FCC TEST REPORT

REPORT NO.: RF920402H03

MODEL NO.: MUBTC2-CLEVO

PLATFORM: D400S, **BRAND:** CLEVO

RECEIVED: Apr. 02, 2003

TESTED: Mar. 26 to Apr. 23, 2003

APPLICANT: BILLIONTON SYSTEMS INC

ADDRESS: No.21, Sui-Lih Rd., Hsin-Chu, 300, Taiwan

ISSUED BY: Advance Data Technology Corporation

LAB LOCATION: No. 81-1, Lu Liao Keng, 9 Ling, Wu Lung Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien, Taiwan, R.O.C.

Lab Code: 200376-0

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1 CERTIFICATION

PRODUCT :	Bluetooth module
BRAND NAME :	Billionton
PLATFORM:	D400S, **BRAND:** CLEVO
MODEL NO. :	MUBTC2-CLEVO
APPLICANT :	BILLIONTON SYSTEMS INC
STANDARDS :	47 CFR Part 15, Subpart C (Section 15.247), ANSI C63.4-1992

We, **Advance Data Technology Corporation**, hereby certify that one sample of the designation has been tested in our facility from Mar. 26 to Apr. 23, 2003.   The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions herein specified.

CHECKED BY: _Amanda Chu_ , **DATE:** _May 09, 2003_
(Amanda Chu)

APPROVED BY: _____ , **DATE:** _May 09, 2003_
(Eric Lin, Manager)

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: 47 CFR Part 15, Subpart C			
Standard Section	**Test Type and Limit**	**Result**	**REMARK**
15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit Minimum passing margin is –19.83dBuV at 0.150 MHz
15.247(a)(1)(I)-(ii)	Number of Hopping Frequency Used Spec.: At least 75 channels	PASS	Meet the requirement of limit
15.247(a)(1)(ii)	Dwell Time on Each Channel Spec. : Max. 0.4 second within 30 second	PASS	Meet the requirement of limit
15.247(a)(1)(I)-(ii)	Hopping Channel Separation Spec. : Min. 25 kHz or 20 dB bandwidth	PASS	Meet the requirement of limit
15.247(a)(2)	Spectrum Bandwidth of a Frequency Hopping Sequence Spread Spectrum System Spec.: Max. 1 MHz	PASS	Meet the requirement of limit
15.247(b)	Maximum Peak Output Power Spec.: max. 30dBm	PASS	Meet the requirement of limit
15.247(c)	Transmitter Radiated Emissions Spec.: Table 15.209	PASS	Meet the requirement of limit Minimum passing margin is –7.6dBuV at 752.91MHz
15.247(c)	Band Edge Measurement	PASS	Meet the requirement of limit

3   GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Bluetooth module
MODEL NO.	MUBTC2-CLEVO
PLATFORM	D400S, **BRAND:** CLEVO
POWER SUPPLY	3.3VDC from host equipment
MODULATION TYPE	FHSS (GFSK)
FREQUENCY RANGE	2402MHz ~ 2480MHz
NUMBER OF CHANNEL	79
OUTPUT POWER	3.62dBm
ANTENNA TYPE	PIFA Antenna
ANTENNA GAIN	2.04dBi
DATA CABLE	NA
I/O PORTS	NA
ASSOCIATED DEVICES	NA

NOTE:

1. There is one Notebook Computer provided to this EUT and sold together with the EUT:

Product:	Notebook Computer
Brand:	CLEVO
Model No.:	D400S

2. For a more detailed features description, please refer to the manufacturer's specifications or User's Manual.

3.2 DESCRIPTION OF TEST MODES

The software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel frequencies individually.

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a Bluetooth module. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 15, Subpart C. (15.247)
ANSI C63.4 : 1992

All tests have been performed and recorded as per the above standards.

NOTE: The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Product	Brand	Model No.	Serial No.	FCC ID
1	NOTEBOOK COMPUTER	CLEVO	D400S	NCD40S3A01054	NA
2	PRINTER	HP	C2642A	MY7961C1FQ	B94C2642X
3	MODEM	ACEEX	1414	0206026776	IFAXDM1414

No.	Signal cable description
1	NA
2	1.8 m braid shielded wire, terminated with DB25 and Centronics connector via metallic frame, w/o core.
3	1.0 m braid shielded wire, terminated with DB25 and DB9 connector via metallic frame, w/o core.

Note: 1. All power cords of the above support units are unshielded (1.8m).
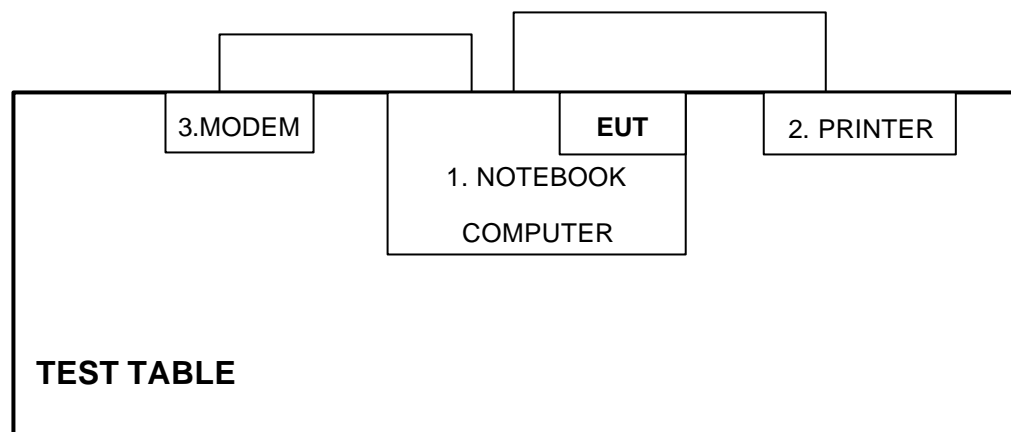
NOTE: 1. Please refer to the photos of test configuration in Item 5 also.

4 TEST PROCEDURES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

Notes:

1. The lower limit shall apply at the transition frequencies.

2. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
HP Spectrum Analyzer	8594ER	3829U04676	Jul. 14, 2003
ADVANTEST Spectrum Analyzer	R3271A	85060311	May 21, 2003
CHASE RF Pre_Amplifier	CPA9232	1057	Apr. 24, 2004
HP Pre_Amplifier	8449B	3008A01281	June 27, 2004
ROHDE & SCHWARZ Test Receiver	ESVS 10	849231 /019	Nov. 03, 2003
CHASE Broadband Antenna	CBL6111c	2730	Jul 17, 2003
Schwarzbeck Horn_Antenna	BBHA9120-D1	D123	Jul. 31, 2003
SCHWARZBECK Tunable Dipole Antenna	UHAP	897	Mar. 07, 2005
SCHWARZBECK Tunable Dipole Antenna	VHAP	880	Mar. 07, 2005
RF Switches (ARNITSU)	CS-201	1565157	Jul. 29, 2003
RF CABLE (Chaintek) 1GHz-20GHz	Ak 9515-D	001	Aug, 20.2003
RF Cable(RICHTEC)	9913-30M	STCCAB-30M-1GHz-021	Nov. 5, 2003
Software	AS60P8	NA	NA
CHANCE MOST Antenna Tower	AT-100	0203	NA
CHANCE MOST Turn Table	TT-100	0203	NA

Note: 1. The calibration interval of the above test instruments is 12 months (36 months for Tunable Dipole Antenna)and the calibrations are traceable to NML/ROC and NIST/USA.
2. * = These equipment are used for the final measurement.
3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The test was performed in ADT Open Site No. C.
5. The FCC Site Registration No. is 656396.
6. The VCCI Site Registration No. is R-1626.

4.1.3 TEST PROCEDURES

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels over 10dB under the prescribed limits could not be reported

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP
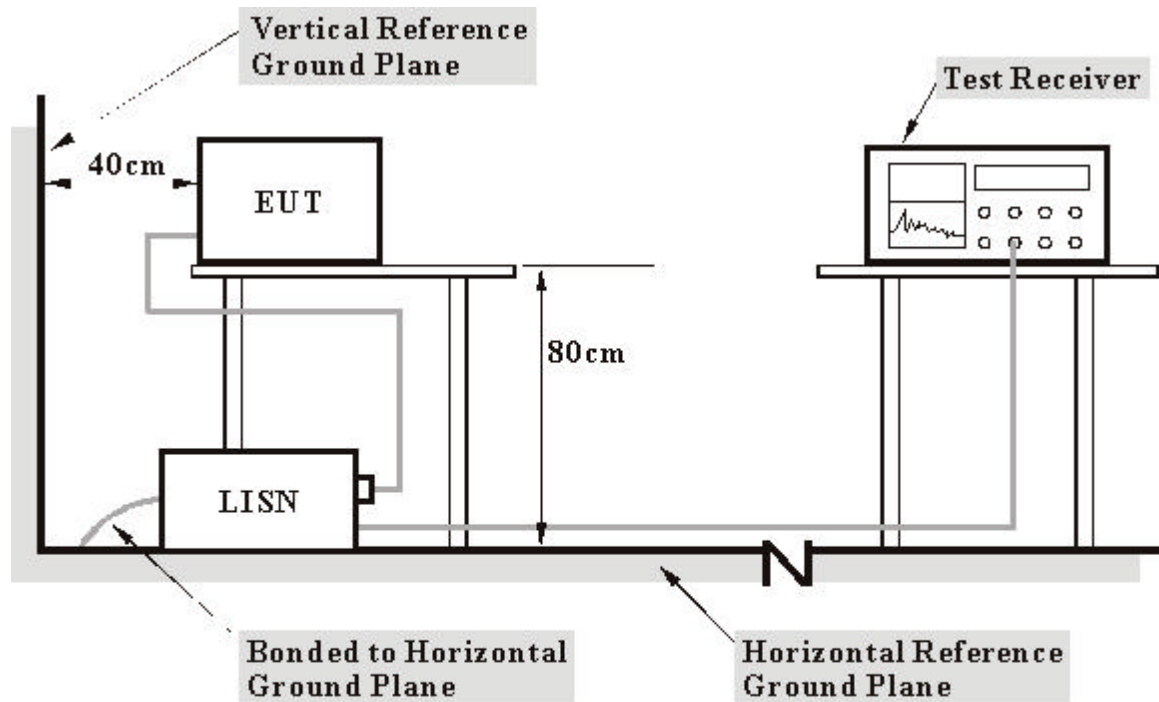
Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.1.6 EUT OPERATING CONDITIONS

a. Plug the EUT into the support unit 1 (Notebook computer) which placed on a testing table.
b. The support unit 1 (Notebook computer) ran a test program to enable EUT under transmission condition continuously at specific channel frequency.

