	315	1.25
*6471.145	41.8	42.1	4.5	46.6	74.0	54.0	-7.4	90	1.40
*8628.129	---	---	6.9	---	74.0	54.0	---	---	---
*10785.129	---	---	8.2	---	74.0	54.0	---	---	---
*12942.129	---	---	10.2	---	74.0	54.0	---	---	---
4873.972	50.2	48.3	2.7	52.9	74.0	54.0	-1.1	250	1.40
7309.995	42.9	43.6	5.9	49.5	74.0	54.0	-4.5	360	1.40
9746.018	---	---	7.3	---	74.0	54.0	---	---	---
12182.041	---	---	9.3	---	74.0	54.0	---	---	---
14618.064	---	---	11.6	---	74.0	54.0	---	---	---
17054.087	---	---	13.1	---	74.0	54.0	---	---	---
19490.110	---	---	8.5	---	74.0	54.0	---	---	---
21926.133	---	---	9.9	---	74.0	54.0	---	---	---
24362.156	---	---	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 11

Operation Mode : Receiving / Transmitting

Fundamental Frequency : Tx 2462 MHz, Rx 2182 MHz

Test Date : Jun. 18, 1998

Temperature : 25 °C

Humidity : 68%

Frequency (MHz)	Reading Peak (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)	Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (m)
	H	V			Peak	Ave.			
*2182.033	46.2	48.7	-3.9	44.8	74.0	54.0	-9.2	45	1.25
*4364.050	45.4	45.2	2.0	47.4	74.0	54.0	-6.6	315	1.25
*6546.057	41.3	40.9	4.6	45.9	74.0	54.0	-8.1	90	1.40
*8728.029	---	---	6.9	---	74.0	54.0	---	---	---
*10910.001	---	---	8.4	---	74.0	54.0	---	---	---
*13091.973	---	---	10.4	---	74.0	54.0	---	---	---
4923.988	50.3	48.2	2.8	53.1	74.0	54.0	-0.9	250	1.40
7386.867	44.1	43.8	6.0	50.1	74.0	54.0	-3.9	360	1.40
9849.746	---	---	7.3	---	74.0	54.0	---	---	---
12312.625	---	---	9.3	---	74.0	54.0	---	---	---
14775.504	---	---	11.5	---	74.0	54.0	---	---	---
17238.383	---	---	14.4	---	74.0	54.0	---	---	---
19701.262	---	---	8.5	---	74.0	54.0	---	---	---
22164.141	---	---	10.0	---	74.0	54.0	---	---	---
24627.020	---	---	10.9	---	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

Operation Mode : Transmitting / Receiving

Digital Clock : 22 and 40 MHz

PC CPU Clock : 66.6 MHz

Test Date : Jun. 18, 1998

Temperature : 29 °C

Humidity : 69%

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)
48.200	H	48.5	-13.7	34.8	40.0	-5.2	180	1.90
72.279	H	44.7	-16.2	28.5	40.0	-11.5	200	1.75
110.029	H	49.3	-11.7	37.6	43.5	-5.9	250	1.50
118.903	H	51.9	-10.9	41.0	43.5	-2.5	360	3.00
168.080	V	45.9	-9.1	36.8	43.5	-6.7	360	1.00
198.200	H	46.1	-7.3	38.8	43.5	-4.7	230	1.50
240.021	H	48.1	-4.5	43.6	46.0	-2.4	90	1.28
280.036	H	45.1	-2.7	42.4	46.0	-3.6	133	1.00
320.007	H	50.4	-6.8	43.6	46.0	-2.4	86	1.00
360.033	V	48.9	-8.7	40.2	46.0	-5.8	190	1.40
399.970	H	50.5	-6.4	44.1	46.0	-1.9	56	1.00
436.810	V	49.2	-5.5	43.7	46.0	-2.3	168	1.13

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 25 dB.

4.3 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:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$

where

$$\text{Corrected Factor} = \text{Antenna FACTOR} + \text{Cable Loss} + \text{High Pass Filter Loss} - \text{Amplifier Gain}$$

5 CONDUCTED EMISSION MEASUREMENT

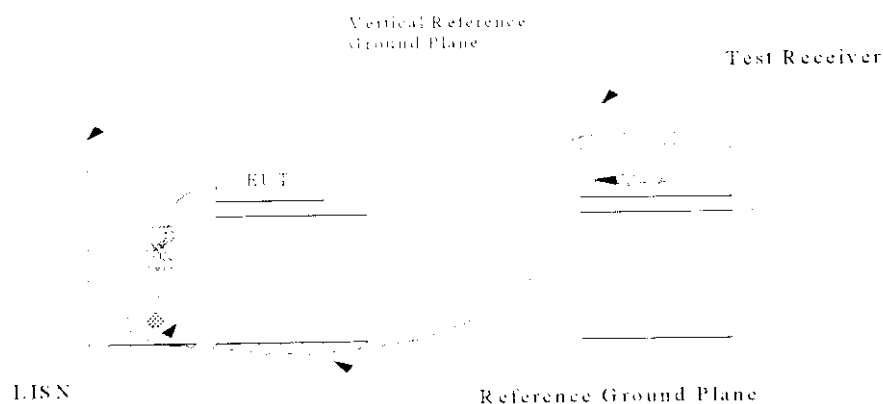
5.1 Standard Applicable

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 / ReceivingTest Date : Jun. 20, 1998Temperature : 25 °CHumidity: 68%

Frequency (MHz)	Reading (dBuV)		Factor (dB)	Result (dBuV)		Limit (dBuV)	Margin (dB)
	Va	Vb		Va	Vb		
0.6570	21.5	21.7	0.2	21.7	21.9	48.0	-26.1
0.9622	19.0	19.3	0.3	19.3	19.6	48.0	-28.4
2.5002	34.0	34.8	0.3	34.3	35.1	48.0	-12.9
7.8183	32.5	33.2	0.4	32.9	33.6	48.0	-14.4
12.5453	33.2	34.2	0.7	33.9	34.9	48.0	-13.1
22.6740	31.9	32.9	1.0	32.9	33.9	48.0	-14.1

b) Channel 6

Operation Mode : Transmitting / ReceivingTest Date : Jun. 20, 1998Temperature : 26 °CHumidity: 68%

Frequency (MHz)	Reading (dBuV)		Factor (dB)	Result (dBuV)		Limit (dBuV)	Margin (dB)
	Va	Vb		Va	Vb		
0.6570	22.3	21.7	0.2	22.5	22.0	48.0	-25.5
0.9622	19.3	18.6	0.3	19.6	18.9	48.0	-28.4
2.5002	33.6	34.3	0.3	33.9	34.6	48.0	-13.4
7.8183	31.6	33.0	0.4	32.0	33.4	48.0	-14.6
12.5453	33.3	33.9	0.7	34.0	34.5	48.0	-13.5
22.6740	32.8	32.0	1.0	33.8	32.9	48.0	-14.2

c) Channel 11

Operation Mode : Transmitting / ReceivingTest Date : Jun. 20, 1998Temperature : 26 °CHumidity: 68%

Frequency (MHz)	Reading (dBuV)		Factor (dB)	Result (dBuV)		Limit (dBuV)	Margin (dB)
	Va	Vb		Va	Vb		
0.6570	21.9	22.2	0.2	22.1	22.5	48.0	-25.5
0.9622	19.8	18.4	0.3	20.1	18.6	48.0	-27.9
2.5002	33.3	33.8	0.3	33.6	34.1	48.0	-13.9
7.8183	33.2	32.8	0.4	33.6	33.3	48.0	-14.4
12.5453	32.3	33.4	0.7	33.0	34.1	48.0	-13.9
22.6740	32.6	33.7	1.0	33.5	34.7	48.0	-13.3

Note : Please see appendix 1 for Plotted 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:

$$\text{RESULT} = \text{READING} + \text{LISN FACTOR}$$

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.

$$\text{RESULT} = 22.5 + 0.1 = 22.6 \text{ dB } \mu \text{ V}$$

$$\begin{aligned} \text{Level in } \mu \text{ V} &= \text{Common Antilogarithm}[(22.6 \text{ dB } \mu \text{ V})/20] \\ &= 13.48 \mu \text{ V} \end{aligned}$$

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	Jan. 04, 1999
Spectrum Monitor	Rohde and Schwarz	EZM	N.C.R.
Line Impedance Stabilization network	Kyoritsu	KNW-407	Dec. 01, 1998
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

The antenna is permanently mounted on RF box, no consideration of replacement.

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

7 EMISSION BANDWIDTH MEASUREMENT

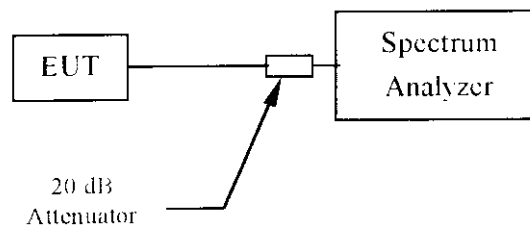
7.1 Standard Applicable

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 4 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
Spectrum Analyzer	Adventest	R3271	Sep. 02, 1998
Plotter	Hewlett-Packard	7440A	N/A

7.4 Measurement Data

Test Date : Jun. 23, 1998 Temperature : 25 °C Humidity: 68%

- a) Channel 01 : 6 dB Emission Bandwidth is 9.74 MHz
- b) Channel 06 : 6 dB Emission Bandwidth is 9.17 MHz
- c) Channel 11 : 6 dB Emission Bandwidth is 9.74 MHz

Note: Please see Appendix 3 for plotted 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 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 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.

8.3 Measurement Equipment

Equipment	Manufacturer	Model No.	Next Cal. Due
Spectrum Analyzer	Adventest	R3271	Sep. 02, 1998
Attenuator	Weinschel Engineering	1	N/A

8.4 Measurement Data

Test Date : Jun. 23, 1998 Temperature : 25 °C Humidity: 68%

- a) Channel 01 : Output Peak Power is 19.47 dBm or **88.51** mW
- b) Channel 06 : Output Peak Power is 21.34 dBm or **136.14** mW
- c) Channel 11 : Output Peak Power is 21.59 dBm or **144.21** mW

Note: Please see Appendix 4 for plotted 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 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 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
Spectrum Analyzer	Adventest	R3271	Sep. 02, 1998
Attenuator	Weinschel Engineering	1	N/A
Plotter	Hewlett-Packard	7440A	N/A

9.4 Measurement Data

Test Date : Jun. 23, 1998 Temperature : 25 °C Humidity: 68%

- a) Lower Band Edge : maximum value is -27.50 dBm that is attenuated more than 20 dB
- b) Upper Band Edge : maximum value is -47.25 dBm that is attenuated more than 20 dB

Note: Please see Appendix 5 for plotted 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 100 kHz video bandwidth as well as max. hold function. Also turn on SA level corrected function by 11 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
Spectrum Analyzer	Adventest	R3271	Sep. 02, 1998
Attenuator	Weinschel Engineering	1	N/A
Plotter	Hewlett-Packard	7440A	N/A

10.4 Measurement Data

Test Date : Jun. 23, 1998 Temperature : 25 °C Humidity: 68%

- a) Channel 01 : Power Density of 3 kHz Bandwidth is -10.63 mW
- b) Channel 06 : Power Density of 3 kHz Bandwidth is -9.19 mW
- c) Channel 11 : Power Density of 3 kHz Bandwidth is -8.66 mW

Note: Please see Appendix 6 for plotted 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 SEQUENCE 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 6: centered at 2437 MHz

Channel 11: centered at 2462 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.

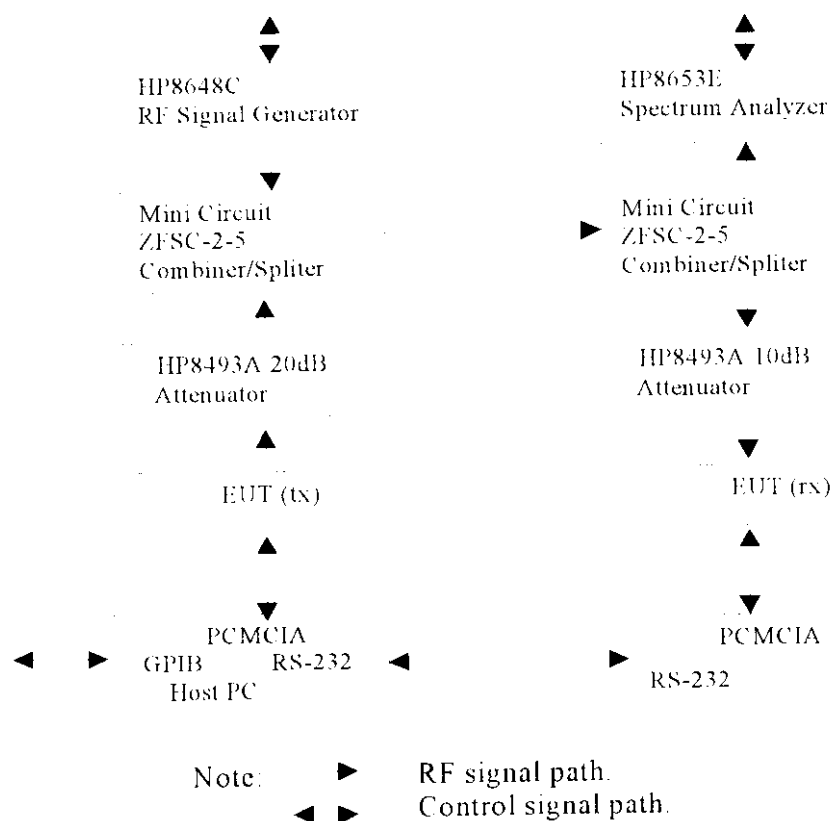
(1) Measurement Configuration

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

(2) Programming:

- (a) The test firmware loaded into EUT(tx) transmits a fix length of pre-generated random data packet(*), after accepts a TX command from Host PC.
- (b) The test firmware loaded into EUT(rx) will receive a fix length data packet without CRC checking, then compare to the pre-generated random data packet(*) which stored in flashROM and calculate/accumulate the error bits.
- (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 to EUT(rx) via RS-232 port and Remote PC. If a successful packet had been received, the good RX packet counter will be increased. When a fix number of good RX packets had been reach, the accumulated error bits will be read from EUT(rx) via RS-232 and Remote PC. And the J/S ratio will be re-measured at the same time.
- (f) The test program in Host PC increases/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:

The test configuration and procedure are according to the FCC document 54797, page2-3.

The pass band of each channel is 22MHz.

The received data bit length is fix to 6.29x10E6 by testing program executed in Host PC.

And, the chosen bit error rate (BER) to be sustained is 1x10E-5.

The power value of Signal and Jammer, listed in the test results, are read and recorded, automatically by the program, directly from the 'channel power measurement function' of HP8563E spectrum analyzer with one of them(Signal OR Jammer) is turned off.

(4) Derivation of the Processing Gain:

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

$$G_p = (S/N)_o + M_j + L_{sys} \dots (4-1) \dots \text{Refs to FCC document 54797 Page3.}$$

Where $M_j = J/S$ ratio (dB)

L_{sys} = System losses (assumed to be 2dB)

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

Since the EUT use coherent DBPSK/DQPSK demodulation,

A $(S/N)_o = 9.8\text{dB}$ is required to sustain a BER of 1×10^{-5} .

This is showing at the curve of Fig.7.2, Viterbi, A.J. Principles of Coherent Communications, Page192 (New York; McGraw-Hill, 1966),

Recommended by FCC document 54797.

Therefor, from equation (4-1)

$$G_p = 9.8 + J/S + 2 \text{ (dB)} = 11.8 + J/S \text{ (dB)} \dots (4-2)$$

11.3 Measurement Instrument

Equipment	Manufacturer	Model No.	Next Cal. Due
Spectrum Analyzer	Hewlett-Packard	HP8563E	Nov. 02, 1998
RF Signal Generator	Hewlett-Packard	HP8648C	Sep. 30, 1998
Attenuator	Hewlett-Packard	HP8493A 20dB	N/A
Attenuator	Hewlett-Packard	HP8493A 10dB	N/A
Combiner / Splitter	Mini Circuit	ZFSC-2-5	N/A

11.4 Measurement Data

Test Date : Jul. 05, 1998

Temperature : 25 °C

Humidity: 65%

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

CH01 : the processing gain is 10.35 dB

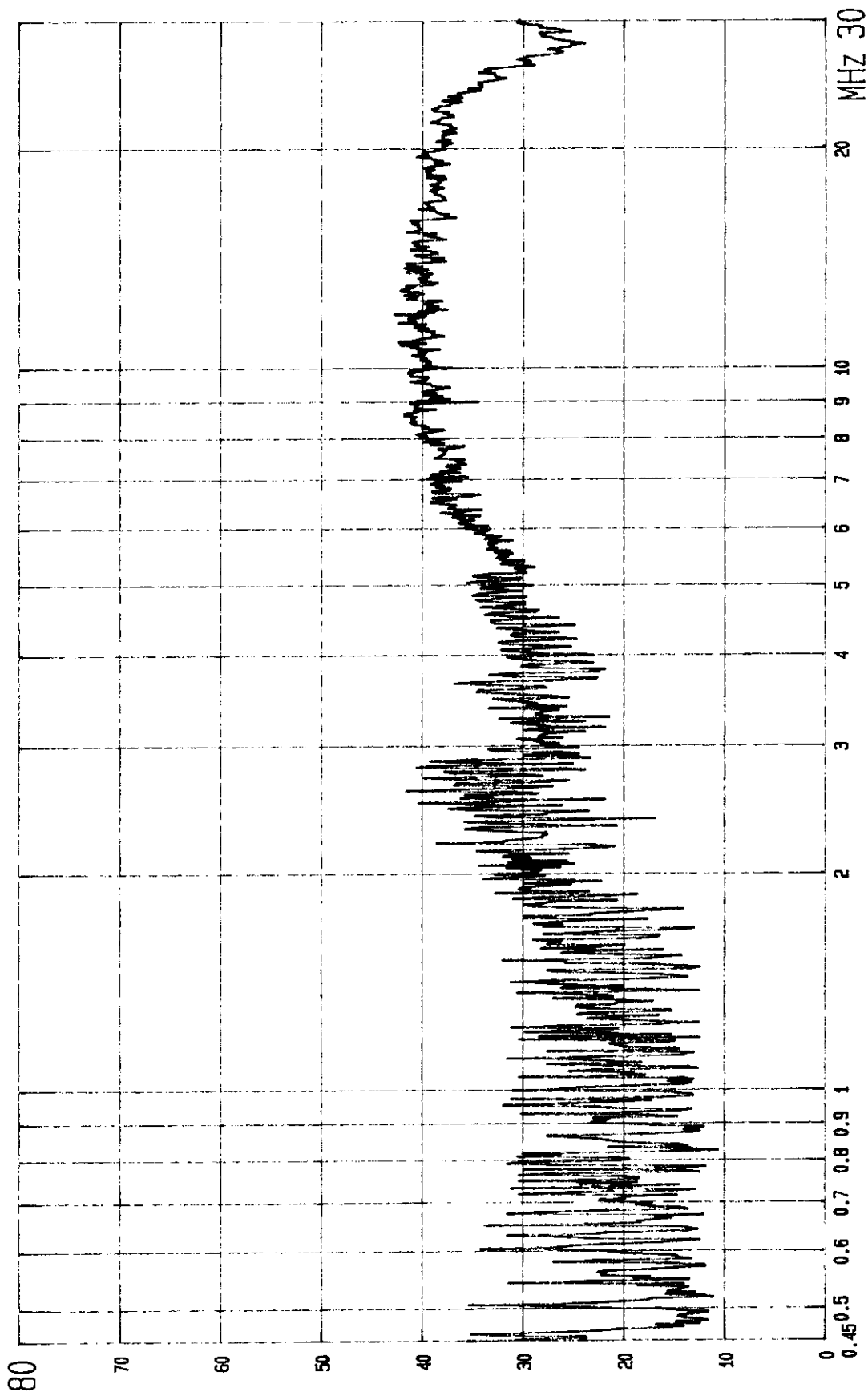
CH06 : the processing gain is 10.02 dB

CH11 : the processing gain is 10.44 dB

Appendix 1 : Ploted Datas of Power Line Conducted Emissions

Total of 6 pages

dBuV



FCC CONDUCTED TEST

EUT: wireless LAN card

8:QP: CLASS B LIMIT

MODEL:

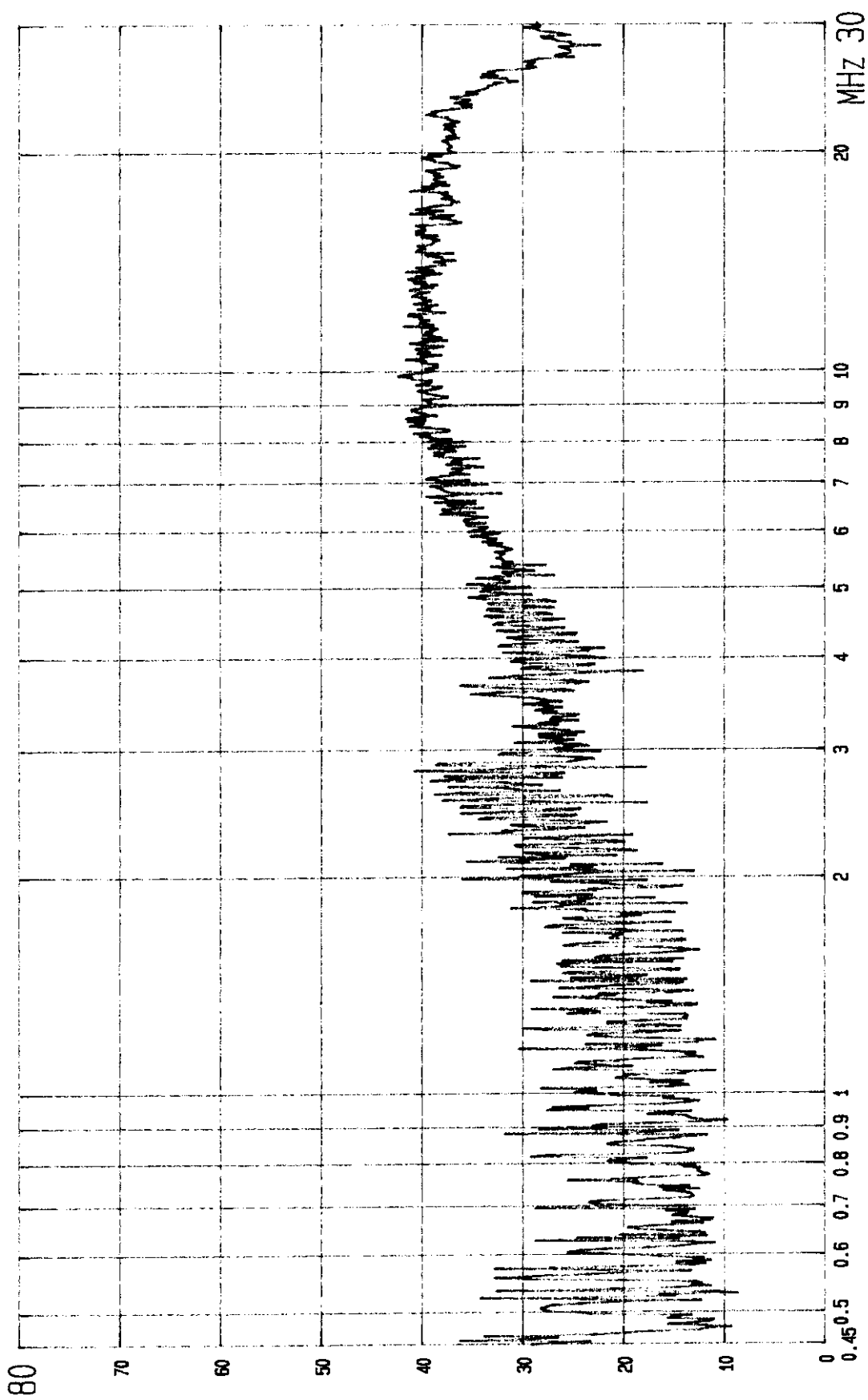
MODE: CH01

POWER: 110V/60Hz

LISN: Va

ETC EMI LAB.

dBuV



FCC CONDUCTED TEST

EUT: wireless LAN card

8:QP. CLASS B LIMIT

MODEL:

