

FCC TEST REPORT

REPORT NO.: RF930908L02

MODEL NO.: 7525S

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APPLICANT: Psion Teklogix Inc.

ADDRESS: 2100 Meadowvale Boulevard Mississauga,
Ontario L5N 7J9, Canada

ISSUED BY: Advance Data Technology Corporation

LAB ADDRESS: 47 14th Ling, Chia Pau Tsuen, Lin Kou Hsiang
244, Taipei Hsien, Taiwan, R.O.C.

TEST LOCATION: No. 19, Hwa Ya 2nd Rd., Wen Hwa Tsuen,
Kwei Shan Hsiang, Taoyuan Hsien 333,
Taiwan, R.O.C.

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0528
ILAC MRA



No. 2177-01



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1 CERTIFICATION

PRODUCT : Hand-held Micro-computer
MODEL NO. : 7525S
BRAND NAME : WORKABOUT PRO
APPLICANT : Psion Teklogix Inc.
TESTED DATE: Sep. 13 ~ Sep. 23, 2004
TEST SAMPLE : Engineering Sample
STANDARDS : FCC Part 15, Subpart C (Section 15.247),
ANSI C63.4-2001

The above equipment has been tested by **Advance Data Technology Corporation**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : Windy Chou , **DATE:** Sep. 27, 2004
(Windy Chou)

TECHNICAL
ACCEPTANCE : Gary Chang , **DATE:** Sep. 27, 2004
Responsible for RF (Gary Chang)

APPROVED BY : Cody Chang , **DATE:** Sep. 27, 2004
(Cody Chang,
Deputy Manager)

2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

For Bluetooth Function

APPLIED STANDARD: FCC 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 -10.31dB at 0.181 MHz
15.247(a)(1)(iii)	Number of Hopping Frequency Used Spec.: At least 15 channels	PASS	Meet the requirement of limit
15.247(a)(1)(iii)	Dwell Time on Each Channel Spec. : Max. 0.4 second within 31.6 second	PASS	Meet the requirement of limit
15.247(a)(1)	Hopping Channel Separation Spec. : Min. 25 kHz or 20 dB bandwidth, which ever is greater	PASS	Meet the requirement of limit
15.247(a)(1)	Spectrum Bandwidth of a Frequency Hopping Sequence Spread Spectrum System	NA	NA
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 -1.48dB at 199.12MHz
15.247(c)	Band Edge Measurement	PASS	Meet the requirement of limit



For Wireless Function

APPLIED STANDARD: FCC 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 -9.86dB at 0.181MHz
15.247(a)(2)	Spectrum Bandwidth of a Direct Sequence Spread Spectrum System Limit: min. 500kHz	PASS	Meet the requirement of limit
15.247(b)	Maximum Peak Output Power Limit: max. 30dBm	PASS	Meet the requirement of limit
15.247(c)	Transmitter Radiated Emissions Limit: Table 15.209	PASS	Meet the requirement of limit Minimum passing margin is -1.56dB at 105.81MHz
15.247(d)	Power Spectral Density Limit: max. 8dBm	PASS	Meet the requirement of limit
15.247(c)	Band Edge Measurement Limit: 20 dB less than the peak value of fundamental frequency	PASS	Meet the requirement of limit

2.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4:

Measurement	Frequency	Uncertainty
Conducted emissions	9k~30MHz	2.44 dB
Radiated emissions	30MHz ~ 200MHz	3.63 dB
	200MHz ~1000MHz	3.65 dB
	1GHz ~ 18GHz	2.20 dB
	18GHz ~ 40GHz	1.88 dB

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Hand-held Micro-computer
MODEL NO.	7525S
POWER SUPPLY	5.0Vdc from AC adapter 3.7Vdc from battery
MODULATION TYPE	FHSS, DSSS
MODULATION TECHNOLOGY	GFSK, BPSK, QPSK, CCK
FREQUENCY RANGE	For GFSK: 2402MHz ~ 2480MHz For CCK: 2412MHz ~ 2462MHz
NUMBER OF CHANNEL	For GFSK: 79 For CCK: 11
OUTPUT POWER (FOR GFSK)	0.372 mW
OUTPUT POWER (FOR CCK)	20.42 mW
ANTENNA TYPE	For GFSK: PCB antenna with 3.94dBi antenna gain For CCK: Chip antenna with 2.5dBi antenna gain
DATA CABLE	20cm TETHER cable
I/O PORTS	RJ45, USB, TETHER
ASSOCIATED DEVICES	NA

NOTE:

1. Wireless and Bluetooth technology are used for the EUT. There was a wireless card which model: RA2015 provided to the PDA computer.
2. The EUT has the function of scanner.
3. The EUT was operated with following Adapter.

Brand	LI SHIN INTERNATIONAL ENTERPRISE CORP.
Model No.	LSE9912B0515
Input power	100-240Vac , 50/60Hz, 0.6A
Output power	5Vdc, 3.0A

Note: This adapter was connected to the cradle and tether cable for charging.

4. The above EUT information was declared by the manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.



3.2 DESCRIPTION OF TEST MODES

For GFSK:

Seventy-nine channels are provided to this EUT.

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2431	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461		

NOTE:

1. Below 1 GHz, the channel 0, 39, and 78 were pre-tested in chamber. The channel 78, worst case one, was chosen for final test.
2. Above 1 GHz, the channel 0, 39, and 78 were tested individually.

For CCK:

Eleven channels are provided to this EUT.

Channel	Frequency	Channel	Frequency
1	2412 MHz	7	2442 MHz
2	2417 MHz	8	2447 MHz
3	2422 MHz	9	2452 MHz
4	2427 MHz	10	2457 MHz
5	2432 MHz	11	2462 MHz
6	2437 MHz		

NOTE:

1. Below 1 GHz, the channel 1, 6, and 11 were pre-tested in chamber. The channel 11, worst case one, was chosen for final test.
2. Above 1 GHz, the channel 1, 6, and 11 were tested individually.
3. From our experience and technical viewpoint, we have chosen data rates 11Mbps for CCK technique as the worst case for the test among other data rates.

Remark:

Both the GFSK and CCK Modulation Technology, there are several test modes presented in the following section. Please refer to the table as below:

Modulation Type	Test Item	Test Mode	Description
DSSS & GFSK	Conduction	A	The EUT + cradle (with battery) + scan + charging function
		B	The EUT + tether cable + scan + charging function
	Radiation	A	The EUT + cradle (with battery) + scan + charging function
		B	The EUT + tether cable + scan + charged function (X, Y, Z axis)
		C	The EUT only (X, Y, Z axis)

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a Hand-held Micro-computer. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C. (15.247)
ANSI C63.4 : 2001

All test items 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

For Test Mode A

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	NOTEBOOK COMPUTER	DELL	PP05L	9954115984	E2K24CLNS
2	PRINTER	EPSON	LQ-300+	DCGY054147	FCC DoC Approved
3	MODEM	ACEEX	1414V/3	0401008269	IFAXDM1414

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	NA
2	1.2m braid shielded wire, terminated with DB25 and Centronics connector via metallic frame, w/o core
3	1.2 m braid shielded w/o core.

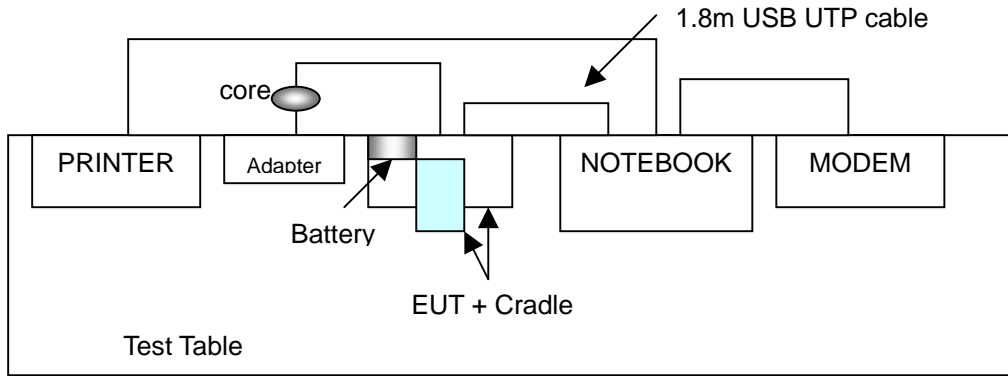
NOTE: All power cords of the above support units are non shielded (1.8m).

For Test Mode B & C

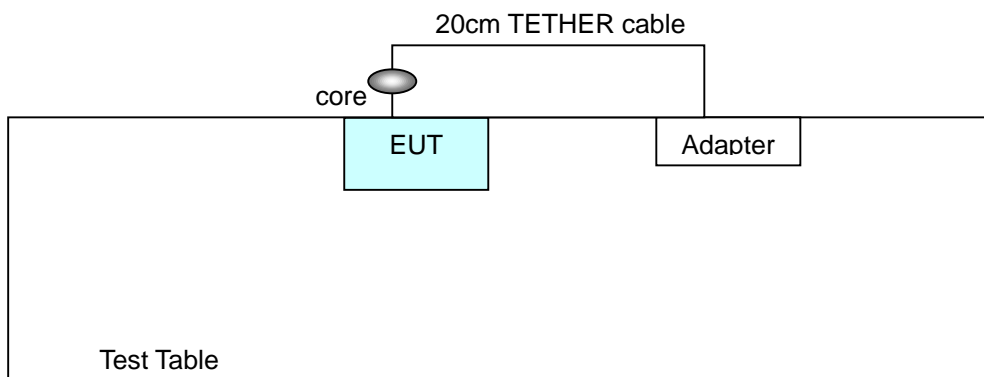
NA

3.5 CONFIGURATION OF SYSTEM UNDER TEST

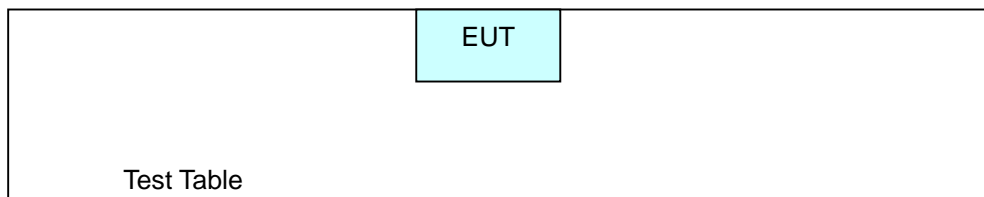
For Test Mode A



For Test Mode B



For Test Mode C



FOR BLUETOOTH FUNCTION

4 TEST PROCEDURES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dB μ V)	
	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
Test Receiver ROHDE & SCHWARZ	ESCS30	100291	Dec. 12, 2004
RF signal cable Woken	5D-FB	Cable-HYC01-01	Mar. 02, 2005
LISN ROHDE & SCHWARZ	ESH3-Z5	100312	Mar. 03, 2005
LISN ROHDE & SCHWARZ	ESH2-Z5	100104	Mar. 02, 2005
Software ADT	ADT_Cond_V3	NA	NA

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Shielded Room 1.
 3. The VCCI Site Registration No. is C-2040.

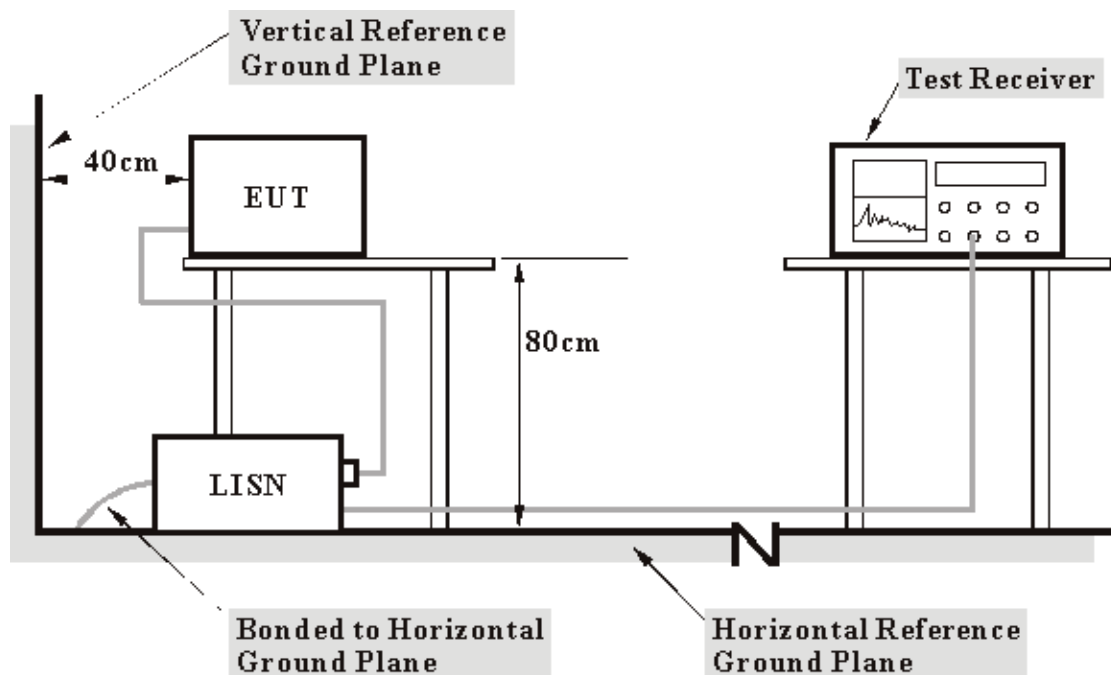
4.1.3 TEST PROCEDURES

- 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.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under Limit - 20dB was not recorded.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



- Note:**
- Support units were connected to second LISN.
 - 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

For Test Mode A

- a. Connect EUT to the Notebook system via USB cable placed on a testing table.
- b. The EUT was powered 5Vdc from the Notebook via USB and it was charge condition.
- c. The notebook system ran a test program (provided by manufacturer) to enable EUT under transmission/receiving condition continuously at specific channel frequency.
- d. The computer system sent "H" messages to its screen.
- e. The computer system sent "H" messages to modem.
- f. The computer system sent "H" messages to printer, and the printer printed them on paper.
- g. Steps d ~ f were repeated.

For Test Mode B

- a. Place the EUT on the test table.
- b. The EUT was connected via the TETHER with the power adapter. The EUT was charge condition.
- c. The notebook system ran a test program (provided by manufacturer) to enable EUT under transmission/receiving condition continuously at specific channel frequency.

For Test Mode C

- a. Place the EUT on the test table.
- b. The EUT was powered 3.7Vdc from battery.
- c. The EUT ran a test program (provided by manufacturer) to under transmission/receiving condition continuously at specific channel frequency.

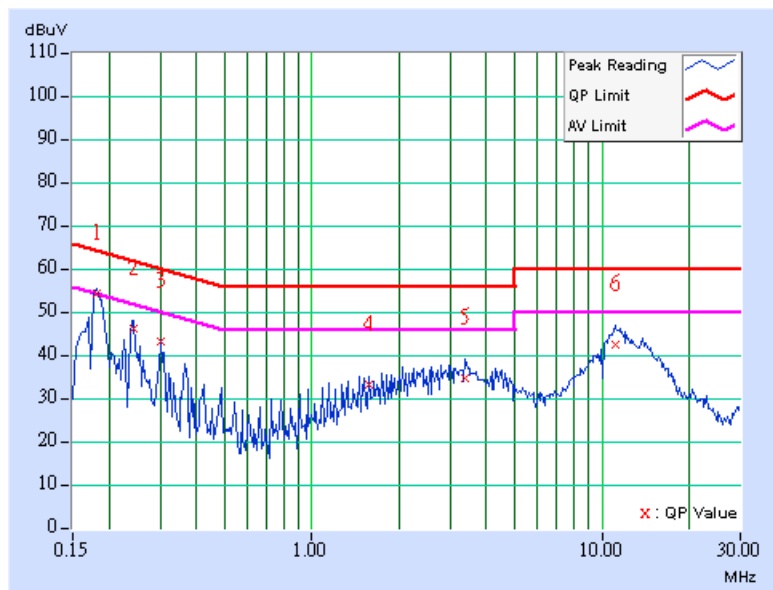


4.1.7 TEST RESULTS

EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	0	6dB BANDWIDTH	9 kHz
TEST MODE	A	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	53.99	-	54.10	-	64.43	54.43	-10.32	-
2	0.244	0.12	45.73	-	45.85	-	61.97	51.97	-16.12	-
3	0.302	0.12	43.06	-	43.18	-	60.18	50.18	-16.99	-
4	1.570	0.16	32.76	-	32.92	-	56.00	46.00	-23.08	-
5	3.383	0.19	34.54	-	34.73	-	56.00	46.00	-21.27	-
6	11.105	0.41	42.20	-	42.61	-	60.00	50.00	-17.39	-

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

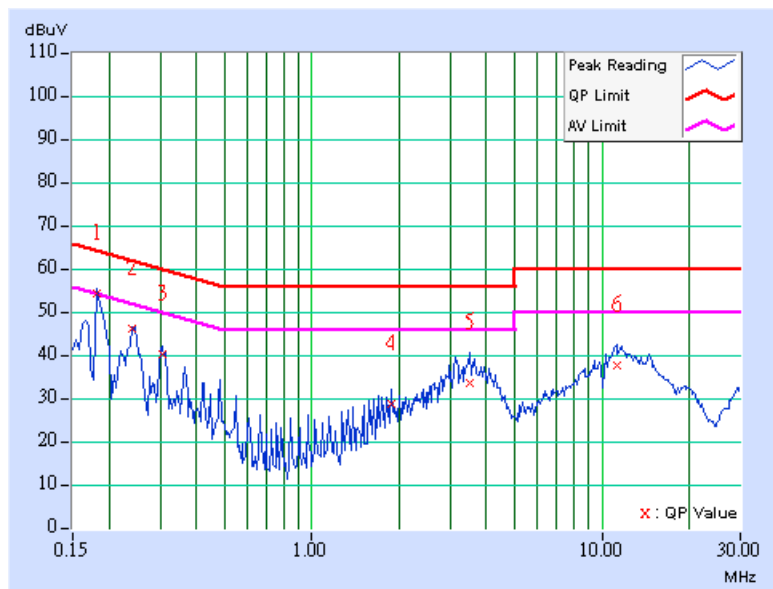




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	0	6dB BANDWIDTH	9 kHz
TEST MODE	A	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	54.01	-	54.12	-	64.43	54.43	-10.31	-
2	0.240	0.11	45.88	-	45.99	-	62.10	52.10	-16.11	-
3	0.306	0.11	40.06	-	40.17	-	60.07	50.07	-19.90	-
4	1.871	0.16	28.57	-	28.73	-	56.00	46.00	-27.27	-
5	3.504	0.19	33.30	-	33.49	-	56.00	46.00	-22.51	-
6	11.223	0.37	37.58	-	37.95	-	60.00	50.00	-22.05	-