4.1.7   TEST RESULTS

EUT	Bluetooth module	MODEL	MUBTC2-CLEVO
MODE	Channel 0	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 67%RH, 988 hPa	TESTED BY	Tony Chen

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.10	43.45	-	43.55	-	66.00	56.00	-22.45	-
2	0.197	0.10	33.61	-	33.71	-	63.74	53.74	-30.03	-
3	0.259	0.10	27.74	-	27.84	-	61.45	51.45	-33.61	-
4	2.673	0.13	27.55	-	27.68	-	56.00	46.00	-28.32	-
5	9.066	0.57	21.90	-	22.47	-	60.00	50.00	-37.53	-
6	15.652	0.83	22.49	-	23.32	-	60.00	50.00	-36.68	-

NOTES: (1) "*": Undetectable
(2) Q.P. and AV. are abbreviations of quasi-peak and average.
(3) "-": The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
(4) The emission levels of other frequencies were very low against the limit.
(5) Correction Factor = Insertion loss + Cable loss
(6) Margin value = Emission level - Limit value

EUT	Bluetooth module	MODEL	MUBTC2-CLEVO
MODE	Channel 0	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 67%RH, 988 hPa	TESTED BY	Tony Chen

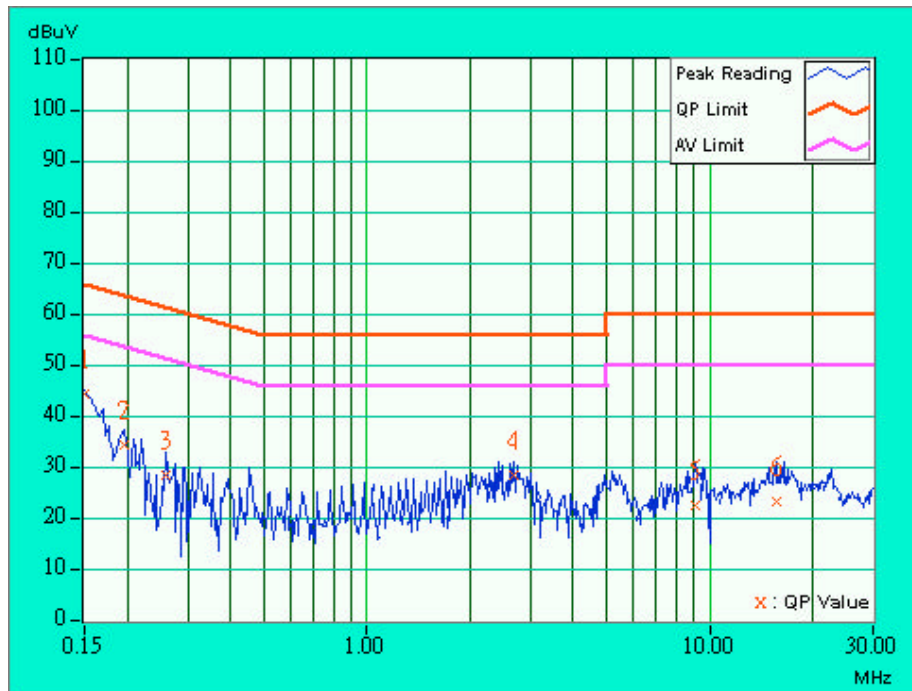| No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.10	44.33	-	44.43	-	66.00	56.00	-21.57	-
2	0.193	0.10	34.16	-	34.26	-	63.91	53.91	-29.65	-
3	0.978	0.10	25.34	-	25.44	-	56.00	46.00	-30.56	-
4	1.955	0.10	29.27	-	29.37	-	56.00	46.00	-26.63	-
5	2.677	0.13	29.66	-	29.79	-	56.00	46.00	-26.21	-
6	5.215	0.32	30.82	-	31.14	-	60.00	50.00	-28.86	-

NOTES: (1) "*": Undetectable
    (2) Q.P. and AV. are abbreviations of quasi-peak and average.
    (3) "-": The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
    (4) The emission levels of other frequencies were very low against the limit.
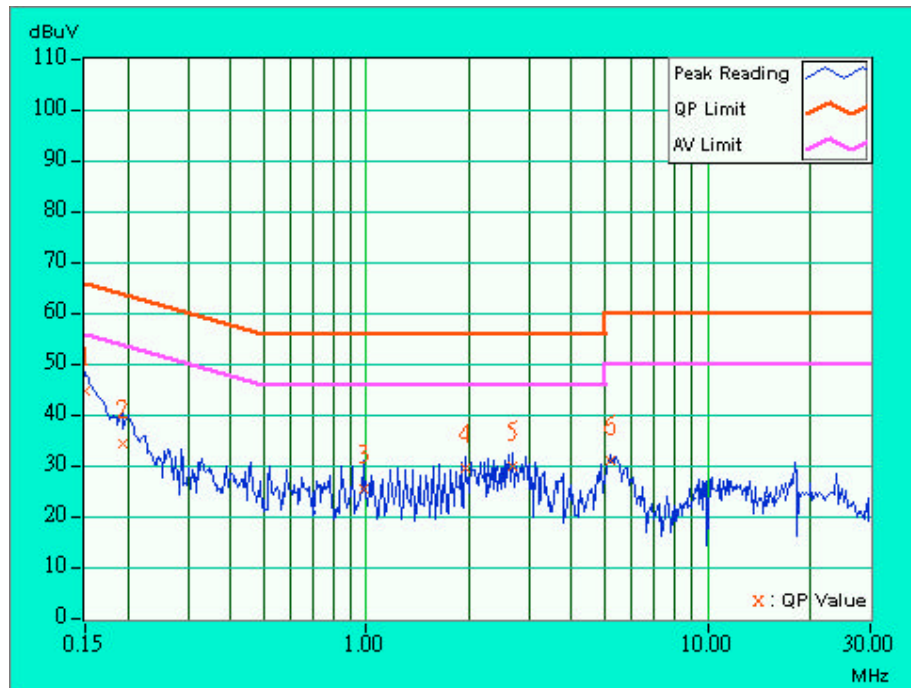   (5) Correction Factor = Insertion loss + Cable loss
    (6) Margin value = Emission level - Limit value

EUT	Bluetooth module	MODEL	MUBTC2-CLEVO
MODE	Channel 39	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 67%RH, 988 hPa	TESTED BY	Tony Chen

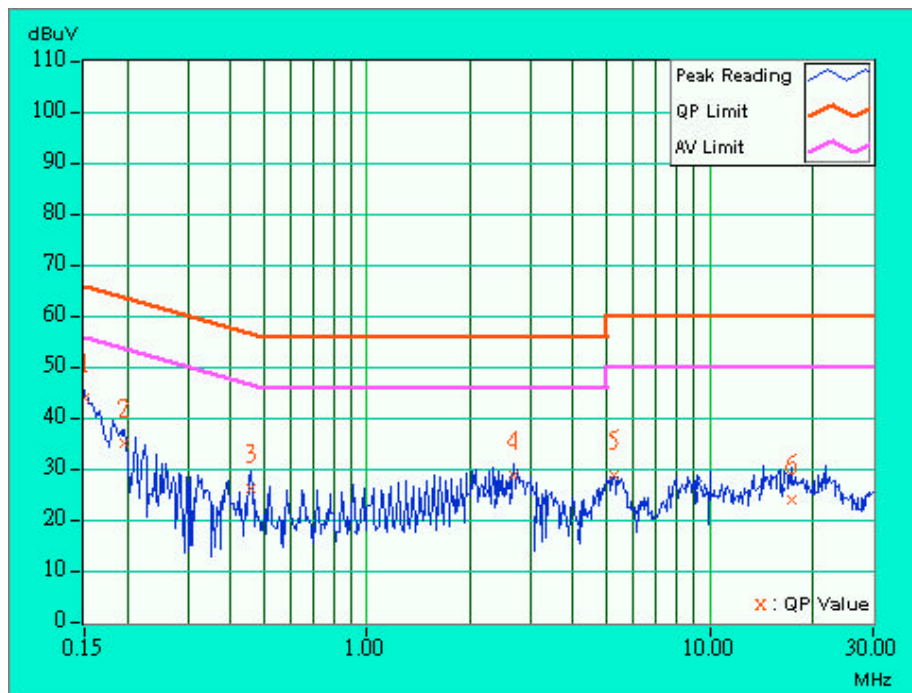| No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.10	43.36	-	43.46	-	66.00	56.00	-22.54	-
2	0.195	0.10	34.40	-	34.50	-	63.81	53.81	-29.31	-
3	0.459	0.10	25.30	-	25.40	-	56.72	46.72	-31.32	-
4	2.673	0.13	27.95	-	28.08	-	56.00	46.00	-27.92	-
5	5.273	0.34	27.84	-	28.18	-	60.00	50.00	-31.82	-
6	17.395	0.90	23.09	-	23.99	-	60.00	50.00	-36.01	-

NOTES: (1) "*": Undetectable
(2) Q.P. and AV. are abbreviations of quasi-peak and average.
(3) "-": The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
(4) The emission levels of other frequencies were very low against the limit.
(5) Correction Factor = Insertion loss + Cable loss
(6) Margin value = Emission level - Limit value

EUT	Bluetooth module	MODEL	MUBTC2-CLEVO
MODE	Channel 39	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 67%RH, 988 hPa	TESTED BY	Tony Chen