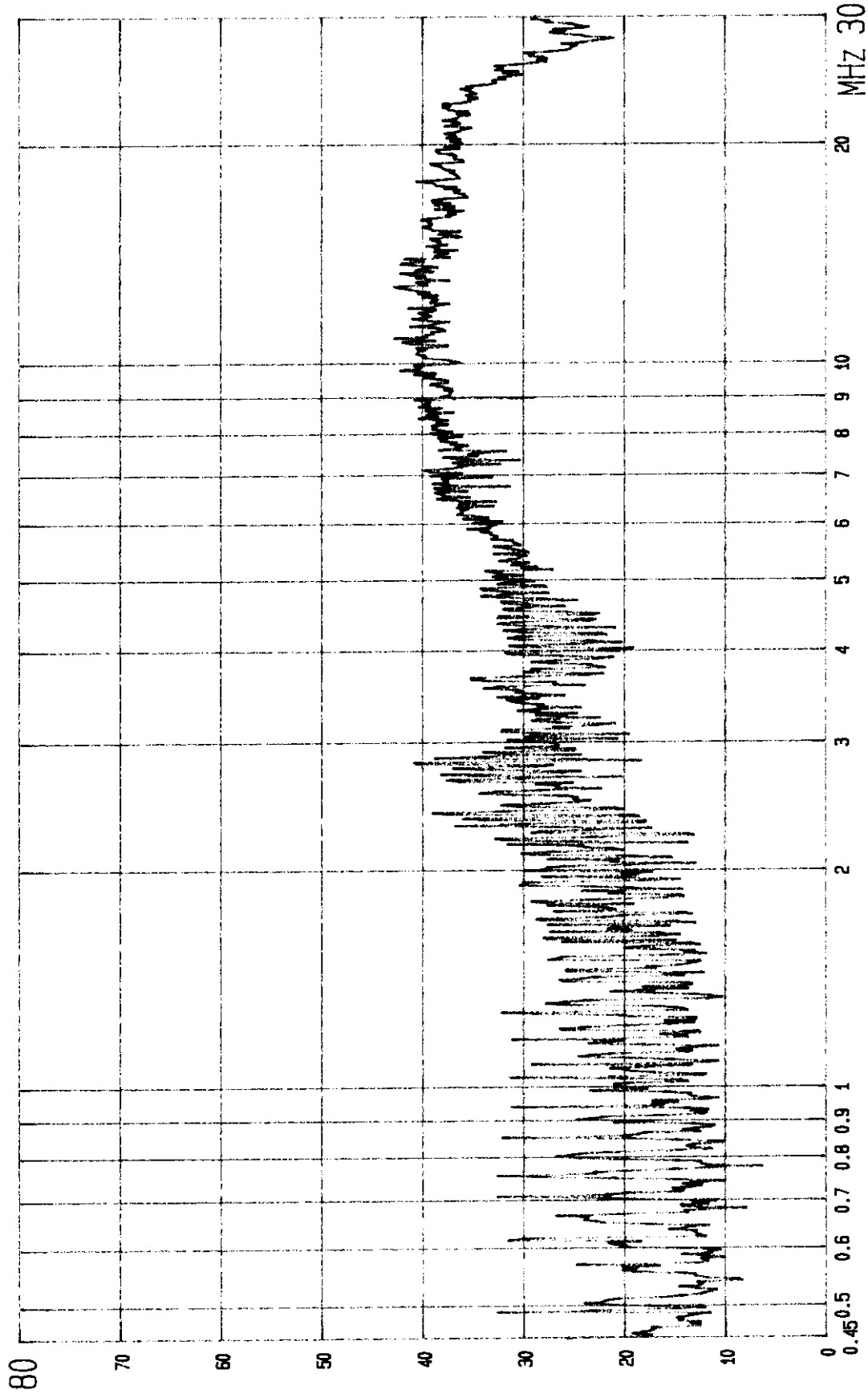
MODE: CH01

POWER: 110V/60Hz

LISN: Vb

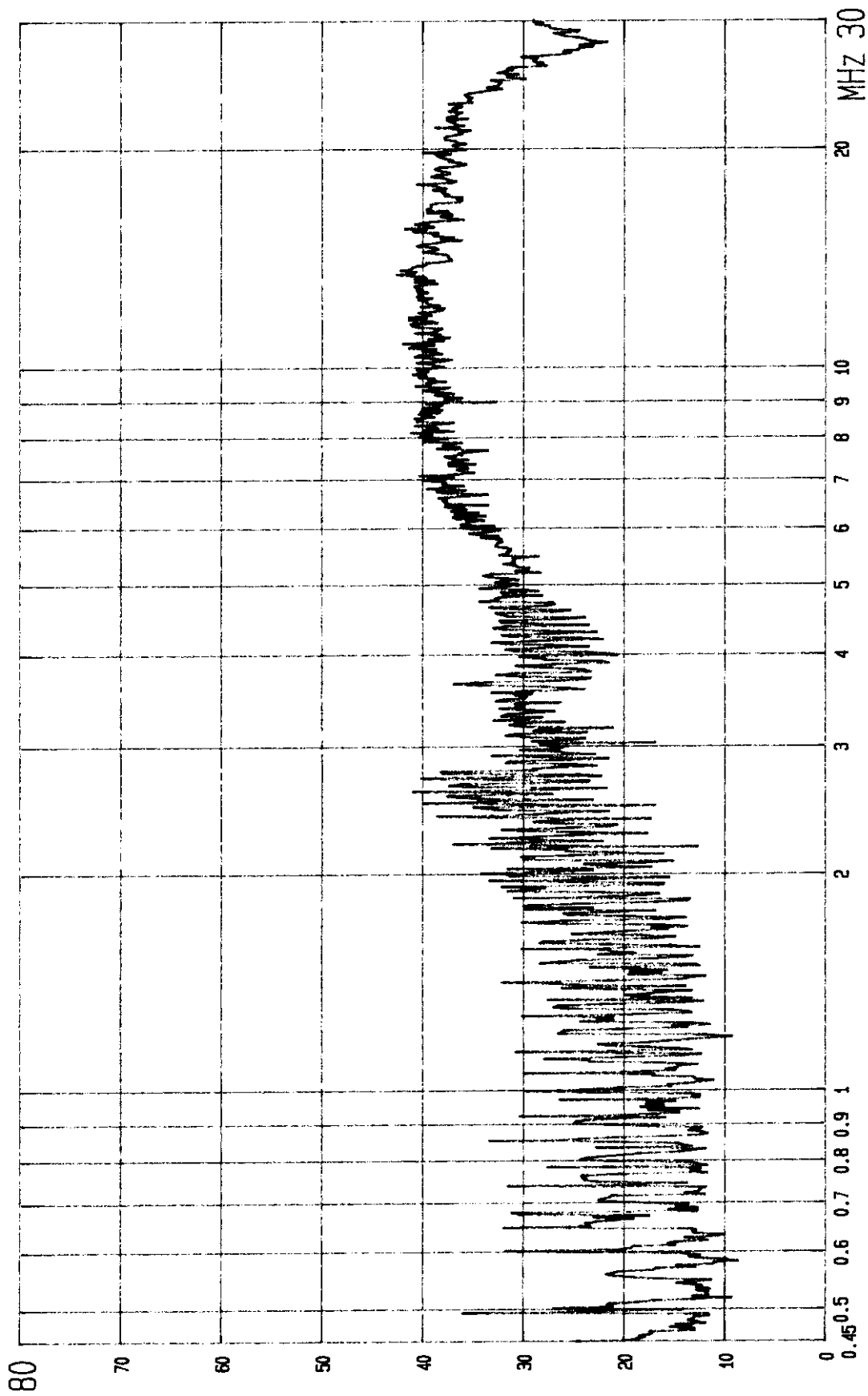
ETC EMI LAB.

dBuV



FCC CONDUCTED TEST EUT: wireless LAN card 8:QP: CLASS B LIMIT
MODEL: MODE: CH06 POWER: 110V/60Hz LISN: Va ETC EMI LAB.

dBuV



FCC CONDUCTED TEST

EUT: wireless LAN card

8:QP: CLASS B LIMIT

MODEL:

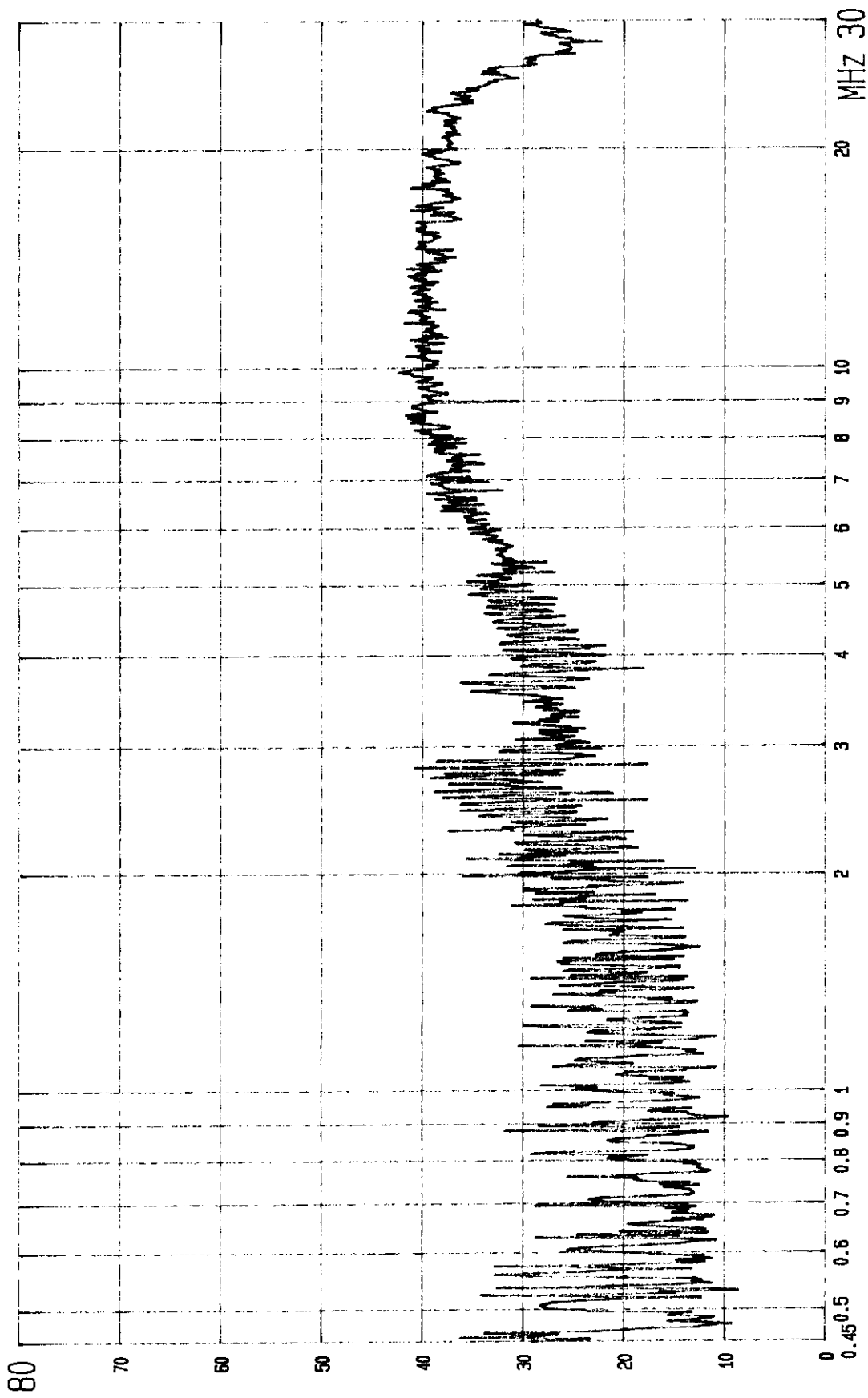
MODE: CH06

POWER: 110V/60Hz

LISN: Vb

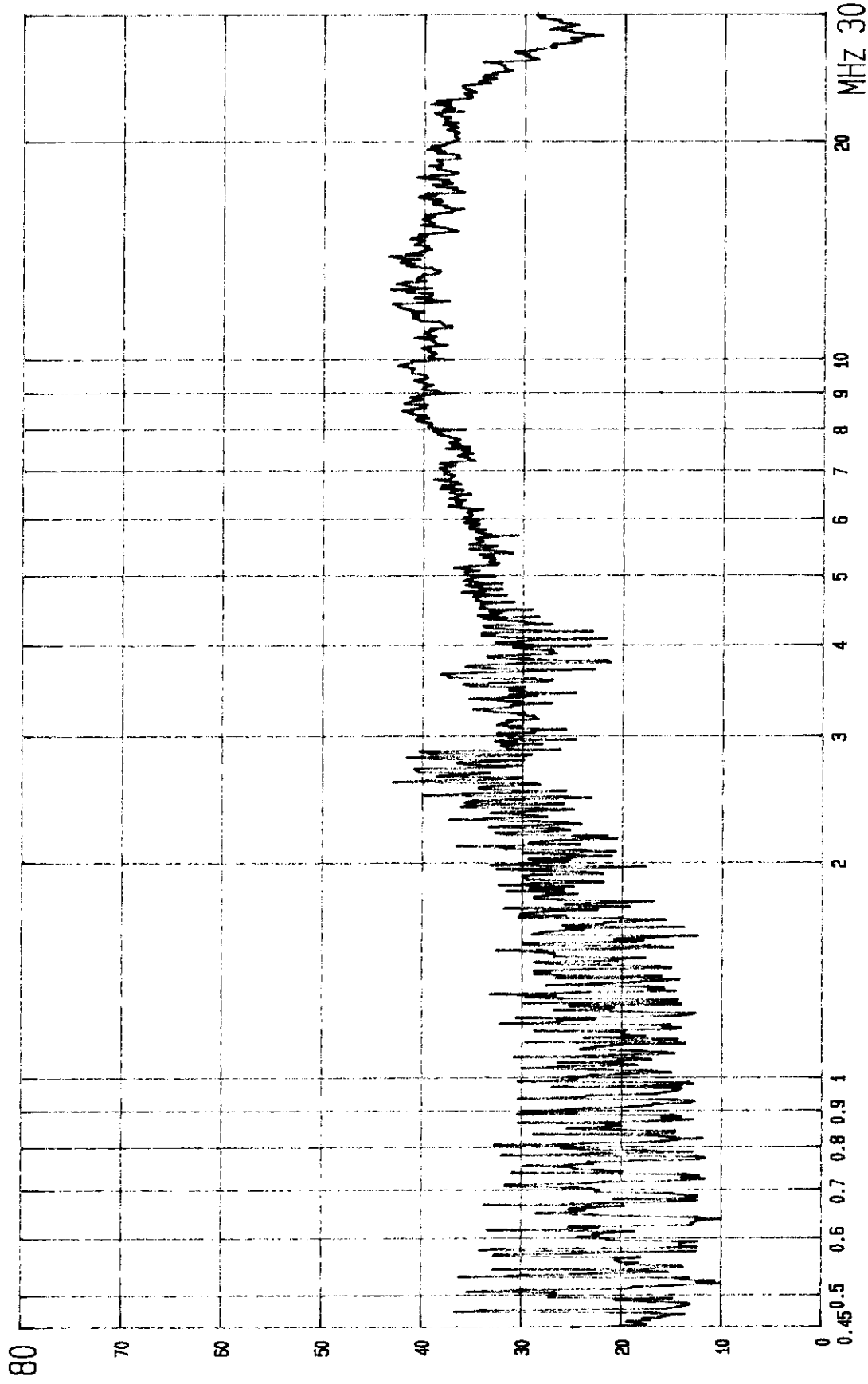
ETC EMI LAB.

dBuV



FCC CONDUCTED TEST EUT: wireless LAN card 8: QP. CLASS B LIMIT
MODEL: MODE: CH11 POWER: 110V/60Hz LISN: Va ETC EMI LAB.

dBuV



FCC CONDUCTED TEST EUT: wireless LAN card 8:QP: CLASS B LIMIT
MODEL: CH11 POWER: 110V/60Hz LISN: Vb ETC EMI LAB.

Appendix 2 : Engineering Graph of Antenna Construction

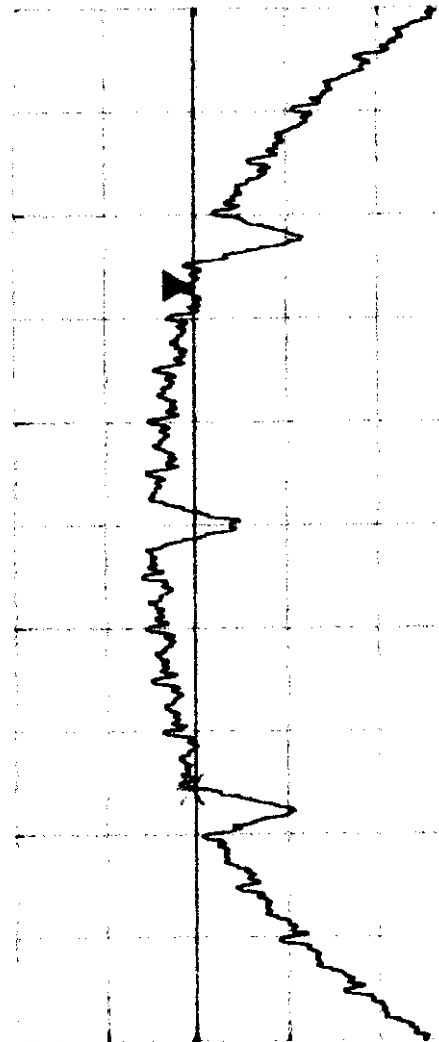
Appendix 3 : Ploted Datas of Emissions Bandwidth