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

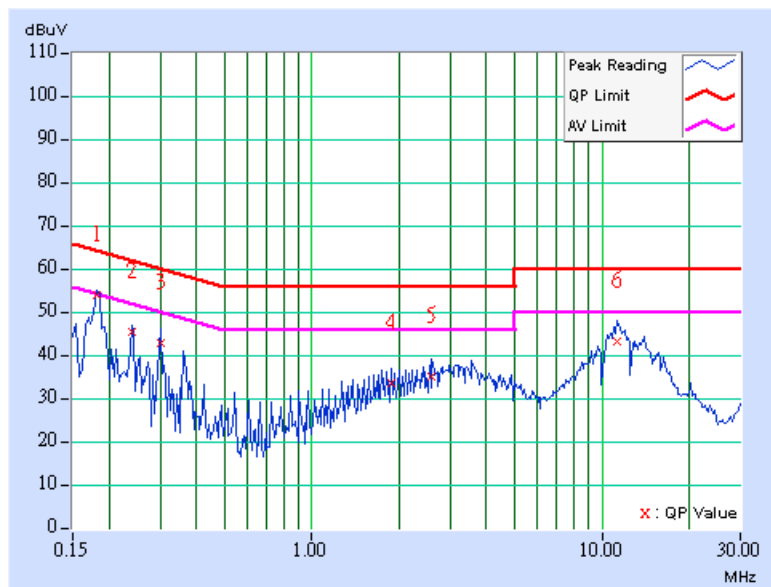




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	39	6dB BANDWIDTH	9 kHz
TEST MODE	A	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	53.77	-	53.88	-	64.43	54.43	-10.54	-
2	0.240	0.12	45.12	-	45.24	-	62.10	52.10	-16.86	-
3	0.302	0.12	42.58	-	42.70	-	60.18	50.18	-17.47	-
4	1.871	0.16	33.34	-	33.50	-	56.00	46.00	-22.50	-
5	2.594	0.17	34.60	-	34.77	-	56.00	46.00	-21.23	-
6	11.277	0.42	42.80	-	43.22	-	60.00	50.00	-16.78	-

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

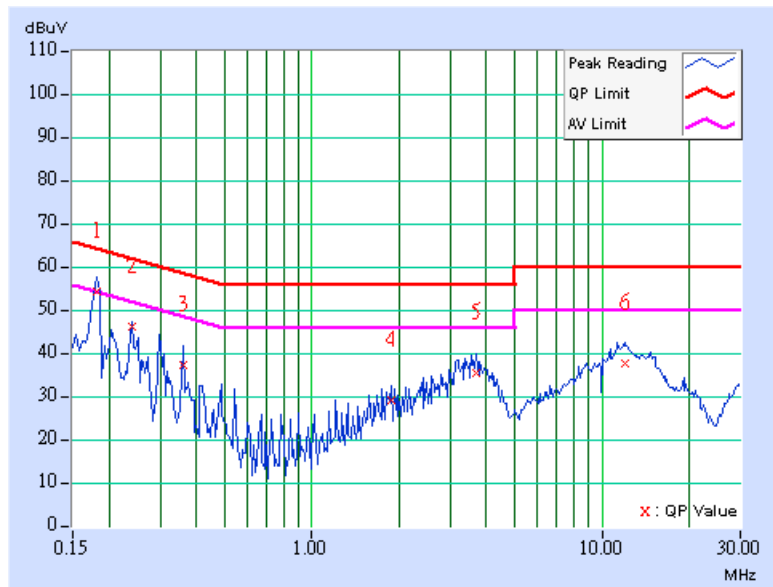




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	39	6dB BANDWIDTH	9 kHz
TEST MODE	A	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	53.91	-	54.02	-	64.43	54.43	-10.41	-
2	0.240	0.11	45.82	-	45.93	-	62.10	52.10	-16.17	-
3	0.361	0.12	36.82	-	36.94	-	58.71	48.71	-21.77	-
4	1.871	0.16	28.95	-	29.11	-	56.00	46.00	-26.89	-
5	3.684	0.19	34.97	-	35.16	-	56.00	46.00	-20.84	-
6	11.945	0.42	37.32	-	37.74	-	60.00	50.00	-22.26	-

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

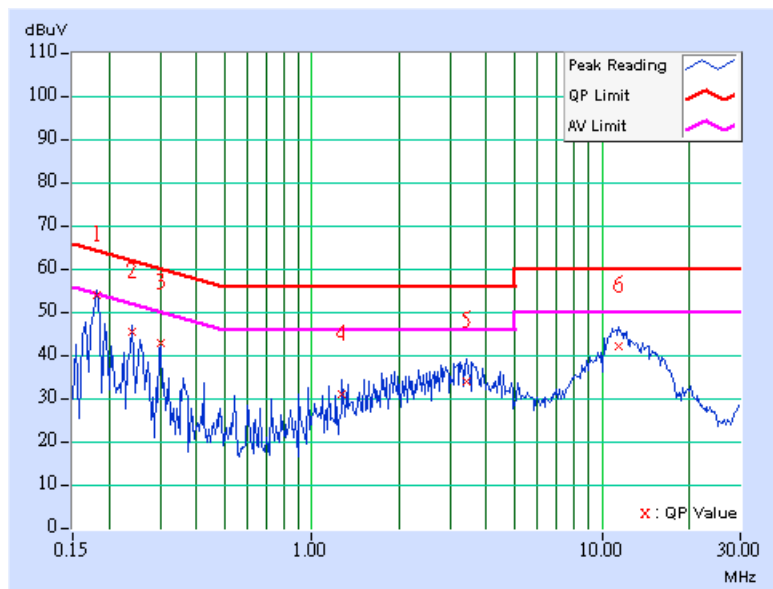




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	6dB BANDWIDTH	9 kHz
TEST MODE	A	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	53.63	-	53.74	-	64.43	54.43	-10.68	-
2	0.240	0.12	45.04	-	45.16	-	62.10	52.10	-16.94	-
3	0.302	0.12	42.56	-	42.68	-	60.18	50.18	-17.49	-
4	1.266	0.15	30.83	-	30.98	-	56.00	46.00	-25.02	-
5	3.438	0.19	33.46	-	33.65	-	56.00	46.00	-22.35	-
6	11.457	0.44	41.85	-	42.29	-	60.00	50.00	-17.71	-

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

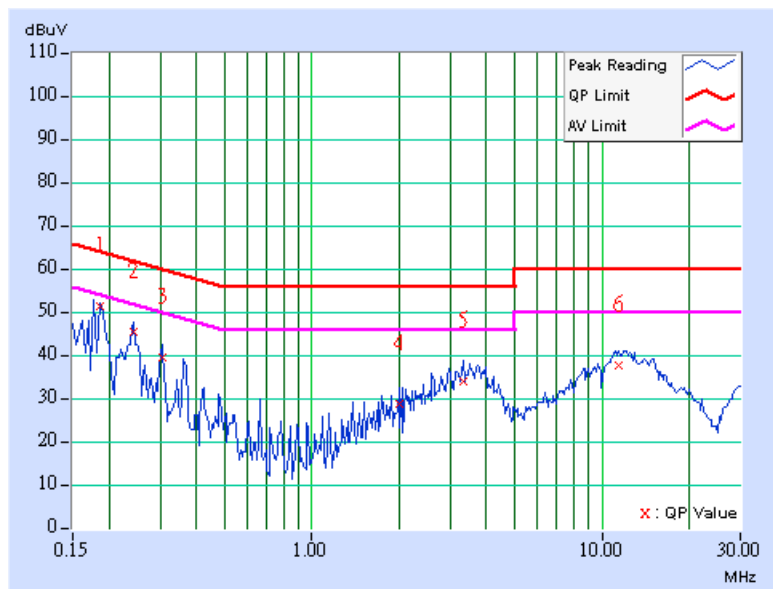




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	6dB BANDWIDTH	9 kHz
TEST MODE	A	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.185	0.11	51.06	-	51.17	-	64.25	54.25	-13.08	-
2	0.244	0.11	45.29	-	45.40	-	61.97	51.97	-16.57	-
3	0.306	0.11	39.26	-	39.37	-	60.07	50.07	-20.70	-
4	1.992	0.16	28.56	-	28.72	-	56.00	46.00	-27.28	-
5	3.313	0.19	33.55	-	33.74	-	56.00	46.00	-22.26	-
6	11.453	0.38	37.29	-	37.67	-	60.00	50.00	-22.33	-

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

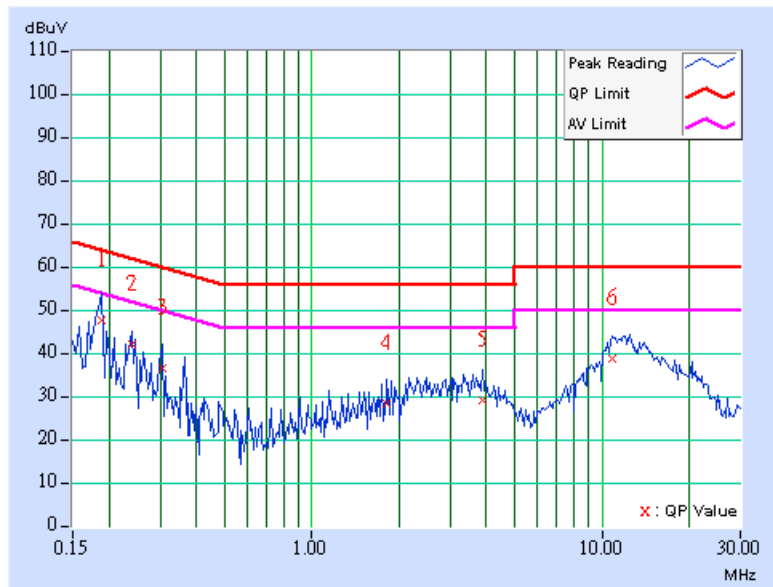




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	0	6dB BANDWIDTH	9 kHz
TEST MODE	B	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.189	0.12	47.56	-	47.68	-	64.08	54.08	-16.40	-
2	0.240	0.12	41.98	-	42.10	-	62.10	52.10	-20.00	-
3	0.306	0.12	36.45	-	36.57	-	60.07	50.07	-23.50	-
4	1.816	0.16	27.96	-	28.12	-	56.00	46.00	-27.88	-
5	3.863	0.20	28.81	-	29.01	-	56.00	46.00	-26.99	-
6	10.863	0.38	38.45	-	38.83	-	60.00	50.00	-21.17	-

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

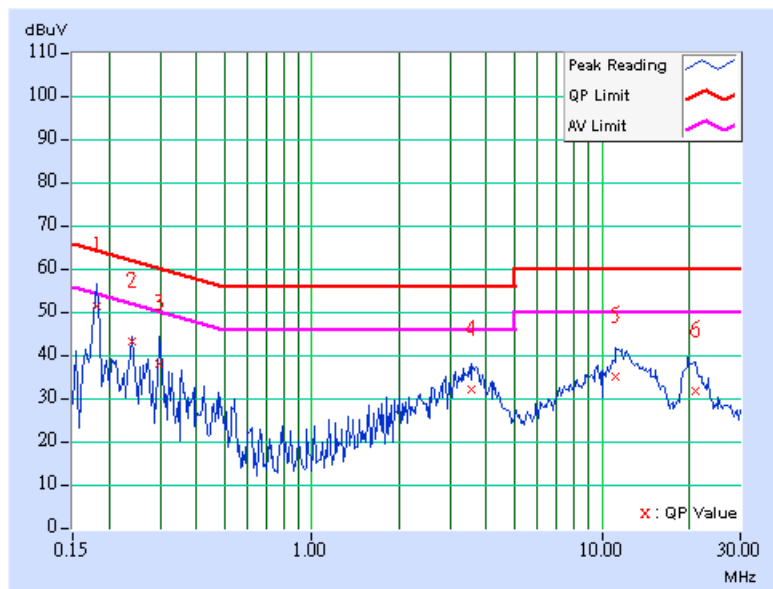




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	0	6dB BANDWIDTH	9 kHz
TEST MODE	B	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	50.70	-	50.81	-	64.43	54.43	-13.62	-
2	0.240	0.11	42.48	-	42.59	-	62.10	52.10	-19.51	-
3	0.298	0.11	37.63	-	37.74	-	60.29	50.29	-22.54	-
4	3.563	0.19	31.70	-	31.89	-	56.00	46.00	-24.11	-
5	11.168	0.36	34.34	-	34.70	-	60.00	50.00	-25.30	-
6	20.945	0.70	31.22	-	31.92	-	60.00	50.00	-28.08	-

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

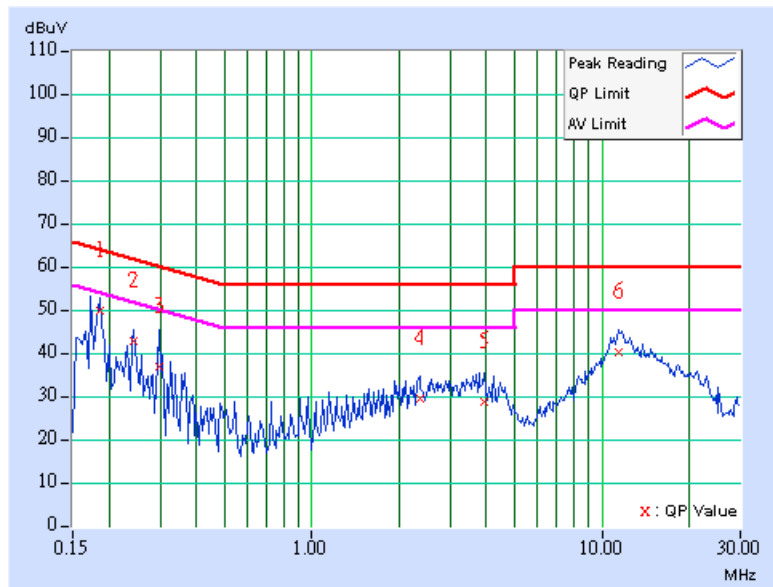




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	39	6dB BANDWIDTH	9 kHz
TEST MODE	B	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.185	0.12	49.64	-	49.76	-	64.25	54.25	-14.50	-
2	0.244	0.12	42.43	-	42.55	-	61.97	51.97	-19.42	-
3	0.298	0.12	36.45	-	36.57	-	60.29	50.29	-23.71	-
4	2.355	0.17	29.05	-	29.22	-	56.00	46.00	-26.78	-
5	3.930	0.21	28.27	-	28.48	-	56.00	46.00	-27.52	-
6	11.473	0.44	40.05	-	40.49	-	60.00	50.00	-19.51	-

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

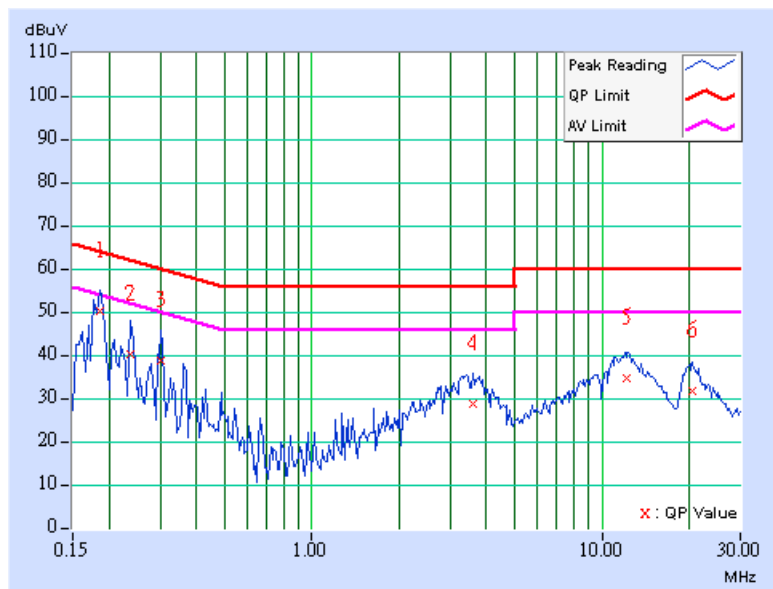




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	39	6dB BANDWIDTH	9 kHz
TEST MODE	B	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.185	0.11	49.76	-	49.87	-	64.25	54.25	-14.38	-
2	0.236	0.11	39.54	-	39.65	-	62.24	52.24	-22.59	-
3	0.302	0.11	38.17	-	38.28	-	60.18	50.18	-21.89	-
4	3.598	0.19	28.07	-	28.26	-	56.00	46.00	-27.74	-
5	12.203	0.44	34.14	-	34.58	-	60.00	50.00	-25.42	-
6	20.547	0.71	31.25	-	31.96	-	60.00	50.00	-28.04	-