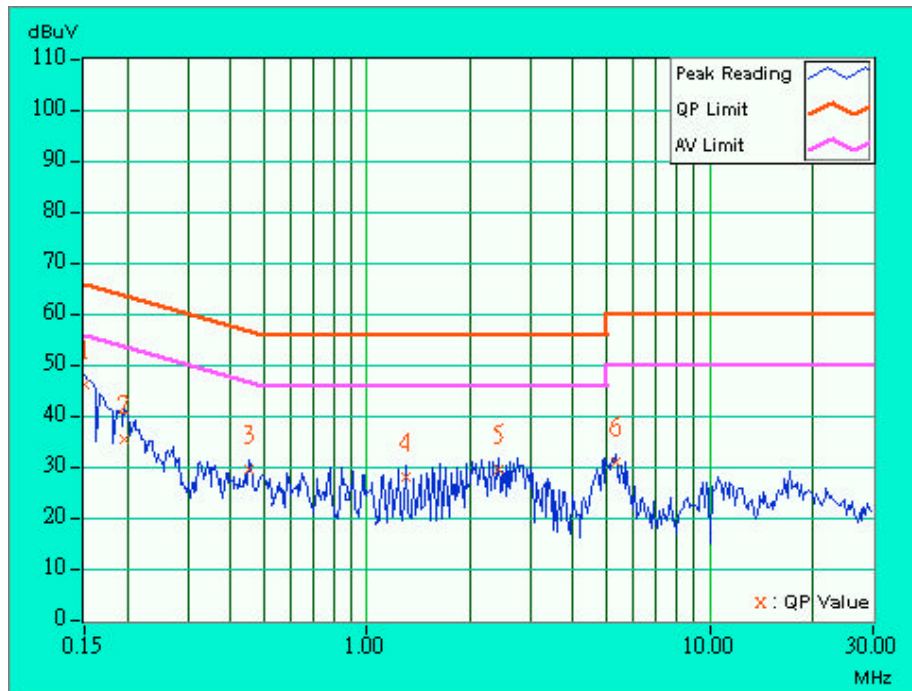| No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	**0.150**	**0.10**	**46.07**	**-**	**46.17**	**-**	**66.00**	**56.00**	**-19.83**	**-**
2	0.197	0.10	35.20	-	35.30	-	63.74	53.74	-28.44	-
3	0.455	0.10	29.18	-	29.28	-	56.79	46.79	-27.51	-
4	1.302	0.10	27.73	-	27.83	-	56.00	46.00	-28.17	-
5	2.412	0.12	29.23	-	29.35	-	56.00	46.00	-26.65	-
6	5.340	0.32	30.65	-	30.97	-	60.00	50.00	-29.03	-

NOTES: (1) "*": Undetectable
      (2) Q.P. and AV. are abbreviations of quasi-peak and average.
      (3) "-": The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
      (4) The emission levels of other frequencies were very low against the limit.
      (5) Correction Factor = Insertion loss + Cable loss
      (6) Margin value = Emission level - Limit value

EUT	Bluetooth module	MODEL	MUBTC2-CLEVO
MODE	Channel 78	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 67%RH, 988 hPa	TESTED BY	Tony Chen

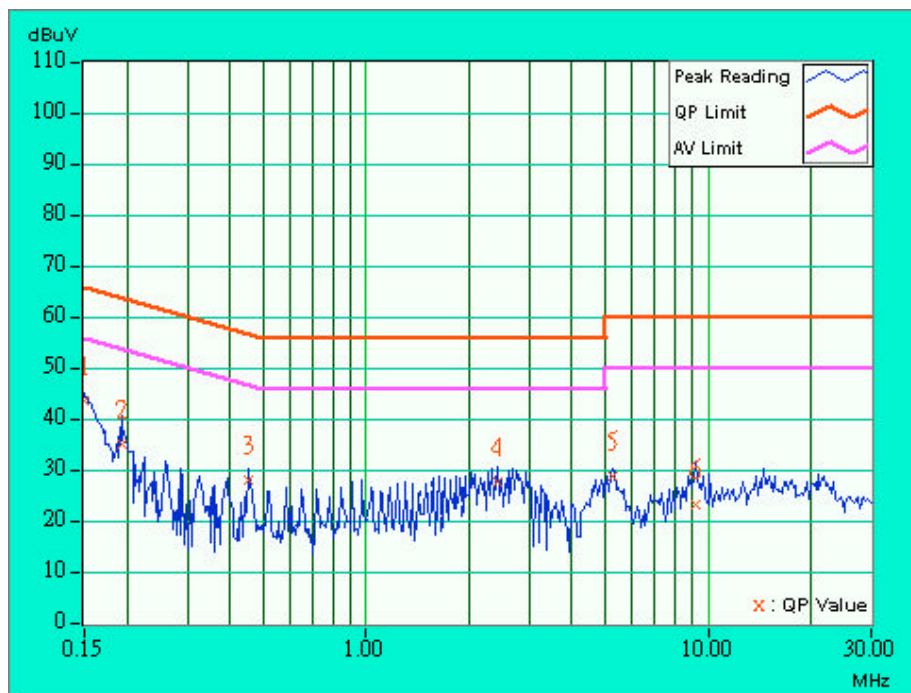| No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.150	0.10	43.10	-	43.20	-	66.00	56.00	-22.80	-
2	0.193	0.10	34.61	-	34.71	-	63.91	53.91	-29.20	-
3	0.455	0.10	27.51	-	27.61	-	56.79	46.79	-29.18	-
4	2.412	0.12	27.36	-	27.48	-	56.00	46.00	-28.52	-
5	5.270	0.34	28.37	-	28.71	-	60.00	50.00	-31.29	-
6	9.172	0.57	22.77	-	23.34	-	60.00	50.00	-36.66	-

NOTES: (1) "*": Undetectable
      (2) Q.P. and AV. are abbreviations of quasi-peak and average.
      (3) "-": The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
      (4) The emission levels of other frequencies were very low against the limit.
      (5) Correction Factor = Insertion loss + Cable loss
      (6) Margin value = Emission level - Limit value

EUT	Bluetooth module	MODEL	MUBTC2-CLEVO
MODE	Channel 78	6dB BANDWIDTH	9 kHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	PHASE	Neurral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 67%RH, 988 hPa	TESTED BY	Tony Chen

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.166	0.10	39.39	-	39.49	-	65.18	55.18	-25.69	-
2	0.199	0.10	34.55	-	34.65	-	63.67	53.67	-29.02	-
3	0.584	0.10	26.16	-	26.26	-	56.00	46.00	-29.74	-
4	2.736	0.14	29.21	-	29.35	-	56.00	46.00	-26.65	-
5	5.273	0.32	31.70	-	32.02	-	60.00	50.00	-27.98	-
6	11.000	0.52	24.08	-	24.60	-	60.00	50.00	-35.40	-

NOTES: (1) "*": Undetectable
(2) Q.P. and AV. are abbreviations of quasi-peak and average.
(3) "-": The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
(4) The emission levels of other frequencies were very low against the limit.
(5) Correction Factor = Insertion loss + Cable loss
(6) Margin value = Emission level - Limit value
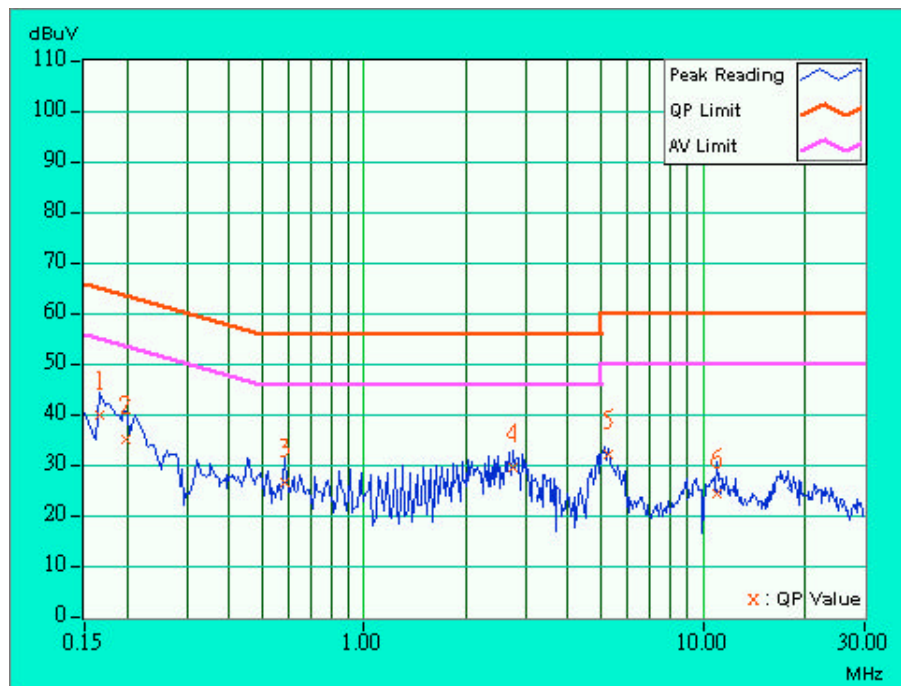
4.2 NUMBER OF HOPPING FREQUENCY USED

4.2.1 LIMIT OF HOPPING FREQUENCY USED

At least 15 hopping frequencies, and should be equally spaced.

4.2.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	July 24, 2003

NOTE:

The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.
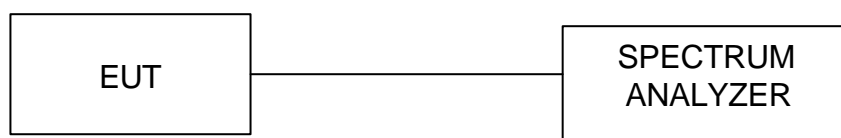
4.2.3 TEST PROCEDURES

1. Check the calibration of the measuring instrument (SA) using either an internal calibrator or a known signal from an external generator.

2. Turn on the EUT and connect its antenna terminal to measurement 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 the SA on MaxHold Mode, and then keep the EUT in hopping mode. Record all the signals from each channel until each one has been recorded.