Total of 3 pages

REF 20.0 dBm

ATT 20 dB

A_view B_blank



A MARKER
9.74 MHz

REF 0 dB

40.5 dB

0.03 dBm

RBW

100 KHz

VBW

300 KHz

SWP

2.0 s

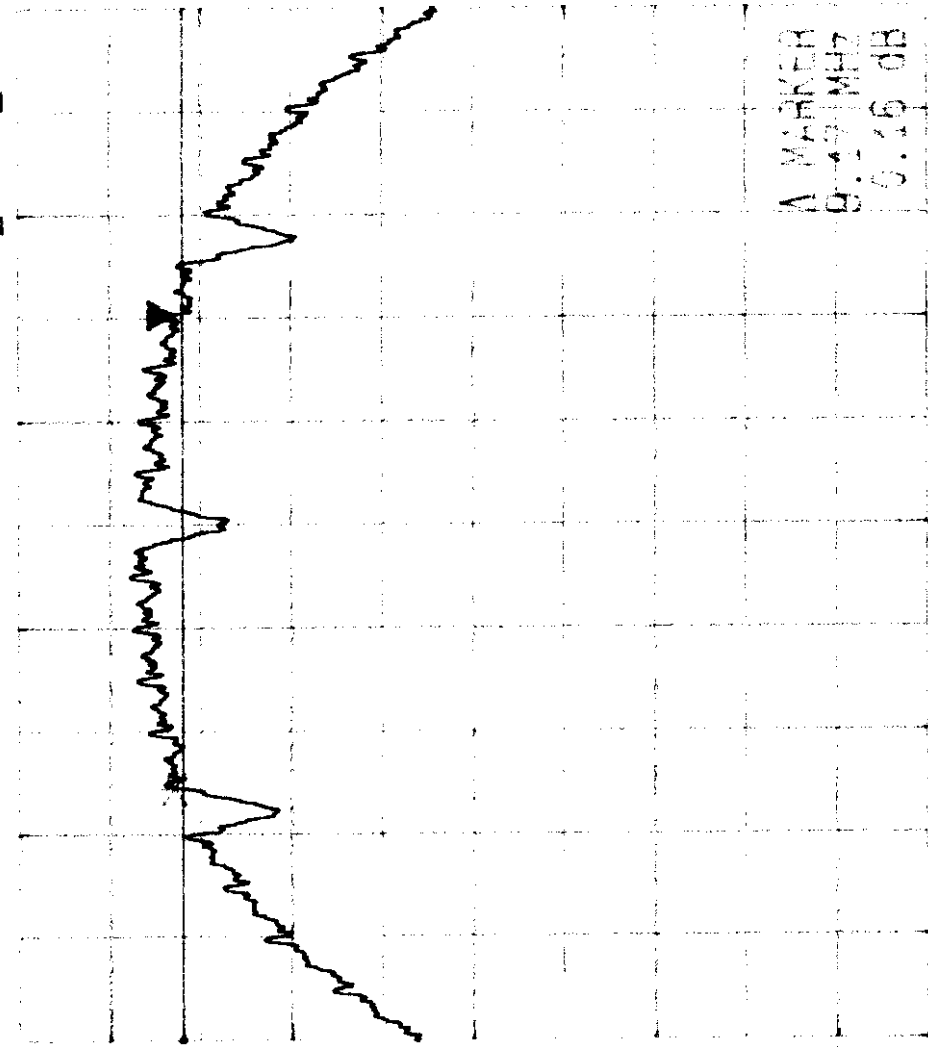
CENTER 2.4200 GHz

SPAN 20.00 MHz

REF 20.0 dBm

ATT 20 dB

A_view B_blank



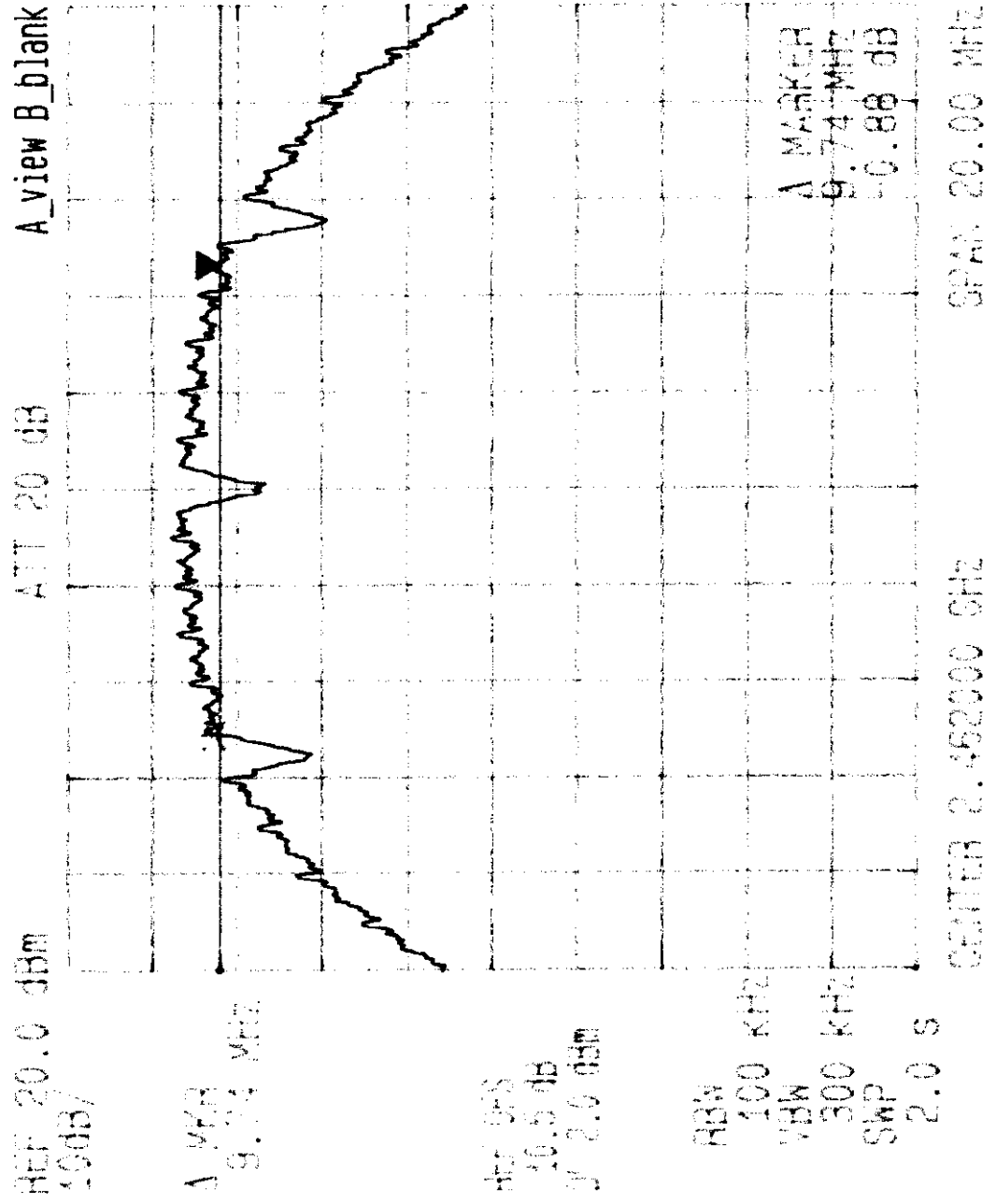
9.17 MHz

REF 20.0 dBm
ATT 20 dB
SPAN 20.00 MHz

RBW 100 kHz
VBW 300 kHz
SNP 2.0 s

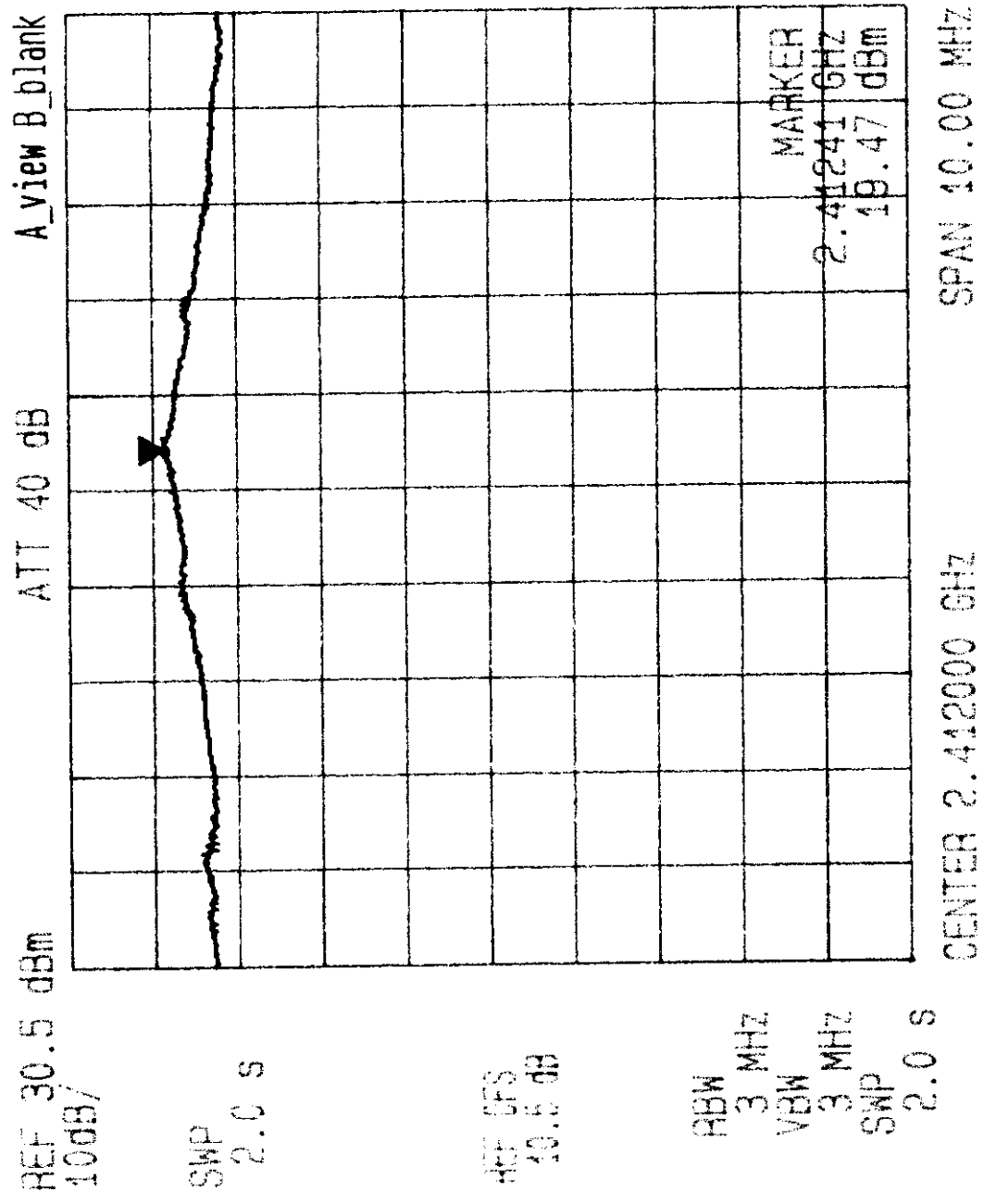
CENTER 2.43700 GHz

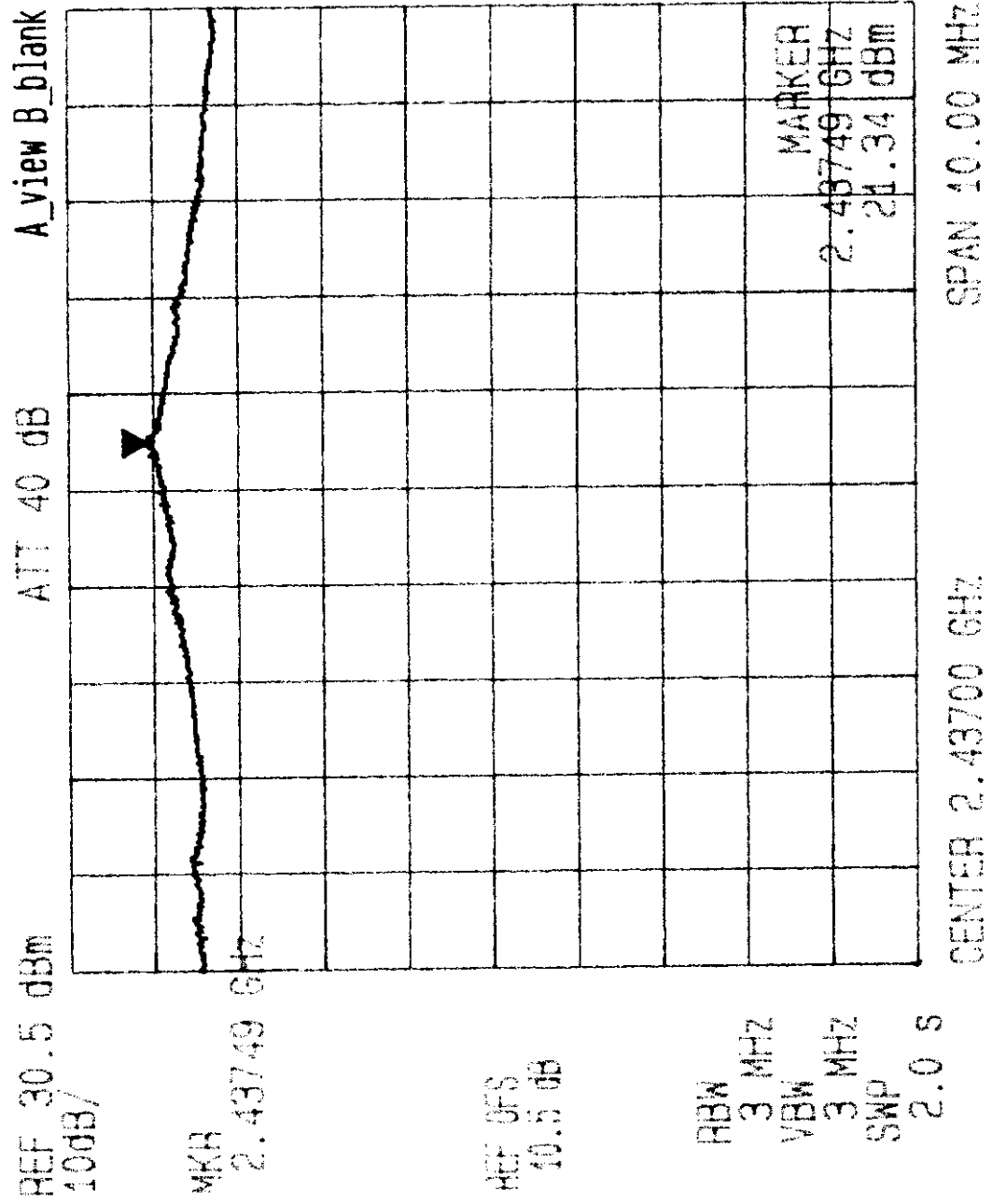
SPAN 20.00 MHz

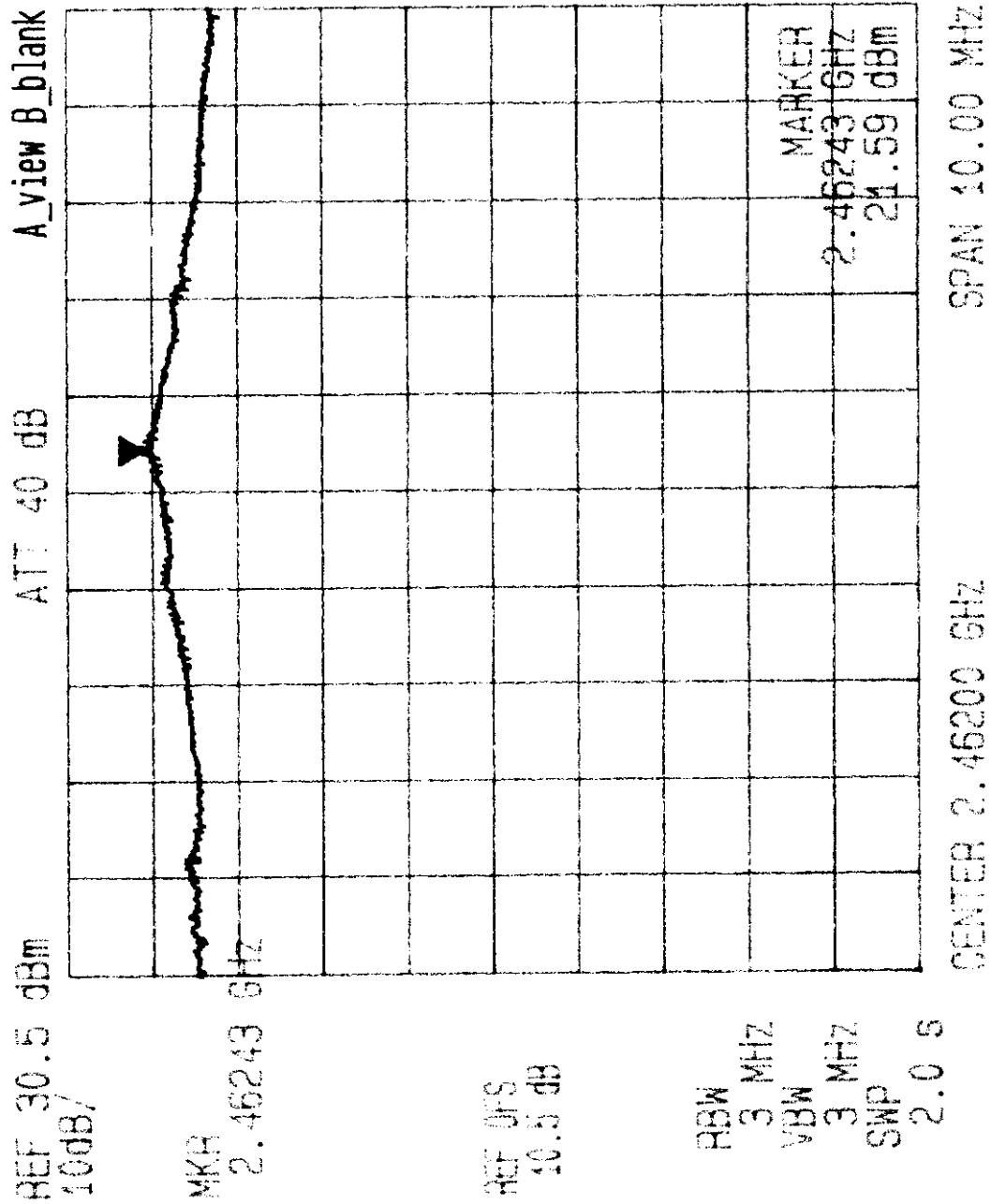


Appendix 4 : Ploted Datas of Output Peak Power

Total of 3 pages

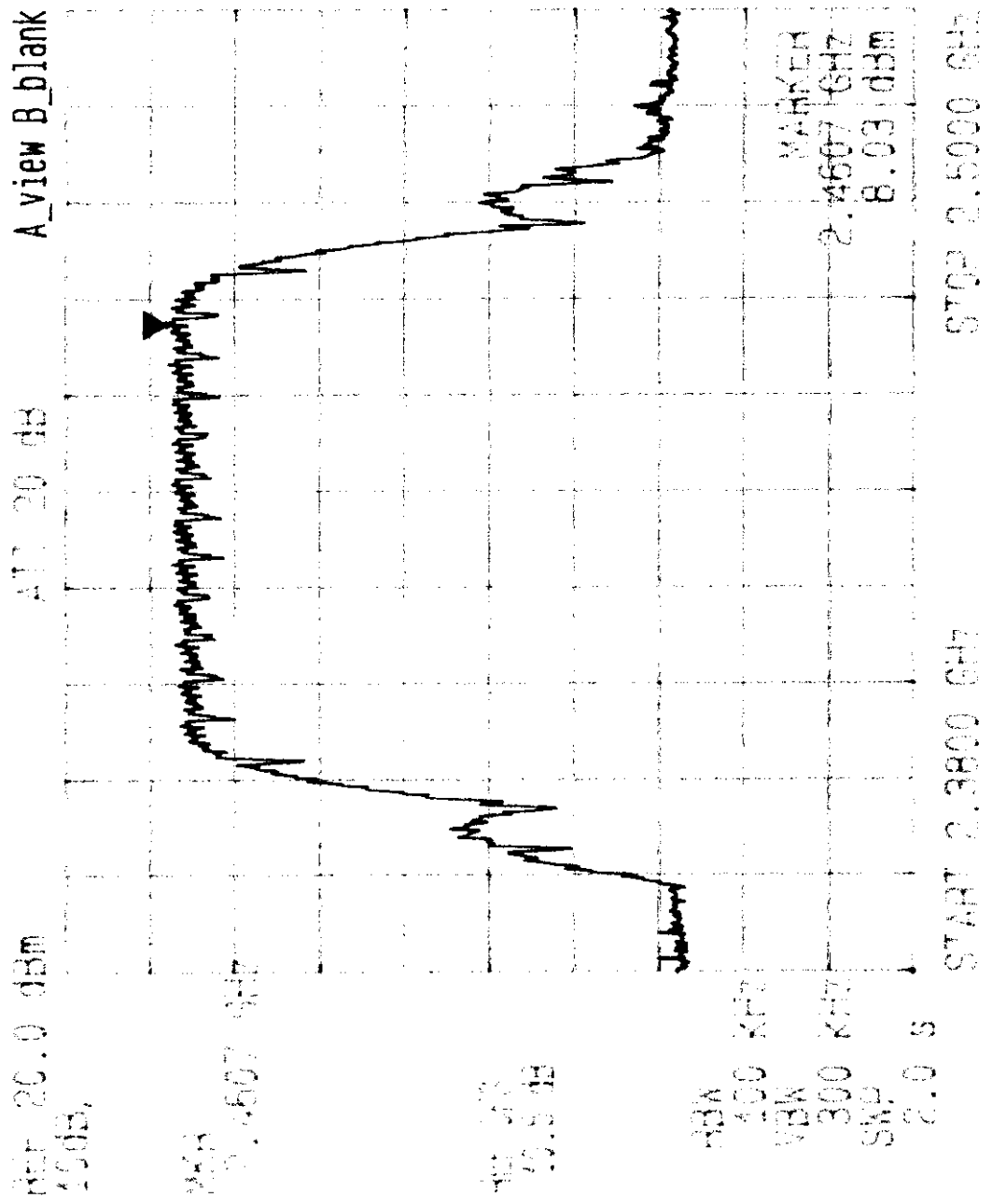


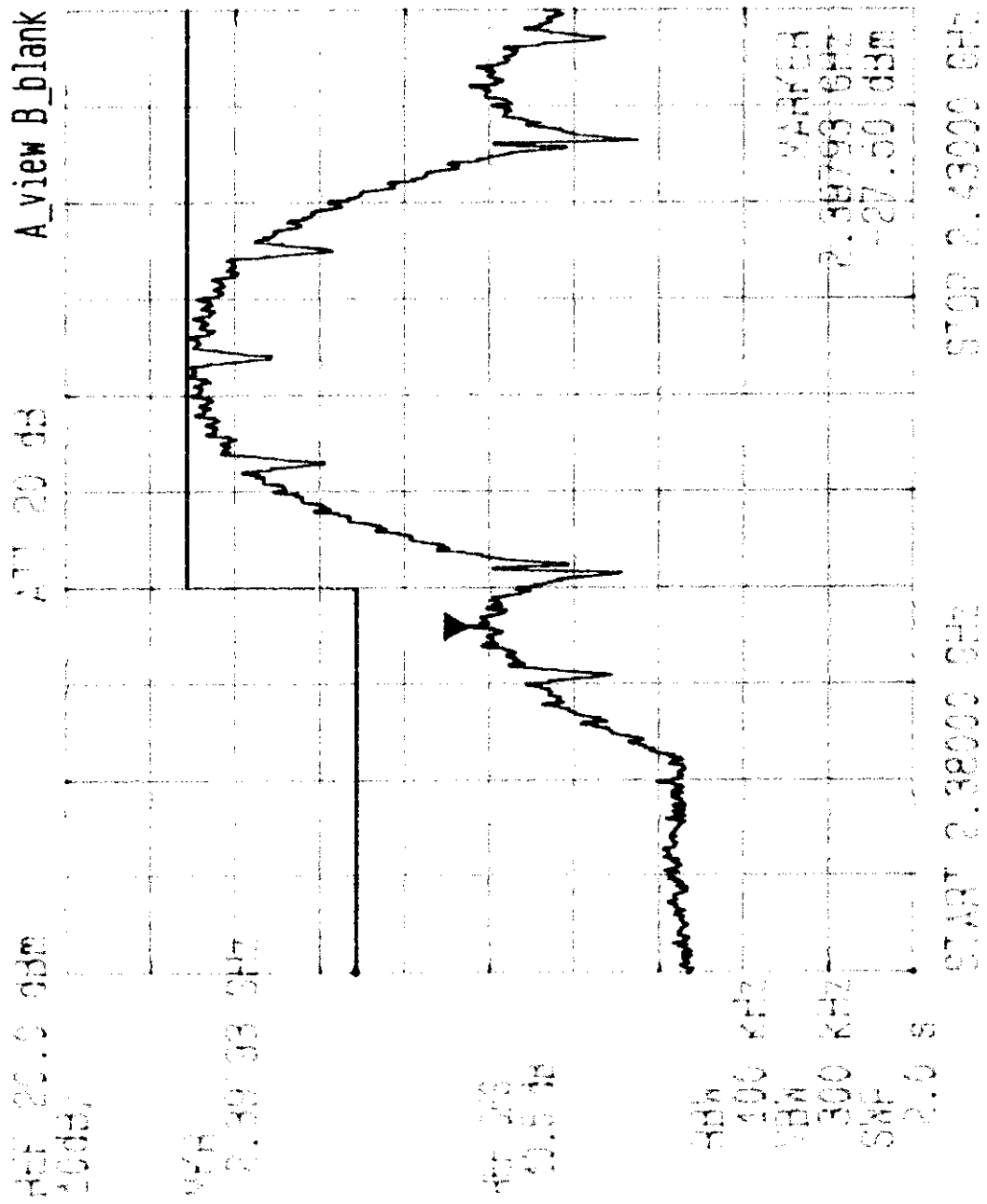




Appendix 5 : Ploted Datas of Band Edge Emission

Total of 3 pages





A_view B_blank

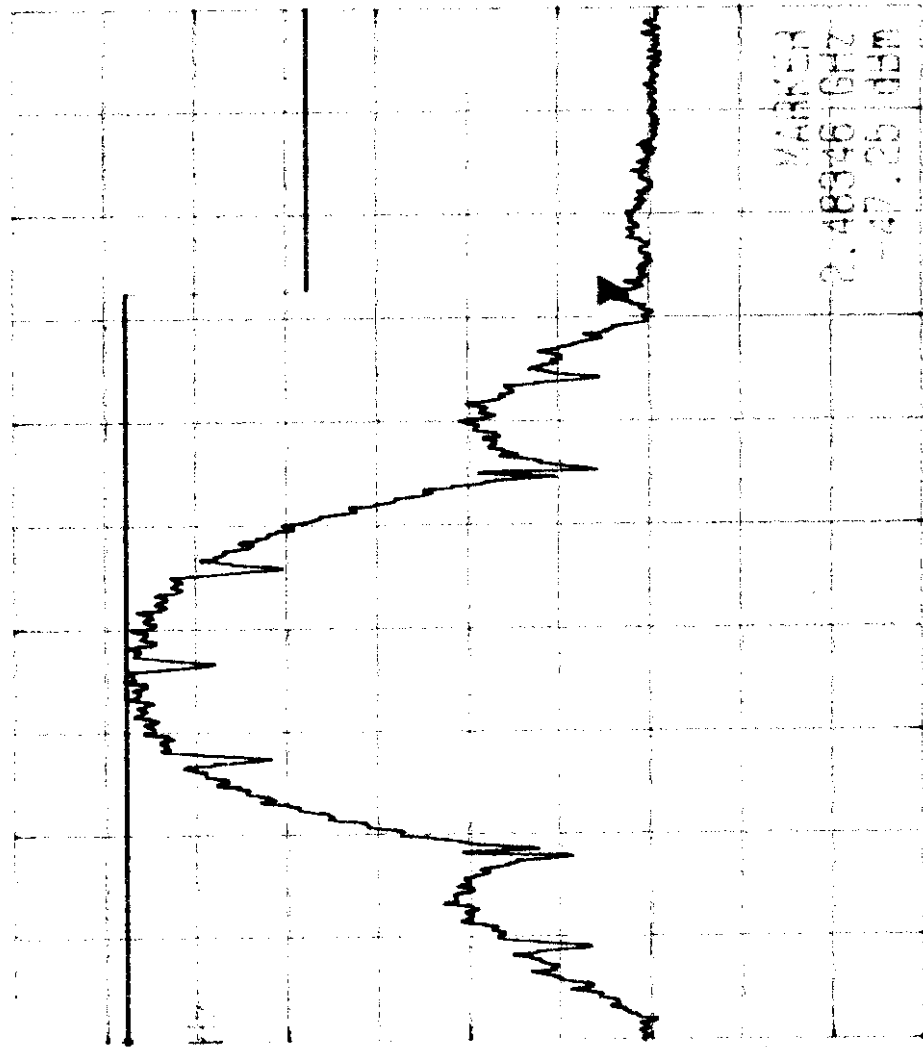
ATT 20 dB

RF 25.0 dBm
20dB

RF 25.0 dBm
20dB

RF 25.0 dBm
20dB

RF 25.0 dBm
20dB
2.0 S

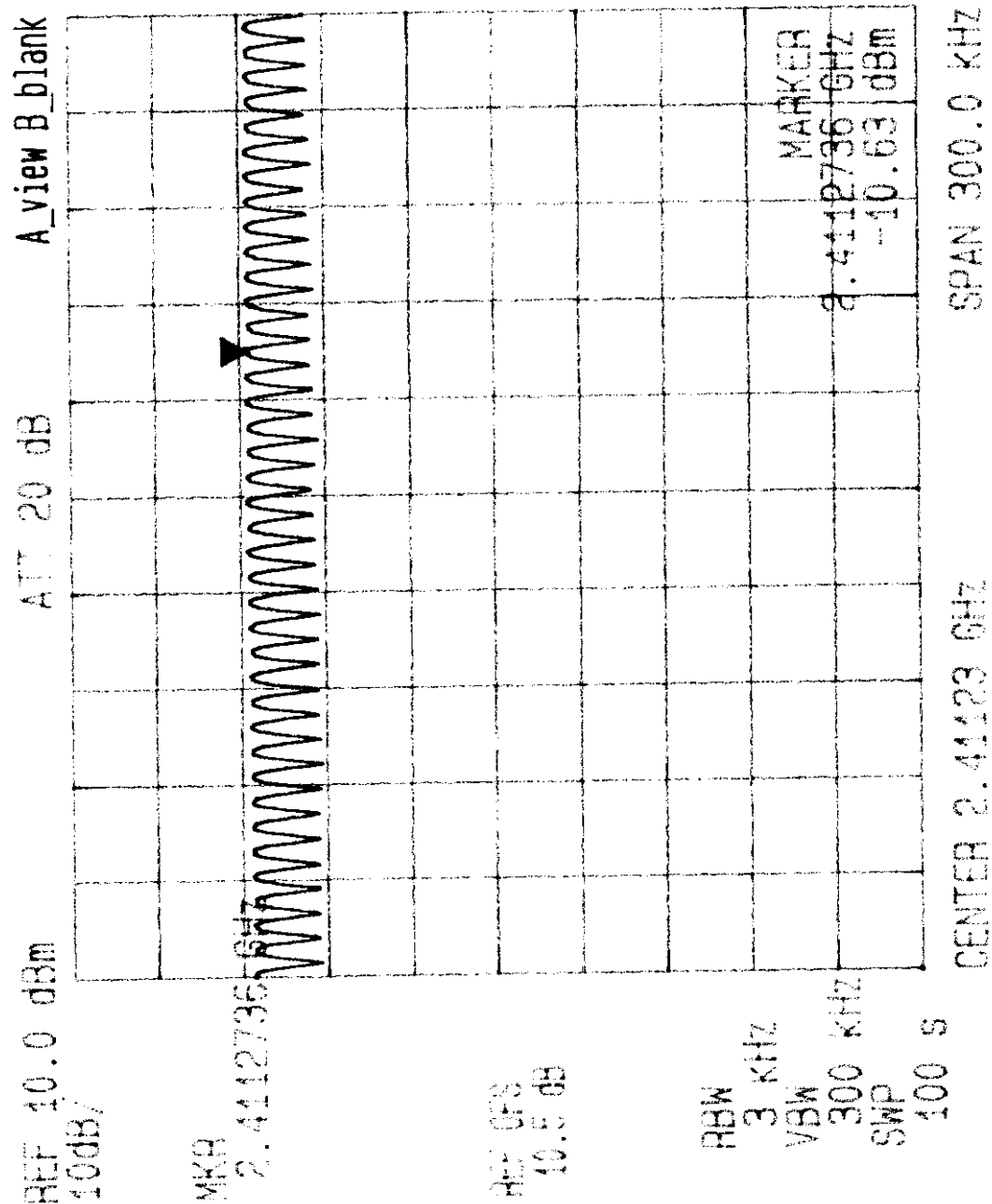


STOP 2.50000 GHz

START 2.44000 GHz

Appendix 6 : Ploted Datas of Power Density

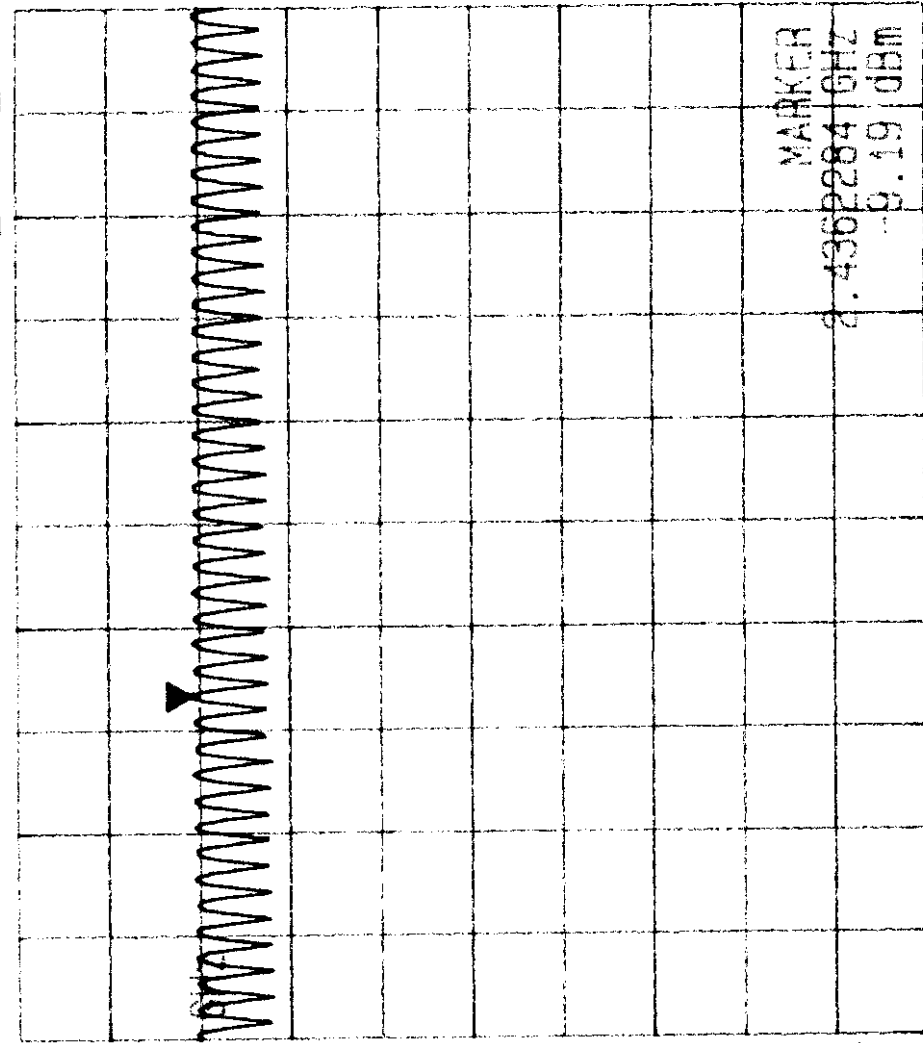
Total of 3 pages



REF 10.0 dBm

ATT 20 dB

A_view B_blank



MARKER

2.4362284 GHz

REF 0 dB

10.5 dB

RBW

3 kHz

VBW

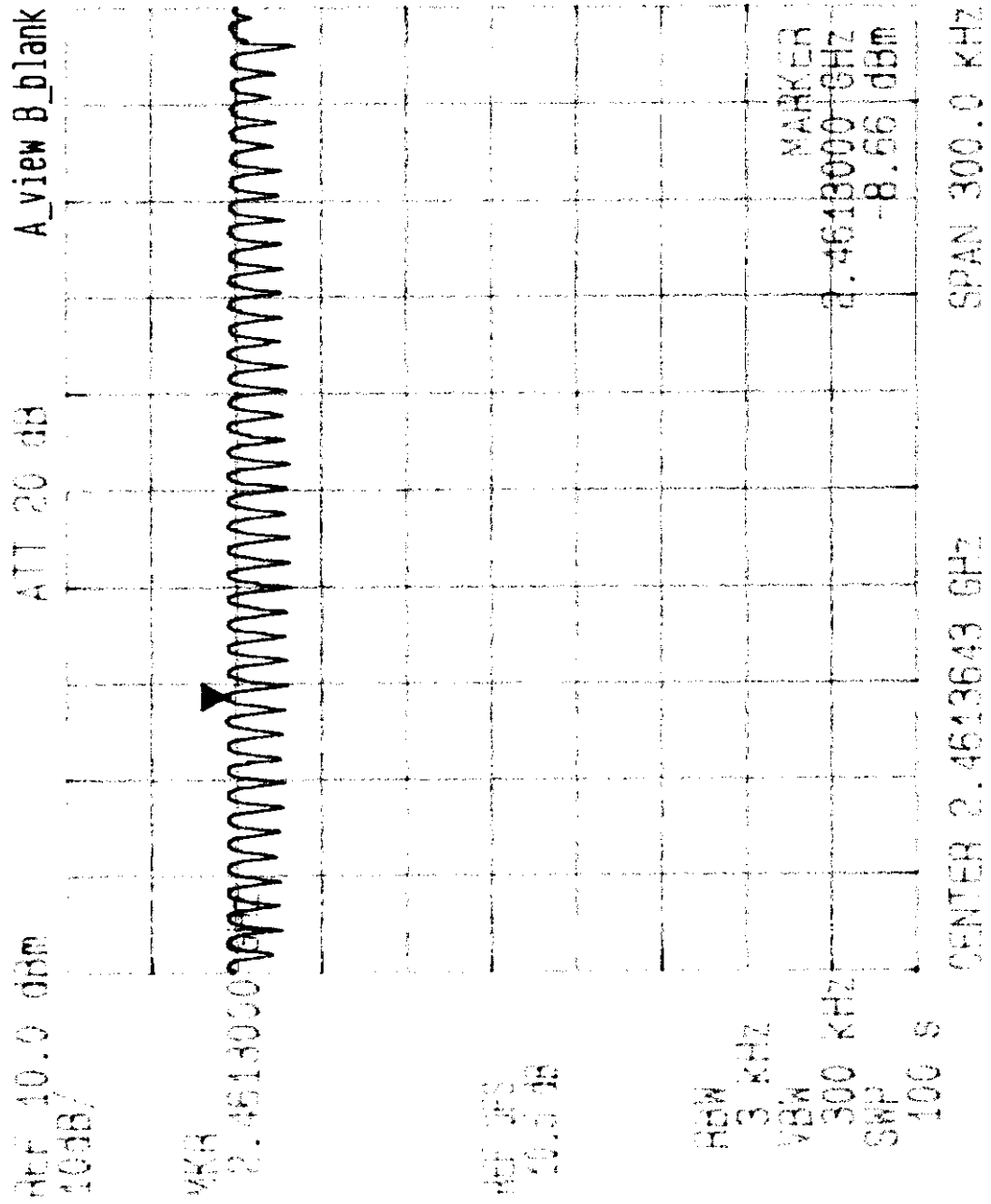
300 kHz

SWP

100 S

CENTER 2.436279 GHz

SPAN 300.0 kHz



Appendix 7 : Processing Gain Tested Data Sheets

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2401.00	-39.14	-34.00	5.14	6.29	0	N/A	N/A	N/A
2401.05	-39.08	-34.17	4.91	6.29	0	N/A	N/A	N/A
2401.10	-39.09	-34.00	5.09	6.29	0	N/A	N/A	N/A
2401.15	-39.12	-34.17	4.95	6.29	0	N/A	N/A	N/A
2401.20	-39.18	-34.33	4.85	6.29	0	N/A	N/A	N/A
2401.25	-39.15	-34.00	5.15	6.29	0	N/A	N/A	N/A
2401.30	-39.14	-34.00	5.14	6.29	0	N/A	N/A	N/A
2401.35	-39.13	-34.00	5.13	6.29	0	N/A	N/A	N/A
2401.40	-39.09	-34.00	5.09	6.29	0	N/A	N/A	N/A
2401.45	-39.08	-34.17	4.91	6.29	0	N/A	N/A	N/A
2401.50	-39.17	-34.00	5.17	6.29	0	N/A	N/A	N/A
2401.55	-39.19	-34.17	5.02	6.29	0	N/A	N/A	N/A
2401.60	-39.19	-34.17	5.02	6.29	0	N/A	N/A	N/A
2401.65	-39.17	-34.17	5.00	6.29	0	N/A	N/A	N/A
2401.70	-39.20	-34.00	5.20	6.29	0	N/A	N/A	N/A
2401.75	-39.18	-34.00	5.18	6.29	0	N/A	N/A	N/A
2401.80	-39.23	-33.83	5.40	6.29	0	N/A	N/A	N/A
2401.85	-39.20	-34.00	5.20	6.29	0	N/A	N/A	N/A
2401.90	-39.22	-34.00	5.22	6.29	0	N/A	N/A	N/A
2401.95	-39.14	-34.00	5.14	6.29	0	N/A	N/A	N/A
2402.00	-39.17	-34.00	5.17	6.29	0	N/A	N/A	N/A
2402.05	-39.17	-34.00	5.17	6.29	0	N/A	N/A	N/A
2402.10	-39.15	-34.00	5.15	6.29	0	N/A	N/A	N/A
2402.15	-39.14	-34.00	5.14	6.29	0	N/A	N/A	N/A
2402.20	-39.18	-34.17	5.01	6.29	0	N/A	N/A	N/A
2402.25	-39.09	-34.00	5.09	6.29	0	N/A	N/A	N/A
2402.30	-39.13	-34.00	5.13	6.29	0	N/A	N/A	N/A
2402.35	-39.13	-34.17	4.96	6.29	0	N/A	N/A	N/A
2402.40	-39.11	-34.17	4.94	6.29	0	N/A	N/A	N/A
2402.45	-39.13	-34.00	5.13	6.29	0	N/A	N/A	N/A
2402.50	-39.18	-34.17	5.01	6.29	0	N/A	N/A	N/A
2402.55	-39.19	-34.17	5.02	6.29	0	N/A	N/A	N/A
2402.60	-39.19	-34.00	5.19	6.29	0	N/A	N/A	N/A
2402.65	-39.23	-34.00	5.23	6.29	0	N/A	N/A	N/A
2402.70	-39.20	-34.17	5.03	6.29	0	N/A	N/A	N/A
2402.75	-39.21	-34.33	4.88	6.29	0	N/A	N/A	N/A
2402.80	-39.15	-34.17	4.98	6.29	0	N/A	N/A	N/A
2402.85	-39.15	-34.17	4.98	6.29	0	N/A	N/A	N/A
2402.90	-39.13	-34.17	4.96	6.29	0	N/A	N/A	N/A
2402.95	-39.10	-34.00	5.10	6.29	0	N/A	N/A	N/A
2403.00	-39.14	-34.17	4.97	6.29	0	N/A	N/A	N/A
2403.05	-39.13	-34.17	4.96	6.29	0	N/A	N/A	N/A
2403.10	-38.92	-33.67	5.25	6.29	0	N/A	N/A	N/A
2403.15	-38.96	-33.67	5.29	6.29	0	N/A	N/A	N/A
2403.20	-38.94	-33.67	5.27	6.29	0	N/A	N/A	N/A
2403.25	-38.94	-33.67	5.27	6.29	0	N/A	N/A	N/A
2403.30	-38.98	-33.83	5.15	6.29	0	N/A	N/A	N/A
2403.35	-39.01	-33.83	5.18	6.29	0	N/A	N/A	N/A
2403.40	-39.05	-33.83	5.22	6.29	0	N/A	N/A	N/A
2403.45	-38.96	-33.83	5.13	6.29	0	N/A	N/A	N/A

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2403.50	-39.07	-33.83	5.24	6.29	0	N/A	N/A	N/A
2403.55	-39.10	-33.67	5.43	6.29	0	N/A	N/A	N/A
2403.60	-39.02	-34.00	5.02	6.29	54	0.86	16.82	
2403.65	-39.06	-34.17	4.89	6.29	50	0.79	16.69	
2403.70	-39.05	-34.83	4.22	6.29	52	0.83	16.02	
2403.75	-39.03	-34.33	4.70	6.29	30	0.48	16.50	
2403.80	-39.02	-34.17	4.85	6.29	26	0.41	16.65	
2403.85	-39.09	-34.33	4.76	6.29	46	0.73	16.56	
2403.90	-39.12	-35.67	3.45	6.29	47	0.75	15.25	
2403.95	-39.06	-35.33	3.73	6.29	40	0.64	15.53	
2404.00	-39.06	-35.67	3.39	6.29	46	0.73	15.19	
2404.05	-39.06	-35.83	3.23	6.29	36	0.57	15.03	
2404.10	-38.70	-35.00	3.70	6.29	34	0.54	15.50	
2404.15	-39.08	-35.83	3.25	6.29	53	0.84	15.05	
2404.20	-39.10	-35.67	3.43	6.29	48	0.76	15.23	
2404.25	-39.07	-36.17	2.90	6.29	53	0.84	14.70	
2404.30	-38.97	-36.17	2.80	6.29	28	0.45	14.60	
2404.35	-39.10	-36.67	2.43	6.29	51	0.81	14.23	
2404.40	-39.12	-36.67	2.45	6.29	30	0.48	14.25	
2404.45	-39.05	-36.67	2.38	6.29	39	0.62	14.18	
2404.50	-39.12	-37.00	2.12	6.29	60	0.95	13.92	
2404.55	-39.12	-37.33	1.79	6.29	28	0.45	13.59	
2404.60	-39.15	-37.33	1.82	6.29	24	0.38	13.62	
2404.65	-39.17	-37.33	1.84	6.29	26	0.41	13.64	
2404.70	-39.17	-37.83	1.34	6.29	32	0.51	13.14	
2404.75	-39.13	-37.50	1.63	6.29	52	0.83	13.43	
2404.80	-39.16	-37.50	1.66	6.29	48	0.76	13.46	
2404.85	-39.11	-37.33	1.78	6.29	38	0.60	13.58	
2404.90	-39.06	-37.83	1.23	6.29	51	0.81	13.03	
2404.95	-39.04	-37.50	1.54	6.29	61	0.97	13.34	
2405.00	-39.11	-38.00	1.11	6.29	47	0.75	12.91	
2405.05	-39.13	-37.33	1.80	6.29	43	0.68	13.60	
2405.10	-39.17	-37.17	2.00	6.29	24	0.38	13.80	
2405.15	-39.17	-37.50	1.67	6.29	50	0.79	13.47	
2405.20	-38.75	-36.33	2.42	6.29	51	0.81	14.22	
2405.25	-39.05	-36.67	2.38	6.29	24	0.38	14.18	
2405.30	-39.08	-36.67	2.41	6.29	24	0.38	14.21	
2405.35	-39.31	-37.50	1.81	6.29	47	0.75	13.61	
2405.40	-39.12	-37.00	2.12	6.29	55	0.87	13.92	
2405.45	-39.25	-37.50	1.75	6.29	40	0.64	13.55	
2405.50	-39.20	-37.33	1.87	6.29	24	0.38	13.67	
2405.55	-39.16	-37.33	1.83	6.29	36	0.57	13.63	
2405.60	-38.91	-37.00	1.91	6.29	32	0.51	13.71	
2405.65	-39.17	-37.33	1.84	6.29	53	0.84	13.64	
2405.70	-39.14	-37.50	1.64	6.29	47	0.75	13.44	
2405.75	-38.83	-37.00	1.83	6.29	26	0.41	13.63	
2405.80	-39.08	-37.17	1.91	6.29	34	0.54	13.71	
2405.85	-38.72	-36.67	2.05	6.29	60	0.95	13.85	
2405.90	-39.11	-37.83	1.28	6.29	26	0.41	13.08	
2405.95	-38.89	-37.67	1.22	6.29	58	0.92	13.02	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).
'---' Discarded worst 20% of available J/S data points.
'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2406.00	-39.12	-37.67	1.45	6.29	61	0.97	13.25	
2406.05	-38.99	-37.33	1.66	6.29	40	0.64	13.46	
2406.10	-38.99	-37.17	1.82	6.29	62	0.99	13.62	
2406.15	-38.84	-36.83	2.01	6.29	55	0.87	13.81	
2406.20	-38.97	-36.67	2.30	6.29	40	0.64	14.10	
2406.25	-38.85	-36.50	2.35	6.29	26	0.41	14.15	
2406.30	-39.03	-36.67	2.36	6.29	24	0.38	14.16	
2406.35	-39.01	-36.67	2.34	6.29	34	0.54	14.14	
2406.40	-38.78	-36.17	2.61	6.29	46	0.73	14.41	
2406.45	-38.81	-36.33	2.48	6.29	28	0.45	14.28	
2406.50	-39.23	-36.83	2.40	6.29	36	0.57	14.20	
2406.55	-39.28	-36.67	2.61	6.29	44	0.70	14.41	
2406.60	-38.73	-36.33	2.40	6.29	54	0.86	14.20	
2406.65	-39.18	-37.17	2.01	6.29	44	0.70	13.81	
2406.70	-39.21	-37.50	1.71	6.29	44	0.70	13.51	
2406.75	-39.22	-37.67	1.55	6.29	60	0.95	13.35	
2406.80	-39.19	-38.00	1.19	6.29	30	0.48	12.99	
2406.85	-39.10	-38.00	1.10	6.29	44	0.70	12.90	
2406.90	-39.12	-38.50	0.62	6.29	36	0.57	12.42	
2406.95	-39.10	-38.50	0.60	6.29	24	0.38	12.40	
2407.00	-39.18	-38.67	0.51	6.29	24	0.38	12.31	
2407.05	-39.11	-39.17	-0.06	6.29	59	0.94	11.74	
2407.10	-39.24	-39.33	-0.09	6.29	46	0.73	11.71	
2407.15	-39.16	-40.17	-1.01	6.29	36	0.57	10.79	
2407.20	-38.93	-39.17	-0.24	6.29	24	0.38	11.56	
2407.25	-38.93	-39.33	-0.40	6.29	42	0.67	11.40	
2407.30	-39.07	-39.67	-0.60	6.29	26	0.41	11.20	
2407.35	-38.84	-40.00	-1.16	6.29	34	0.54	10.64	
2407.40	-38.92	-40.17	-1.25	6.29	47	0.75	10.55	
2407.45	-38.95	-39.83	-0.88	6.29	32	0.51	10.92	
2407.50	-38.93	-39.33	-0.40	6.29	26	0.41	11.40	
2407.55	-38.95	-39.33	-0.38	6.29	24	0.38	11.42	
2407.60	-39.02	-39.50	-0.48	6.29	52	0.83	11.32	
2407.65	-38.91	-39.33	-0.42	6.29	36	0.57	11.38	
2407.70	-38.95	-39.00	-0.05	6.29	46	0.73	11.75	
2407.75	-38.95	-39.50	-0.55	6.29	29	0.46	11.25	
2407.80	-38.82	-38.50	0.32	6.29	32	0.51	12.12	
2407.85	-38.92	-38.67	0.25	6.29	42	0.67	12.05	
2407.90	-38.78	-38.50	0.28	6.29	32	0.51	12.08	