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

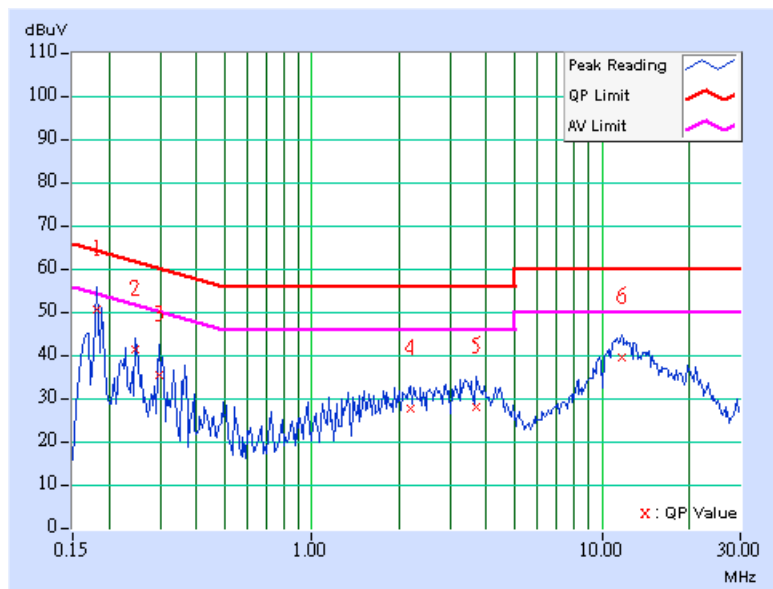




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	6dB BANDWIDTH	9 kHz
TEST MODE	B	PHASE	Line (L)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	50.28	-	50.39	-	64.43	54.43	-14.03	-
2	0.248	0.12	41.06	-	41.18	-	61.84	51.84	-20.65	-
3	0.298	0.12	35.08	-	35.20	-	60.29	50.29	-25.08	-
4	2.188	0.16	27.21	-	27.37	-	56.00	46.00	-28.63	-
5	3.668	0.20	27.70	-	27.90	-	56.00	46.00	-28.10	-
6	11.676	0.46	39.25	-	39.71	-	60.00	50.00	-20.29	-

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

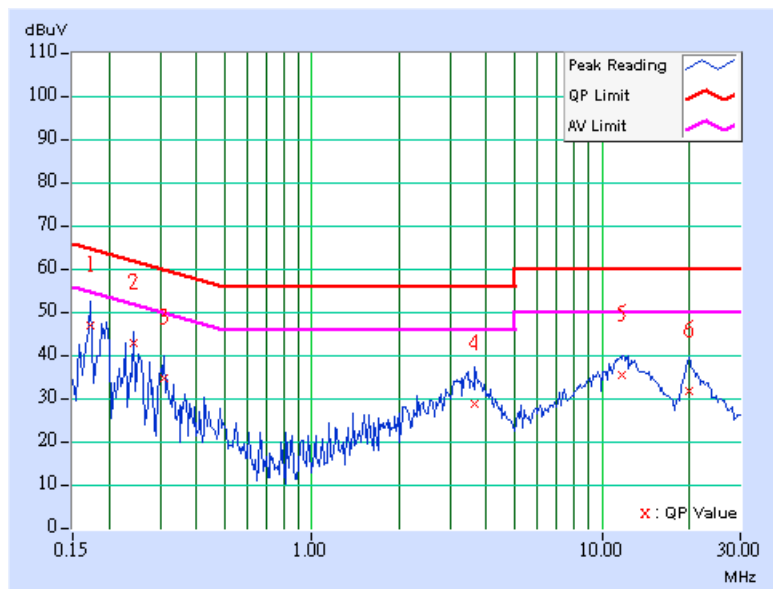




EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	6dB BANDWIDTH	9 kHz
TEST MODE	B	PHASE	Neutral (N)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.173	0.10	46.27	-	46.37	-	64.79	54.79	-18.42	-
2	0.244	0.11	42.22	-	42.33	-	61.97	51.97	-19.64	-
3	0.310	0.11	33.99	-	34.10	-	59.97	49.97	-25.86	-
4	3.660	0.19	28.08	-	28.27	-	56.00	46.00	-27.73	-
5	11.727	0.40	34.82	-	35.22	-	60.00	50.00	-24.78	-
6	19.887	0.71	31.04	-	31.75	-	60.00	50.00	-28.25	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading 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	Aug. 12, 2005

NOTE:

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

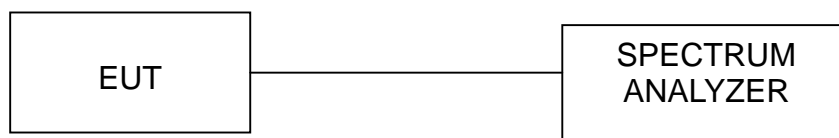
4.2.3 TEST PROCEDURES

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

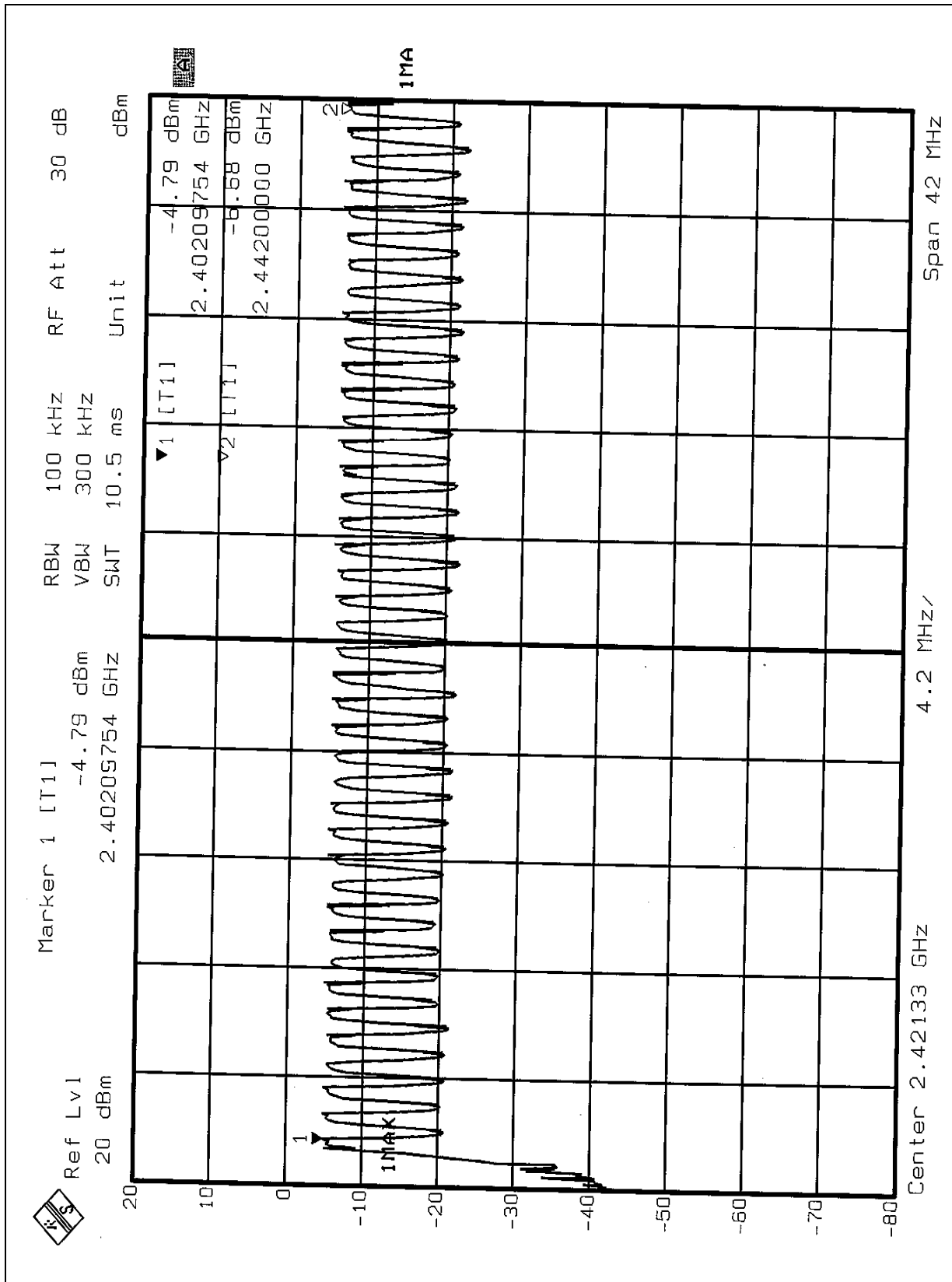
No deviation

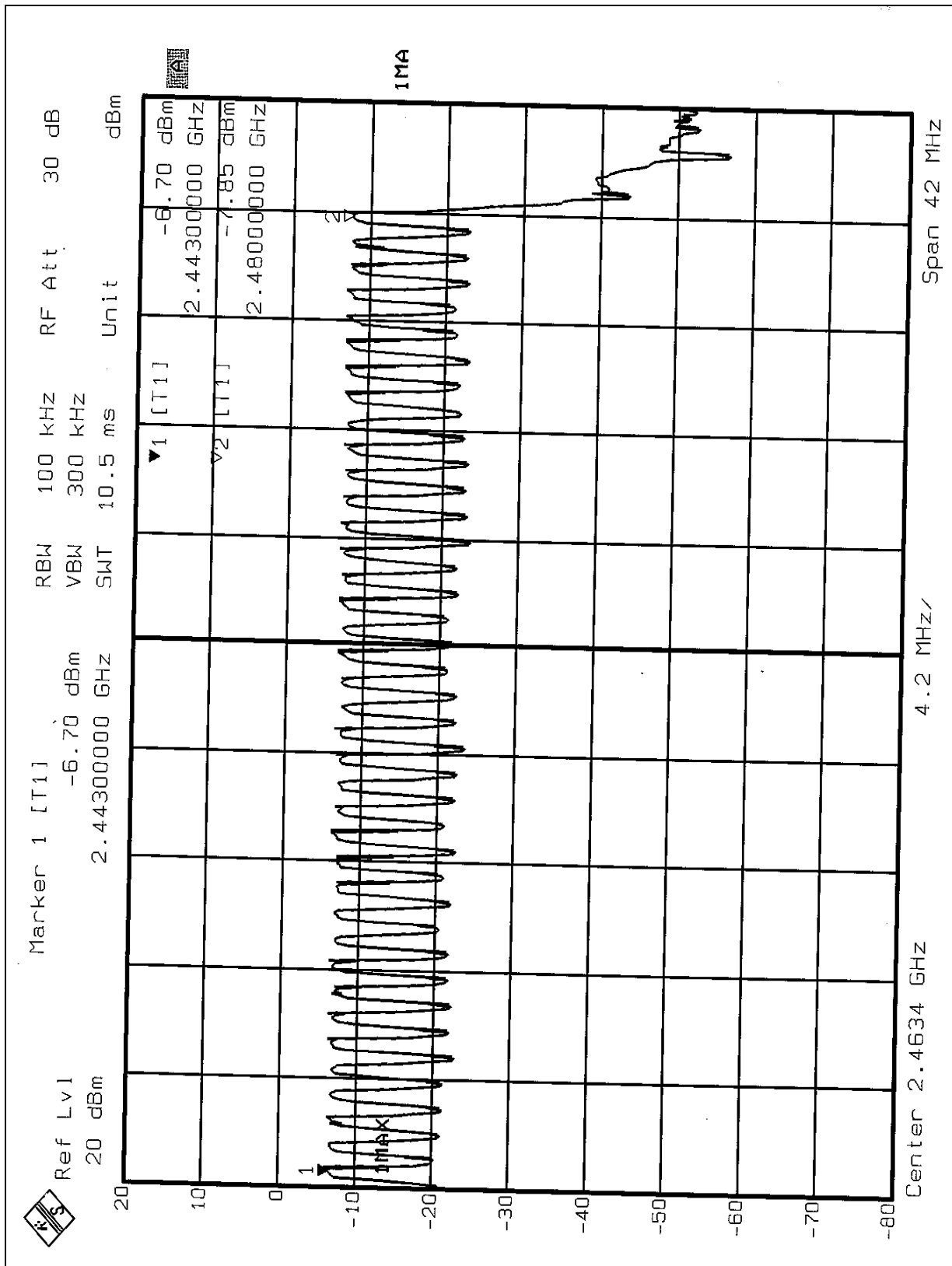
4.2.5 TEST SETUP



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	FSEK30	100049	Aug. 12, 2005

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



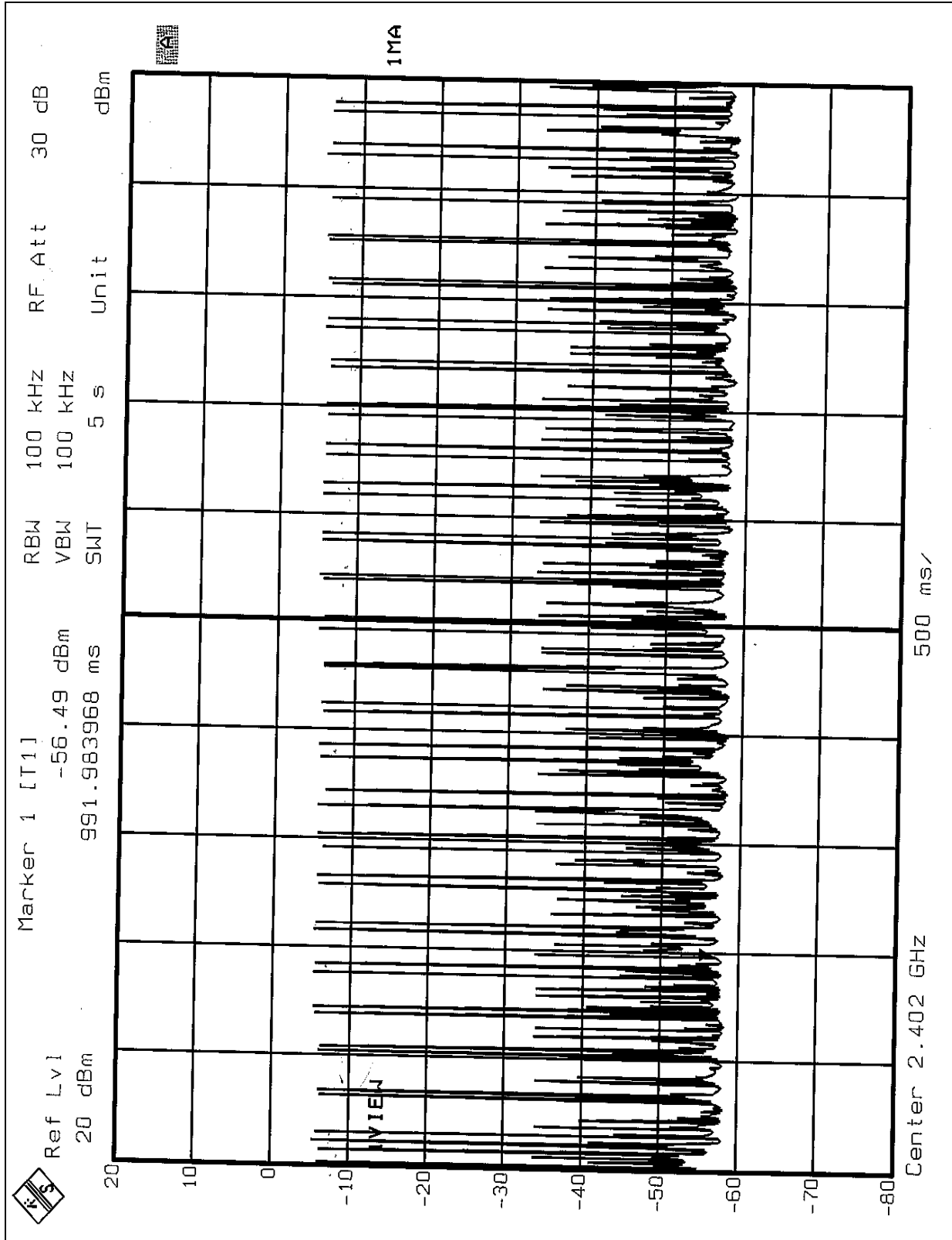
4.3.6 TEST RESULTS

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	0.487	156.97	400
DH3	26 (times / 5 sec) *6.32=164.32 times	1.729	284.11	400

Test plots of the transmitting time slot are shown on next four pages.