4. Set the SA on View mode and then plot the result on SA screen.

5. Repeat above procedures until all frequencies measured were complete.
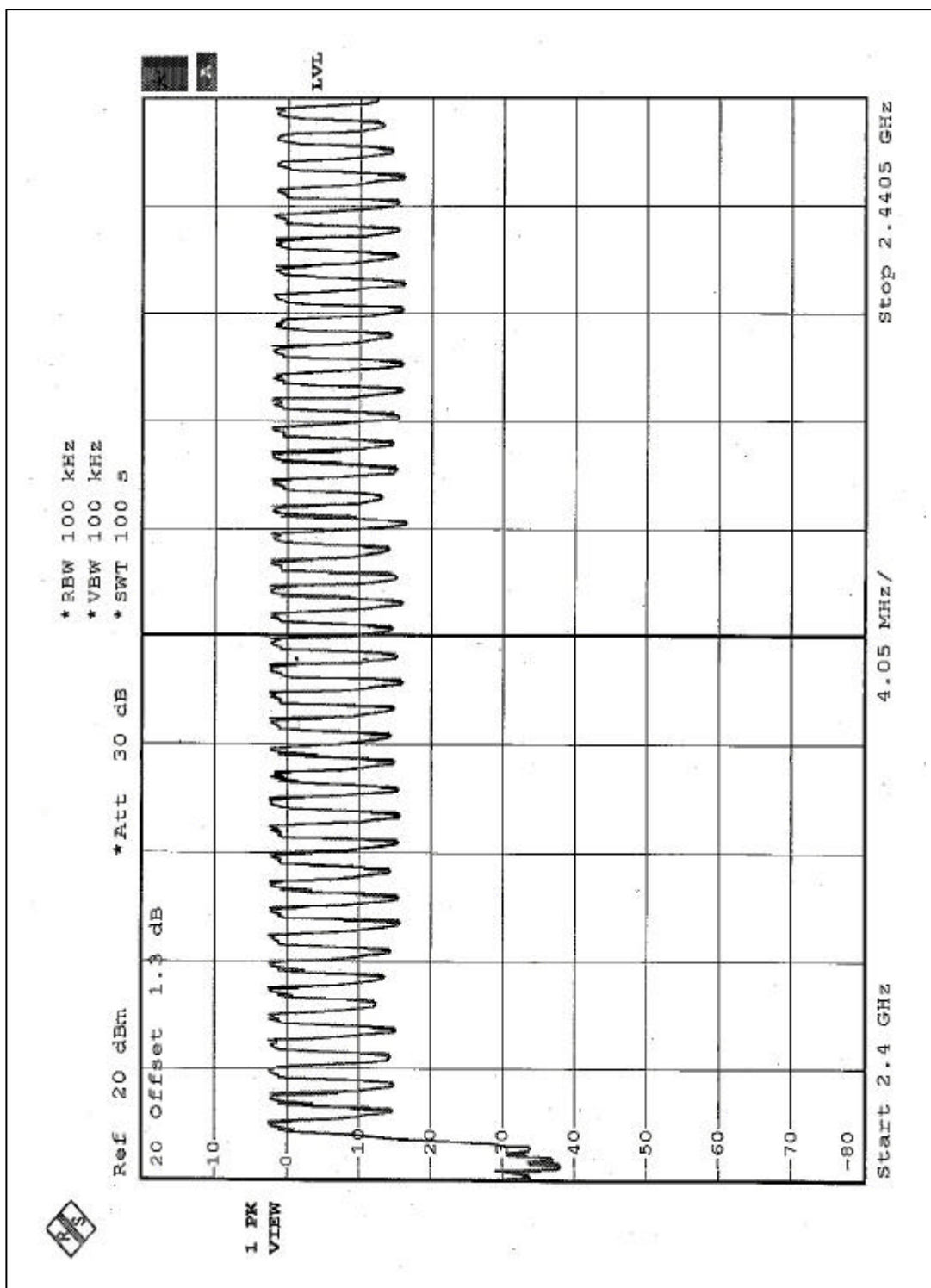
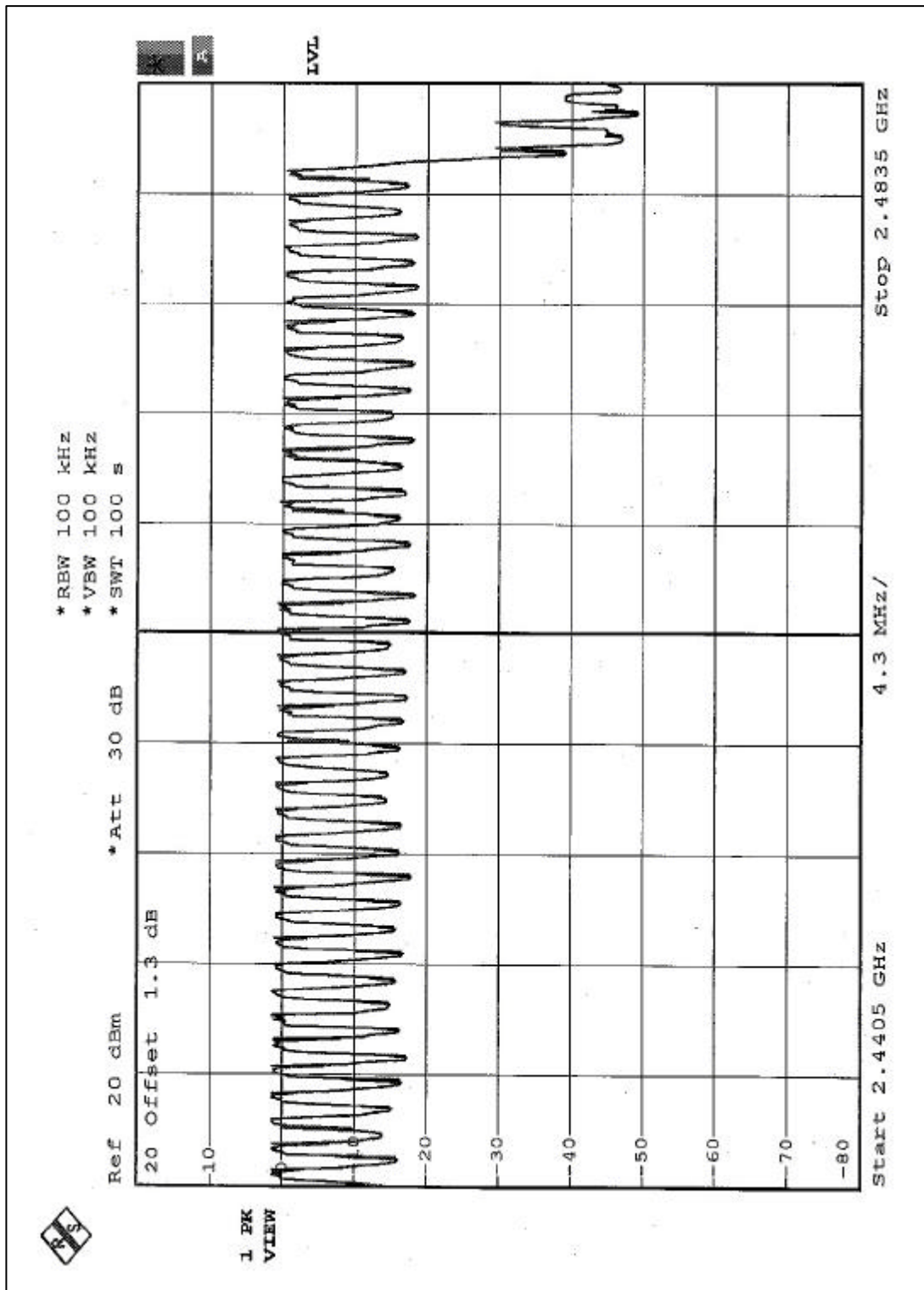## 4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP

```
┌─────────────┐                    ┌─────────────┐
│             │                    │  SPECTRUM   │
│     EUT     │────────────────────│  ANALYZER   │
│             │                    │             │
└─────────────┘                    └─────────────┘
```

4.2.6 TEST RESULTS

There are 79 hopping frequencies in the hopping mode. Please refer to next two pages for the test result. On the plots, it shows that the hopping frequencies are equally spaced.

4.3 DWELL TIME ON EACH CHANNEL

4.3.1 LIMIT OF DWELL TIME USED

For FHSS, the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 31.6 second period. For hybrid systems, the average time of occupancy on any frequency should not exceed 0.4 seconds within a time period in seconds equal to the number of hopping frequencies employed multiplied by 0.4.

4.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	8564EC	4208A00662	Sept. 10, 2003

NOTES:
The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.

4.3.3 TEST PROCEDURES

1. Check the calibration of the measuring instrument (SA) using either an internal calibrator or a known signal from an external generator.
2. Turn on the EUT and connect its antenna terminal to measurement 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. Adjust the center frequency of SA on any frequency be measured and set SA to zero span mode. And then, set RBW and VBW of spectrum analyzer to proper value.
4. Measure the time duration of one transmission on the measured frequency. And then plot the result with time difference of this time duration.
5. Repeat above procedures until all frequencies measured were complete.