2407.95	-38.73	-38.50	0.23	6.29	36	0.57	12.03	
2408.00	-38.92	-39.00	-0.08	6.29	26	0.41	11.72	
2408.05	-38.93	-39.00	-0.07	6.29	61	0.97	11.73	
2408.10	-39.00	-39.67	-0.67	6.29	28	0.45	11.13	
2408.15	-38.94	-39.67	-0.73	6.29	24	0.38	11.07	
2408.20	-38.95	-39.83	-0.88	6.29	32	0.51	10.92	
2408.25	-38.86	-39.17	-0.31	6.29	32	0.51	11.49	
2408.30	-38.92	-39.00	-0.08	6.29	37	0.59	11.72	
2408.35	-38.80	-38.50	0.30	6.29	49	0.78	12.10	
2408.40	-38.91	-38.83	0.08	6.29	59	0.94	11.88	
2408.45	-38.88	-39.00	-0.12	6.29	38	0.60	11.68	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).
'---' Discarded worst 20% of available J/S data points.
'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2408.50	-39.04	-38.67	0.37	6.29	62	0.99	12.17	
2408.55	-38.81	-38.00	0.81	6.29	43	0.68	12.61	
2408.60	-38.96	-38.67	0.29	6.29	56	0.89	12.09	
2408.65	-38.82	-37.83	0.99	6.29	60	0.95	12.79	
2408.70	-38.94	-38.17	0.77	6.29	40	0.64	12.57	
2408.75	-38.92	-38.83	0.09	6.29	61	0.97	11.89	
2408.80	-38.81	-38.33	0.48	6.29	38	0.60	12.28	
2408.85	-38.87	-38.33	0.54	6.29	36	0.57	12.34	
2408.90	-38.92	-38.67	0.25	6.29	58	0.92	12.05	
2408.95	-38.82	-38.33	0.49	6.29	52	0.83	12.29	
2409.00	-38.91	-39.33	-0.42	6.29	26	0.41	11.38	
2409.05	-38.87	-39.00	-0.13	6.29	34	0.54	11.67	
2409.10	-38.87	-39.00	-0.13	6.29	51	0.81	11.67	
2409.15	-38.80	-39.33	-0.53	6.29	37	0.59	11.27	
2409.20	-38.88	-39.17	-0.29	6.29	26	0.41	11.51	
2409.25	-38.86	-39.33	-0.47	6.29	49	0.78	11.33	
2409.30	-38.83	-39.33	-0.50	6.29	52	0.83	11.30	
2409.35	-38.93	-39.67	-0.74	6.29	44	0.70	11.06	
2409.40	-38.91	-40.00	-1.09	6.29	40	0.64	10.71	
2409.45	-38.94	-40.17	-1.23	6.29	54	0.86	10.57	
2409.50	-38.90	-40.33	-1.43	6.29	32	0.51	10.37	
2409.55	-38.92	-40.50	-1.58	6.29	26	0.41	10.22	---
2409.60	-38.87	-40.67	-1.80	6.29	44	0.70	10.00	---
2409.65	-38.91	-40.50	-1.59	6.29	24	0.38	10.21	---
2409.70	-38.95	-40.50	-1.55	6.29	34	0.54	10.25	---
2409.75	-38.84	-40.33	-1.49	6.29	28	0.45	10.31	---
2409.80	-38.84	-40.33	-1.49	6.29	24	0.38	10.31	---
2409.85	-38.82	-40.17	-1.35	6.29	30	0.48	10.45	
2409.90	-38.92	-40.00	-1.08	6.29	36	0.57	10.72	
2409.95	-38.85	-40.00	-1.15	6.29	46	0.73	10.65	
2410.00	-38.89	-40.17	-1.28	6.29	24	0.38	10.52	
2410.05	-38.94	-40.67	-1.73	6.29	30	0.48	10.07	---
2410.10	-38.87	-40.83	-1.96	6.29	40	0.64	9.84	---
2410.15	-38.93	-41.00	-2.07	6.29	44	0.70	9.73	---
2410.20	-42.08	-43.33	-1.25	6.29	56	0.89	10.55	
2410.25	-38.74	-41.17	-2.43	6.29	50	0.79	9.37	---
2410.30	-38.94	-41.33	-2.39	6.29	44	0.70	9.41	---
2410.35	-38.88	-41.17	-2.29	6.29	42	0.67	9.51	---
2410.40	-38.93	-41.33	-2.40	6.29	50	0.79	9.40	---
2410.45	-38.89	-41.00	-2.11	6.29	34	0.54	9.69	---
2410.50	-38.84	-41.00	-2.16	6.29	24	0.38	9.64	---
2410.55	-38.82	-40.67	-1.85	6.29	24	0.38	9.95	---
2410.60	-38.84	-40.17	-1.33	6.29	34	0.54	10.47	
2410.65	-38.85	-40.17	-1.32	6.29	34	0.54	10.48	
2410.70	-38.88	-39.67	-0.79	6.29	26	0.41	11.01	
2410.75	-38.82	-39.33	-0.51	6.29	28	0.45	11.29	
2410.80	-38.85	-39.17	-0.32	6.29	36	0.57	11.48	
2410.85	-38.78	-39.33	-0.55	6.29	32	0.51	11.25	
2410.90	-38.85	-39.50	-0.65	6.29	28	0.45	11.15	
2410.95	-38.86	-39.67	-0.81	6.29	24	0.38	10.99	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2411.00	-38.85	-39.33	-0.48	6.29	30	0.48	11.32	
2411.05	-38.86	-39.33	-0.47	6.29	58	0.92	11.33	
2411.10	-38.88	-39.67	-0.79	6.29	24	0.38	11.01	
2411.15	-39.01	-39.83	-0.82	6.29	24	0.38	10.98	
2411.20	-38.86	-39.50	-0.64	6.29	46	0.73	11.16	
2411.25	-38.88	-39.50	-0.62	6.29	42	0.67	11.18	
2411.30	-38.83	-39.83	-1.00	6.29	54	0.86	10.80	
2411.35	-38.86	-40.00	-1.14	6.29	28	0.45	10.66	
2411.40	-38.88	-40.00	-1.12	6.29	30	0.48	10.68	
2411.45	-38.92	-39.83	-0.91	6.29	30	0.48	10.89	
2411.50	-38.89	-39.17	-0.28	6.29	42	0.67	11.52	
2411.55	-38.88	-39.00	-0.12	6.29	52	0.83	11.68	
2411.60	-38.92	-39.00	-0.08	6.29	30	0.48	11.72	
2411.65	-38.95	-39.33	-0.38	6.29	42	0.67	11.42	
2411.70	-38.78	-39.33	-0.55	6.29	26	0.41	11.25	
2411.75	-38.92	-39.83	-0.91	6.29	30	0.48	10.89	
2411.80	-38.87	-40.17	-1.30	6.29	30	0.48	10.50	
2411.85	-39.12	-40.50	-1.38	6.29	24	0.38	10.42	
2411.90	-39.15	-40.83	-1.68	6.29	26	0.41	10.12	---
2411.95	-39.16	-41.00	-1.84	6.29	36	0.57	9.96	---
2412.00	-39.07	-41.33	-2.26	6.29	26	0.41	9.54	---
2412.05	-39.12	-41.17	-2.05	6.29	28	0.45	9.75	---
2412.10	-39.18	-41.17	-1.99	6.29	26	0.41	9.81	---
2412.15	-39.17	-41.00	-1.83	6.29	28	0.45	9.97	---
2412.20	-38.84	-40.50	-1.66	6.29	46	0.73	10.14	---
2412.25	-38.77	-40.50	-1.73	6.29	42	0.67	10.07	---
2412.30	-38.87	-40.50	-1.63	6.29	24	0.38	10.17	---
2412.35	-38.86	-40.33	-1.47	6.29	30	0.48	10.33	---
2412.40	-38.88	-40.33	-1.45	6.29	40	0.64	10.35	***
2412.45	-38.86	-40.33	-1.47	6.29	24	0.38	10.33	---
2412.50	-38.87	-40.17	-1.30	6.29	24	0.38	10.50	
2412.55	-38.85	-40.33	-1.48	6.29	38	0.60	10.32	---
2412.60	-38.90	-40.50	-1.60	6.29	34	0.54	10.20	---
2412.65	-38.89	-40.83	-1.94	6.29	34	0.54	9.86	---
2412.70	-38.95	-40.83	-1.88	6.29	24	0.38	9.92	---
2412.75	-38.92	-40.83	-1.91	6.29	34	0.54	9.89	---
2412.80	-39.03	-40.83	-1.80	6.29	40	0.64	10.00	---
2412.85	-39.08	-40.50	-1.42	6.29	30	0.48	10.38	
2412.90	-39.08	-40.67	-1.59	6.29	24	0.38	10.21	---
2412.95	-39.04	-40.83	-1.79	6.29	36	0.57	10.01	---
2413.00	-39.03	-40.67	-1.64	6.29	30	0.48	10.16	---
2413.05	-39.02	-40.50	-1.48	6.29	42	0.67	10.32	---
2413.10	-38.92	-40.17	-1.25	6.29	54	0.86	10.55	
2413.15	-38.94	-39.83	-0.89	6.29	48	0.76	10.91	
2413.20	-38.92	-39.83	-0.91	6.29	26	0.41	10.89	
2413.25	-38.88	-39.50	-0.62	6.29	38	0.60	11.18	
2413.30	-38.95	-39.67	-0.72	6.29	30	0.48	11.08	
2413.35	-38.85	-39.50	-0.65	6.29	52	0.83	11.15	
2413.40	-39.23	-40.00	-0.77	6.29	48	0.76	11.03	
2413.45	-38.86	-39.83	-0.97	6.29	44	0.70	10.83	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2413.50	-38.87	-40.00	-1.13	6.29	52	0.83	10.67	
2413.55	-38.91	-40.50	-1.59	6.29	26	0.41	10.21	---
2413.60	-38.94	-40.33	-1.39	6.29	54	0.86	10.41	
2413.65	-38.96	-40.50	-1.54	6.29	38	0.60	10.26	---
2413.70	-38.89	-40.67	-1.78	6.29	24	0.38	10.02	---
2413.75	-39.02	-40.17	-1.15	6.29	38	0.60	10.65	
2413.80	-38.85	-39.83	-0.98	6.29	42	0.67	10.82	
2413.85	-38.98	-39.67	-0.69	6.29	32	0.51	11.11	
2413.90	-38.98	-39.83	-0.85	6.29	30	0.48	10.95	
2413.95	-39.02	-39.83	-0.81	6.29	24	0.38	10.99	
2414.00	-39.25	-39.67	-0.42	6.29	50	0.79	11.38	
2414.05	-39.04	-39.17	-0.13	6.29	44	0.70	11.67	
2414.10	-39.05	-39.33	-0.28	6.29	26	0.41	11.52	
2414.15	-38.97	-39.33	-0.36	6.29	24	0.38	11.44	
2414.20	-39.02	-39.33	-0.31	6.29	24	0.38	11.49	
2414.25	-39.09	-39.00	0.09	6.29	32	0.51	11.89	
2414.30	-38.95	-38.83	0.12	6.29	24	0.38	11.92	
2414.35	-39.00	-39.33	-0.33	6.29	24	0.38	11.47	
2414.40	-39.00	-39.50	-0.50	6.29	42	0.67	11.30	
2414.45	-38.89	-39.67	-0.78	6.29	62	0.99	11.02	
2414.50	-39.02	-40.33	-1.31	6.29	44	0.70	10.49	
2414.55	-39.03	-40.50	-1.47	6.29	30	0.48	10.33	---
2414.60	-39.00	-40.50	-1.50	6.29	52	0.83	10.30	---
2414.65	-39.03	-40.67	-1.64	6.29	26	0.41	10.16	---
2414.70	-39.30	-41.17	-1.87	6.29	45	0.72	9.93	---
2414.75	-39.18	-40.50	-1.32	6.29	38	0.60	10.48	
2414.80	-39.14	-40.17	-1.03	6.29	50	0.79	10.77	
2414.85	-39.04	-40.50	-1.46	6.29	26	0.41	10.34	---
2414.90	-39.20	-41.83	-2.63	6.29	53	0.84	9.17	---
2414.95	-39.19	-41.50	-2.31	6.29	46	0.73	9.49	---
2415.00	-39.15	-41.67	-2.52	6.29	51	0.81	9.28	---
2415.05	-39.17	-41.83	-2.66	6.29	43	0.68	9.14	---
2415.10	-39.17	-41.67	-2.50	6.29	26	0.41	9.30	---
2415.15	-39.27	-41.50	-2.23	6.29	28	0.45	9.57	---
2415.20	-39.29	-41.17	-1.88	6.29	28	0.45	9.92	---
2415.25	-39.33	-41.50	-2.17	6.29	47	0.75	9.63	---
2415.30	-39.29	-41.33	-2.04	6.29	45	0.72	9.76	---
2415.35	-39.32	-41.33	-2.01	6.29	56	0.89	9.79	---
2415.40	-39.35	-41.33	-1.98	6.29	58	0.92	9.82	---
2415.45	-39.35	-42.33	-2.98	6.29	56	0.89	8.82	---
2415.50	-39.27	-42.00	-2.73	6.29	24	0.38	9.07	---
2415.55	-38.95	-41.33	-2.38	6.29	46	0.73	9.42	---
2415.60	-39.37	-41.67	-2.30	6.29	32	0.51	9.50	---
2415.65	-39.39	-41.50	-2.11	6.29	38	0.60	9.69	---
2415.70	-39.45	-41.50	-2.05	6.29	24	0.38	9.75	---
2415.75	-39.32	-41.83	-2.51	6.29	53	0.84	9.29	---
2415.80	-39.40	-42.00	-2.60	6.29	26	0.41	9.20	---
2415.85	-39.36	-42.00	-2.64	6.29	38	0.60	9.16	---
2415.90	-39.40	-42.50	-3.10	6.29	42	0.67	8.70	---
2415.95	-39.22	-41.33	-2.11	6.29	30	0.48	9.69	---