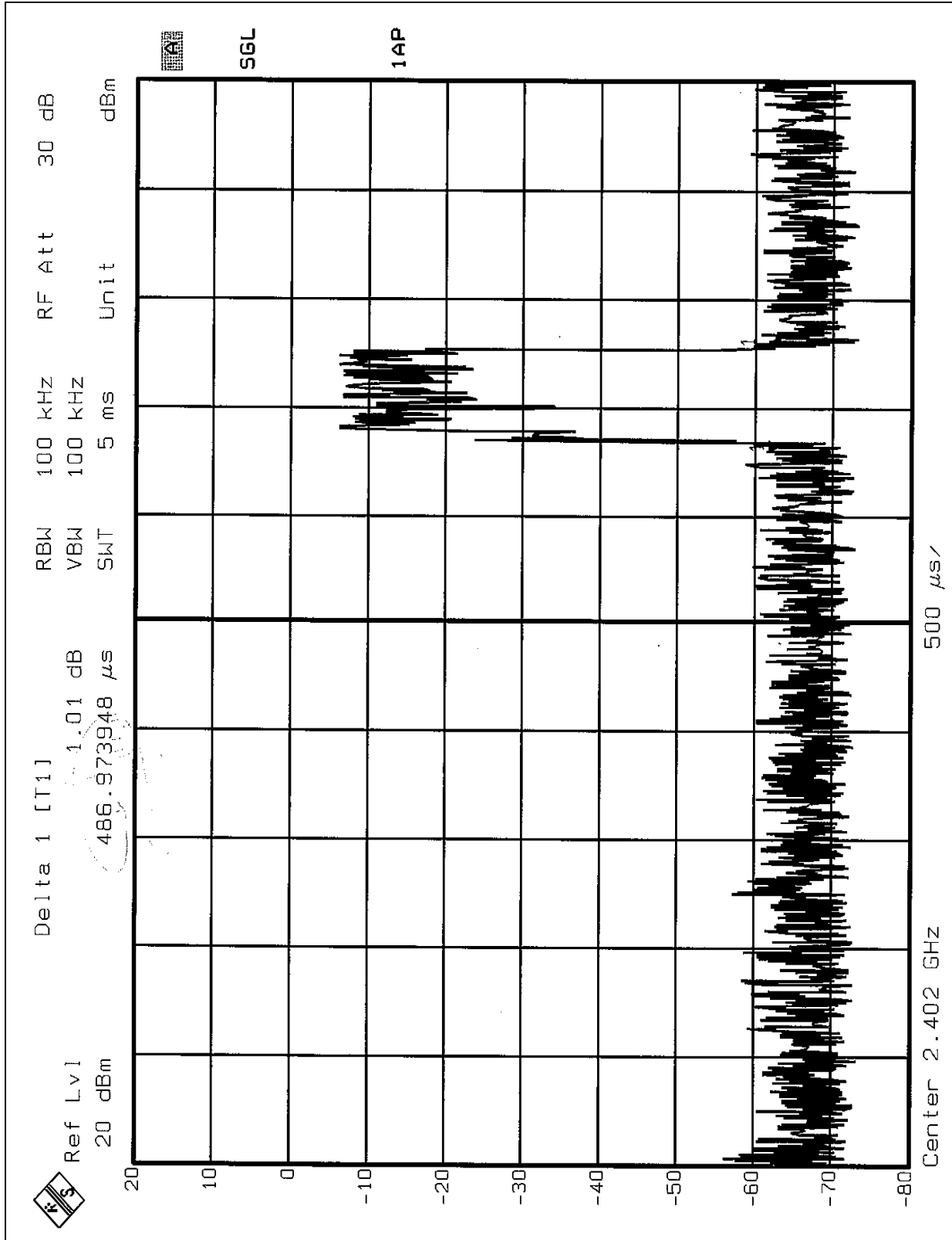


DH1



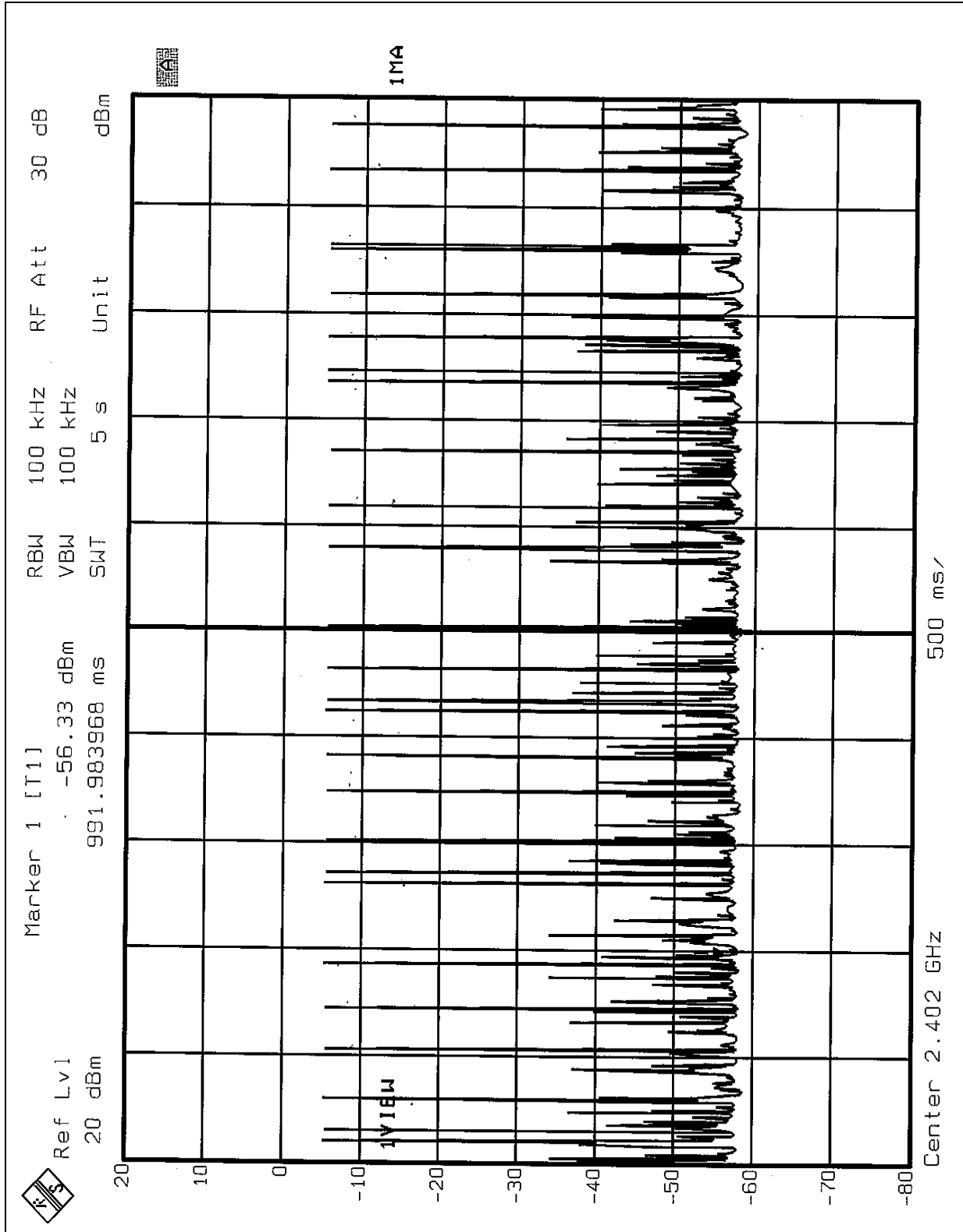


DH1



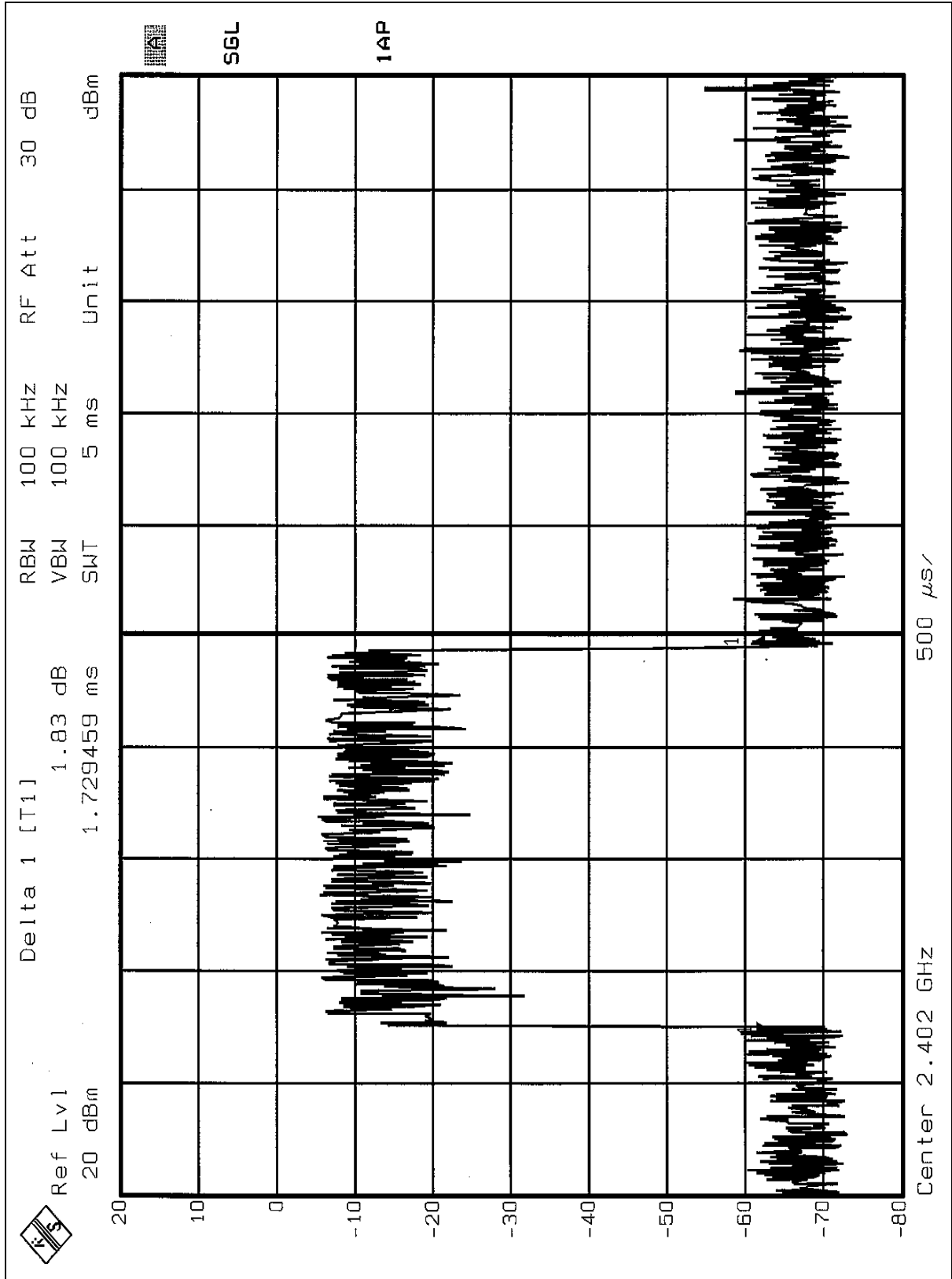


DH3





DH3



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 20dB bandwidth of the hopping channel is 1 MHz.

4.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005

NOTES:

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



4.4.6 EUT OPERATING CONDITION

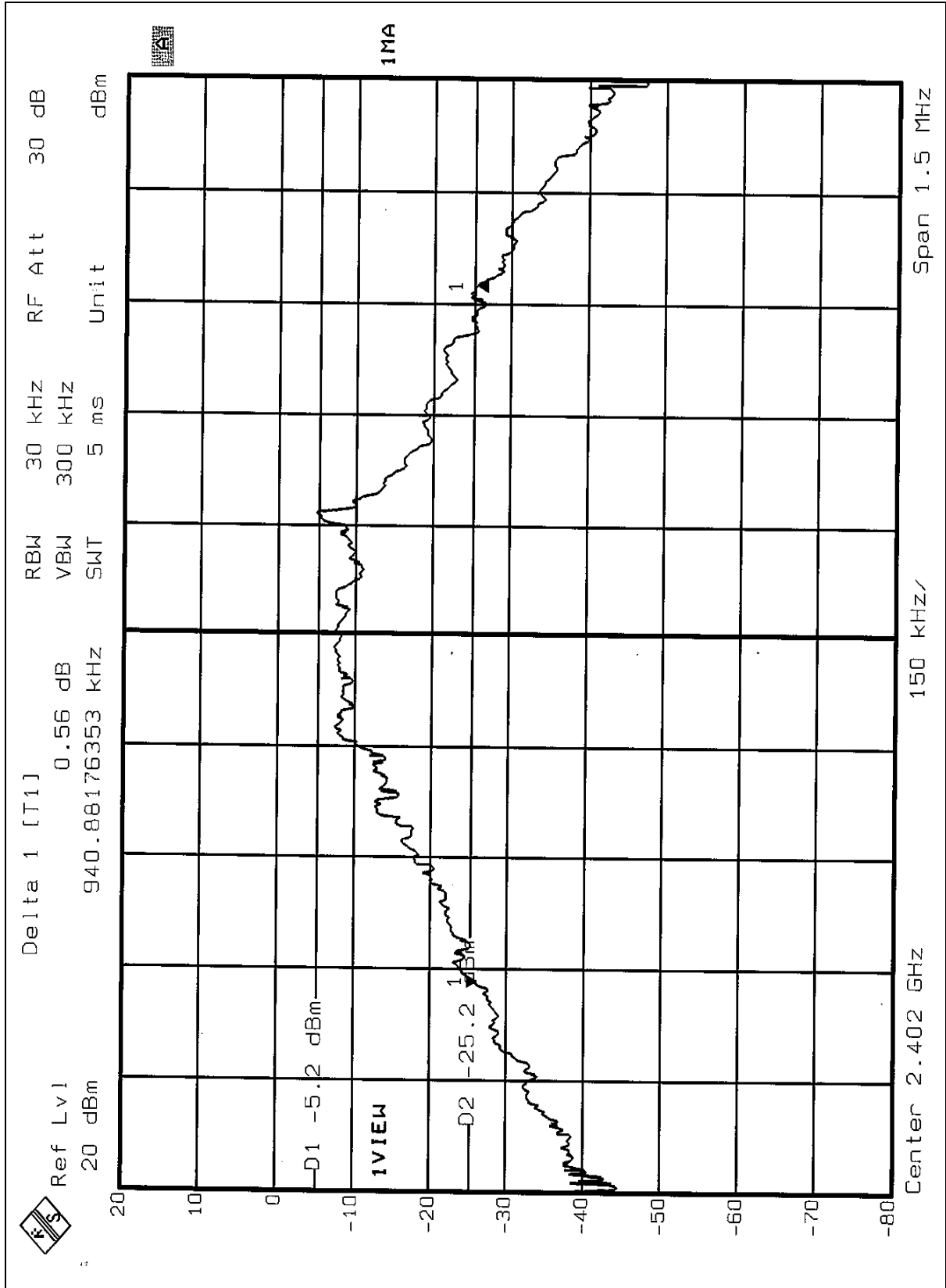
The software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel frequencies individually.

4.4.7 TEST RESULTS

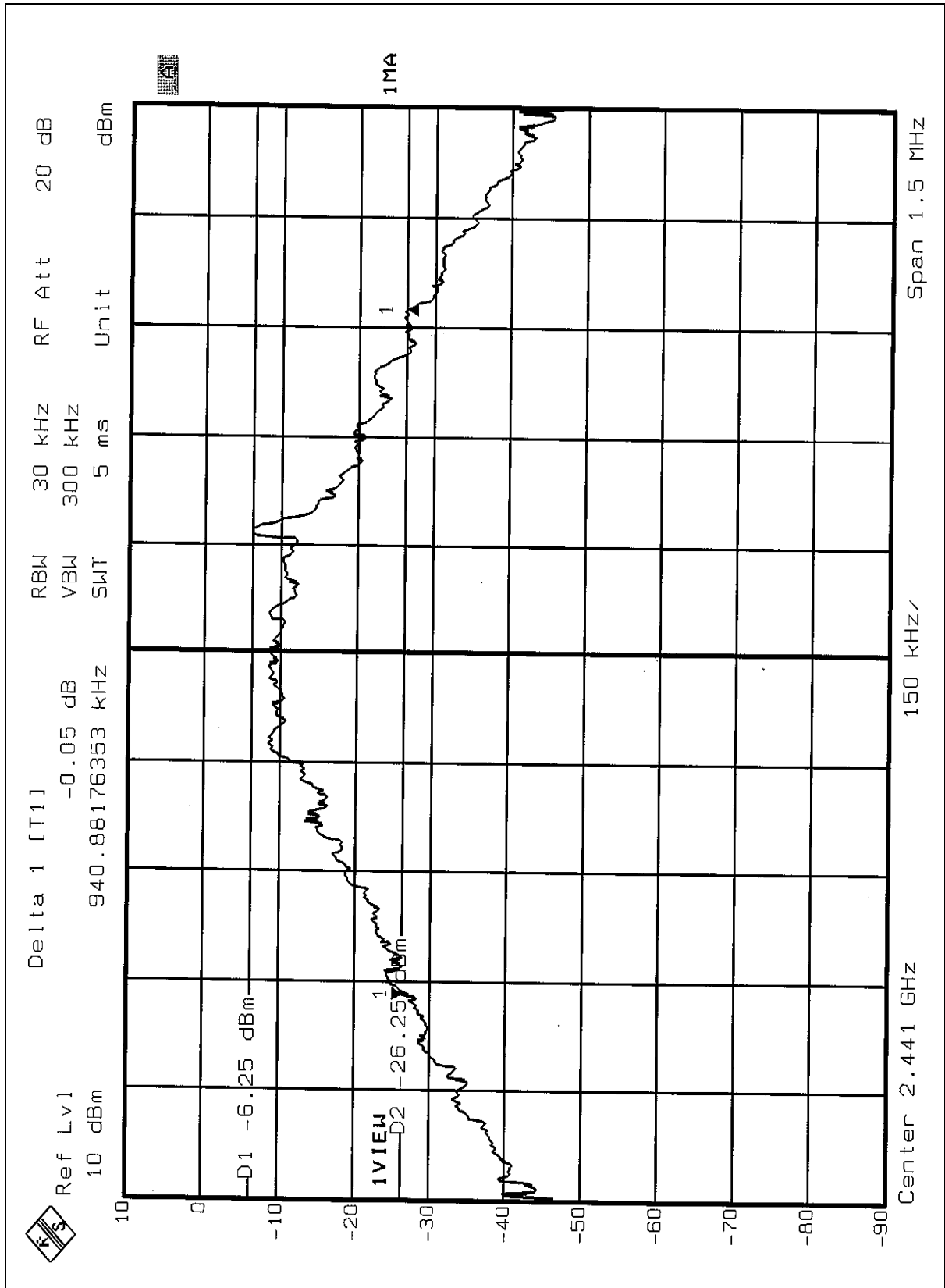
EUT	Hand-held Micro-computer	MODEL	7525S
ENVIRONMENTAL CONDITIONS	24deg. C, 67%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY: Leo Hung			

CHANNEL	CHANNEL FREQUENCY (MHz)	20dB BANDWIDTH (kHz)	MAXIMUM LIMIT (MHz)	PASS/FAIL
0	2402	940	1	PASS
39	2441	940	1	PASS
78	2480	931	1	PASS