4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP

```
+-----------+              +-------------+
|           |              |  SPECTRUM   |
|    EUT    |--------------|  ANALYZER   |
|           |              |             |
+-----------+              +-------------+
```
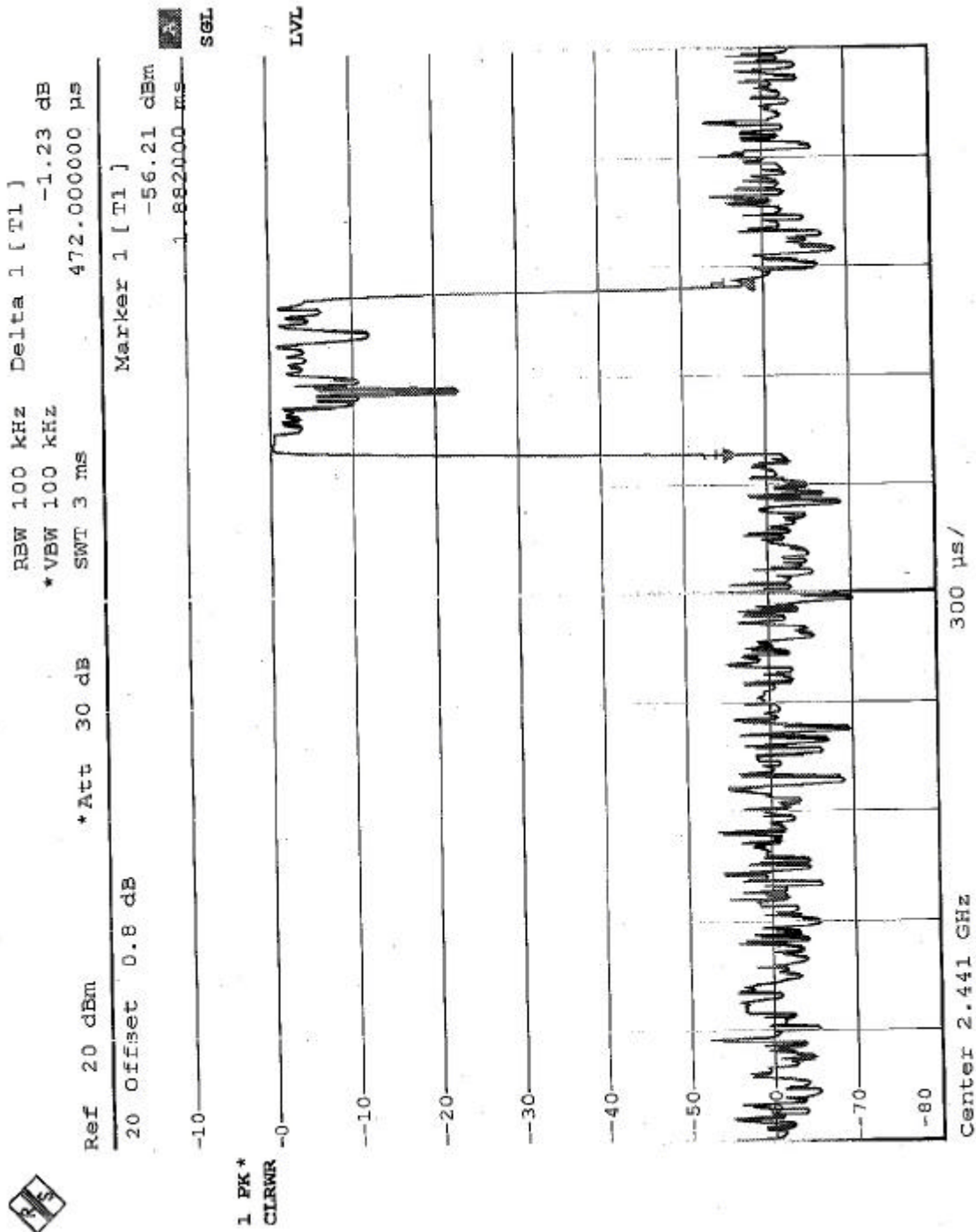
4.3.6 TEST RESULTS

Mode	Number of transmission in a 31.6 (79Hopping*0.4)	Length of transmission time (msec)	Result (msec)	Limit (msec)
DH1	51 times / 5 sec *6.32=322.32 times	0.472	152.14	400
DH3	27 times / 5 sec *6.32=170.64 times	1.74	296.91	400
DH5	16 times / 5 sec *6.32=101.2 times	2.988	302.39	400