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2416.00	-39.05	-41.50	-2.45	6.29	49	0.78	9.35	---
2416.05	-39.07	-41.50	-2.43	6.29	51	0.81	9.37	---
2416.10	-39.12	-41.00	-1.88	6.29	54	0.86	9.92	---
2416.15	-39.11	-40.83	-1.72	6.29	24	0.38	10.08	---
2416.20	-39.10	-40.33	-1.23	6.29	38	0.60	10.57	
2416.25	-39.01	-39.17	-0.16	6.29	32	0.51	11.64	
2416.30	-38.96	-39.33	-0.37	6.29	30	0.48	11.43	
2416.35	-38.92	-39.33	-0.41	6.29	56	0.89	11.39	
2416.40	-39.00	-39.33	-0.33	6.29	46	0.73	11.47	
2416.45	-38.94	-39.83	-0.89	6.29	55	0.87	10.91	
2416.50	-39.06	-39.33	-0.27	6.29	34	0.54	11.53	
2416.55	-38.97	-39.33	-0.36	6.29	48	0.76	11.44	
2416.60	-38.99	-39.67	-0.68	6.29	24	0.38	11.12	
2416.65	-39.00	-39.83	-0.83	6.29	28	0.45	10.97	
2416.70	-39.01	-39.83	-0.82	6.29	42	0.67	10.98	
2416.75	-39.12	-39.17	-0.05	6.29	36	0.57	11.75	
2416.80	-39.10	-38.83	0.27	6.29	50	0.79	12.07	
2416.85	-39.00	-39.00	0.00	6.29	36	0.57	11.80	
2416.90	-39.03	-39.33	-0.30	6.29	26	0.41	11.50	
2416.95	-39.10	-39.50	-0.40	6.29	44	0.70	11.40	
2417.00	-39.08	-39.50	-0.42	6.29	42	0.67	11.38	
2417.05	-39.29	-39.17	0.12	6.29	49	0.78	11.92	
2417.10	-39.04	-38.50	0.54	6.29	24	0.38	12.34	
2417.15	-39.07	-38.33	0.74	6.29	54	0.86	12.54	
2417.20	-38.99	-38.33	0.66	6.29	46	0.73	12.46	
2417.25	-38.95	-37.67	1.28	6.29	30	0.48	13.08	
2417.30	-39.04	-37.83	1.21	6.29	32	0.51	13.01	
2417.35	-38.94	-37.83	1.11	6.29	30	0.48	12.91	
2417.40	-39.06	-38.00	1.06	6.29	44	0.70	12.86	
2417.45	-39.05	-38.17	0.88	6.29	34	0.54	12.68	
2417.50	-39.08	-38.33	0.75	6.29	44	0.70	12.55	
2417.55	-39.05	-38.33	0.72	6.29	58	0.92	12.52	
2417.60	-39.00	-38.50	0.50	6.29	42	0.67	12.30	
2417.65	-38.98	-38.50	0.48	6.29	46	0.73	12.28	
2417.70	-38.95	-38.33	0.62	6.29	30	0.48	12.42	
2417.75	-38.95	-38.50	0.45	6.29	26	0.41	12.25	
2417.80	-38.99	-38.67	0.32	6.29	44	0.70	12.12	
2417.85	-39.00	-38.67	0.33	6.29	50	0.79	12.13	
2417.90	-39.06	-39.33	-0.27	6.29	44	0.70	11.53	
2417.95	-39.03	-39.33	-0.30	6.29	30	0.48	11.50	
2418.00	-39.04	-39.83	-0.79	6.29	36	0.57	11.01	
2418.05	-39.10	-40.00	-0.90	6.29	32	0.51	10.90	
2418.10	-39.07	-40.17	-1.10	6.29	32	0.51	10.70	
2418.15	-39.09	-40.50	-1.41	6.29	32	0.51	10.39	
2418.20	-39.01	-40.17	-1.16	6.29	24	0.38	10.64	
2418.25	-39.24	-39.83	-0.59	6.29	26	0.41	11.21	
2418.30	-38.93	-39.67	-0.74	6.29	44	0.70	11.06	
2418.35	-38.95	-40.17	-1.22	6.29	57	0.91	10.58	
2418.40	-39.02	-39.50	-0.48	6.29	30	0.48	11.32	
2418.45	-38.98	-39.67	-0.69	6.29	32	0.51	11.11	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2418.50	-38.94	-39.50	-0.56	6.29	36	0.57	11.24	
2418.55	-38.96	-39.33	-0.37	6.29	34	0.54	11.43	
2418.60	-39.00	-39.17	-0.17	6.29	24	0.38	11.63	
2418.65	-39.03	-39.00	0.03	6.29	28	0.45	11.83	
2418.70	-39.24	-39.00	0.24	6.29	57	0.91	12.04	
2418.75	-39.03	-38.17	0.86	6.29	34	0.54	12.66	
2418.80	-39.01	-38.00	1.01	6.29	58	0.92	12.81	
2418.85	-38.95	-37.83	1.12	6.29	40	0.64	12.92	
2418.90	-38.95	-37.83	1.12	6.29	55	0.87	12.92	
2418.95	-39.01	-38.00	1.01	6.29	52	0.83	12.81	
2419.00	-38.93	-38.00	0.93	6.29	61	0.97	12.73	
2419.05	-38.96	-38.00	0.96	6.29	37	0.59	12.76	
2419.10	-38.97	-37.83	1.14	6.29	36	0.57	12.94	
2419.15	-38.99	-37.67	1.32	6.29	30	0.48	13.12	
2419.20	-39.01	-37.33	1.68	6.29	32	0.51	13.48	
2419.25	-39.13	-37.17	1.96	6.29	40	0.64	13.76	
2419.30	-38.99	-37.00	1.99	6.29	58	0.92	13.79	
2419.35	-38.99	-37.00	1.99	6.29	26	0.41	13.79	
2419.40	-39.19	-37.00	2.19	6.29	50	0.79	13.99	
2419.45	-38.98	-36.83	2.15	6.29	38	0.60	13.95	
2419.50	-39.02	-36.83	2.19	6.29	28	0.45	13.99	
2419.55	-39.10	-36.33	2.77	6.29	38	0.60	14.57	
2419.60	-39.10	-36.33	2.77	6.29	52	0.83	14.57	
2419.65	-39.10	-36.33	2.77	6.29	28	0.45	14.57	
2419.70	-39.11	-36.33	2.78	6.29	59	0.94	14.58	
2419.75	-39.24	-35.83	3.41	6.29	57	0.91	15.21	
2419.80	-39.22	-35.83	3.39	6.29	46	0.73	15.19	
2419.85	-39.24	-35.83	3.41	6.29	24	0.38	15.21	
2419.90	-39.29	-36.33	2.96	6.29	45	0.72	14.76	
2419.95	-39.33	-36.67	2.66	6.29	46	0.73	14.46	
2420.00	-39.27	-36.67	2.60	6.29	50	0.79	14.40	
2420.05	-39.33	-36.83	2.50	6.29	41	0.65	14.30	
2420.10	-39.34	-36.67	2.67	6.29	34	0.54	14.47	
2420.15	-39.22	-36.50	2.72	6.29	52	0.83	14.52	
2420.20	-39.20	-36.50	2.70	6.29	40	0.64	14.50	
2420.25	-39.26	-36.67	2.59	6.29	36	0.57	14.39	
2420.30	-39.21	-36.33	2.88	6.29	30	0.48	14.68	
2420.35	-39.25	-36.33	2.92	6.29	54	0.86	14.72	
2420.40	-39.27	-36.33	2.94	6.29	32	0.51	14.74	
2420.45	-39.19	-36.83	2.36	6.29	24	0.38	14.16	
2420.50	-39.17	-36.33	2.84	6.29	26	0.41	14.64	
2420.55	-38.92	-36.33	2.59	6.29	56	0.89	14.39	
2420.60	-39.17	-36.17	3.00	6.29	60	0.95	14.80	
2420.65	-39.12	-36.17	2.95	6.29	52	0.83	14.75	
2420.70	-39.07	-36.00	3.07	6.29	59	0.94	14.87	
2420.75	-39.19	-36.00	3.19	6.29	52	0.83	14.99	
2420.80	-39.15	-36.00	3.15	6.29	38	0.60	14.95	
2420.85	-39.17	-35.83	3.34	6.29	26	0.41	15.14	
2420.90	-39.11	-35.83	3.28	6.29	40	0.64	15.08	
2420.95	-39.13	-35.83	3.30	6.29	24	0.38	15.10	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2421.00	-39.16	-35.83	4.00	6.29	30	0.48	15.80	
2421.05	-39.18	-36.00	3.18	6.29	62	0.99	14.98	
2421.10	-38.92	-35.17	3.75	6.29	24	0.38	15.55	
2421.15	-39.06	-35.00	4.06	6.29	26	0.41	15.86	
2421.20	-39.08	-34.67	4.41	6.29	30	0.48	16.21	
2421.25	-39.02	-34.67	4.35	6.29	24	0.38	16.15	
2421.30	-39.09	-34.50	4.59	6.29	32	0.51	16.39	
2421.35	-39.22	-34.33	4.89	6.29	30	0.48	16.69	
2421.40	-38.72	-34.00	4.72	6.29	0	N/A	N/A	N/A
2421.45	-39.08	-34.17	4.91	6.29	0	N/A	N/A	N/A
2421.50	-39.05	-34.00	5.05	6.29	0	N/A	N/A	N/A
2421.55	-39.12	-34.00	5.12	6.29	0	N/A	N/A	N/A
2421.60	-39.15	-34.00	5.15	6.29	0	N/A	N/A	N/A
2421.65	-39.14	-34.00	5.14	6.29	0	N/A	N/A	N/A
2421.70	-39.10	-33.83	5.27	6.29	0	N/A	N/A	N/A
2421.75	-39.18	-33.83	5.35	6.29	0	N/A	N/A	N/A
2421.80	-39.13	-33.83	5.30	6.29	0	N/A	N/A	N/A
2421.85	-39.19	-33.83	5.36	6.29	0	N/A	N/A	N/A
2421.90	-39.20	-33.83	5.37	6.29	0	N/A	N/A	N/A
2421.95	-39.09	-33.83	5.26	6.29	0	N/A	N/A	N/A
2422.00	-38.96	-33.83	5.13	6.29	0	N/A	N/A	N/A
2422.05	-39.09	-34.17	4.92	6.29	0	N/A	N/A	N/A
2422.10	-39.08	-34.00	5.08	6.29	0	N/A	N/A	N/A
2422.15	-39.12	-33.83	5.29	6.29	0	N/A	N/A	N/A
2422.20	-39.12	-33.83	5.29	6.29	0	N/A	N/A	N/A
2422.25	-39.13	-34.00	5.13	6.29	0	N/A	N/A	N/A
2422.30	-39.12	-34.00	5.12	6.29	0	N/A	N/A	N/A
2422.35	-39.09	-34.00	5.09	6.29	0	N/A	N/A	N/A
2422.40	-39.10	-34.00	5.10	6.29	0	N/A	N/A	N/A
2422.45	-39.09	-34.00	5.09	6.29	0	N/A	N/A	N/A
2422.50	-39.14	-34.00	5.14	6.29	0	N/A	N/A	N/A
2422.55	-39.07	-34.00	5.07	6.29	0	N/A	N/A	N/A
2422.60	-39.09	-34.00	5.09	6.29	0	N/A	N/A	N/A
2422.65	-39.12	-34.00	5.12	6.29	0	N/A	N/A	N/A
2422.70	-38.96	-34.00	4.96	6.29	0	N/A	N/A	N/A
2422.75	-38.95	-34.00	4.95	6.29	0	N/A	N/A	N/A
2422.80	-39.00	-33.83	5.17	6.29	0	N/A	N/A	N/A
2422.85	-39.03	-33.83	5.20	6.29	0	N/A	N/A	N/A
2422.90	-39.06	-34.00	5.06	6.29	0	N/A	N/A	N/A
2422.95	-39.04	-33.83	5.21	6.29	0	N/A	N/A	N/A
2423.00	-38.88	-33.67	5.21	6.29	0	N/A	N/A	N/A