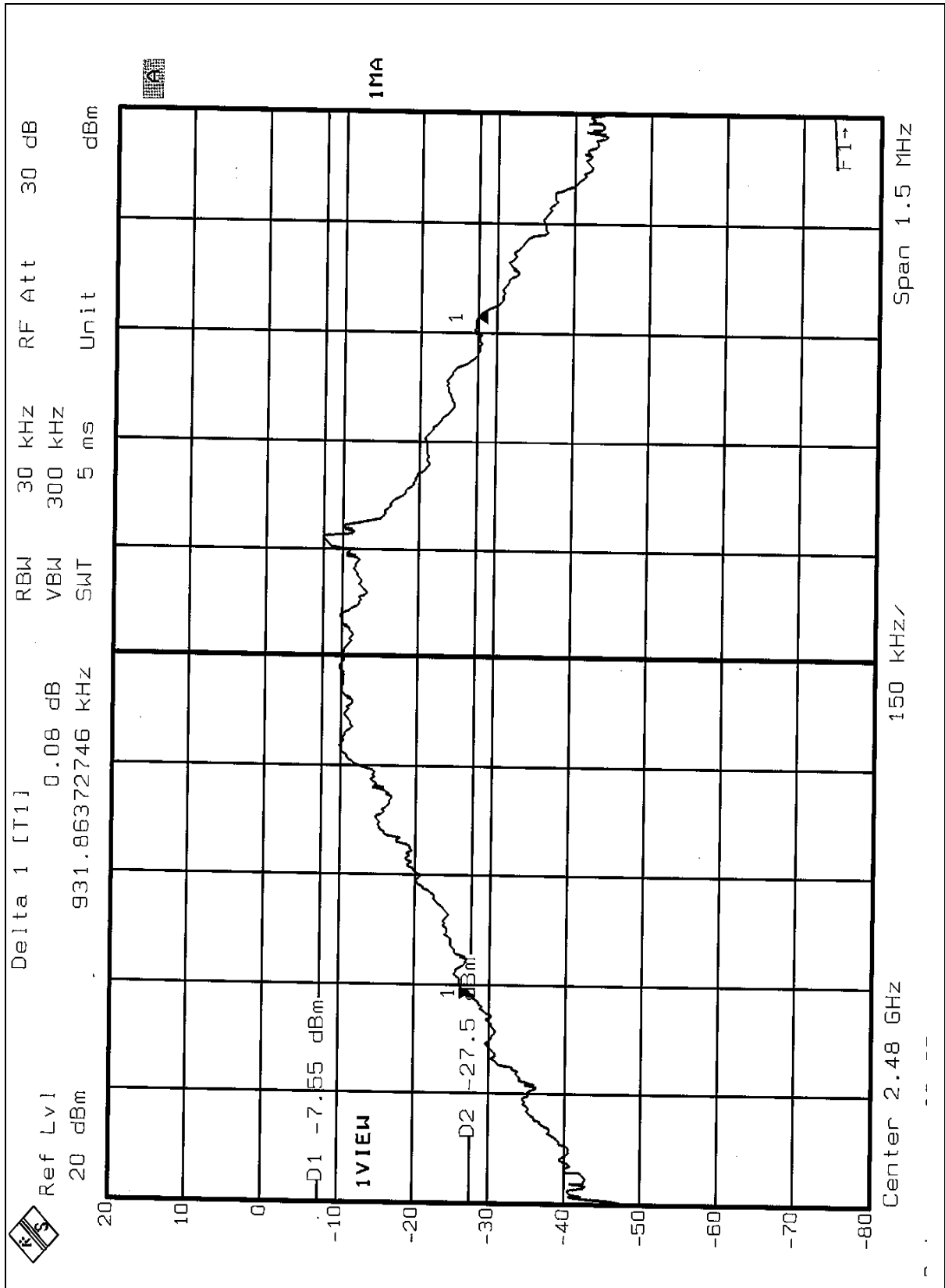
Channel 0



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	Aug. 12, 2005

NOTES:

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

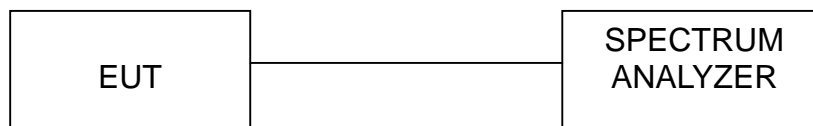
4.5.3 TEST PROCEDURES

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



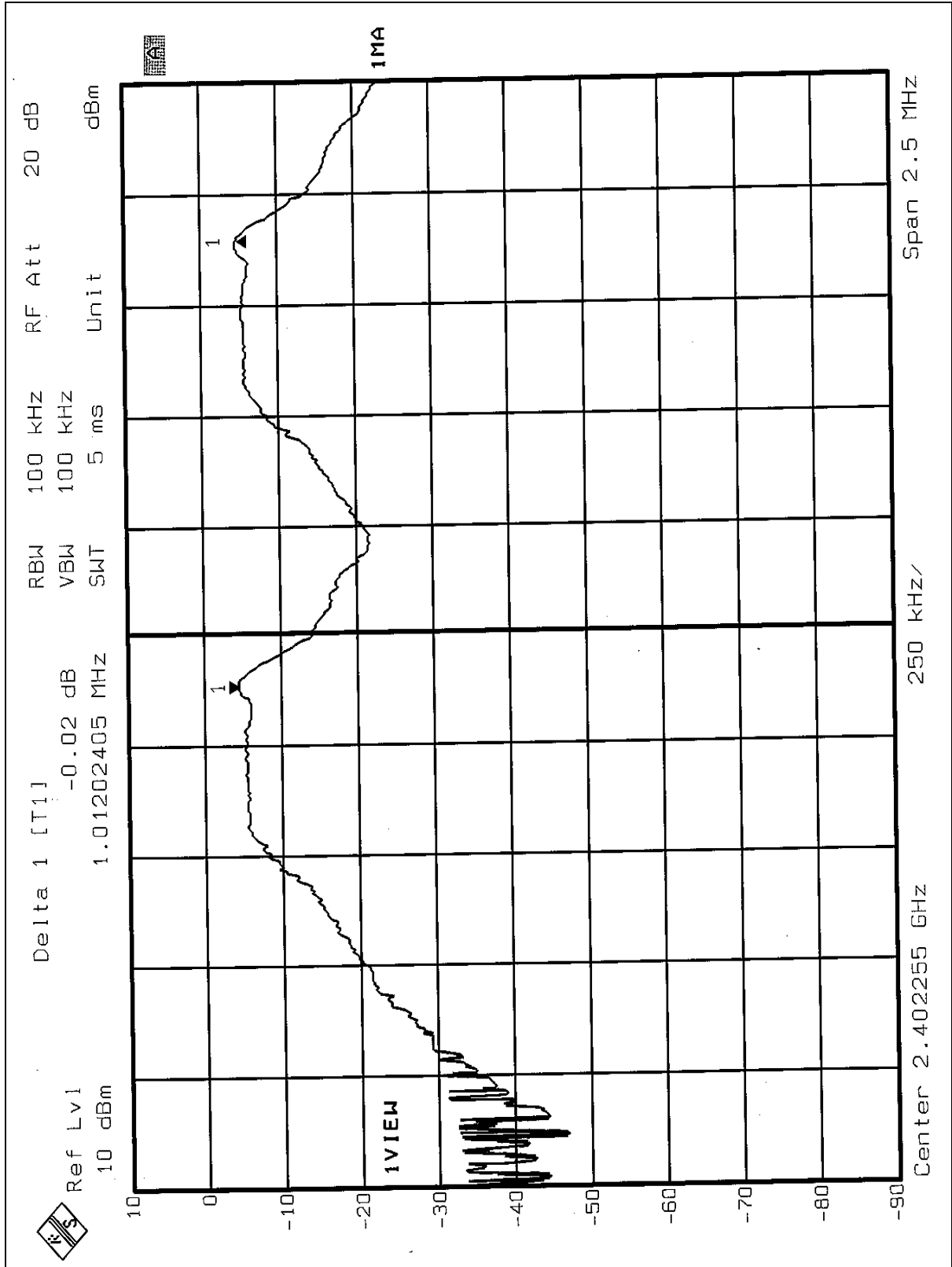
4.5.6 TEST RESULTS

EUT	Hand-held Micro-computer	MODEL	7525S
ENVIRONMENTAL CONDITIONS	24deg. C, 67%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY: Leo Hung			

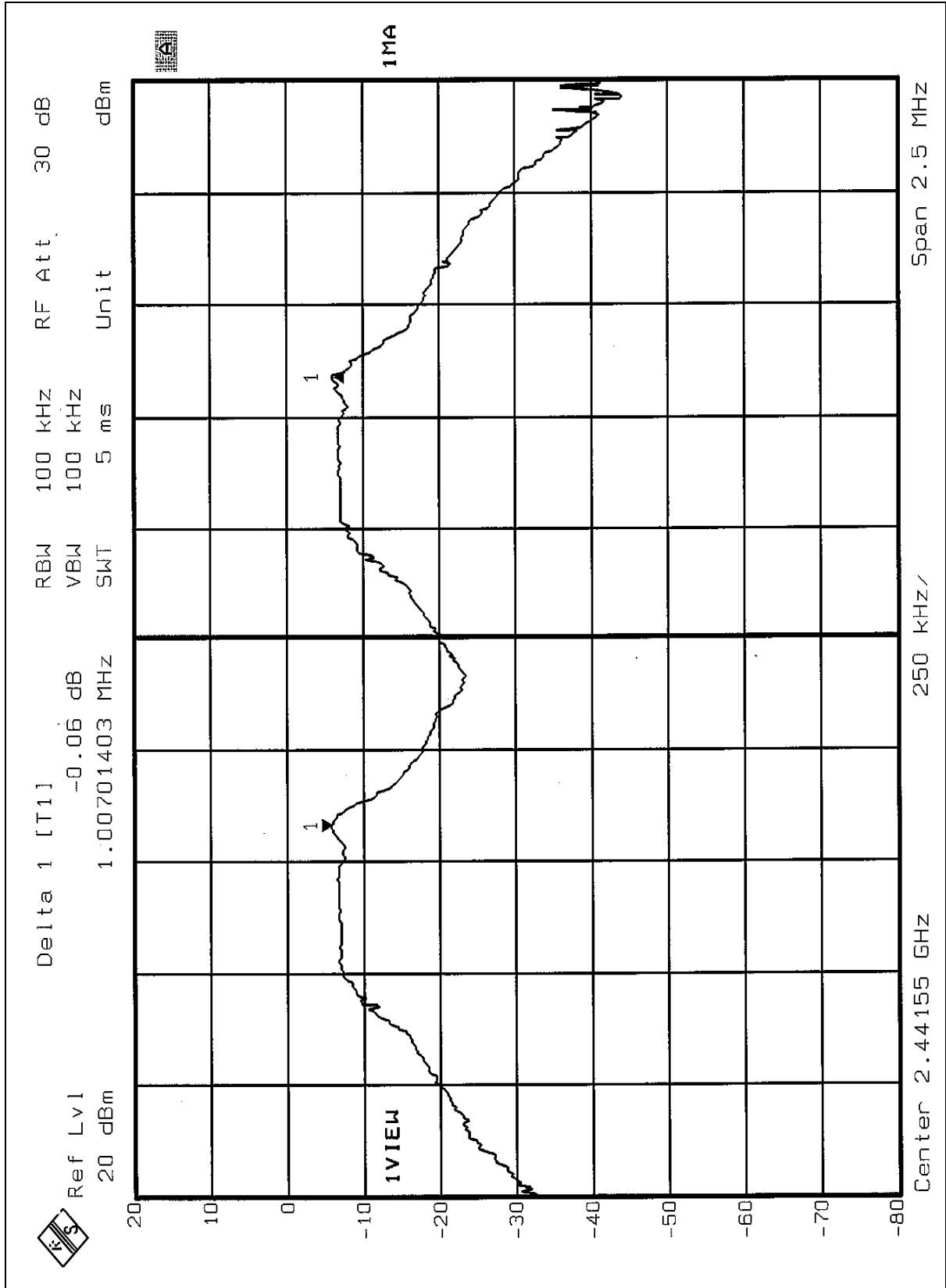
Channel	Frequency (MHz)	Adjacent Channel Separation	Minimum Limit (kHz)	Pass / Fail
0	2402	1.012MHz	940	PASS
39	2441	1.007MHz	940	PASS
78	2480	1.007MHz	931	PASS

The minimum limit is 20dB bandwidth. Test results please refer to next three pages.

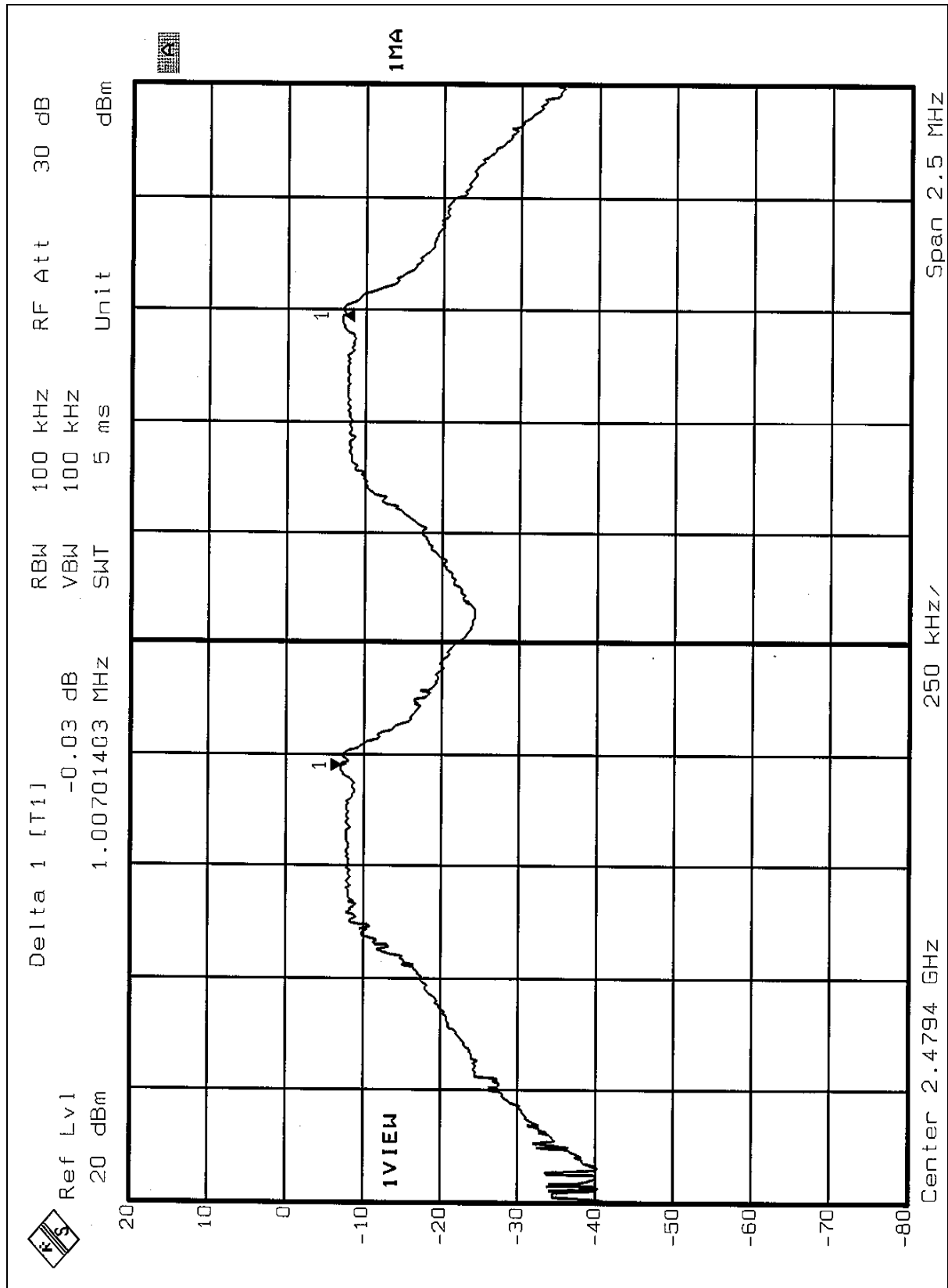
Channel 0



Channel 39



Channel 78



4.6 MAXIMUM PEAK OUTPUT POWER

4.6.1 LIMITS OF MAXIMUM PEAK OUTPUT POWER MEASUREMENT

The Maximum Peak Output Power Measurement is 30dBm.

4.6.2 INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005

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

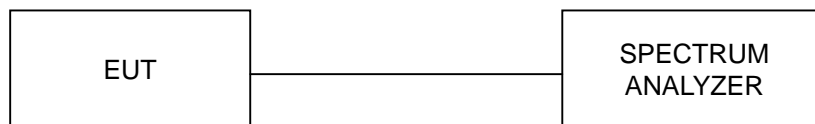
4.6.3 TEST PROCEDURES

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. Set a reference level on the measuring instrument equal to the highest peak value.
3. The center frequency of the spectrum analyzer is set to the fundamental frequency and using 3 MHz RBW and 3 MHz VBW.
4. Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.
5. Repeat above procedures until all frequencies measured were complete.