Test plots of the transmitting time slot are shown on next six pages.
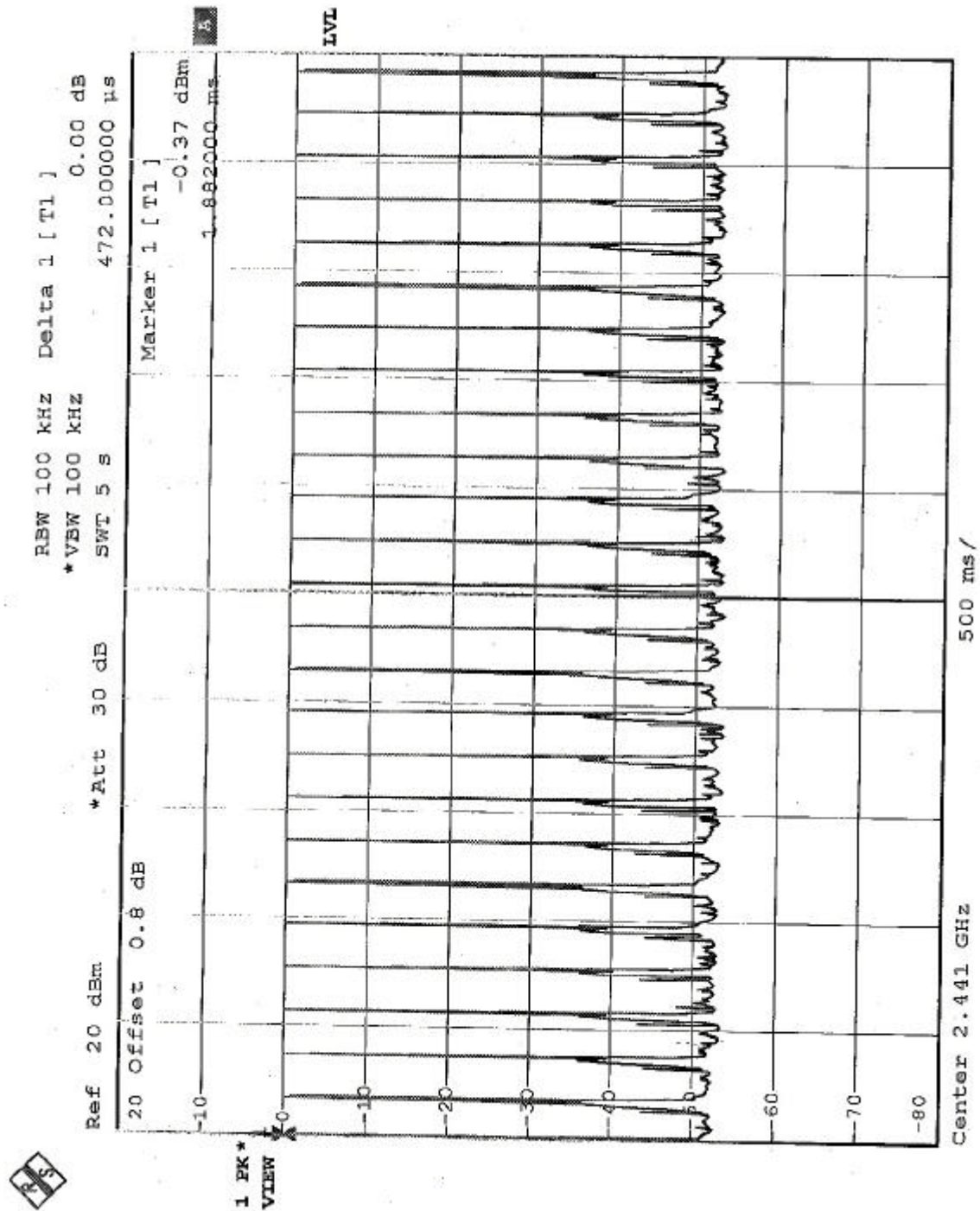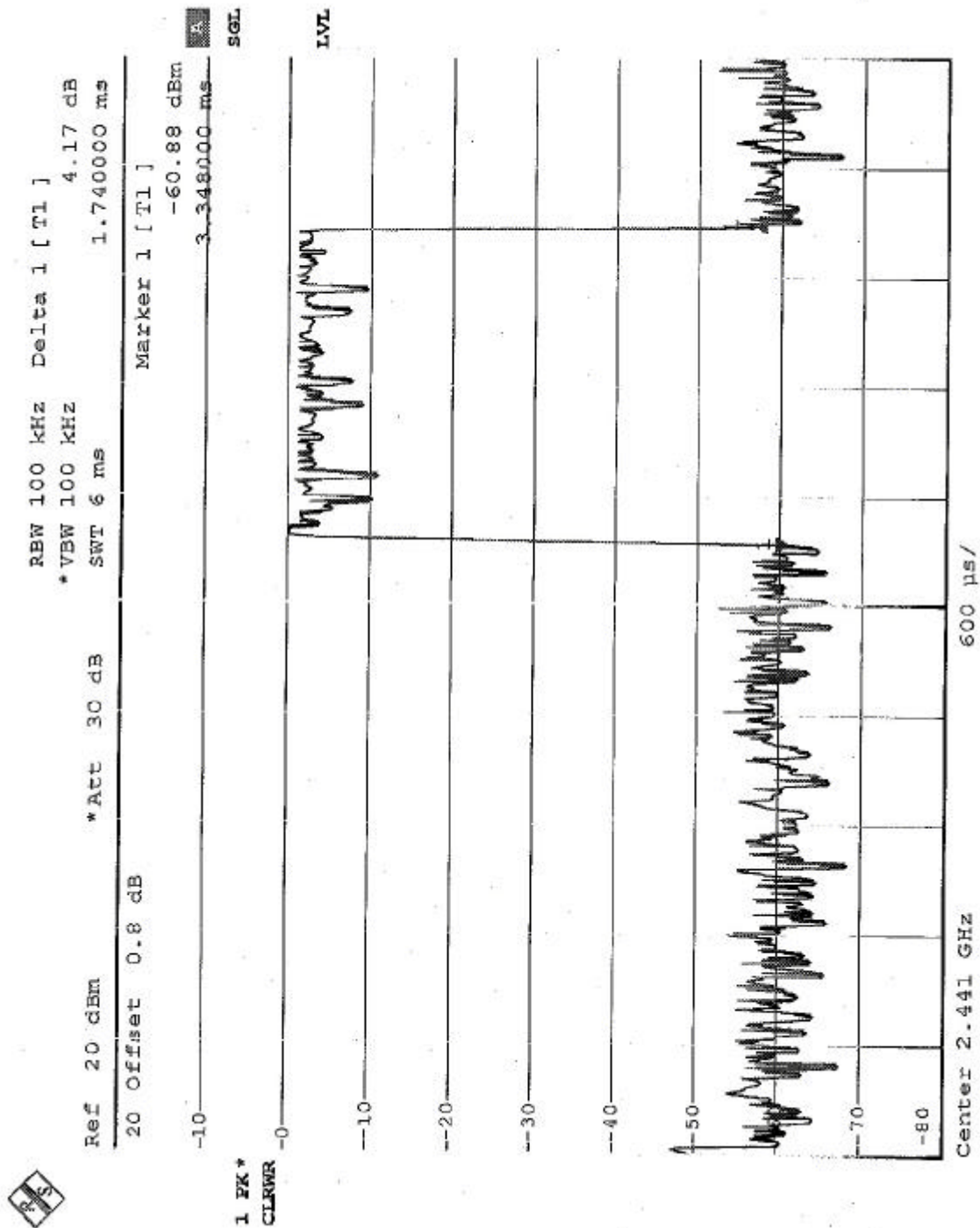