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'----' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2426.00	-45.54	-41.17	4.37	6.29	0	N/A	N/A	N/A
2426.05	-45.60	-40.83	4.77	6.29	0	N/A	N/A	N/A
2426.10	-45.59	-40.83	4.76	6.29	0	N/A	N/A	N/A
2426.15	-45.59	-40.67	4.92	6.29	0	N/A	N/A	N/A
2426.20	-45.52	-40.67	4.85	6.29	0	N/A	N/A	N/A
2426.25	-45.55	-40.83	4.72	6.29	0	N/A	N/A	N/A
2426.30	-45.55	-40.83	4.72	6.29	0	N/A	N/A	N/A
2426.35	-45.53	-40.67	4.86	6.29	0	N/A	N/A	N/A
2426.40	-45.53	-40.67	4.86	6.29	0	N/A	N/A	N/A
2426.45	-45.52	-40.67	4.85	6.29	0	N/A	N/A	N/A
2426.50	-45.52	-40.50	5.02	6.29	0	N/A	N/A	N/A
2426.55	-45.51	-40.33	5.18	6.29	0	N/A	N/A	N/A
2426.60	-45.54	-40.33	5.21	6.29	0	N/A	N/A	N/A
2426.65	-45.55	-40.50	5.05	6.29	0	N/A	N/A	N/A
2426.70	-45.55	-40.50	5.05	6.29	0	N/A	N/A	N/A
2426.75	-45.50	-40.50	5.00	6.29	0	N/A	N/A	N/A
2426.80	-45.53	-40.67	4.86	6.29	0	N/A	N/A	N/A
2426.85	-45.54	-40.83	4.71	6.29	0	N/A	N/A	N/A
2426.90	-45.51	-41.00	4.51	6.29	0	N/A	N/A	N/A
2426.95	-45.51	-40.50	5.01	6.29	0	N/A	N/A	N/A
2427.00	-45.54	-40.67	4.87	6.29	0	N/A	N/A	N/A
2427.05	-45.44	-40.67	4.77	6.29	0	N/A	N/A	N/A
2427.10	-45.48	-40.83	4.65	6.29	0	N/A	N/A	N/A
2427.15	-45.51	-40.83	4.68	6.29	0	N/A	N/A	N/A
2427.20	-45.38	-40.50	4.88	6.29	0	N/A	N/A	N/A
2427.25	-45.42	-41.33	4.09	6.29	0	N/A	N/A	N/A
2427.30	-45.41	-40.50	4.91	6.29	0	N/A	N/A	N/A
2427.35	-45.43	-40.50	4.93	6.29	0	N/A	N/A	N/A
2427.40	-45.49	-40.50	4.99	6.29	0	N/A	N/A	N/A
2427.45	-45.44	-40.50	4.94	6.29	0	N/A	N/A	N/A
2427.50	-45.45	-40.50	4.95	6.29	0	N/A	N/A	N/A
2427.55	-45.46	-40.50	4.96	6.29	0	N/A	N/A	N/A
2427.60	-45.35	-40.33	5.02	6.29	0	N/A	N/A	N/A
2427.65	-45.36	-40.33	5.03	6.29	0	N/A	N/A	N/A
2427.70	-45.46	-40.67	4.79	6.29	0	N/A	N/A	N/A
2427.75	-45.52	-40.67	4.85	6.29	0	N/A	N/A	N/A
2427.80	-45.47	-40.50	4.97	6.29	0	N/A	N/A	N/A
2427.85	-45.47	-40.67	4.80	6.29	0	N/A	N/A	N/A
2427.90	-45.57	-40.83	4.74	6.29	0	N/A	N/A	N/A
2427.95	-45.57	-40.67	4.90	6.29	0	N/A	N/A	N/A
2428.00	-45.47	-40.67	4.80	6.29	0	N/A	N/A	N/A
2428.05	-45.41	-40.83	4.58	6.29	0	N/A	N/A	N/A
2428.10	-45.57	-40.83	4.74	6.29	0	N/A	N/A	N/A
2428.15	-45.52	-40.83	4.69	6.29	0	N/A	N/A	N/A
2428.20	-45.57	-41.00	4.57	6.29	0	N/A	N/A	N/A
2428.25	-45.38	-41.00	4.38	6.29	0	N/A	N/A	N/A
2428.30	-45.46	-41.00	4.46	6.29	0	N/A	N/A	N/A
2428.35	-45.53	-40.50	5.03	6.29	0	N/A	N/A	N/A
2428.40	-44.99	-40.00	4.99	6.29	0	N/A	N/A	N/A
2428.45	-45.00	-40.33	4.67	6.29	16	0.25	16.47	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2428.50	-45.36	-40.83	4.53	6.29	0	N/A	N/A	N/A
2428.55	-45.30	-40.83	4.47	6.29	0	N/A	N/A	N/A
2428.60	-45.30	-41.00	4.30	6.29	56	0.89	16.10	
2428.65	-45.40	-41.00	4.40	6.29	52	0.83	16.20	
2428.70	-45.38	-41.50	3.88	6.29	53	0.84	15.68	
2428.75	-45.28	-41.33	3.95	6.29	54	0.86	15.75	
2428.80	-45.30	-41.17	4.13	6.29	42	0.67	15.93	
2428.85	-45.52	-41.83	3.69	6.29	26	0.41	15.49	
2428.90	-45.46	-42.33	3.13	6.29	42	0.67	14.93	
2428.95	-45.44	-42.17	3.27	6.29	42	0.67	15.07	
2429.00	-45.53	-42.50	3.03	6.29	53	0.84	14.83	
2429.05	-45.49	-42.50	2.99	6.29	30	0.48	14.79	
2429.10	-45.42	-42.67	2.75	6.29	52	0.83	14.55	
2429.15	-45.51	-42.67	2.84	6.29	40	0.64	14.64	
2429.20	-45.51	-42.67	2.84	6.29	42	0.67	14.64	
2429.25	-45.27	-42.50	2.77	6.29	34	0.54	14.57	
2429.30	-45.28	-42.83	2.45	6.29	32	0.51	14.25	
2429.35	-45.06	-42.50	2.56	6.29	42	0.67	14.36	
2429.40	-45.22	-43.00	2.22	6.29	44	0.70	14.02	
2429.45	-45.16	-43.17	1.99	6.29	34	0.54	13.79	
2429.50	-44.94	-43.00	1.94	6.29	36	0.57	13.74	
2429.55	-45.29	-43.67	1.62	6.29	50	0.79	13.42	
2429.60	-45.36	-44.17	1.19	6.29	48	0.76	12.99	
2429.65	-44.83	-43.33	1.50	6.29	38	0.60	13.30	
2429.70	-44.80	-43.50	1.30	6.29	34	0.54	13.10	
2429.75	-44.76	-43.83	0.93	6.29	24	0.38	12.73	
2429.80	-45.18	-44.17	1.01	6.29	42	0.67	12.81	
2429.85	-45.19	-44.17	1.02	6.29	50	0.79	12.82	
2429.90	-45.38	-44.33	1.05	6.29	54	0.86	12.85	
2429.95	-45.29	-44.33	0.96	6.29	24	0.38	12.76	
2430.00	-45.28	-44.50	0.78	6.29	59	0.94	12.58	
2430.05	-45.30	-44.00	1.30	6.29	46	0.73	13.10	
2430.10	-45.35	-44.33	1.02	6.29	26	0.41	12.82	
2430.15	-45.33	-43.67	1.66	6.29	38	0.60	13.46	
2430.20	-45.31	-43.83	1.48	6.29	54	0.86	13.28	
2430.25	-45.26	-44.00	1.26	6.29	62	0.99	13.06	
2430.30	-45.31	-44.00	1.31	6.29	40	0.64	13.11	
2430.35	-45.30	-44.00	1.30	6.29	52	0.83	13.10	
2430.40	-45.25	-44.17	1.08	6.29	48	0.76	12.88	
2430.45	-45.39	-44.33	1.06	6.29	46	0.73	12.86	
2430.50	-45.28	-44.50	0.78	6.29	50	0.79	12.58	
2430.55	-45.31	-44.67	0.64	6.29	38	0.60	12.44	
2430.60	-45.29	-44.67	0.62	6.29	26	0.41	12.42	
2430.65	-45.21	-44.67	0.54	6.29	44	0.70	12.34	
2430.70	-45.35	-44.83	0.52	6.29	40	0.64	12.32	
2430.75	-45.30	-44.83	0.47	6.29	40	0.64	12.27	
2430.80	-45.29	-45.00	0.29	6.29	28	0.45	12.09	
2430.85	-45.21	-45.00	0.21	6.29	30	0.48	12.01	
2430.90	-45.32	-45.17	0.15	6.29	60	0.95	11.95	
2430.95	-45.19	-45.00	0.19	6.29	38	0.60	11.99	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2431.00	-45.26	-45.00	0.26	6.29	50	0.79	12.06	
2431.05	-45.18	-45.00	0.18	6.29	28	0.45	11.98	
2431.10	-45.27	-45.00	0.27	6.29	40	0.64	12.07	
2431.15	-45.29	-45.00	0.29	6.29	32	0.51	12.09	
2431.20	-45.19	-44.67	0.52	6.29	28	0.45	12.32	
2431.25	-45.29	-44.50	0.79	6.29	28	0.45	12.59	
2431.30	-45.20	-44.33	0.87	6.29	54	0.86	12.67	
2431.35	-45.19	-44.33	0.86	6.29	28	0.45	12.66	
2431.40	-45.26	-44.67	0.59	6.29	26	0.41	12.39	
2431.45	-45.23	-44.17	1.06	6.29	40	0.64	12.86	
2431.50	-45.20	-44.17	1.03	6.29	34	0.54	12.83	
2431.55	-45.29	-44.33	0.96	6.29	56	0.89	12.76	
2431.60	-45.22	-44.67	0.55	6.29	26	0.41	12.35	
2431.65	-45.33	-44.83	0.50	6.29	56	0.89	12.30	
2431.70	-45.14	-44.83	0.31	6.29	44	0.70	12.11	
2431.75	-45.19	-45.17	0.02	6.29	24	0.38	11.82	
2431.80	-45.20	-45.33	-0.13	6.29	30	0.48	11.67	
2431.85	-44.78	-44.67	0.11	6.29	46	0.73	11.91	
2431.90	-45.26	-45.33	-0.07	6.29	30	0.48	11.73	
2431.95	-45.33	-46.00	-0.67	6.29	36	0.57	11.13	
2432.00	-45.43	-46.67	-1.24	6.29	46	0.73	10.56	
2432.05	-45.44	-46.67	-1.23	6.29	48	0.76	10.57	
2432.10	-45.41	-46.83	-1.42	6.29	36	0.57	10.38	
2432.15	-45.40	-46.83	-1.43	6.29	44	0.70	10.37	
2432.20	-45.30	-46.50	-1.20	6.29	52	0.83	10.60	
2432.25	-45.18	-46.67	-1.49	6.29	54	0.86	10.31	
2432.30	-45.07	-46.50	-1.43	6.29	36	0.57	10.37	
2432.35	-45.13	-46.67	-1.54	6.29	38	0.60	10.26	
2432.40	-45.12	-46.33	-1.21	6.29	62	0.99	10.59	
2432.45	-45.04	-46.50	-1.46	6.29	36	0.57	10.34	
2432.50	-45.08	-46.50	-1.42	6.29	24	0.38	10.38	
2432.55	-45.19	-46.33	-1.14	6.29	24	0.38	10.66	
2432.60	-45.05	-45.67	-0.62	6.29	50	0.79	11.18	
2432.65	-44.94	-45.50	-0.56	6.29	32	0.51	11.24	
2432.70	-44.95	-45.67	-0.72	6.29	38	0.60	11.08	
2432.75	-45.09	-45.50	-0.41	6.29	28	0.45	11.39	
2432.80	-45.11	-45.33	-0.22	6.29	40	0.64	11.58	
2432.85	-44.98	-45.33	-0.35	6.29	24	0.38	11.45	
2432.90	-44.85	-45.50	-0.65	6.29	32	0.51	11.15	
2432.95	-44.92	-45.67	-0.75	6.29	60	0.95	11.05	
2433.00	-44.96	-46.67	-1.71	6.29	53	0.84	10.09	
2433.05	-45.05	-46.33	-1.28	6.29	42	0.67	10.52	
2433.10	-45.06	-46.67	-1.61	6.29	30	0.48	10.19	
2433.15	-44.94	-46.33	-1.39	6.29	52	0.83	10.41	
2433.20	-44.95	-46.33	-1.38	6.29	24	0.38	10.42	
2433.25	-44.92	-46.33	-1.41	6.29	26	0.41	10.39	
2433.30	-45.09	-46.50	-1.41	6.29	30	0.48	10.39	
2433.35	-45.00	-46.00	-1.00	6.29	30	0.48	10.80	
2433.40	-44.95	-46.00	-1.05	6.29	42	0.67	10.75	
2433.45	-44.91	-46.00	-1.09	6.29	54	0.86	10.71	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2433.50	-45.10	-46.50	-1.40	6.29	50	0.79	10.40	
2433.55	-44.90	-46.00	-1.10	6.29	54	0.86	10.70	
2433.60	-44.97	-45.83	-0.86	6.29	34	0.54	10.94	
2433.65	-44.98	-45.33	-0.35	6.29	44	0.70	11.45	
2433.70	-45.13	-46.00	-0.87	6.29	24	0.38	10.93	
2433.75	-45.11	-45.33	-0.22	6.29	42	0.67	11.58	
2433.80	-45.03	-45.50	-0.47	6.29	28	0.45	11.33	
2433.85	-45.14	-46.17	-1.03	6.29	44	0.70	10.77	
2433.90	-44.87	-46.00	-1.13	6.29	36	0.57	10.67	
2433.95	-44.93	-46.00	-1.07	6.29	30	0.48	10.73	
2434.00	-45.04	-46.50	-1.46	6.29	45	0.72	10.34	
2434.05	-44.97	-46.50	-1.53	6.29	34	0.54	10.27	
2434.10	-45.06	-46.33	-1.27	6.29	54	0.86	10.53	
2434.15	-45.15	-46.67	-1.52	6.29	56	0.89	10.28	
2434.20	-45.18	-46.50	-1.32	6.29	42	0.67	10.48	
2434.25	-44.94	-46.50	-1.56	6.29	44	0.70	10.24	
2434.30	-44.88	-46.50	-1.62	6.29	38	0.60	10.18	
2434.35	-45.31	-46.83	-1.52	6.29	48	0.76	10.28	
2434.40	-44.86	-46.67	-1.81	6.29	56	0.89	9.99	---
2434.45	-44.85	-46.67	-1.82	6.29	56	0.89	9.98	---
2434.50	-44.88	-47.33	-2.45	6.29	60	0.95	9.35	---
2434.55	-44.93	-47.17	-2.24	6.29	26	0.41	9.56	---
2434.60	-44.88	-47.00	-2.12	6.29	46	0.73	9.68	---
2434.65	-44.90	-47.17	-2.27	6.29	44	0.70	9.53	---
2434.70	-44.99	-47.17	-2.18	6.29	26	0.41	9.62	---
2434.75	-44.87	-46.67	-1.80	6.29	48	0.76	10.00	---
2434.80	-44.94	-46.33	-1.39	6.29	46	0.73	10.41	
2434.85	-44.93	-46.33	-1.40	6.29	40	0.64	10.40	
2434.90	-44.92	-46.67	-1.75	6.29	46	0.73	10.05	
2434.95	-44.93	-46.83	-1.90	6.29	48	0.76	9.90	---
2435.00	-44.95	-47.00	-2.05	6.29	38	0.60	9.75	---
2435.05	-44.97	-47.00	-2.03	6.29	26	0.41	9.77	---
2435.10	-44.89	-47.00	-2.11	6.29	24	0.38	9.69	---
2435.15	-44.90	-47.17	-2.27	6.29	32	0.51	9.53	---
2435.20	-44.85	-47.33	-2.48	6.29	46	0.73	9.32	---
2435.25	-44.88	-47.33	-2.45	6.29	62	0.99	9.35	---
2435.30	-44.97	-47.50	-2.53	6.29	30	0.48	9.27	---
2435.35	-44.79	-47.17	-2.38	6.29	44	0.70	9.42	---
2435.40	-44.80	-47.33	-2.53	6.29	24	0.38	9.27	---
2435.45	-44.93	-47.17	-2.24	6.29	56	0.89	9.56	---
2435.50	-44.96	-47.17	-2.21	6.29	36	0.57	9.59	---
2435.55	-44.78	-46.67	-1.89	6.29	52	0.83	9.91	---
2435.60	-44.91	-46.33	-1.42	6.29	24	0.38	10.38	
2435.65	-45.25	-46.50	-1.25	6.29	24	0.38	10.55	
2435.70	-45.21	-46.00	-0.79	6.29	40	0.64	11.01	
2435.75	-45.41	-46.17	-0.76	6.29	62	0.99	11.04	
2435.80	-44.98	-45.67	-0.69	6.29	34	0.54	11.11	
2435.85	-44.86	-45.67	-0.81	6.29	42	0.67	10.99	
2435.90	-44.93	-45.83	-0.90	6.29	48	0.76	10.90	
2435.95	-44.90	-46.00	-1.10	6.29	46	0.73	10.70	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2436.00	-44.87	-46.17	-1.30	6.29	32	0.51	10.50	
2436.05	-44.95	-46.33	-1.38	6.29	56	0.89	10.42	
2436.10	-44.85	-46.00	-1.15	6.29	34	0.54	10.65	
2436.15	-44.80	-46.00	-1.20	6.29	46	0.73	10.60	
2436.20	-44.94	-46.17	-1.23	6.29	62	0.99	10.57	
2436.25	-45.00	-46.67	-1.67	6.29	42	0.67	10.13	
2436.30	-44.96	-46.83	-1.87	6.29	52	0.83	9.93	---
2436.35	-44.90	-46.83	-1.93	6.29	60	0.95	9.87	---
2436.40	-44.84	-47.00	-2.16	6.29	50	0.79	9.64	---
2436.45	-44.80	-46.50	-1.70	6.29	52	0.83	10.10	
2436.50	-45.16	-47.00	-1.84	6.29	46	0.73	9.96	---
2436.55	-44.93	-46.17	-1.24	6.29	42	0.67	10.56	
2436.60	-44.92	-46.50	-1.58	6.29	58	0.92	10.22	
2436.65	-44.87	-46.83	-1.96	6.29	44	0.70	9.84	---
2436.70	-44.91	-47.17	-2.26	6.29	46	0.73	9.54	---
2436.75	-44.88	-47.33	-2.45	6.29	58	0.92	9.35	---
2436.80	-44.92	-47.50	-2.58	6.29	58	0.92	9.22	---
2436.85	-45.55	-48.33	-2.78	6.29	62	0.99	9.02	---
2436.90	-45.51	-48.50	-2.99	6.29	44	0.70	8.81	---
2436.95	-45.46	-48.67	-3.21	6.29	28	0.45	8.59	---
2437.00	-45.49	-49.00	-3.51	6.29	56	0.89	8.29	---
2437.05	-45.51	-48.67	-3.16	6.29	37	0.59	8.64	---
2437.10	-45.49	-48.50	-3.01	6.29	42	0.67	8.79	---
2437.15	-45.58	-48.33	-2.75	6.29	24	0.38	9.05	---
2437.20	-44.96	-47.67	-2.71	6.29	48	0.76	9.09	---
2437.25	-45.12	-48.33	-3.21	6.29	38	0.60	8.59	---
2437.30	-44.87	-47.17	-2.30	6.29	28	0.45	9.50	---
2437.35	-44.93	-47.00	-2.07	6.29	50	0.79	9.73	---
2437.40	-44.89	-46.67	-1.78	6.29	42	0.67	10.02	***
2437.45	-44.78	-46.67	-1.89	6.29	46	0.73	9.91	---
2437.50	-45.12	-47.33	-2.21	6.29	36	0.57	9.59	---
2437.55	-44.86	-47.00	-2.14	6.29	52	0.83	9.66	---
2437.60	-44.80	-47.00	-2.20	6.29	56	0.89	9.60	---
2437.65	-44.87	-47.33	-2.46	6.29	54	0.86	9.34	---
2437.70	-44.80	-47.50	-2.70	6.29	42	0.67	9.10	---
2437.75	-45.40	-47.83	-2.43	6.29	62	0.99	9.37	---
2437.80	-44.91	-47.00	-2.09	6.29	28	0.45	9.71	---
2437.85	-44.81	-46.50	-1.69	6.29	54	0.86	10.11	
2437.90	-44.93	-46.67	-1.74	6.29	24	0.38	10.06	
2437.95	-44.76	-46.17	-1.41	6.29	56	0.89	10.39	
2438.00	-44.85	-46.17	-1.32	6.29	50	0.79	10.48	
2438.05	-44.90	-45.83	-0.93	6.29	50	0.79	10.87	
2438.10	-44.94	-45.83	-0.89	6.29	24	0.38	10.91	
2438.15	-44.88	-45.50	-0.62	6.29	60	0.95	11.18	
2438.20	-44.82	-45.17	-0.35	6.29	28	0.45	11.45	
2438.25	-44.87	-45.33	-0.46	6.29	58	0.92	11.34	
2438.30	-44.89	-45.67	-0.78	6.29	30	0.48	11.02	
2438.35	-44.89	-45.50	-0.61	6.29	30	0.48	11.19	
2438.40	-44.88	-45.50	-0.62	6.29	56	0.89	11.18	
2438.45	-44.89	-45.67	-0.78	6.29	46	0.73	11.02	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2438.50	-45.37	-46.67	-1.30	6.29	46	0.73	10.50	
2438.55	-44.77	-46.17	-1.40	6.29	30	0.48	10.40	
2438.60	-44.77	-46.33	-1.56	6.29	42	0.67	10.24	
2438.65	-44.86	-46.50	-1.64	6.29	48	0.76	10.16	
2438.70	-44.88	-46.50	-1.62	6.29	24	0.38	10.18	
2438.75	-44.89	-46.50	-1.61	6.29	30	0.48	10.19	
2438.80	-44.83	-46.17	-1.34	6.29	36	0.57	10.46	
2438.85	-44.83	-46.17	-1.34	6.29	62	0.99	10.46	
2438.90	-44.79	-46.17	-1.38	6.29	26	0.41	10.42	
2438.95	-44.85	-46.17	-1.32	6.29	36	0.57	10.48	
2439.00	-44.89	-45.83	-0.94	6.29	30	0.48	10.86	
2439.05	-44.97	-46.00	-1.03	6.29	36	0.57	10.77	
2439.10	-45.05	-46.17	-1.12	6.29	26	0.41	10.68	
2439.15	-44.89	-46.00	-1.11	6.29	26	0.41	10.69	
2439.20	-44.81	-45.67	-0.86	6.29	24	0.38	10.94	
2439.25	-44.86	-45.50	-0.64	6.29	56	0.89	11.16	
2439.30	-44.91	-45.83	-0.92	6.29	54	0.86	10.88	
2439.35	-45.41	-47.00	-1.59	6.29	56	0.89	10.21	
2439.40	-44.93	-46.50	-1.57	6.29	60	0.95	10.23	
2439.45	-44.82	-46.67	-1.85	6.29	44	0.70	9.95	---
2439.50	-45.31	-47.83	-2.52	6.29	62	0.99	9.28	---
2439.55	-44.84	-47.17	-2.33	6.29	28	0.45	9.47	---
2439.60	-45.36	-48.00	-2.64	6.29	62	0.99	9.16	---
2439.65	-45.28	-48.00	-2.72	6.29	24	0.38	9.08	---
2439.70	-45.34	-47.67	-2.33	6.29	34	0.54	9.47	---
2439.75	-45.14	-48.17	-3.03	6.29	34	0.54	8.77	---
2439.80	-45.29	-47.50	-2.21	6.29	24	0.38	9.59	---
2439.85	-44.98	-47.67	-2.69	6.29	54	0.86	9.11	---
2439.90	-45.34	-47.50	-2.16	6.29	61	0.97	9.64	---
2439.95	-45.42	-47.50	-2.08	6.29	50	0.79	9.72	---
2440.00	-45.38	-47.67	-2.29	6.29	60	0.95	9.51	---
2440.05	-45.39	-47.50	-2.11	6.29	41	0.65	9.69	---
2440.10	-45.45	-47.50	-2.05	6.29	46	0.73	9.75	---
2440.15	-44.97	-46.67	-1.70	6.29	24	0.38	10.10	
2440.20	-45.38	-47.00	-1.62	6.29	32	0.51	10.18	
2440.25	-44.94	-46.33	-1.39	6.29	48	0.76	10.41	
2440.30	-45.01	-46.83	-1.82	6.29	44	0.70	9.98	---
2440.35	-45.12	-46.67	-1.55	6.29	47	0.75	10.25	
2440.40	-44.97	-46.83	-1.86	6.29	38	0.60	9.94	---
2440.45	-45.28	-47.00	-1.72	6.29	62	0.99	10.08	
2440.50	-45.19	-47.17	-1.98	6.29	34	0.54	9.82	---
2440.55	-45.27	-47.17	-1.90	6.29	62	0.99	9.90	---
2440.60	-45.20	-47.17	-1.97	6.29	48	0.76	9.83	---
2440.65	-45.23	-47.00	-1.77	6.29	26	0.41	10.03	
2440.70	-44.99	-46.83	-1.84	6.29	22	0.35	9.96	---
2440.75	-45.06	-46.67	-1.61	6.29	22	0.35	10.19	
2440.80	-45.26	-46.33	-1.07	6.29	28	0.45	10.73	
2440.85	-44.98	-46.50	-1.52	6.29	18	0.29	10.28	
2440.90	-44.99	-46.33	-1.34	6.29	24	0.38	10.46	
2440.95	-45.18	-46.00	-0.82	6.29	50	0.79	10.98	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2441.00	-45.10	-46.17	-1.07	6.29	24	0.38	10.73	
2441.05	-45.15	-46.17	-1.02	6.29	34	0.54	10.78	
2441.10	-45.15	-46.50	-1.35	6.29	30	0.48	10.45	
2441.15	-44.93	-45.17	-0.24	6.29	52	0.83	11.56	
2441.20	-45.10	-45.17	-0.07	6.29	54	0.86	11.73	
2441.25	-44.90	-45.50	-0.60	6.29	56	0.89	11.20	
2441.30	-45.06	-45.17	-0.11	6.29	59	0.94	11.69	
2441.35	-45.00	-45.33	-0.33	6.29	46	0.73	11.47	
2441.40	-45.09	-45.50	-0.41	6.29	32	0.51	11.39	
2441.45	-44.96	-45.33	-0.37	6.29	62	0.99	11.43	
2441.50	-45.24	-45.83	-0.59	6.29	36	0.57	11.21	
2441.55	-45.17	-45.83	-0.66	6.29	30	0.48	11.14	
2441.60	-45.05	-46.17	-1.12	6.29	58	0.92	10.68	
2441.65	-45.08	-46.33	-1.25	6.29	42	0.67	10.55	
2441.70	-45.03	-46.33	-1.30	6.29	28	0.45	10.50	
2441.75	-44.96	-46.33	-1.37	6.29	32	0.51	10.43	
2441.80	-45.01	-46.83	-1.82	6.29	24	0.38	9.98	---
2441.85	-45.01	-46.33	-1.32	6.29	54	0.86	10.48	
2441.90	-45.00	-46.67	-1.67	6.29	46	0.73	10.13	
2441.95	-45.04	-46.33	-1.29	6.29	38	0.60	10.51	
2442.00	-45.02	-46.33	-1.31	6.29	46	0.73	10.49	
2442.05	-45.08	-46.50	-1.42	6.29	53	0.84	10.38	
2442.10	-45.07	-46.17	-1.10	6.29	24	0.38	10.70	
2442.15	-44.91	-45.33	-0.42	6.29	28	0.45	11.38	
2442.20	-45.09	-44.83	0.26	6.29	62	0.99	12.06	
2442.25	-44.88	-44.67	0.21	6.29	44	0.70	12.01	
2442.30	-45.01	-45.00	0.01	6.29	24	0.38	11.81	
2442.35	-45.07	-44.83	0.24	6.29	44	0.70	12.04	
2442.40	-45.04	-45.17	-0.13	6.29	36	0.57	11.67	
2442.45	-44.93	-44.50	0.43	6.29	24	0.38	12.23	
2442.50	-45.07	-44.67	0.40	6.29	40	0.64	12.20	
2442.55	-45.14	-44.83	0.31	6.29	40	0.64	12.11	
2442.60	-45.08	-45.17	-0.09	6.29	56	0.89	11.71	
2442.65	-45.08	-45.17	-0.09	6.29	56	0.89	11.71	
2442.70	-44.99	-45.33	-0.34	6.29	52	0.83	11.46	
2442.75	-44.99	-45.50	-0.51	6.29	50	0.79	11.29	
2442.80	-45.03	-45.67	-0.64	6.29	40	0.64	11.16	
2442.85	-44.97	-45.50	-0.53	6.29	56	0.89	11.27	
2442.90	-45.01	-45.67	-0.66	6.29	46	0.73	11.14	
2442.95	-44.99	-45.67	-0.68	6.29	54	0.86	11.12	
2443.00	-44.89	-46.00	-1.11	6.29	50	0.79	10.69	
2443.05	-44.95	-46.17	-1.22	6.29	53	0.84	10.58	
2443.10	-45.01	-46.50	-1.49	6.29	30	0.48	10.31	
2443.15	-44.93	-45.67	-0.74	6.29	24	0.38	11.06	
2443.20	-44.94	-45.83	-0.89	6.29	48	0.76	10.91	
2443.25	-44.94	-46.00	-1.06	6.29	16	0.25	10.74	
2443.30	-45.00	-46.00	-1.00	6.29	61	0.97	10.80	
2443.35	-44.92	-45.50	-0.58	6.29	59	0.94	11.22	
2443.40	-44.93	-45.17	-0.24	6.29	60	0.95	11.56	
2443.45	-44.93	-45.17	-0.24	6.29	58	0.92	11.56	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2443.50	-45.03	-45.17	-0.14	6.29	22	0.35	11.66	
2443.55	-44.87	-44.50	0.37	6.29	48	0.76	12.17	
2443.60	-45.00	-44.67	0.33	6.29	44	0.70	12.13	
2443.65	-44.94	-44.00	0.94	6.29	48	0.76	12.74	
2443.70	-45.05	-44.33	0.72	6.29	20	0.32	12.52	
2443.75	-44.95	-43.83	1.12	6.29	56	0.89	12.92	
2443.80	-44.80	-43.50	1.30	6.29	24	0.38	13.10	
2443.85	-44.98	-43.50	1.48	6.29	44	0.70	13.28	
2443.90	-45.03	-43.67	1.36	6.29	52	0.83	13.16	
2443.95	-45.07	-43.83	1.24	6.29	32	0.51	13.04	
2444.00	-45.02	-44.00	1.02	6.29	40	0.64	12.82	
2444.05	-45.02	-43.50	1.52	6.29	50	0.79	13.32	
2444.10	-44.94	-43.67	1.27	6.29	26	0.41	13.07	
2444.15	-45.09	-43.33	1.76	6.29	62	0.99	13.56	
2444.20	-45.10	-43.50	1.60	6.29	54	0.86	13.40	
2444.25	-45.09	-43.50	1.59	6.29	24	0.38	13.39	
2444.30	-45.13	-43.17	1.96	6.29	46	0.73	13.76	
2444.35	-45.13	-43.33	1.80	6.29	18	0.29	13.60	
2444.40	-45.05	-43.17	1.88	6.29	22	0.35	13.68	
2444.45	-45.09	-43.00	2.09	6.29	54	0.86	13.89	
2444.50	-45.16	-43.17	1.99	6.29	24	0.38	13.79	
2444.55	-45.09	-43.17	1.92	6.29	34	0.54	13.72	
2444.60	-45.00	-42.83	2.17	6.29	18	0.29	13.97	
2444.65	-45.17	-42.67	2.50	6.29	58	0.92	14.30	
2444.70	-44.96	-42.33	2.63	6.29	60	0.95	14.43	
2444.75	-44.99	-42.33	2.66	6.29	16	0.25	14.46	
2444.80	-45.09	-42.00	3.09	6.29	58	0.92	14.89	
2444.85	-45.09	-42.33	2.76	6.29	52	0.83	14.56	
2444.90	-45.14	-42.67	2.47	6.29	54	0.86	14.27	
2444.95	-45.20	-42.67	2.53	6.29	18	0.29	14.33	
2445.00	-45.00	-42.83	2.17	6.29	36	0.57	13.97	
2445.05	-45.12	-43.00	2.12	6.29	20	0.32	13.92	
2445.10	-45.16	-42.67	2.49	6.29	34	0.54	14.29	
2445.15	-45.04	-42.83	2.21	6.29	60	0.95	14.01	
2445.20	-45.02	-42.67	2.35	6.29	44	0.70	14.15	
2445.25	-45.00	-42.33	2.67	6.29	34	0.54	14.47	
2445.30	-44.95	-42.33	2.62	6.29	43	0.68	14.42	
2445.35	-45.13	-42.83	2.30	6.29	42	0.67	14.10	
2445.40	-44.99	-42.67	2.32	6.29	50	0.79	14.12	
2445.45	-45.09	-42.67	2.42	6.29	30	0.48	14.22	
2445.50	-45.02	-42.67	2.35	6.29	14	0.22	14.15	
2445.55	-45.13	-41.67	3.46	6.29	20	0.32	15.26	
2445.60	-45.01	-41.83	3.18	6.29	22	0.35	14.98	
2445.65	-44.99	-41.50	3.49	6.29	18	0.29	15.29	
2445.70	-45.07	-41.17	3.90	6.29	28	0.45	15.70	
2445.75	-45.11	-40.67	4.44	6.29	30	0.48	16.24	
2445.80	-45.14	-40.83	4.31	6.29	18	0.29	16.11	
2445.85	-45.16	-40.33	4.83	6.29	48	0.76	16.63	
2445.90	-45.03	-40.33	4.70	6.29	20	0.32	16.50	
2445.95	-45.07	-40.33	4.74	6.29	16	0.25	16.54	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2446.00	-45.15	-40.17	4.98	6.29	0	N/A	N/A	N/A
2446.05	-45.12	-40.00	5.12	6.29	0	N/A	N/A	N/A
2446.10	-45.11	-40.17	4.94	6.29	0	N/A	N/A	N/A
2446.15	-45.18	-40.17	5.01	6.29	0	N/A	N/A	N/A
2446.20	-45.13	-40.17	4.96	6.29	0	N/A	N/A	N/A
2446.25	-45.20	-40.17	5.03	6.29	0	N/A	N/A	N/A
2446.30	-45.21	-40.00	5.21	6.29	0	N/A	N/A	N/A
2446.35	-45.18	-39.83	5.35	6.29	0	N/A	N/A	N/A
2446.40	-45.22	-40.00	5.22	6.29	0	N/A	N/A	N/A
2446.45	-45.12	-40.00	5.12	6.29	0	N/A	N/A	N/A
2446.50	-45.14	-40.00	5.14	6.29	0	N/A	N/A	N/A
2446.55	-45.07	-40.00	5.07	6.29	0	N/A	N/A	N/A
2446.60	-45.12	-40.00	5.12	6.29	0	N/A	N/A	N/A
2446.65	-45.11	-40.00	5.11	6.29	0	N/A	N/A	N/A
2446.70	-45.17	-40.17	5.00	6.29	0	N/A	N/A	N/A
2446.75	-45.26	-40.33	4.93	6.29	0	N/A	N/A	N/A
2446.80	-45.23	-40.33	4.90	6.29	0	N/A	N/A	N/A
2446.85	-45.23	-40.50	4.73	6.29	0	N/A	N/A	N/A
2446.90	-45.35	-40.67	4.68	6.29	0	N/A	N/A	N/A
2446.95	-45.10	-40.50	4.60	6.29	0	N/A	N/A	N/A
2447.00	-45.09	-40.67	4.42	6.29	0	N/A	N/A	N/A
2447.05	-45.19	-40.33	4.86	6.29	0	N/A	N/A	N/A
2447.10	-45.27	-40.67	4.60	6.29	0	N/A	N/A	N/A
2447.15	-45.23	-40.67	4.56	6.29	0	N/A	N/A	N/A
2447.20	-45.09	-40.67	4.42	6.29	0	N/A	N/A	N/A
2447.25	-45.10	-40.33	4.77	6.29	0	N/A	N/A	N/A
2447.30	-45.10	-40.17	4.93	6.29	0	N/A	N/A	N/A
2447.35	-45.12	-40.33	4.79	6.29	0	N/A	N/A	N/A
2447.40	-45.18	-40.50	4.68	6.29	0	N/A	N/A	N/A
2447.45	-45.17	-40.67	4.50	6.29	0	N/A	N/A	N/A
2447.50	-45.14	-40.17	4.97	6.29	0	N/A	N/A	N/A
2447.55	-45.15	-40.50	4.65	6.29	0	N/A	N/A	N/A
2447.60	-45.19	-40.83	4.36	6.29	0	N/A	N/A	N/A
2447.65	-45.08	-40.67	4.41	6.29	0	N/A	N/A	N/A
2447.70	-45.08	-40.17	4.91	6.29	0	N/A	N/A	N/A
2447.75	-45.11	-40.33	4.78	6.29	0	N/A	N/A	N/A
2447.80	-45.14	-40.50	4.64	6.29	0	N/A	N/A	N/A
2447.85	-45.17	-40.67	4.50	6.29	0	N/A	N/A	N/A
2447.90	-45.27	-40.17	5.10	6.29	0	N/A	N/A	N/A
2447.95	-45.18	-40.17	5.01	6.29	0	N/A	N/A	N/A
2448.00	-45.30	-40.50	4.80	6.29	0	N/A	N/A	N/A