4.6.4 DEVIATION FROM TEST STANDARD

No deviation

4.6.5 TEST SETUP



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

4.6.6 EUT OPERATING CONDITION

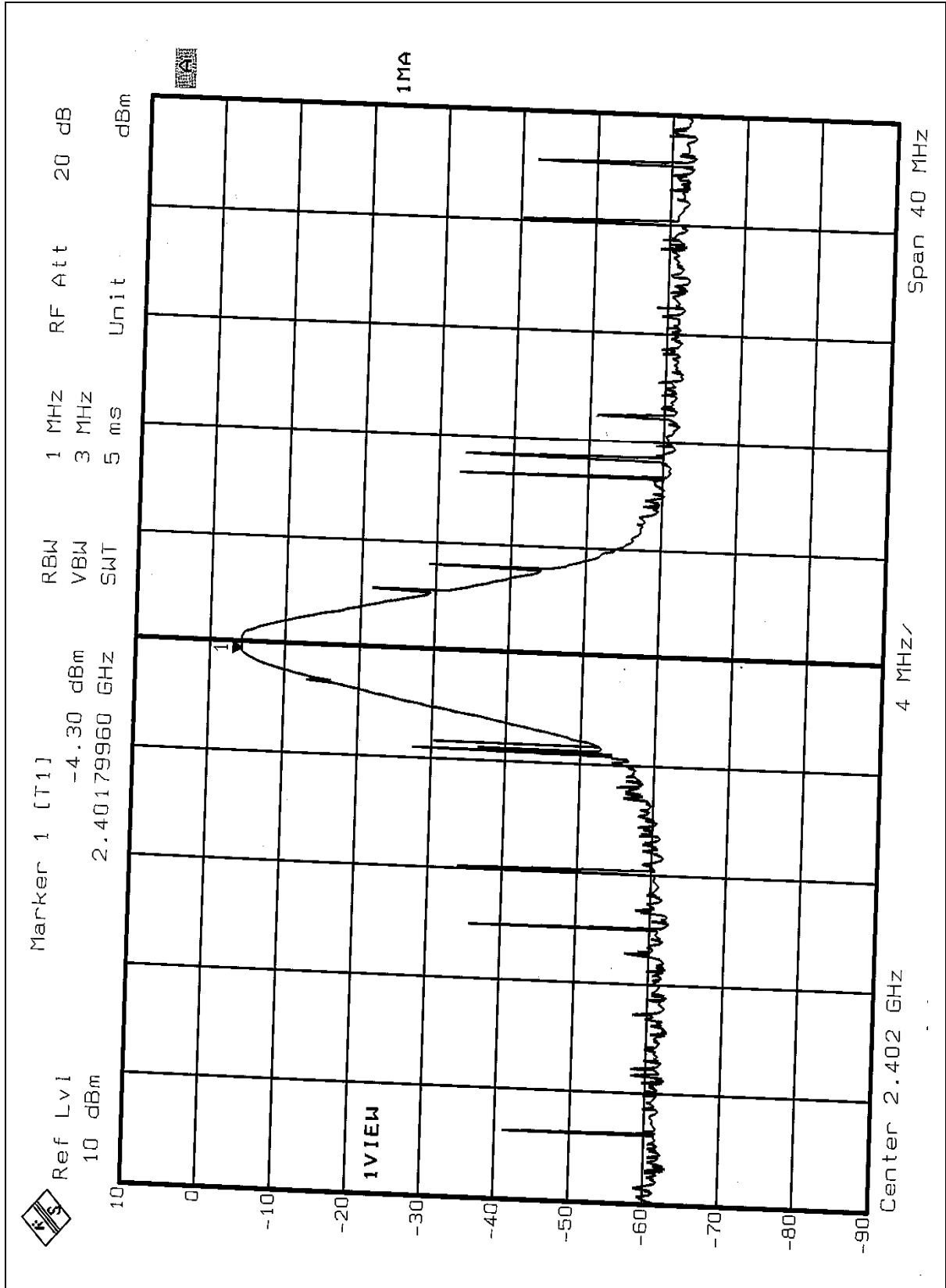
The software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel frequencies individually.

4.6.7 TEST RESULTS

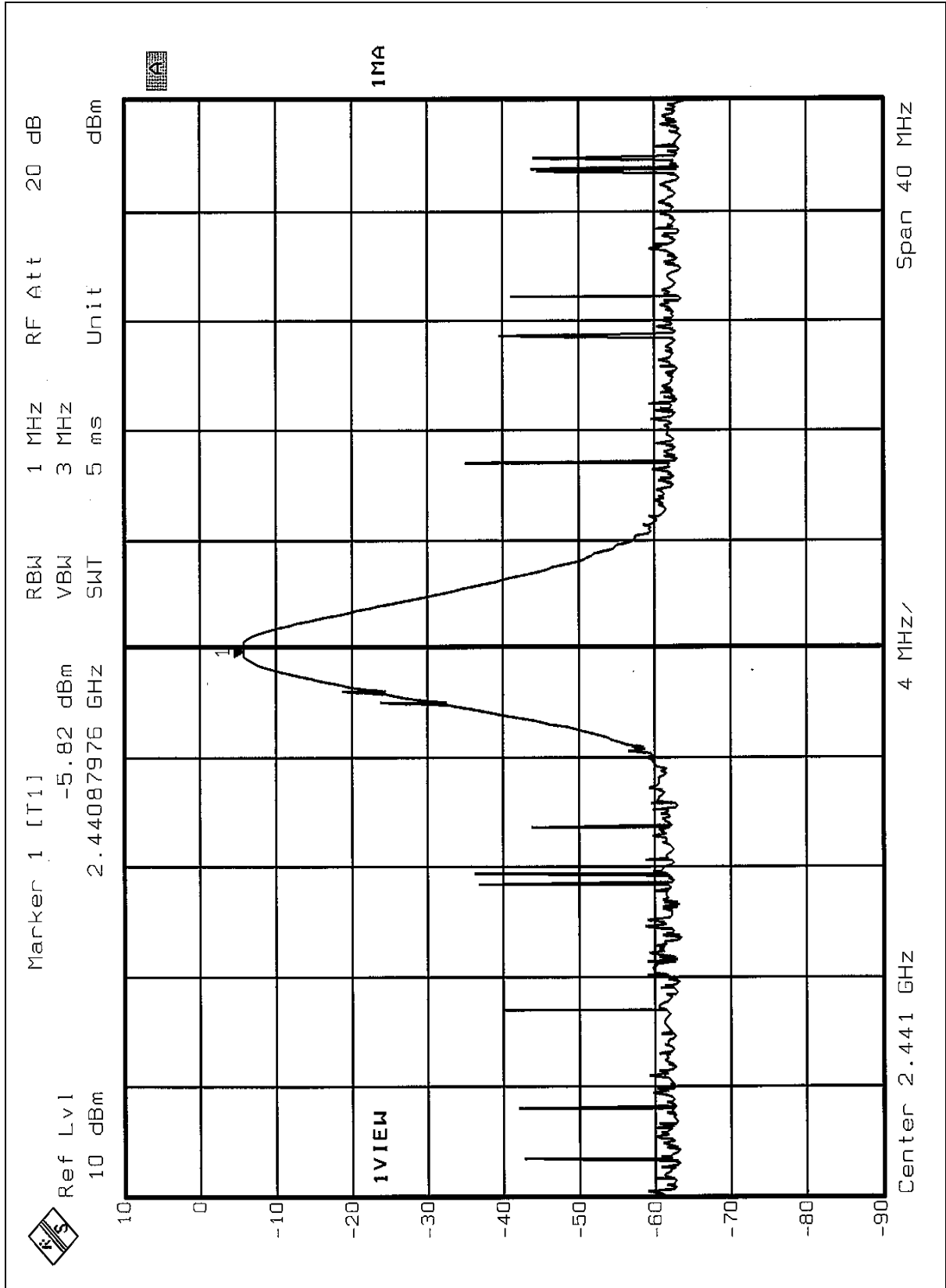
EUT	Hand-held Micro-computer	MODEL	7525S
ENVIRONMENTAL CONDITIONS	24deg. C, 67%RH, 991 hPa	INPUT POWER (SYSTEM)	120Vac, 60 Hz
TESTED BY: Leo Hung			

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
0	2402	0.372	-4.30	30	PASS
39	2441	0.262	-5.82	30	PASS
78	2480	0.305	-5.16	30	PASS

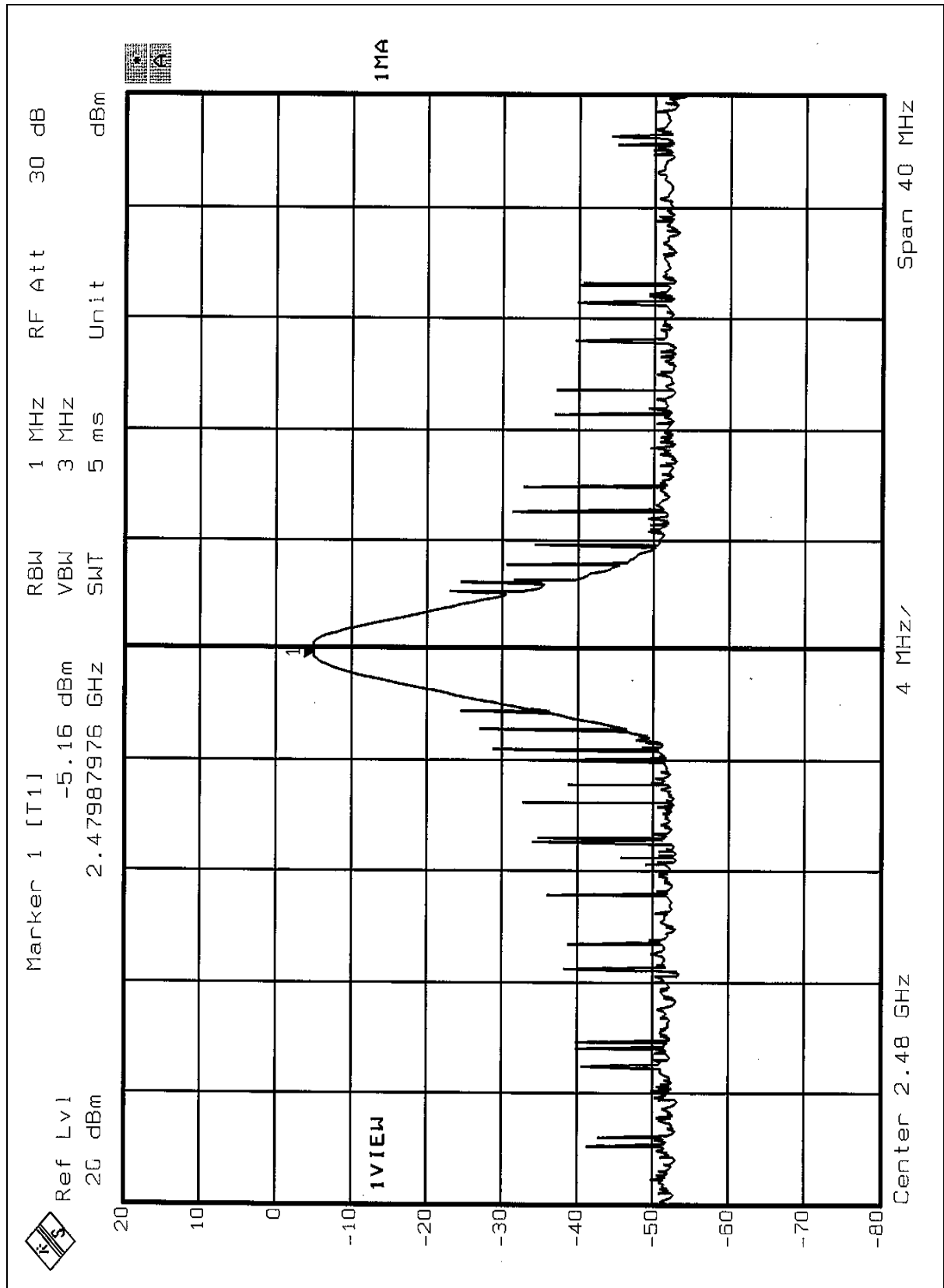
Channel 0



Channel 39



Channel 78



4.7 RADIATED EMISSION MEASUREMENT

4.7.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

4.7.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESI7	838496/016	Feb. 09, 2005
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100041	Dec. 15, 2004
BILOG Antenna SCHWARZBECK	VULB9168	9168-155	Feb. 03, 2005
HORN Antenna SCHWARZBECK	BBHA 9120D	9120D-404	Feb. 03, 2005
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA 9170242	Feb. 23, 2005
Preamplifier Agilent	8447D	2944A10631	Jan. 15, 2005
Preamplifier Agilent	8449B	3008A01960	Jan. 22, 2005
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	219272/4	Mar. 04, 2005
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	219275/4	Mar. 04, 2005
Software ADT.	ADT_Radiated_V5.14	NA	NA
Antenna Tower inn-co GmbH	MA 4000	010303	NA
Antenna Tower Controller inn-co GmbH	CO2000	019303	NA
Turn Table ADT.	TT100.	TT93021704	NA
Turn Table Controller ADT.	SC100.	SC93021704	NA

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Chamber 3.
 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
 4. The IC Site Registration No. is IC4924-4.

4.7.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

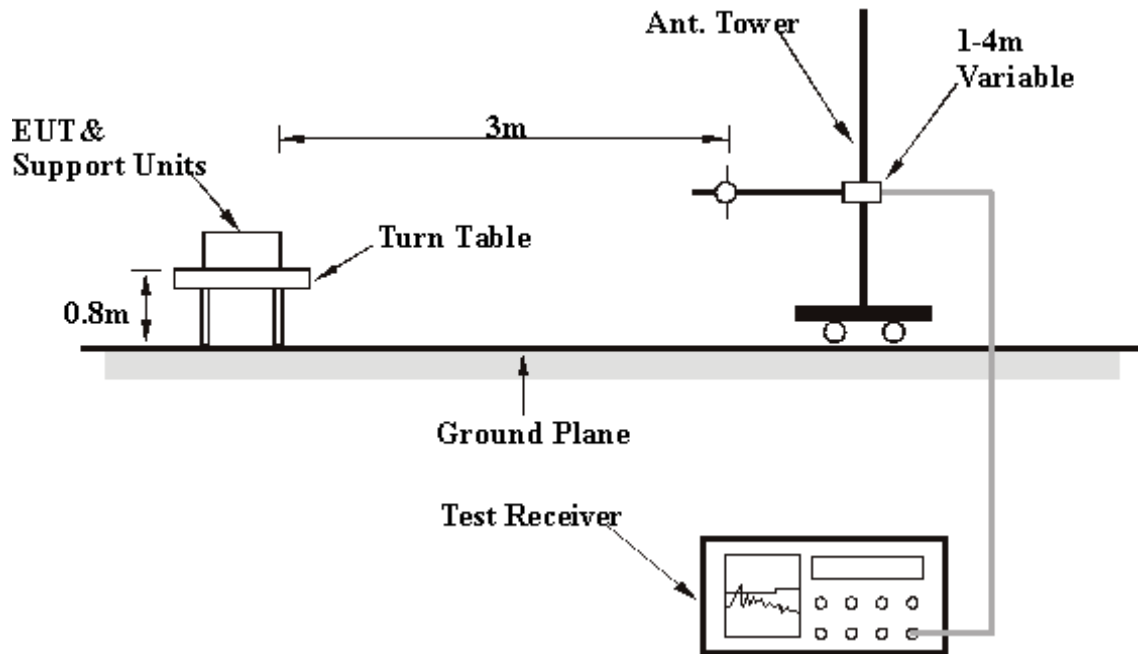
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.

4.7.4 DEVIATION FROM TEST STANDARD

No deviation

4.7.5 TEST SETUP



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



4.7.6 TEST RESULTS

EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	A
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	105.81	35.84 QP	43.50	-7.66	1.75 H	61	24.36	11.48
2	123.31	37.36 QP	43.50	-6.14	2.00 H	46	24.24	13.12
3	199.12	42.02 QP	43.50	-1.48	1.50 H	70	30.67	11.34
4	267.15	35.50 QP	46.00	-10.50	1.00 H	22	21.95	13.55
5	298.26	38.99 QP	46.00	-7.01	1.00 H	7	24.61	14.38
6	397.39	36.70 QP	46.00	-9.30	1.75 H	268	20.03	16.67
7	498.48	39.09 QP	46.00	-6.91	1.50 H	115	20.54	18.55
8	599.56	32.68 QP	46.00	-13.32	1.50 H	343	11.86	20.82
9	739.52	38.77 QP	46.00	-7.23	1.00 H	148	15.79	22.98
10	850.32	38.51 QP	46.00	-7.49	2.00 H	310	14.59	23.92

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	50.47	36.47 QP	40.00	-3.53	1.00 V	333	21.92	14.55
2	98.45	40.29 QP	43.50	-3.21	1.50 V	21	29.51	10.78
3	199.12	34.34 QP	43.50	-9.16	1.50 V	166	23.00	11.34
4	298.26	41.40 QP	46.00	-4.60	1.75 V	127	27.02	14.38
5	398.14	42.62 QP	46.00	-3.38	1.00 V	334	25.93	16.68
6	430.44	39.62 QP	46.00	-6.38	1.00 V	205	22.12	17.50
7	498.48	41.78 QP	46.00	-4.22	1.00 V	157	23.23	18.55
8	599.56	34.25 QP	46.00	-11.75	1.00 V	22	13.43	20.82
9	696.75	32.63 QP	46.00	-13.37	1.25 V	70	10.65	21.97
10	840.60	32.03 QP	46.00	-13.97	1.00 V	265	8.21	23.83

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	B (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	98.04	31.51 QP	43.50	-11.99	2.00 H	277	20.77	10.75
2	131.08	34.90 QP	43.50	-8.60	2.00 H	280	21.17	13.74
3	199.12	35.25 QP	43.50	-8.25	2.00 H	259	23.91	11.34
4	251.60	30.90 QP	46.00	-15.10	1.00 H	100	17.77	13.13
5	298.26	33.49 QP	46.00	-12.51	1.00 H	97	19.11	14.38
6	397.39	39.63 QP	46.00	-6.37	2.00 H	223	22.96	16.67
7	498.48	36.72 QP	46.00	-9.28	2.00 H	31	18.17	18.55
8	710.36	37.94 QP	46.00	-8.06	1.00 H	7	15.67	22.26
9	743.41	39.12 QP	46.00	-6.88	1.00 H	7	16.04	23.08
10	790.06	37.37 QP	46.00	-8.63	1.00 H	19	13.95	23.42
11	896.97	30.47 QP	46.00	-15.53	1.00 H	49	5.71	24.76

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	70.82	25.02 QP	40.00	-14.98	1.00 V	151	12.75	12.27
2	125.25	24.17 QP	43.50	-19.33	2.00 V	16	10.90	13.27
3	185.51	30.32 QP	43.50	-13.18	1.00 V	70	17.87	12.45
4	199.12	31.27 QP	43.50	-12.23	1.75 V	328	19.93	11.34
5	300.20	37.15 QP	46.00	-8.85	1.25 V	67	22.73	14.41
6	397.39	41.63 QP	46.00	-4.37	1.50 V	85	24.96	16.67
7	432.38	35.17 QP	46.00	-10.83	1.50 V	100	17.61	17.55
8	498.48	41.02 QP	46.00	-4.98	1.00 V	271	22.47	18.55
9	597.62	29.55 QP	46.00	-16.45	1.00 V	7	8.79	20.76
10	844.49	34.68 QP	46.00	-11.32	1.25 V	280	10.82	23.86