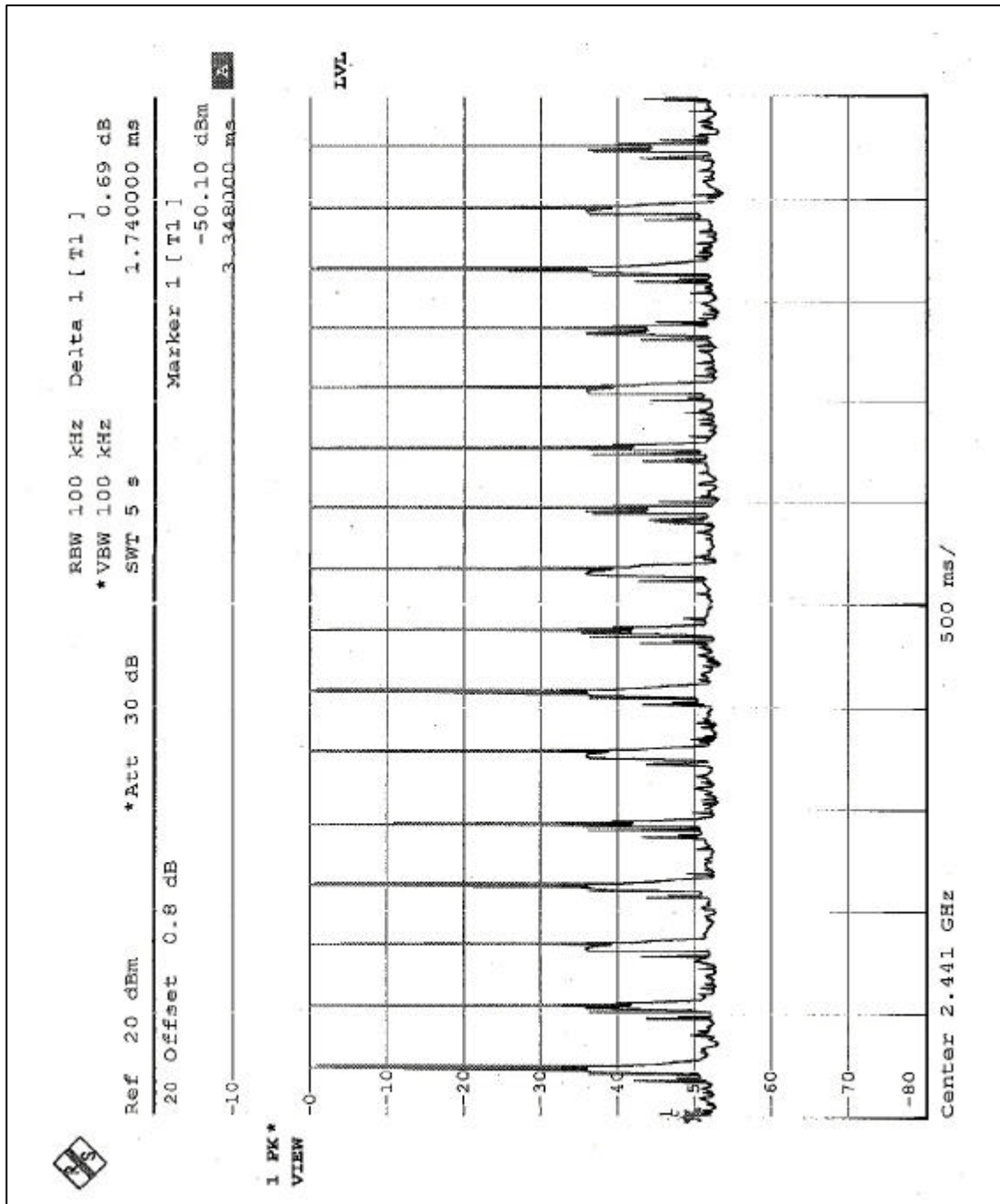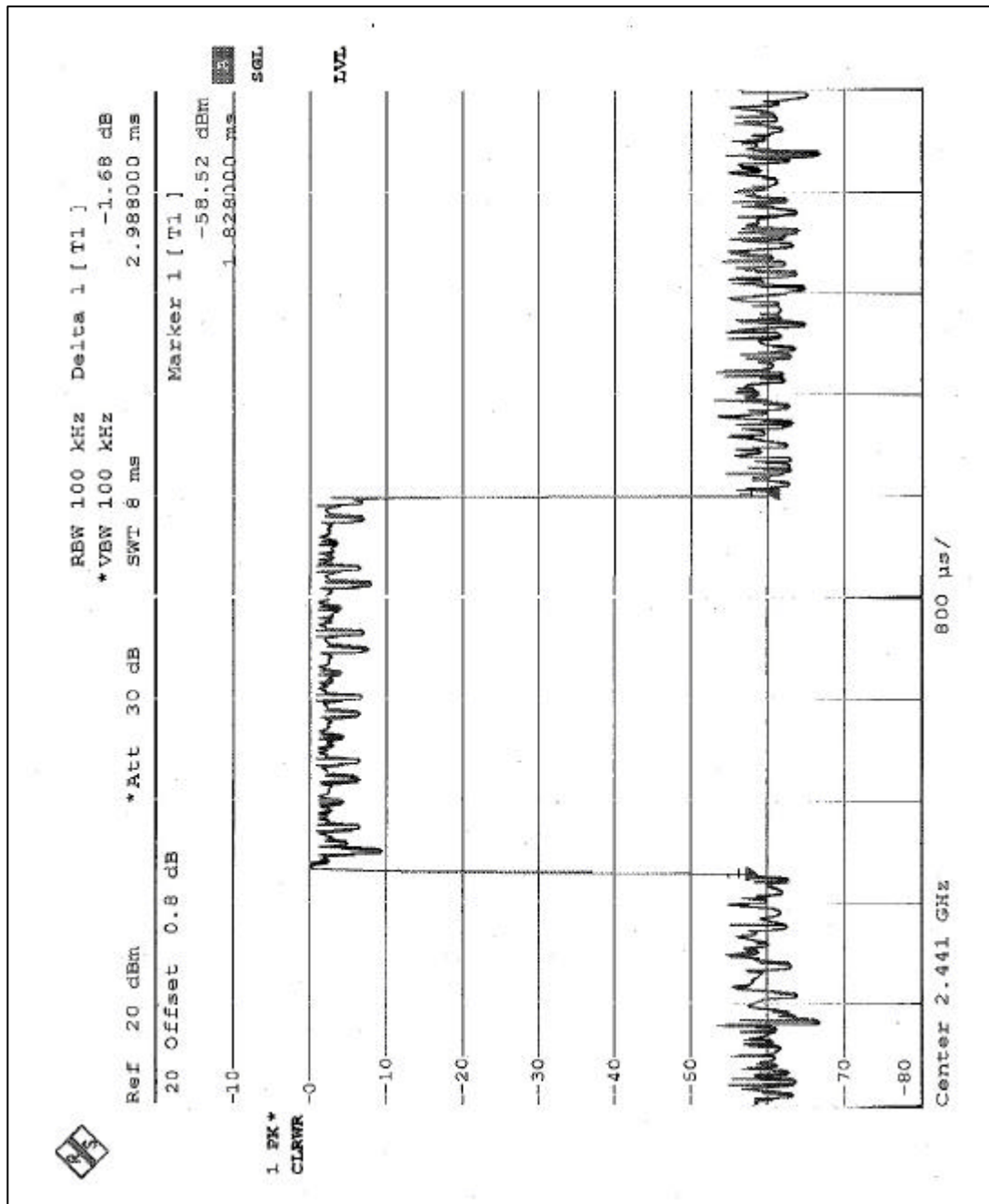
DH1
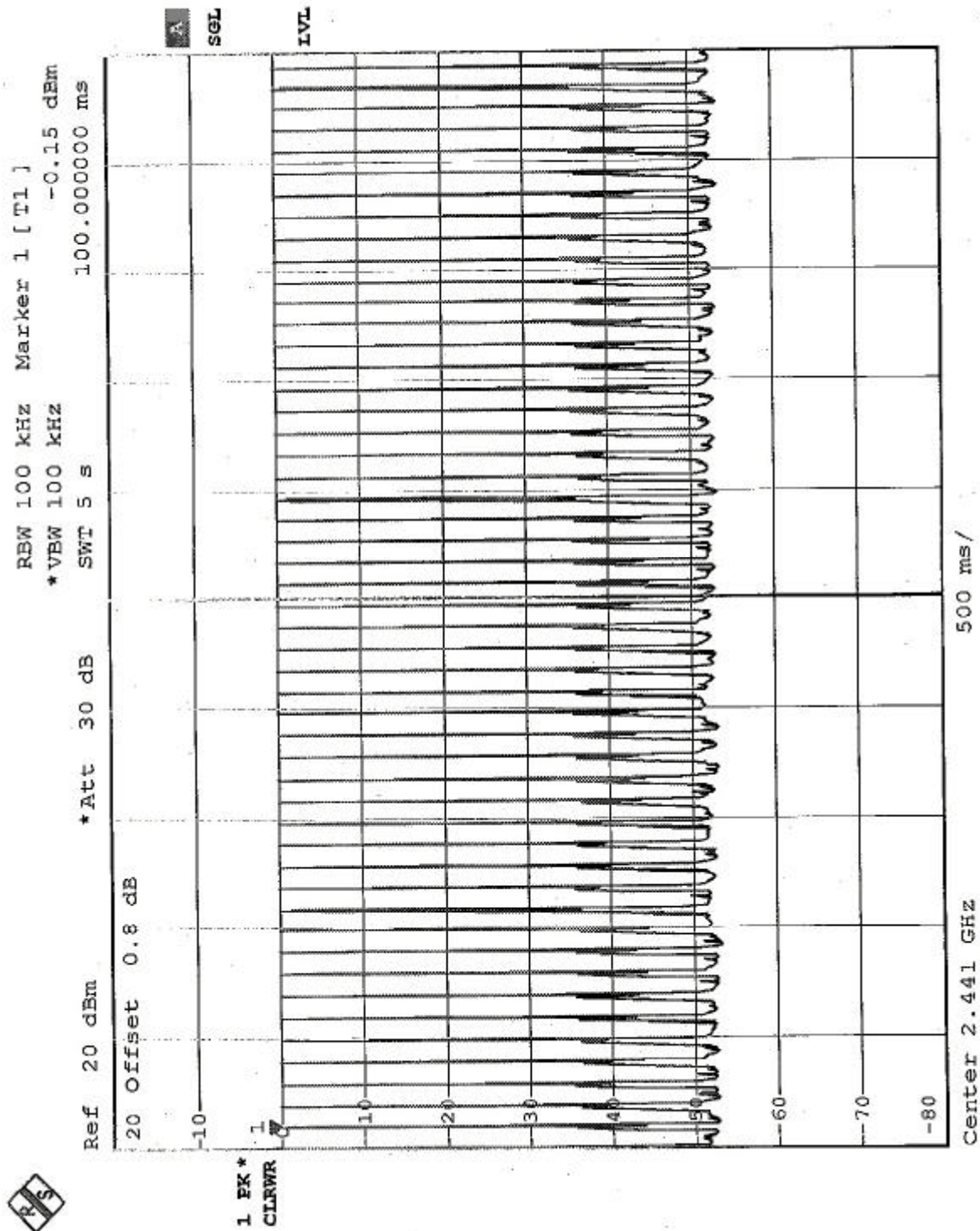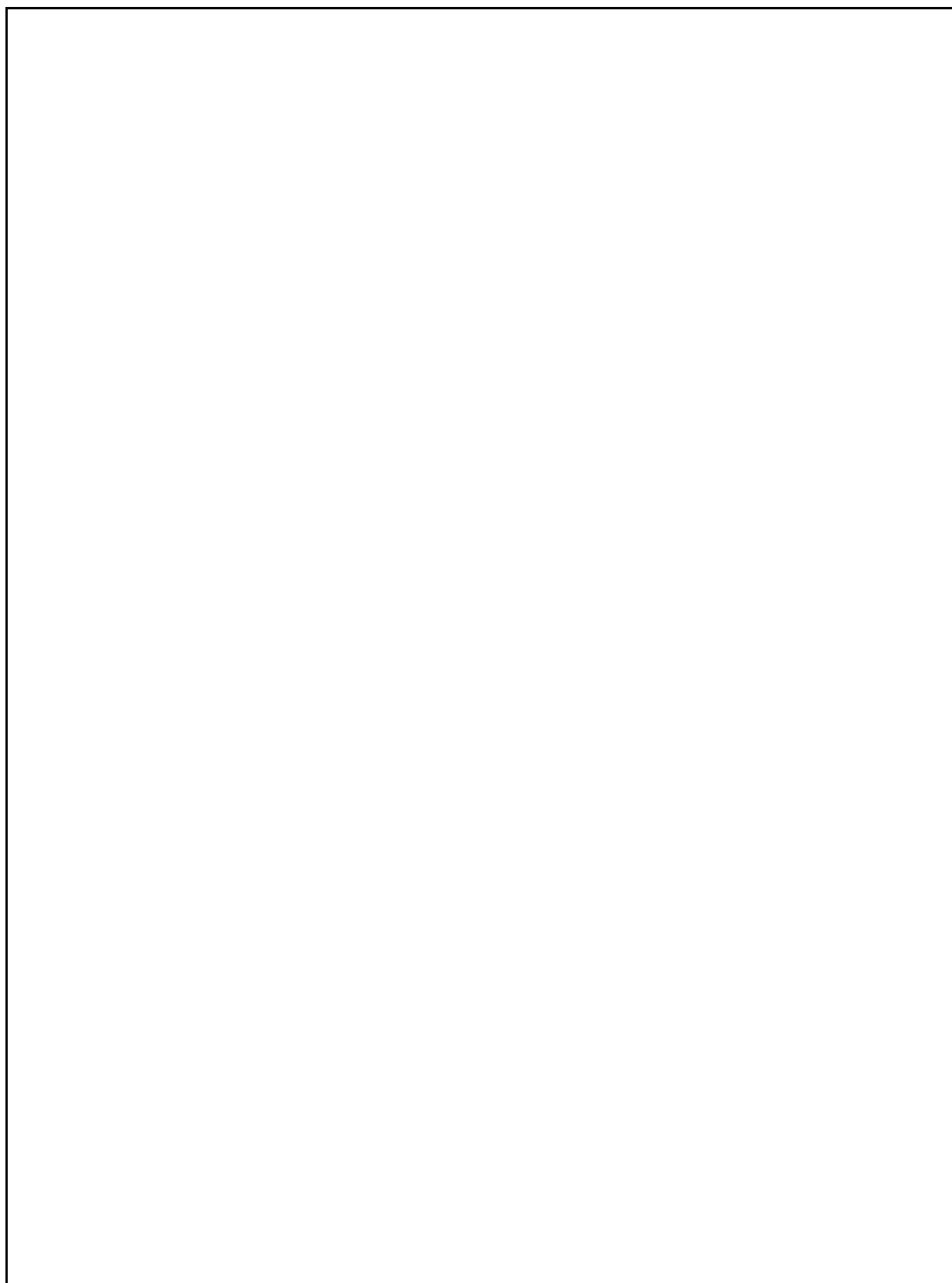
DH3