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).
'---' Discarded worst 20% of available J/S data points.
'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2451.00	-46.92	-41.83	5.09	6.29	0	N/A	N/A	N/A
2451.05	-46.94	-42.00	4.94	6.29	0	N/A	N/A	N/A
2451.10	-46.74	-42.00	4.74	6.29	0	N/A	N/A	N/A
2451.15	-46.74	-42.17	4.57	6.29	0	N/A	N/A	N/A
2451.20	-46.80	-41.83	4.97	6.29	0	N/A	N/A	N/A
2451.25	-46.71	-41.83	4.88	6.29	0	N/A	N/A	N/A
2451.30	-46.74	-42.00	4.74	6.29	0	N/A	N/A	N/A
2451.35	-46.79	-42.33	4.46	6.29	0	N/A	N/A	N/A
2451.40	-46.75	-42.00	4.75	6.29	0	N/A	N/A	N/A
2451.45	-46.79	-42.00	4.79	6.29	0	N/A	N/A	N/A
2451.50	-46.84	-42.17	4.67	6.29	0	N/A	N/A	N/A
2451.55	-46.79	-42.33	4.46	6.29	0	N/A	N/A	N/A
2451.60	-46.82	-42.00	4.82	6.29	0	N/A	N/A	N/A
2451.65	-46.85	-42.00	4.85	6.29	0	N/A	N/A	N/A
2451.70	-46.75	-42.00	4.75	6.29	0	N/A	N/A	N/A
2451.75	-46.78	-42.00	4.78	6.29	0	N/A	N/A	N/A
2451.80	-46.82	-42.17	4.65	6.29	0	N/A	N/A	N/A
2451.85	-46.85	-42.17	4.68	6.29	0	N/A	N/A	N/A
2451.90	-46.74	-42.33	4.41	6.29	0	N/A	N/A	N/A
2451.95	-46.73	-42.00	4.73	6.29	0	N/A	N/A	N/A
2452.00	-46.79	-42.00	4.79	6.29	0	N/A	N/A	N/A
2452.05	-46.83	-42.17	4.66	6.29	0	N/A	N/A	N/A
2452.10	-46.70	-42.17	4.53	6.29	0	N/A	N/A	N/A
2452.15	-46.71	-42.17	4.54	6.29	0	N/A	N/A	N/A
2452.20	-46.74	-41.83	4.91	6.29	0	N/A	N/A	N/A
2452.25	-46.88	-41.83	5.05	6.29	0	N/A	N/A	N/A
2452.30	-46.91	-42.17	4.74	6.29	0	N/A	N/A	N/A
2452.35	-46.94	-42.33	4.61	6.29	0	N/A	N/A	N/A
2452.40	-46.92	-42.33	4.59	6.29	0	N/A	N/A	N/A
2452.45	-46.78	-41.83	4.95	6.29	0	N/A	N/A	N/A
2452.50	-46.82	-42.00	4.82	6.29	0	N/A	N/A	N/A
2452.55	-46.78	-42.00	4.78	6.29	0	N/A	N/A	N/A
2452.60	-46.81	-42.33	4.48	6.29	0	N/A	N/A	N/A
2452.65	-46.88	-42.17	4.71	6.29	0	N/A	N/A	N/A
2452.70	-46.85	-42.17	4.68	6.29	0	N/A	N/A	N/A
2452.75	-46.88	-42.00	4.88	6.29	0	N/A	N/A	N/A
2452.80	-46.84	-41.50	5.34	6.29	0	N/A	N/A	N/A
2452.85	-46.73	-41.17	5.56	6.29	24	0.38	17.36	
2452.90	-46.64	-41.00	5.64	6.29	36	0.57	17.44	
2452.95	-46.72	-41.00	5.72	6.29	30	0.48	17.52	
2453.00	-46.76	-41.00	5.76	6.29	26	0.41	17.56	
2453.05	-46.78	-41.00	5.78	6.29	24	0.38	17.58	
2453.10	-46.75	-41.00	5.75	6.29	50	0.79	17.55	
2453.15	-46.70	-41.17	5.53	6.29	24	0.38	17.33	
2453.20	-46.75	-41.33	5.42	6.29	24	0.38	17.22	
2453.25	-46.68	-41.33	5.35	6.29	30	0.48	17.15	
2453.30	-46.67	-41.50	5.17	6.29	53	0.84	16.97	
2453.35	-46.65	-41.50	5.15	6.29	51	0.81	16.95	
2453.40	-46.69	-41.83	4.86	6.29	58	0.92	16.66	
2453.45	-46.78	-42.00	4.78	6.29	55	0.87	16.58	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2453.50	-46.79	-41.83	4.96	6.29	59	0.94	16.76	
2453.55	-46.77	-42.33	4.44	6.29	46	0.73	16.24	
2453.60	-46.85	-42.83	4.02	6.29	31	0.49	15.82	
2453.65	-46.82	-42.83	3.99	6.29	34	0.54	15.79	
2453.70	-46.83	-43.33	3.50	6.29	28	0.45	15.30	
2453.75	-46.85	-43.33	3.52	6.29	42	0.67	15.32	
2453.80	-46.83	-43.67	3.16	6.29	37	0.59	14.96	
2453.85	-46.78	-43.33	3.45	6.29	62	0.99	15.25	
2453.90	-46.90	-43.83	3.07	6.29	30	0.48	14.87	
2453.95	-46.85	-44.00	2.85	6.29	42	0.67	14.65	
2454.00	-46.82	-44.00	2.82	6.29	57	0.91	14.62	
2454.05	-46.87	-44.17	2.70	6.29	34	0.54	14.50	
2454.10	-46.83	-44.33	2.50	6.29	62	0.99	14.30	
2454.15	-46.86	-44.33	2.53	6.29	58	0.92	14.33	
2454.20	-46.79	-44.67	2.12	6.29	26	0.41	13.92	
2454.25	-46.87	-44.83	2.04	6.29	38	0.60	13.84	
2454.30	-46.84	-45.00	1.84	6.29	34	0.54	13.64	
2454.35	-46.80	-45.50	1.30	6.29	28	0.45	13.10	
2454.40	-46.83	-45.67	1.16	6.29	45	0.72	12.96	
2454.45	-46.96	-46.00	0.96	6.29	57	0.91	12.76	
2454.50	-46.74	-46.17	0.57	6.29	28	0.45	12.37	
2454.55	-46.76	-46.33	0.43	6.29	46	0.73	12.23	
2454.60	-46.77	-46.50	0.27	6.29	52	0.83	12.07	
2454.65	-46.78	-46.67	0.11	6.29	42	0.67	11.91	
2454.70	-46.84	-46.67	0.17	6.29	54	0.86	11.97	
2454.75	-46.88	-46.67	0.21	6.29	40	0.64	12.01	
2454.80	-46.83	-46.83	0.00	6.29	47	0.75	11.80	
2454.85	-46.81	-46.33	0.48	6.29	48	0.76	12.28	
2454.90	-46.72	-46.67	0.05	6.29	24	0.38	11.85	
2454.95	-46.80	-46.00	0.80	6.29	58	0.92	12.60	
2455.00	-46.72	-46.33	0.39	6.29	48	0.76	12.19	
2455.05	-46.65	-46.17	0.48	6.29	43	0.68	12.28	
2455.10	-46.74	-46.00	0.74	6.29	58	0.92	12.54	
2455.15	-46.73	-46.17	0.56	6.29	49	0.78	12.36	
2455.20	-46.76	-46.17	0.59	6.29	41	0.65	12.39	
2455.25	-46.74	-45.50	1.24	6.29	28	0.45	13.04	
2455.30	-46.84	-45.83	1.01	6.29	26	0.41	12.81	
2455.35	-46.90	-46.00	0.90	6.29	35	0.56	12.70	
2455.40	-46.76	-45.67	1.09	6.29	28	0.45	12.89	
2455.45	-46.79	-45.67	1.12	6.29	59	0.94	12.92	
2455.50	-46.84	-45.83	1.01	6.29	61	0.97	12.81	
2455.55	-46.79	-45.67	1.12	6.29	56	0.89	12.92	
2455.60	-46.81	-46.00	0.81	6.29	46	0.73	12.61	
2455.65	-46.69	-45.83	0.86	6.29	44	0.70	12.66	
2455.70	-46.74	-46.17	0.57	6.29	52	0.83	12.37	
2455.75	-46.73	-46.33	0.40	6.29	24	0.38	12.20	
2455.80	-46.76	-46.17	0.59	6.29	50	0.79	12.39	
2455.85	-46.78	-46.33	0.45	6.29	42	0.67	12.25	
2455.90	-46.71	-46.50	0.21	6.29	52	0.83	12.01	
2455.95	-46.70	-46.50	0.20	6.29	28	0.45	12.00	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2456.00	-46.82	-47.00	-0.18	6.29	24	0.38	11.62	
2456.05	-46.76	-45.83	0.93	6.29	62	0.99	12.73	
2456.10	-46.76	-45.83	0.93	6.29	26	0.41	12.73	
2456.15	-46.66	-45.83	0.83	6.29	28	0.45	12.63	
2456.20	-46.71	-45.50	1.21	6.29	24	0.38	13.01	
2456.25	-46.86	-45.00	1.86	6.29	30	0.48	13.66	
2456.30	-46.75	-44.83	1.92	6.29	30	0.48	13.72	
2456.35	-46.82	-44.83	1.99	6.29	42	0.67	13.79	
2456.40	-46.82	-44.83	1.99	6.29	24	0.38	13.79	
2456.45	-46.91	-45.00	1.91	6.29	32	0.51	13.71	
2456.50	-46.74	-45.00	1.74	6.29	52	0.83	13.54	
2456.55	-46.70	-45.50	1.20	6.29	62	0.99	13.00	
2456.60	-46.81	-45.67	1.14	6.29	38	0.60	12.94	
2456.65	-46.78	-46.17	0.61	6.29	46	0.73	12.41	
2456.70	-46.74	-46.17	0.57	6.29	46	0.73	12.37	
2456.75	-46.75	-46.50	0.25	6.29	54	0.86	12.05	
2456.80	-46.78	-46.67	0.11	6.29	58	0.92	11.91	
2456.85	-46.70	-46.67	0.03	6.29	42	0.67	11.83	
2456.90	-46.69	-47.00	-0.31	6.29	28	0.45	11.49	
2456.95	-46.80	-47.33	-0.53	6.29	36	0.57	11.27	
2457.00	-46.69	-47.50	-0.81	6.29	48	0.76	10.99	
2457.05	-46.69	-47.67	-0.98	6.29	56	0.89	10.82	
2457.10	-46.78	-47.17	-0.39	6.29	42	0.67	11.41	
2457.15	-46.86	-47.83	-0.97	6.29	59	0.94	10.83	
2457.20	-46.72	-47.83	-1.11	6.29	46	0.73	10.69	
2457.25	-46.77	-48.17	-1.40	6.29	24	0.38	10.40	---
2457.30	-46.81	-48.17	-1.36	6.29	28	0.45	10.44	***
2457.35	-46.69	-48.50	-1.81	6.29	52	0.83	9.99	---
2457.40	-46.81	-48.17	-1.36	6.29	57	0.91	10.44	---
2457.45	-46.70	-48.17	-1.47	6.29	62	0.99	10.33	---
2457.50	-46.69	-48.00	-1.31	6.29	46	0.73	10.49	
2457.55	-46.73	-48.00	-1.27	6.29	43	0.68	10.53	
2457.60	-46.64	-47.67	-1.03	6.29	39	0.62	10.77	
2457.65	-46.61	-47.67	-1.06	6.29	39	0.62	10.74	
2457.70	-46.73	-47.50	-0.77	6.29	52	0.83	11.03	
2457.75	-46.76	-47.50	-0.74	6.29	38	0.60	11.06	
2457.80	-46.78	-47.50	-0.72	6.29	61	0.97	11.08	
2457.85	-46.71	-47.17	-0.46	6.29	24	0.38	11.34	
2457.90	-46.80	-47.00	-0.20	6.29	24	0.38	11.60	
2457.95	-46.78	-47.50	-0.72	6.29	50	0.79	11.08	
2458.00	-46.72	-48.00	-1.28	6.29	46	0.73	10.52	
2458.05	-46.95	-49.17	-2.22	6.29	28	0.45	9.58	---
2458.10	-47.01	-48.83	-1.82	6.29	54	0.86	9.98	---
2458.15	-46.94	-48.83	-1.89	6.29	46	0.73	9.91	---
2458.20	-46.92	-48.33	-1.41	6.29	30	0.48	10.39	---
2458.25	-46.98	-47.83	-0.85	6.29	26	0.41	10.95	
2458.30	-46.97	-48.00	-1.03	6.29	60	0.95	10.77	
2458.35	-46.95	-48.17	-1.22	6.29	43	0.68	10.58	
2458.40	-47.09	-47.83	-0.74	6.29	59	0.94	11.06	
2458.45	-46.98	-47.33	-0.35	6.29	42	0.67	11.45	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2458.50	-46.96	-47.33	-0.37	6.29	34	0.54	11.43	
2458.55	-47.05	-47.00	0.05	6.29	61	0.97	11.85	
2458.60	-46.90	-47.00	-0.10	6.29	62	0.99	11.70	
2458.65	-47.00	-46.83	0.17	6.29	40	0.64	11.97	
2458.70	-47.01	-46.83	0.18	6.29	38	0.60	11.98	
2458.75	-47.09	-47.00	0.09	6.29	32	0.51	11.89	
2458.80	-47.09	-47.17	-0.08	6.29	62	0.99	11.72	
2458.85	-47.09	-47.33	-0.24	6.29	60	0.95	11.56	
2458.90	-47.08	-47.67	-0.59	6.29	52	0.83	11.21	
2458.95	-47.04	-47.67	-0.63	6.29	30	0.48	11.17	
2459.00	-47.05	-48.00	-0.95	6.29	32	0.51	10.85	
2459.05	-47.04	-48.33	-1.29	6.29	48	0.76	10.51	
2459.10	-47.06	-48.17	-1.11	6.29	49	0.78	10.69	
2459.15	-47.02	-48.00	-0.98	6.29	59	0.94	10.82	
2459.20	-47.05	-48.33	-1.28	6.29	38	0.60	10.52	
2459.25	-47.03	-48.33	-1.30	6.29	44	0.70	10.50	
2459.30	-46.95	-48.67	-1.72	6.29	36	0.57	10.08	---
2459.35	-46.99	-48.83	-1.84	6.29	24	0.38	9.96	---
2459.40	-47.08	-48.83	-1.75	6.29	47	0.75	10.05	---
2459.45	-47.07	-49.00	-1.93	6.29	46	0.73	9.87	---
2459.50	-47.10	-49.17	-2.07	6.29	52	0.83	9.73	---
2459.55	-47.14	-49.50	-2.36	6.29	58	0.92	9.44	---
2459.60	-47.24	-50.00	-2.76	6.29	46	0.73	9.04	---
2459.65	-47.19	-49.17	-1.98	6.29	42	0.67	9.82	---
2459.70	-47.05	-49.17	-2.12	6.29	56	0.89	9.68	---
2459.75	-47.10	-49.17	-2.07	6.29	38	0.60	9.73	---
2459.80	-47.13	-49.17	-2.04	6.29	24	0.38	9.76	---
2459.85	-47.03	-48.83	-1.80	6.29	46	0.73	10.00	---
2459.90	-47.12	-48.83	-1.71	6.29	30	0.48	10.09	---
2459.95	-47.10	-49.17	-2.07	6.29	60	0.95	9.73	---
2460.00	-47.15	-49.33	-2.18	6.29	52	0.83	9.62	---
2460.05	-47.09	-49.33	-2.24	6.29	36	0.57	9.56	---
2460.10	-47.08	-50.00	-2.92	6.29	30	0.48	8.88	---
2460.15	-47.14	-50.17	-3.03	6.29	60	0.95	8.77	---
2460.20	-47.14	-50.33	-3.19	6.29	42	0.67	8.61	---
2460.25	-47.06	-50.67	-3.61	6.29	36	0.57	8.19	---
2460.30	-47.02	-50.67	-3.65	6.29	36	0.57	8.15	---
2460.35	-47.07	-50.50	-3.43	6.29	44	0.70	8.37	---
2460.40	-47.03	-50.50	-3.47	6.29	40	0.64	8.33	---
2460.45	-47.06	-50.17	-3.11	6.29	56	0.89	8.69	---
2460.50	-47.00	-50.17	-3.17	6.29	24	0.38	8.63	---
2460.55	-46.89	-49.50	-2.61	6.29	62	0.99	9.19	---
2460.60	-46.92	-49.00	-2.08	6.29	26	0.41	9.72	---
2460.65	-47.00	-48.33	-1.33	6.29	44	0.70	10.47	
2460.70	-46.94	-48.33	-1.39	6.29	26	0.41	10.41	---
2460.75	-46.93	-47.67	-0.74	6.29	50	0.79	11.06	
2460.80	-46.96	-48.00	-1.04	6.29	28	0.45	10.76	
2460.85	-46.92	-47.67	-0.75	6.29	60	0.95	11.05	
2460.90	-46.85	-47.67	-0.82	6.29	54	0.86	10.98	
2460.95	-46.94	-48.17	-1.23	6.29	34	0.54	10.57	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2461.00	-46.94	-48.17	-1.23	6.29	52	0.83	10.57	
2461.05	-46.92	-48.17	-1.25	6.29	32	0.51	10.55	
2461.10	-46.80	-48.17	-1.37	6.29	44	0.70	10.43	---
2461.15	-46.83	-48.17	-1.34	6.29	50	0.79	10.46	
2461.20	-47.10	-48.17	-1.07	6.29	30	0.48	10.73	
2461.25	-47.03	-48.33	-1.30	6.29	34	0.54	10.50	
2461.30	-47.06	-48.50	-1.44	6.29	26	0.41	10.36	---
2461.35	-46.96	-48.17	-1.21	6.29	58	0.92	10.59	
2461.40	-46.73	-47.83	-1.10	6.29	39	0.62	10.70	
2461.45	-46.70	-47.67	-0.97	6.29	62	0.99	10.83	
2461.50	-46.67	-47.67	-1.00	6.29	40	0.64	10.80	
2461.55	-46.80	-47.50	-0.70	6.29	46	0.73	11.10	
2461.60	-46.70	-47.83	-1.13	6.29	26	0.41	10.67	
2461.65	-46.75	-48.00	-1.25	6.29	54	0.86	10.55	
2461.70	-46.72	-48.17	-1.45	6.29	60	0.95	10.35	---
2461.75	-46.70	-48.33	-1.63	6.29	54	0.86	10.17	---
2461.80	-46.73	-48.50	-1.77	6.29	58	0.92	10.03	---
2461.85	-46.95	-48.83	-1.88	6.29	38	0.60	9.92	---
2461.90	-46.82	-49.33	-2.51	6.29	26	0.41	9.29	---
2461.95	-46.83	-49.33	-2.50	6.29	40	0.64	9.30	---
2462.00	-46.84	-49.17	-2.33	6.29	40	0.64	9.47	---
2462.05	-46.86	-49.33	-2.47	6.29	34	0.54	9.33	---
2462.10	-46.88	-49.33	-2.45	6.29	32	0.51	9.35	---
2462.15	-46.85	-49.17	-2.32	6.29	24	0.38	9.48	---
2462.20	-46.88	-48.83	-1.95	6.29	42	0.67	9.85	---
2462.25	-46.65	-48.50	-1.85	6.29	26	0.41	9.95	---
2462.30	-46.61	-48.67	-2.06	6.29	34	0.54	9.74	---
2462.35	-46.63	-48.50	-1.87	6.29	30	0.48	9.93	---
2462.40	-46.69	-48.50	-1.81	6.29	34	0.54	9.99	---
2462.45	-46.69	-48.33	-1.64	6.29	62	0.99	10.16	---
2462.50	-46.74	-48.33	-1.59	6.29	26	0.41	10.21	---
2462.55	-46.75	-48.50	-1.75	6.29	36	0.57	10.05	---
2462.60	-46.79	-49.00	-2.21	6.29	46	0.73	9.59	---
2462.65	-46.83	-49.33	-2.50	6.29	24	0.38	9.30	---
2462.70	-46.83	-49.33	-2.50	6.29	50	0.79	9.30	---
2462.75	-46.72	-49.67	-2.95	6.29	45	0.72	8.85	---
2462.80	-46.72	-49.50	-2.78	6.29	52	0.83	9.02	---
2462.85	-46.72	-48.83	-2.11	6.29	44	0.70	9.69	---
2462.90	-46.74	-48.67	-1.93	6.29	32	0.51	9.87	---
2462.95	-46.79	-48.50	-1.71	6.29	54	0.86	10.09	---
2463.00	-46.73	-48.17	-1.44	6.29	40	0.64	10.36	---
2463.05	-46.72	-48.00	-1.28	6.29	50	0.79	10.52	
2463.10	-46.73	-48.33	-1.60	6.29	38	0.60	10.20	---
2463.15	-46.73	-48.00	-1.27	6.29	30	0.48	10.53	
2463.20	-46.70	-47.83	-1.13	6.29	34	0.54	10.67	
2463.25	-46.70	-47.33	-0.63	6.29	30	0.48	11.17	
2463.30	-46.57	-47.50	-0.93	6.29	62	0.99	10.87	
2463.35	-46.61	-47.67	-1.06	6.29	32	0.51	10.74	
2463.40	-46.75	-47.83	-1.08	6.29	34	0.54	10.72	
2463.45	-46.68	-47.67	-0.99	6.29	44	0.70	10.81	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2463.50	-46.69	-47.67	-0.98	6.29	56	0.89	10.82	
2463.55	-46.71	-47.83	-1.12	6.29	48	0.76	10.68	
2463.60	-46.69	-47.83	-1.14	6.29	56	0.89	10.66	
2463.65	-46.71	-47.67	-0.96	6.29	28	0.45	10.84	
2463.70	-46.71	-47.67	-0.96	6.29	53	0.84	10.84	
2463.75	-46.74	-47.67	-0.93	6.29	36	0.57	10.87	
2463.80	-46.77	-47.33	-0.56	6.29	44	0.70	11.24	
2463.85	-46.78	-47.17	-0.39	6.29	48	0.76	11.41	
2463.90	-46.77	-47.00	-0.23	6.29	28	0.45	11.57	
2463.95	-46.74	-47.00	-0.26	6.29	54	0.86	11.54	
2464.00	-46.67	-47.00	-0.33	6.29	30	0.48	11.47	
2464.05	-46.74	-47.00	-0.26	6.29	36	0.57	11.54	
2464.10	-46.76	-47.17	-0.41	6.29	24	0.38	11.39	
2464.15	-46.75	-46.83	-0.08	6.29	62	0.99	11.72	
2464.20	-46.73	-46.83	-0.10	6.29	42	0.67	11.70	
2464.25	-46.76	-46.50	0.26	6.29	32	0.51	12.06	
2464.30	-46.72	-46.50	0.22	6.29	24	0.38	12.02	
2464.35	-46.72	-46.67	0.05	6.29	62	0.99	11.85	
2464.40	-46.68	-46.67	0.01	6.29	30	0.48	11.81	
2464.45	-46.67	-47.00	-0.33	6.29	54	0.86	11.47	
2464.50	-46.63	-47.17	-0.54	6.29	52	0.83	11.26	
2464.55	-46.68	-47.00	-0.32	6.29	52	0.83	11.48	
2464.60	-46.59	-47.17	-0.58	6.29	38	0.60	11.22	
2464.65	-46.59	-47.00	-0.41	6.29	56	0.89	11.39	
2464.70	-46.68	-47.50	-0.82	6.29	52	0.83	10.98	
2464.75	-46.58	-47.67	-1.09	6.29	48	0.76	10.71	
2464.80	-46.61	-47.67	-1.06	6.29	54	0.86	10.74	
2464.85	-46.70	-47.83	-1.13	6.29	28	0.45	10.67	
2464.90	-46.68	-48.00	-1.32	6.29	50	0.79	10.48	
2464.95	-46.68	-47.83	-1.15	6.29	40	0.64	10.65	
2465.00	-46.70	-47.67	-0.97	6.29	58	0.92	10.83	
2465.05	-46.70	-47.83	-1.13	6.29	54	0.86	10.67	
2465.10	-46.63	-47.83	-1.20	6.29	36	0.57	10.60	
2465.15	-46.62	-47.83	-1.21	6.29	46	0.73	10.59	
2465.20	-46.65	-47.67	-1.02	6.29	56	0.89	10.78	
2465.25	-46.69	-47.83	-1.14	6.29	56	0.89	10.66	
2465.30	-46.65	-48.00	-1.35	6.29	60	0.95	10.45	
2465.35	-46.77	-48.00	-1.23	6.29	44	0.70	10.57	
2465.40	-46.78	-48.50	-1.72	6.29	42	0.67	10.08	---
2465.45	-46.84	-48.67	-1.83	6.29	55	0.87	9.97	---
2465.50	-46.83	-48.50	-1.67	6.29	38	0.60	10.13	---
2465.55	-46.77	-48.67	-1.90	6.29	50	0.79	9.90	---
2465.60	-46.85	-48.83	-1.98	6.29	59	0.94	9.82	---
2465.65	-46.76	-48.17	-1.41	6.29	44	0.70	10.39	---
2465.70	-46.82	-48.33	-1.51	6.29	47	0.75	10.29	---
2465.75	-46.77	-48.67	-1.90	6.29	52	0.83	9.90	---
2465.80	-46.82	-48.50	-1.68	6.29	45	0.72	10.12	---
2465.85	-46.69	-47.67	-0.98	6.29	58	0.92	10.82	
2465.90	-46.72	-47.67	-0.95	6.29	60	0.95	10.85	
2465.95	-46.65	-48.00	-1.35	6.29	32	0.51	10.45	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2466.00	-46.65	-48.00	-1.35	6.29	55	0.87	10.45	
2466.05	-46.68	-47.67	-0.99	6.29	33	0.52	10.81	
2466.10	-46.52	-47.00	-0.48	6.29	61	0.97	11.32	
2466.15	-46.54	-47.00	-0.46	6.29	57	0.91	11.34	
2466.20	-46.65	-46.83	-0.18	6.29	34	0.54	11.62	
2466.25	-46.64	-47.00	-0.36	6.29	48	0.76	11.44	
2466.30	-46.58	-46.17	0.41	6.29	30	0.48	12.21	
2466.35	-46.48	-46.00	0.48	6.29	40	0.64	12.28	
2466.40	-46.54	-46.33	0.21	6.29	24	0.38	12.01	
2466.45	-46.58	-46.50	0.08	6.29	52	0.83	11.88	
2466.50	-46.60	-46.17	0.43	6.29	50	0.79	12.23	
2466.55	-46.57	-46.00	0.57	6.29	58	0.92	12.37	
2466.60	-46.58	-46.67	-0.09	6.29	47	0.75	11.71	
2466.65	-46.59	-46.33	0.26	6.29	42	0.67	12.06	
2466.70	-46.52	-46.83	-0.31	6.29	30	0.48	11.49	
2466.75	-46.47	-46.67	-0.20	6.29	28	0.45	11.60	
2466.80	-46.57	-46.50	0.07	6.29	40	0.64	11.87	
2466.85	-46.53	-46.67	-0.14	6.29	24	0.38	11.66	
2466.90	-46.48	-46.17	0.31	6.29	30	0.48	12.11	
2466.95	-46.50	-46.33	0.17	6.29	40	0.64	11.97	
2467.00	-46.53	-46.00	0.53	6.29	36	0.57	12.33	
2467.05	-46.53	-45.67	0.86	6.29	24	0.38	12.66	
2467.10	-46.57	-45.33	1.24	6.29	54	0.86	13.04	
2467.15	-46.43	-44.83	1.60	6.29	34	0.54	13.40	
2467.20	-46.41	-44.50	1.91	6.29	42	0.67	13.71	
2467.25	-46.67	-44.83	1.84	6.29	46	0.73	13.64	
2467.30	-46.46	-44.50	1.96	6.29	36	0.57	13.76	
2467.35	-46.46	-44.50	1.96	6.29	48	0.76	13.76	
2467.40	-46.51	-44.17	2.34	6.29	62	0.99	14.14	
2467.45	-46.49	-44.00	2.49	6.29	54	0.86	14.29	
2467.50	-46.48	-44.00	2.48	6.29	55	0.87	14.28	
2467.55	-46.52	-44.83	1.69	6.29	46	0.73	13.49	
2467.60	-46.46	-44.83	1.63	6.29	34	0.54	13.43	
2467.65	-46.57	-45.33	1.24	6.29	46	0.73	13.04	
2467.70	-46.51	-45.17	1.34	6.29	50	0.79	13.14	
2467.75	-46.53	-45.50	1.03	6.29	52	0.83	12.83	
2467.80	-46.39	-45.67	0.72	6.29	54	0.86	12.52	
2467.85	-46.56	-46.17	0.39	6.29	42	0.67	12.19	
2467.90	-46.51	-46.17	0.34	6.29	42	0.67	12.14	
2467.95	-46.42	-46.33	0.09	6.29	48	0.76	11.89	
2468.00	-46.45	-46.67	-0.22	6.29	50	0.79	11.58	
2468.05	-46.46	-46.67	-0.21	6.29	55	0.87	11.59	
2468.10	-46.49	-47.17	-0.68	6.29	42	0.67	11.12	
2468.15	-46.49	-47.00	-0.51	6.29	44	0.70	11.29	
2468.20	-46.44	-47.17	-0.73	6.29	28	0.45	11.07	
2468.25	-46.44	-47.00	-0.56	6.29	44	0.70	11.24	
2468.30	-46.46	-47.17	-0.71	6.29	55	0.87	11.09	
2468.35	-46.51	-47.00	-0.49	6.29	38	0.60	11.31	
2468.40	-46.57	-47.00	-0.43	6.29	40	0.64	11.37	
2468.45	-46.56	-47.00	-0.44	6.29	53	0.84	11.36	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2468.50	-46.48	-46.83	-0.35	6.29	46	0.73	11.45	
2468.55	-46.45	-46.50	-0.05	6.29	44	0.70	11.75	
2468.60	-46.47	-46.50	-0.03	6.29	28	0.45	11.77	
2468.65	-46.48	-45.50	0.98	6.29	38	0.60	12.78	
2468.70	-46.52	-45.83	0.69	6.29	38	0.60	12.49	
2468.75	-46.53	-45.67	0.86	6.29	38	0.60	12.66	
2468.80	-46.40	-45.17	1.23	6.29	58	0.92	13.03	
2468.85	-46.30	-45.17	1.13	6.29	39	0.62	12.93	
2468.90	-46.34	-45.17	1.17	6.29	50	0.79	12.97	
2468.95	-46.41	-45.17	1.24	6.29	44	0.70	13.04	
2469.00	-46.47	-45.17	1.30	6.29	34	0.54	13.10	
2469.05	-46.47	-45.17	1.30	6.29	28	0.45	13.10	
2469.10	-46.53	-45.00	1.53	6.29	54	0.86	13.33	
2469.15	-46.70	-45.17	1.53	6.29	48	0.76	13.33	
2469.20	-46.70	-45.33	1.37	6.29	54	0.86	13.17	
2469.25	-46.75	-44.67	2.08	6.29	59	0.94	13.88	
2469.30	-46.64	-44.67	1.97	6.29	32	0.51	13.77	
2469.35	-46.51	-44.33	2.18	6.29	42	0.67	13.98	
2469.40	-46.50	-44.33	2.17	6.29	35	0.56	13.97	
2469.45	-46.62	-44.67	1.95	6.29	38	0.60	13.75	
2469.50	-46.65	-43.67	2.98	6.29	52	0.83	14.78	
2469.55	-46.63	-43.83	2.80	6.29	56	0.89	14.60	
2469.60	-46.63	-43.83	2.80	6.29	46	0.73	14.60	
2469.65	-46.63	-44.00	2.63	6.29	52	0.83	14.43	
2469.70	-46.66	-43.67	2.99	6.29	50	0.79	14.79	
2469.75	-46.68	-43.83	2.85	6.29	28	0.45	14.65	
2469.80	-46.64	-43.83	2.81	6.29	51	0.81	14.61	
2469.85	-46.66	-43.67	2.99	6.29	46	0.73	14.79	
2469.90	-46.62	-43.67	2.95	6.29	40	0.64	14.75	
2469.95	-46.66	-43.83	2.83	6.29	53	0.84	14.63	
2470.00	-46.72	-44.00	2.72	6.29	62	0.99	14.52	
2470.05	-46.65	-44.00	2.65	6.29	62	0.99	14.45	
2470.10	-46.72	-44.17	2.55	6.29	44	0.70	14.35	
2470.15	-46.76	-44.33	2.43	6.29	36	0.57	14.23	
2470.20	-46.71	-44.50	2.21	6.29	50	0.79	14.01	
2470.25	-46.61	-44.33	2.28	6.29	34	0.54	14.08	
2470.30	-46.62	-44.50	2.12	6.29	62	0.99	13.92	
2470.35	-46.63	-44.50	2.13	6.29	39	0.62	13.93	
2470.40	-46.68	-44.50	2.18	6.29	48	0.76	13.98	
2470.45	-46.66	-44.50	2.16	6.29	44	0.70	13.96	
2470.50	-46.74	-44.17	2.57	6.29	46	0.73	14.37	
2470.55	-46.57	-44.17	2.40	6.29	34	0.54	14.20	
2470.60	-46.72	-44.17	2.55	6.29	40	0.64	14.35	
2470.65	-46.69	-43.67	3.02	6.29	36	0.57	14.82	
2470.70	-46.74	-44.17	2.57	6.29	28	0.45	14.37	
2470.75	-46.77	-43.67	3.10	6.29	48	0.76	14.90	
2470.80	-46.61	-43.83	2.78	6.29	28	0.45	14.58	
2470.85	-46.78	-43.33	3.45	6.29	36	0.57	15.25	
2470.90	-46.75	-43.50	3.25	6.29	32	0.51	15.05	
2470.95	-46.78	-43.33	3.45	6.29	24	0.38	15.25	