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	B (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	131.08	36.03 QP	43.50	-7.47	3.00 H	277	22.29	13.74
2	199.12	35.55 QP	43.50	-7.95	1.00 H	229	24.21	11.34
3	247.72	29.99 QP	46.00	-16.01	1.00 H	205	16.91	13.08
4	298.26	37.28 QP	46.00	-8.72	1.00 H	112	22.90	14.38
5	397.39	41.71 QP	46.00	-4.29	2.00 H	124	25.05	16.67
6	416.83	39.83 QP	46.00	-6.17	2.00 H	136	22.67	17.16
7	451.82	35.49 QP	46.00	-10.51	2.00 H	352	17.47	18.02
8	498.48	41.10 QP	46.00	-4.90	2.00 H	187	22.55	18.55
9	696.75	32.14 QP	46.00	-13.86	1.00 H	136	10.16	21.97
10	815.33	32.84 QP	46.00	-13.16	1.00 H	34	9.24	23.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	61.10	32.24 QP	40.00	-7.76	1.00 V	70	18.75	13.49
2	127.19	28.59 QP	43.50	-14.91	3.00 V	244	15.16	13.43
3	199.12	31.42 QP	43.50	-12.08	1.00 V	247	20.07	11.34
4	265.21	28.22 QP	46.00	-17.78	1.00 V	37	14.75	13.47
5	300.20	41.20 QP	46.00	-4.80	1.00 V	10	26.79	14.41
6	397.39	34.53 QP	46.00	-11.47	3.00 V	181	17.86	16.67
7	498.48	34.63 QP	46.00	-11.37	2.00 V	187	16.08	18.55
8	663.71	33.48 QP	46.00	-12.52	1.00 V	265	11.87	21.62
9	712.30	32.21 QP	46.00	-13.79	1.00 V	85	9.90	22.31
10	803.67	33.79 QP	46.00	-12.21	2.00 V	94	10.30	23.49
11	895.03	30.23 QP	46.00	-15.77	1.00 V	58	5.51	24.72

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	B (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	98.04	32.34 QP	43.50	-11.16	2.00 H	127	21.59	10.75
2	133.03	33.79 QP	43.50	-9.71	2.00 H	259	19.90	13.89
3	199.12	34.95 QP	43.50	-8.55	1.00 H	217	23.61	11.34
4	247.72	38.66 QP	46.00	-7.34	1.00 H	274	25.58	13.08
5	290.48	37.96 QP	46.00	-8.04	1.00 H	199	23.70	14.26
6	397.39	43.82 QP	46.00	-2.18	2.00 H	49	27.15	16.67
7	498.48	39.93 QP	46.00	-6.07	2.00 H	262	21.38	18.55
8	743.41	36.29 QP	46.00	-9.71	1.00 H	4	13.21	23.08
9	811.44	39.27 QP	46.00	-6.73	1.00 H	349	15.71	23.56

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	61.10	32.29 QP	40.00	-7.71	1.00 V	340	18.81	13.49
2	98.04	30.93 QP	43.50	-12.57	2.00 V	229	20.18	10.75
3	199.12	30.47 QP	43.50	-13.03	1.00 V	247	19.13	11.34
4	263.27	34.38 QP	46.00	-11.62	1.00 V	220	21.00	13.39
5	300.20	42.95 QP	46.00	-3.05	1.00 V	13	28.54	14.41
6	397.39	40.53 QP	46.00	-5.47	1.00 V	16	23.87	16.67
7	424.61	36.01 QP	46.00	-9.99	1.00 V	10	18.66	17.36
8	498.48	40.33 QP	46.00	-5.67	2.00 V	289	21.78	18.55
9	652.04	28.69 QP	46.00	-17.31	2.00 V	196	7.20	21.49
10	832.83	34.62 QP	46.00	-11.38	1.00 V	100	10.87	23.76

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.93	23.41 QP	40.00	-16.59	3.00 H	160	10.58	12.83
2	212.73	26.63 QP	43.50	-16.87	1.00 H	61	15.08	11.56
3	298.26	30.60 QP	46.00	-15.40	1.00 H	223	16.22	14.38
4	397.39	39.81 QP	46.00	-6.19	1.00 H	58	23.15	16.67
5	444.05	33.52 QP	46.00	-12.48	2.00 H	61	15.67	17.85
6	498.48	42.60 QP	46.00	-3.40	2.00 H	76	24.05	18.55
7	638.44	32.93 QP	46.00	-13.07	1.00 H	115	11.60	21.32
8	714.25	37.94 QP	46.00	-8.06	1.00 H	10	15.58	22.36
9	747.29	36.74 QP	46.00	-9.26	1.00 H	46	13.56	23.17
10	790.06	38.42 QP	46.00	-7.58	2.00 H	13	15.00	23.42
11	838.66	33.57 QP	46.00	-12.43	1.00 H	307	9.76	23.81

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.94	27.68 QP	40.00	-12.32	1.00 V	46	13.67	14.01
2	142.75	27.53 QP	43.50	-15.97	1.00 V	292	13.02	14.51
3	204.95	25.06 QP	43.50	-18.44	1.00 V	43	13.68	11.38
4	298.26	32.96 QP	46.00	-13.04	2.00 V	184	18.58	14.38
5	397.39	39.76 QP	46.00	-6.24	2.00 V	292	23.10	16.67
6	451.82	33.79 QP	46.00	-12.21	1.00 V	274	15.77	18.02
7	498.48	40.68 QP	46.00	-5.32	1.00 V	289	22.13	18.55
8	803.67	31.61 QP	46.00	-14.39	2.00 V	121	8.11	23.49
9	846.43	33.22 QP	46.00	-12.78	1.00 V	265	9.34	23.88
10	887.25	34.16 QP	46.00	-11.84	1.00 V	265	9.58	24.58

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.93	23.26 QP	40.00	-16.74	3.00 H	13	10.43	12.83
2	226.33	30.13 QP	46.00	-15.87	2.00 H	301	18.02	12.11
3	298.26	36.16 QP	46.00	-9.84	1.00 H	85	21.77	14.38
4	397.39	42.19 QP	46.00	-3.81	2.00 H	157	25.53	16.67
5	451.82	34.32 QP	46.00	-11.68	2.00 H	175	16.30	18.02
6	498.48	41.98 QP	46.00	-4.02	2.00 H	49	23.43	18.55
7	597.62	28.83 QP	46.00	-17.17	3.00 H	265	8.06	20.76
8	638.44	33.44 QP	46.00	-12.56	1.00 H	91	12.12	21.32
9	795.89	31.17 QP	46.00	-14.83	1.00 H	76	7.73	23.44
10	896.97	32.96 QP	46.00	-13.04	1.00 H	271	8.20	24.76

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.94	27.37 QP	40.00	-12.63	1.00 V	76	13.36	14.01
2	140.80	28.53 QP	43.50	-14.97	1.00 V	112	14.07	14.46
3	298.26	24.40 QP	46.00	-21.60	3.00 V	76	10.02	14.38
4	397.39	33.47 QP	46.00	-12.53	2.00 V	268	16.81	16.67
5	498.48	33.75 QP	46.00	-12.25	2.00 V	226	15.19	18.55
6	591.78	28.21 QP	46.00	-17.79	1.00 V	4	7.60	20.60
7	696.75	31.76 QP	46.00	-14.24	1.00 V	139	9.79	21.97
8	828.94	33.71 QP	46.00	-12.29	1.00 V	49	9.99	23.72
9	891.14	34.07 QP	46.00	-11.93	1.00 V	55	9.42	24.65

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.93	22.26 QP	40.00	-17.74	3.00 H	277	9.43	12.83
2	193.29	26.88 QP	43.50	-16.62	1.00 H	172	15.06	11.82
3	298.26	34.53 QP	46.00	-11.47	1.00 H	241	20.15	14.38
4	397.39	41.05 QP	46.00	-4.95	2.00 H	19	24.38	16.67
5	498.48	38.52 QP	46.00	-7.48	2.00 H	232	19.97	18.55
6	690.92	37.47 QP	46.00	-8.53	1.00 H	352	15.56	21.91
7	755.07	37.33 QP	46.00	-8.67	1.00 H	349	14.07	23.26
8	811.44	39.21 QP	46.00	-6.79	1.00 H	331	15.65	23.56
9	900.86	32.50 QP	46.00	-13.50	2.00 H	91	7.68	24.82

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.94	27.91 QP	40.00	-12.09	1.00 V	223	13.90	14.01
2	140.80	23.72 QP	43.50	-19.78	1.00 V	217	9.26	14.46
3	298.26	30.98 QP	46.00	-15.02	2.00 V	322	16.60	14.38
4	397.39	36.62 QP	46.00	-9.38	1.00 V	313	19.95	16.67
5	498.48	42.91 QP	46.00	-3.09	1.00 V	139	24.36	18.55
6	597.62	31.28 QP	46.00	-14.72	1.00 V	46	10.51	20.76
7	690.92	31.61 QP	46.00	-14.39	2.00 V	259	9.70	21.91
8	751.18	34.26 QP	46.00	-11.74	2.00 V	265	11.01	23.25
9	803.67	36.29 QP	46.00	-9.71	3.00 V	286	12.79	23.49

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	0	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2402.00	91.32 PK			1.36 H	70	57.44	33.88
1	*2402.00	56.78 AV			1.36 H	70	22.90	33.88
2	4804.00	51.46 PK	74.00	-22.54	1.49 H	123	10.81	40.64
3	7208.00	58.71 PK	74.00	-15.29	1.08 H	360	10.95	47.77

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2402.00	83.44 PK			1.24 V	134	49.56	33.88
1	*2402.00	48.90 AV			1.24 V	134	15.02	33.88
2	4804.00	52.86 PK	74.00	-21.14	1.00 V	176	12.21	40.64
3	7208.00	65.43 PK	74.00	-8.57	1.00 V	181	17.67	47.77

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	0	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2402.00	87.06 PK			1.21 H	85	55.42	31.64
1	*2402.00	52.52 AV			1.21 H	85	20.88	31.64
2	4804.00	50.36 PK	74.00	-23.64	1.00 H	360	12.81	37.55
3	7206.00	64.21 PK	74.00	-9.79	1.46 H	311	20.15	44.06

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2402.00	84.28 PK			1.12 V	163	52.64	31.64
1	*2402.00	49.74 AV			1.12 V	163	18.10	31.64
2	4804.00	48.71 PK	74.00	-25.29	1.13 V	41	11.16	37.55
3	7608.00	61.32 PK	74.00	-12.68	1.18 V	33	16.63	44.69

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	0	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2402.00	84.26 PK			1.13 H	82	52.62	31.64
1	*2402.00	49.72 AV			1.13 H	82	18.08	31.64
2	4804.00	47.95 PK	74.00	-26.05	1.26 H	270	10.40	37.55
3	7206.00	59.70 PK	74.00	-14.30	1.00 H	203	15.64	44.06

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2402.00	90.19 PK			1.00 V	360	58.55	31.64
1	*2402.00	55.62 AV			1.00 V	360	23.98	31.64
2	4804.00	49.64 PK			1.00 V	136	12.09	37.55
3	7206.00	62.43 PK	74.00	-11.57	1.66 V	360	18.37	44.06

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	39	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2441.00	87.55 PK			1.35 H	259	55.67	31.88
1	*2441.00	53.01 AV			1.35 H	259	21.13	31.88
2	4882.00	49.69 PK	74.00	-24.31	1.00 H	309	12.02	37.67
3	7323.00	61.46 PK	74.00	-12.54	1.38 H	285	17.09	44.37

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2441.00	80.77 PK			1.20 V	309	48.89	31.88
1	*2441.00	46.23 AV			1.20 V	309	14.35	31.88
2	4882.00	52.55 PK	74.00	-21.45	1.00 V	351	14.88	37.67
3	7323.00	62.64 PK	74.00	-11.36	1.18 V	336	18.27	44.37

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	39	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2441.00	84.81 PK			1.81 H	85	52.93	31.88
1	*2441.00	50.27 AV			1.81 H	85	18.39	31.88
2	4882.00	50.49 PK	74.00	-23.51	1.00 H	357	12.82	37.67
3	7323.00	66.20 PK	74.00	-7.80	1.06 H	337	21.83	44.37

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2441.00	80.39 PK			1.27 V	156	48.51	31.88
1	*2441.00	45.85 AV			1.27 V	156	13.97	31.88
2	4882.00	48.97 PK	74.00	-25.03	1.23 V	360	11.30	37.67
3	7323.00	60.47 PK	74.00	-13.53	1.39 V	20	16.10	44.37

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	39	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2441.00	84.54 PK			1.40 H	44	52.66	31.88
1	*2441.00	50.00 AV			1.40 H	44	18.12	31.88
2	4882.00	50.21 PK	74.00	-23.79	1.02 H	280	12.54	37.67
3	7323.00	59.28 PK	74.00	-14.72	1.00 H	145	14.91	44.37

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2441.00	87.40 PK			1.00 V	59	55.52	31.88
1	*2441.00	52.86 AV			1.00 V	59	20.98	31.88
2	4882.00	49.16 PK	74.00	-24.84	1.18 V	125	11.49	37.67
3	7323.00	62.08 PK	74.00	-11.92	1.01 V	143	17.71	44.37

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	85.79 PK			1.37 H	63	51.55	34.24
1	*2480.00	51.25 AV			1.37 H	63	17.01	34.24
2	4960.00	51.00 PK	74.00	-23.00	1.18 H	295	9.91	41.09
3	7440.00	63.74 PK	74.00	-10.26	1.34 H	272	15.34	48.40

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	79.73 PK			1.37 V	63	45.49	34.24
1	*2480.00	45.19 AV			1.37 V	63	10.95	34.24
2	4960.00	54.79 PK	74.00	-19.21	1.07 V	356	13.70	41.09
3	7440.00	66.21 PK	74.00	-7.79	1.22 V	146	17.81	48.40

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	79.62 PK			1.00 H	200	47.51	32.11
1	*2480.00	45.08 AV			1.00 H	200	12.97	32.11
2	4960.00	51.72 PK	74.00	-22.28	1.23 H	8	13.91	37.81
3	7440.00	64.93 PK	74.00	-9.07	1.04 H	348	20.30	44.63

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	79.41 PK			1.02 V	155	47.30	32.11
1	*2480.00	44.87 AV			1.02 V	155	12.76	32.11
2	4960.00	49.02 PK	74.00	-24.98	1.12 V	335	11.21	37.81
3	7440.00	58.96 PK	74.00	-15.04	1.00 V	44	14.33	44.63

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	78	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	80.85 PK			1.32 H	82	48.74	32.11
1	*2480.00	46.31 AV			1.32 H	82	14.20	32.11
2	4960.00	48.76 PK	74.00	-25.24	1.14 H	278	10.95	37.81
3	7440.00	58.37 PK	74.00	-15.63	1.00 H	317	13.74	44.63

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2480.00	84.36 PK			1.00 V	9	52.25	32.11
1	*2480.00	49.82 AV			1.00 V	9	17.71	32.11
2	4960.00	50.68 PK	74.00	-23.32	1.00 V	135	12.87	37.81
3	7440.00	62.13 PK	74.00	-11.87	1.42 V	360	17.50	44.63

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency
 6. The DH3 packet was the worse case duty cycle for a transmit dwell time on a channel, based upon bluetooth theory the transmitter is on 0.625*3 per 197.5 ms per channel. Therefore, the duty cycle be equal to: $20\log(1.875/100) = -34.54$ dB
 7. Average value = peak reading $-20\log(\text{duty cycle})$



4.8 BAND EDGES MEASUREMENT

4.8.1 LIMITS OF BAND EDGES MEASUREMENT

Below -20dB of the highest emission level of operating band (in 100kHz RBW).

4.8.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005

NOTES:

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

4.8.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low lose cable. Set both RBW and VBW of spectrum analyzer to 100 kHz with suitable frequency span including 100 MHz bandwidth from band edge. The band edges was measured and recorded.

4.8.4 DEVIATION FROM TEST STANDARD

No deviation

4.8.5 EUT OPERATING CONDITION

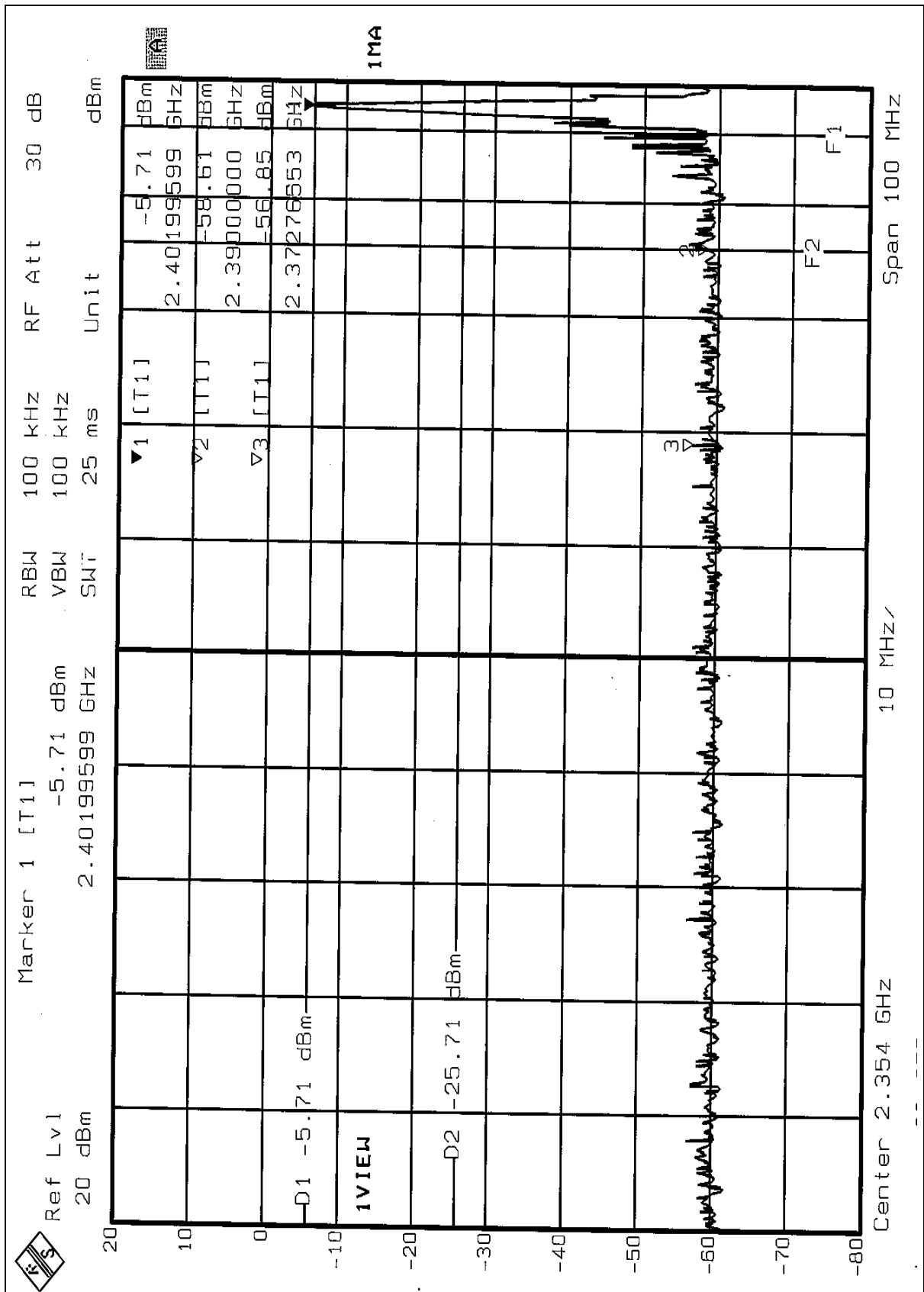
The software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel frequencies individually.