DH5

4.4 CHANNEL BANDWIDTH

4.4.1 LIMITS OF CHANNEL BANDWIDTH

For frequency hopping system operating in the 2400-2483.5 MHz and 5725-5850 MHz bands, the maximum 20 dB bandwidth of the hopping channel is 1 MHz.

4.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSP	1093.4495.30	Dec. 19, 2003

NOTE:
1. The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.4.3 TEST PROCEDURE

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. 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 20dB from the reference level. Record the frequency difference as the emission bandwidth.
4. Repeat above procedures until all frequencies measured were complete.

4.4.4 DEVIATION FROM TEST STANDARD

No deviation

4.4.5 TEST SETUP

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┌─────────────┐                 ┌─────────────┐
│             │                 │             │
│     EUT     │─────────────────│  SPECTRUM   │
│             │                 │  ANALYZER   │
└─────────────┘                 └─────────────┘
```
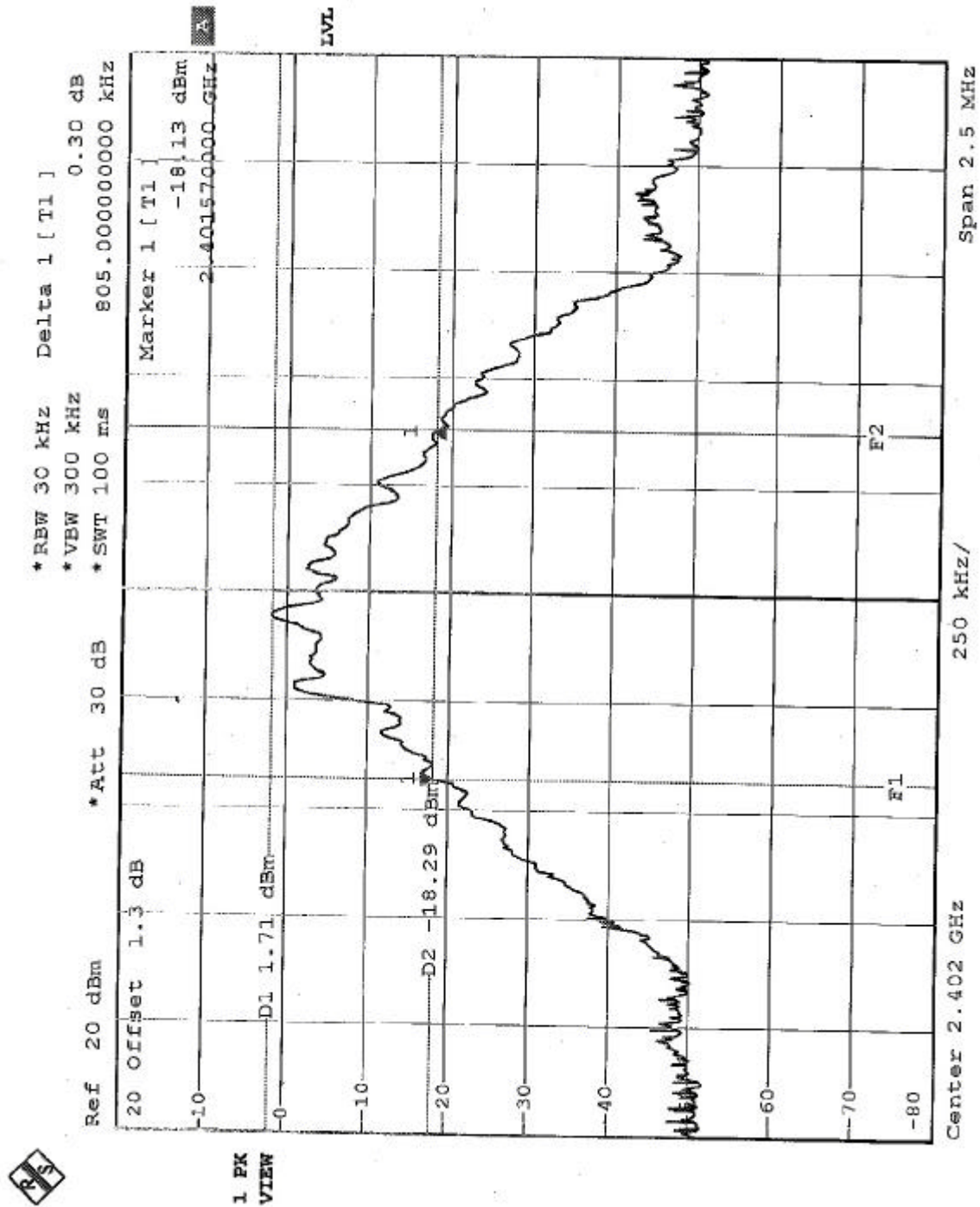
4.4.6 EUT OPERATING CONDITION

The software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel frequencies individually.
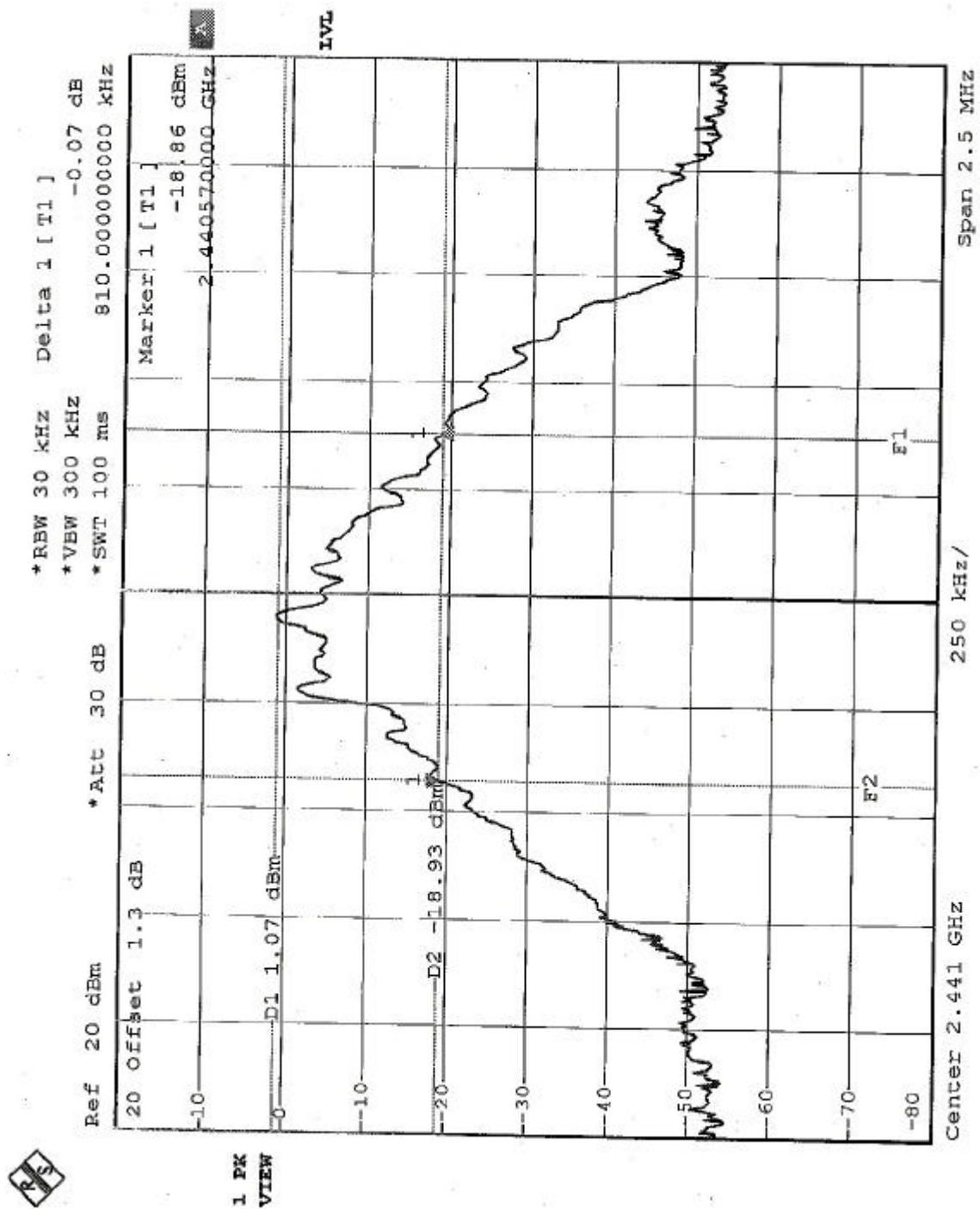
4.4.7   TEST RESULTS

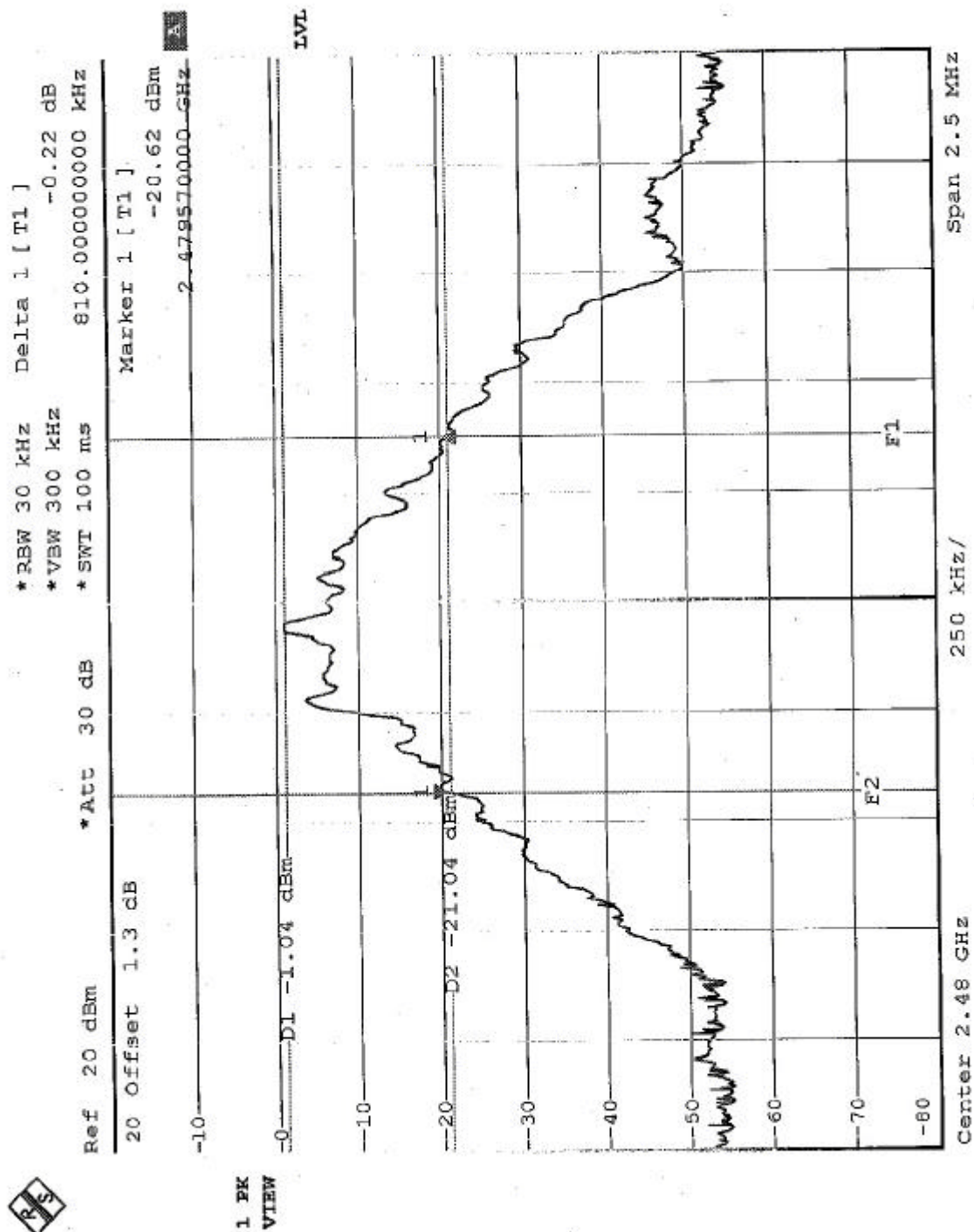| CHANNEL	CHANNEL FREQUENCY (MHz)	20dB BANDWIDTH (kHz)	MAXIMUM LIMIT (MHz)	PASS/FAIL
0	2402	0.805	1	PASS
39	2441	0.810	1	PASS
78	2480	0.810	1	PASS

Channel 0

Channel 39

Channel 78

4.5 HOPPING CHANNEL SEPARATION

4.5.1 LIMIT OF HOPPING CHANNEL SEPARATION

At least 25KHz or 20dB bandwidth (whichever is greater).

4.5.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	July 24, 2003

NOTES:

The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.

4.5.3 TEST PROCEDURES

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range.
3. By using the MaxHold function record the separation of two adjacent channels.
4. Measure the frequency difference of these two adjacent channels by SA MARK function. And then plot the result on SA screen.
5. Repeat above procedures until all frequencies measured were complete.

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP

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┌─────────────┐              ┌─────────────┐
│             │              │             │
│     EUT     │──────────────│  SPECTRUM   │
│             │              │  ANALYZER   │
└─────────────┘              └─────────────┘
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