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).

'---' Discarded worst 20% of available J/S data points.

'***' The lowest remaining J/S data point.

Jammer Freq. (MHz)	Signal Power (dBm)	Jammer Power (dBm)	J/S Ratio (dB)	Bit Rx. (x10E6)	Bit Errors	BER (x10E-5)	Pg (dB)	Note
2471.00	-46.76	-43.33	3.43	6.29	26	0.41	15.23	
2471.05	-46.83	-42.83	4.00	6.29	40	0.64	15.80	
2471.10	-46.80	-42.67	4.13	6.29	26	0.41	15.93	
2471.15	-46.72	-42.67	4.05	6.29	58	0.92	15.85	
2471.20	-46.65	-42.50	4.15	6.29	48	0.76	15.95	
2471.25	-46.86	-42.67	4.19	6.29	51	0.81	15.99	
2471.30	-46.77	-42.33	4.44	6.29	48	0.76	16.24	
2471.35	-46.78	-42.50	4.28	6.29	34	0.54	16.08	
2471.40	-46.73	-42.00	4.73	6.29	62	0.99	16.53	
2471.45	-46.73	-41.67	5.06	6.29	39	0.62	16.86	
2471.50	-46.66	-40.83	5.83	6.29	24	0.38	17.63	
2471.55	-46.70	-41.00	5.70	6.29	0	N/A	N/A	N/A
2471.60	-46.69	-41.17	5.52	6.29	0	N/A	N/A	N/A
2471.65	-46.70	-41.17	5.53	6.29	0	N/A	N/A	N/A
2471.70	-46.71	-41.17	5.54	6.29	0	N/A	N/A	N/A
2471.75	-46.72	-40.83	5.89	6.29	0	N/A	N/A	N/A
2471.80	-46.57	-40.83	5.74	6.29	0	N/A	N/A	N/A
2471.85	-46.68	-40.83	5.85	6.29	0	N/A	N/A	N/A
2471.90	-46.66	-40.67	5.99	6.29	0	N/A	N/A	N/A
2471.95	-46.64	-40.67	5.97	6.29	0	N/A	N/A	N/A
2472.00	-46.69	-40.83	5.86	6.29	0	N/A	N/A	N/A
2472.05	-46.84	-40.83	6.01	6.29	0	N/A	N/A	N/A
2472.10	-46.83	-40.83	6.00	6.29	0	N/A	N/A	N/A
2472.15	-46.84	-41.00	5.84	6.29	0	N/A	N/A	N/A
2472.20	-46.90	-41.00	5.90	6.29	0	N/A	N/A	N/A
2472.25	-46.72	-41.00	5.72	6.29	0	N/A	N/A	N/A
2472.30	-46.73	-41.00	5.73	6.29	0	N/A	N/A	N/A
2472.35	-46.71	-41.17	5.54	6.29	0	N/A	N/A	N/A
2472.40	-46.71	-41.17	5.54	6.29	0	N/A	N/A	N/A
2472.45	-46.74	-41.17	5.57	6.29	0	N/A	N/A	N/A
2472.50	-46.71	-41.17	5.54	6.29	0	N/A	N/A	N/A
2472.55	-46.76	-41.17	5.59	6.29	0	N/A	N/A	N/A
2472.60	-46.72	-41.17	5.55	6.29	0	N/A	N/A	N/A
2472.65	-46.72	-41.00	5.72	6.29	0	N/A	N/A	N/A
2472.70	-46.72	-41.00	5.72	6.29	0	N/A	N/A	N/A
2472.75	-46.73	-41.17	5.56	6.29	0	N/A	N/A	N/A
2472.80	-46.71	-41.17	5.54	6.29	0	N/A	N/A	N/A
2472.85	-46.68	-41.17	5.51	6.29	0	N/A	N/A	N/A
2472.90	-46.72	-41.17	5.55	6.29	0	N/A	N/A	N/A
2472.95	-46.79	-41.17	5.62	6.29	0	N/A	N/A	N/A
2473.00	-46.76	-41.17	5.59	6.29	0	N/A	N/A	N/A

Note: 'N/A' Not available data points, since the bit errors
can not be detected, even at a significantly
high J/S ratio (>4dB).
'---' Discarded worst 20% of available J/S data points.
'***' The lowest remaining J/S data point.

Exhibit B..... Construction Photos

There are 6 Photos in this exhibit.