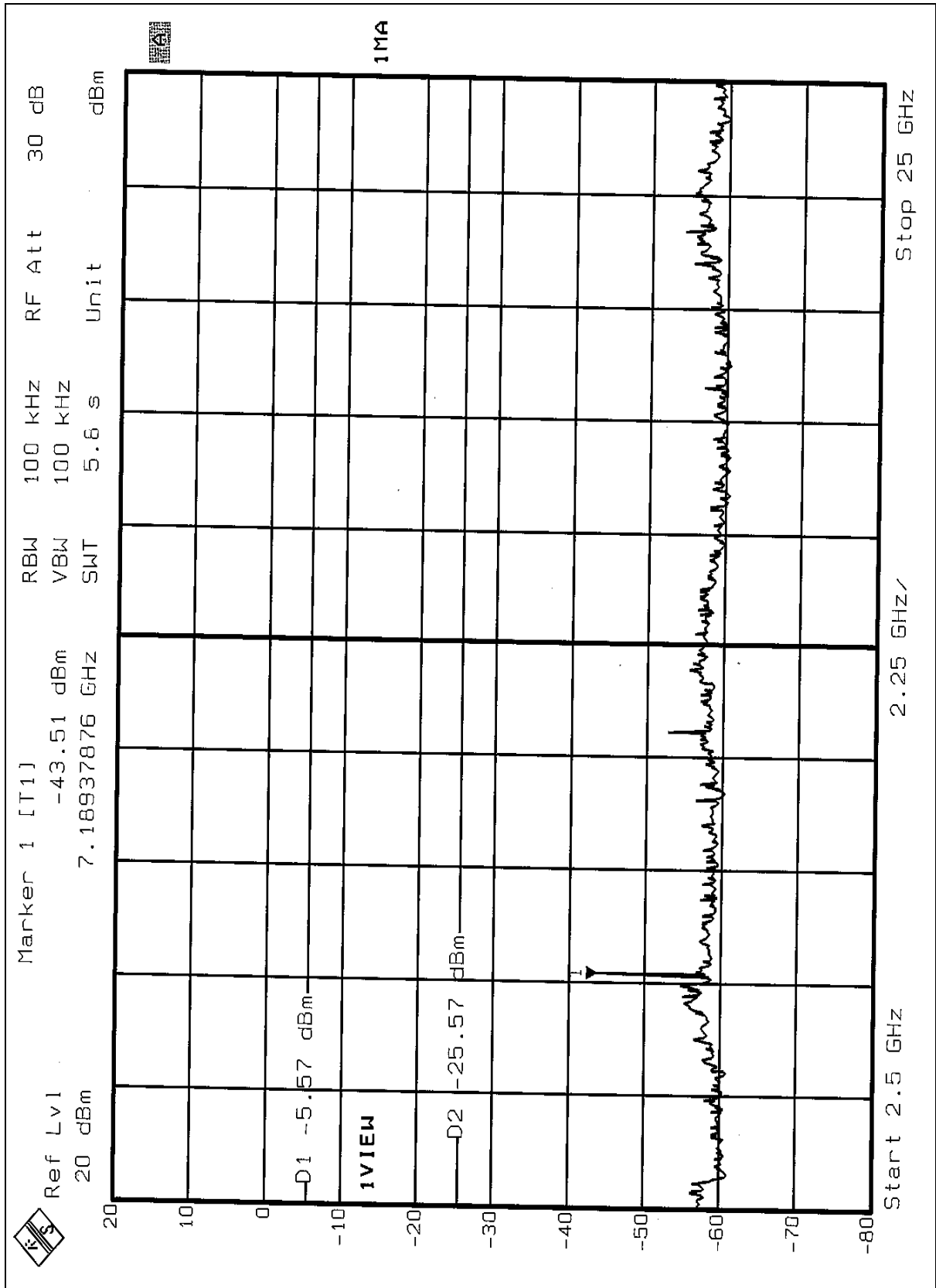
4.8.6 TEST RESULTS

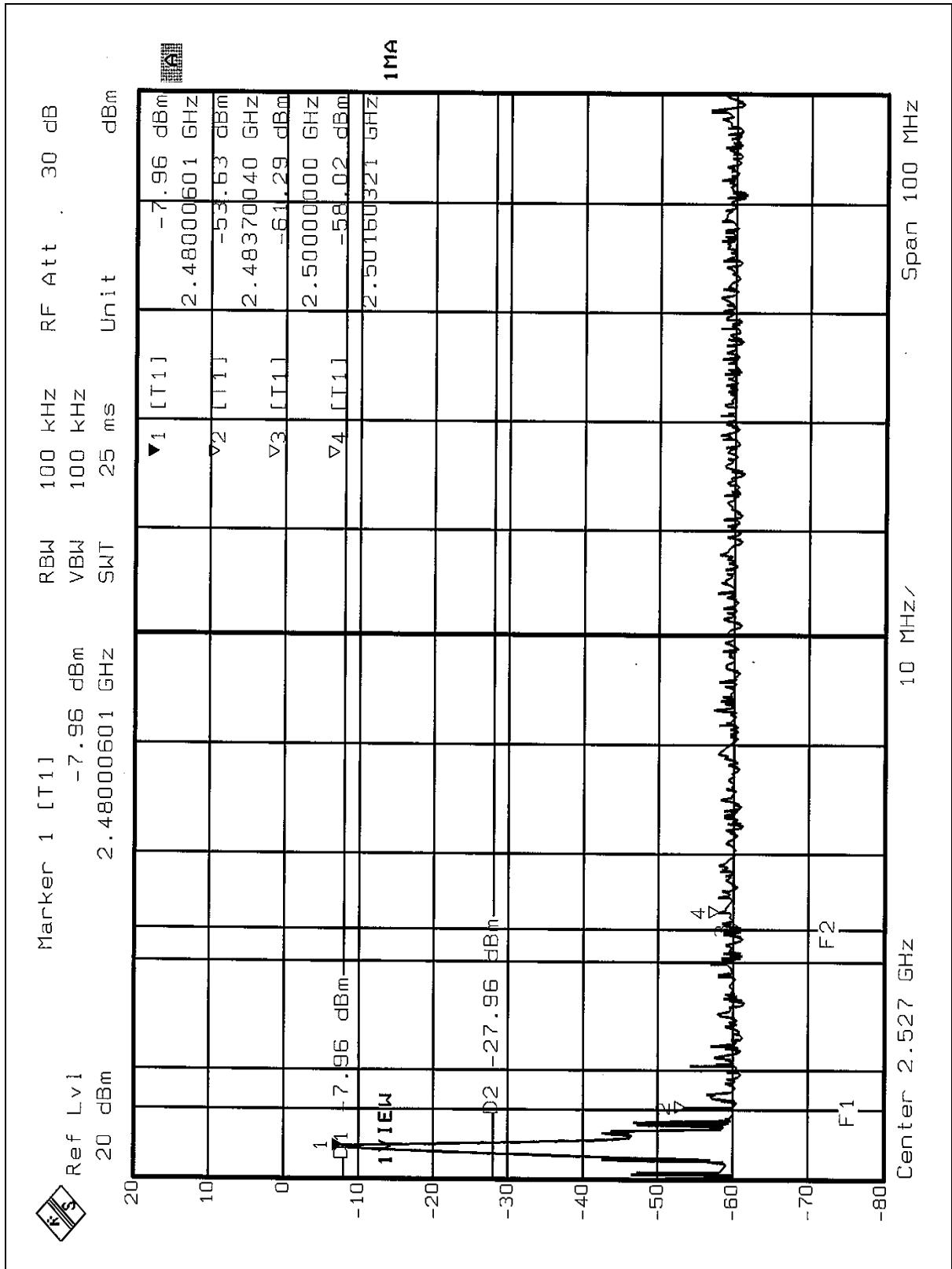
The spectrum plots are attached on the following 4 pages. D2 line indicates the highest level, D1 line indicates the 20dB offset below D2. It shows compliance with the requirement in part 15.247(C).

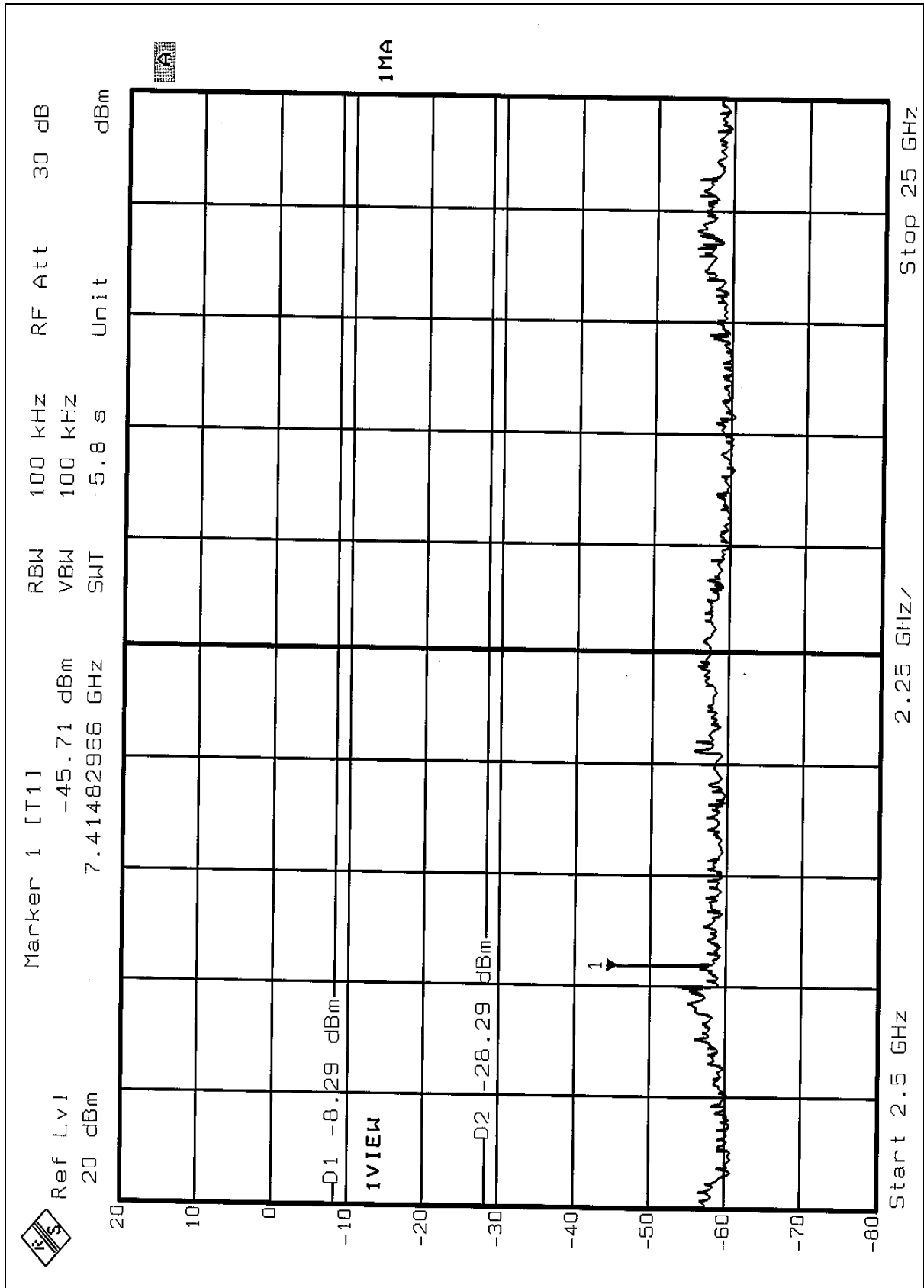
NOTE1: The band edge emission plot on the following 1 ~ 2 page shows 51.14dB delta between carrier maximum power and local maximum emission in restrict band (2.3900GHz). The emission of carrier strength list in the test result of channel 0 at the item 4.7.9 is 61.31dBuV/m, so the maximum field strength in restrict band is $61.32 - 51.14 = 10.18$ dBuV/m which is under 54 dBuV/m limit.

NOTE2: The band edge emission plot on the following 3 ~ 4 page shows 45.67dB delta between carrier maximum power and local maximum emission in restrict band (2.4837GHz). The emission of carrier strength list in the test result of channel 78 at the item 4.7.9 is 55.79dBuV/m, so the maximum field strength in restrict band is $55.79 - 45.67 = 10.12$ dBuV/m which is under 54 dBuV/m limit.









4.9 ANTENNA REQUIREMENT

4.9.1 STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 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 FCC 47 CFR Section 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.

4.9.2 ANTENNA CONNECTED CONSTRUCTION

The antenna used in this product is PCB Antenna with UFL antenna connector. The maximum Gain of this antenna is only 3.94dBi.



FOR WIRELESS FUNCTION

5 TEST PROCEDURES AND RESULTS

5.1 CONDUCTED EMISSION MEASUREMENT

5.1.1 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

- NOTE:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
 3. 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.

5.1.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESCS30	100291	Dec. 12, 2004
RF signal cable Woken	5D-FB	Cable-HYC01-01	Mar. 02, 2005
LISN ROHDE & SCHWARZ	ESH3-Z5	100312	Mar. 03, 2005
LISN ROHDE & SCHWARZ	ESH2-Z5	100104	Mar. 02, 2005
Software ADT	ADT_Cond_V3	NA	NA

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Shielded Room 1.
 3. The VCCI Site Registration No. is C-2040.

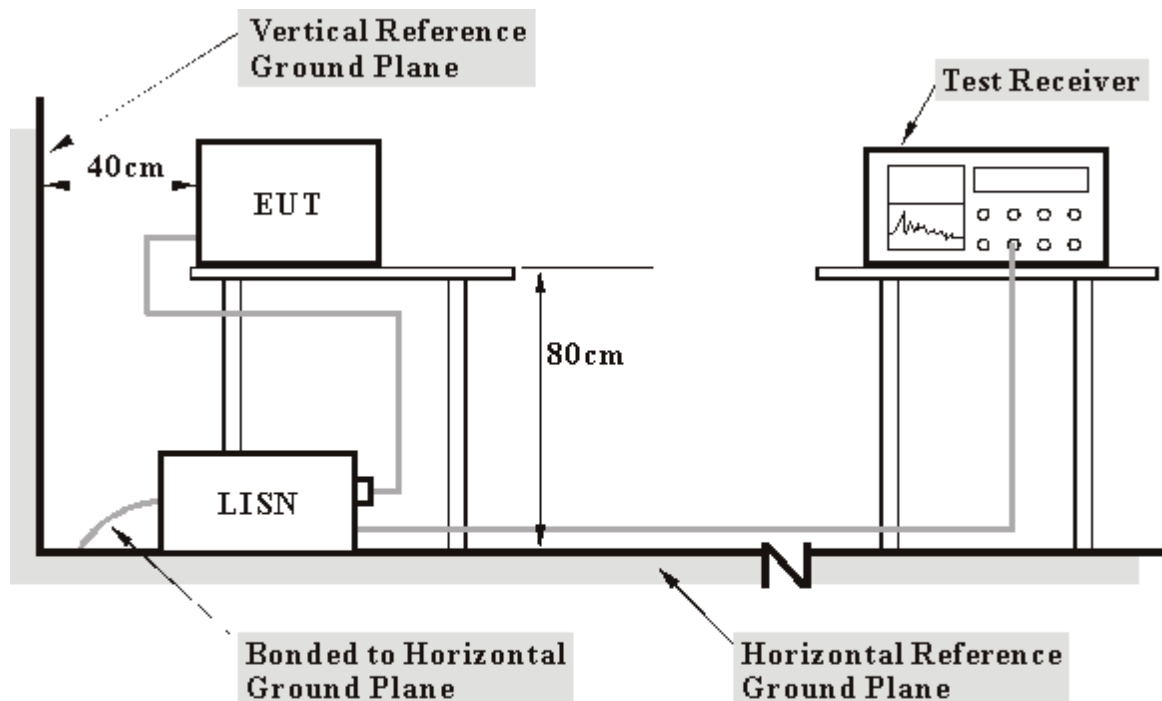
5.1.3 TEST PROCEDURES

- 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.
- Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- The frequency range from 150kHz to 30MHz was searched. Emission levels under Limit - 20dB was not recorded.

5.1.4 DEVIATION FROM TEST STANDARD

No deviation

5.1.5 TEST SETUP



- Note:**
- Support units were connected to second LISN.
 - 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.

5.1.6 EUT OPERATING CONDITIONS

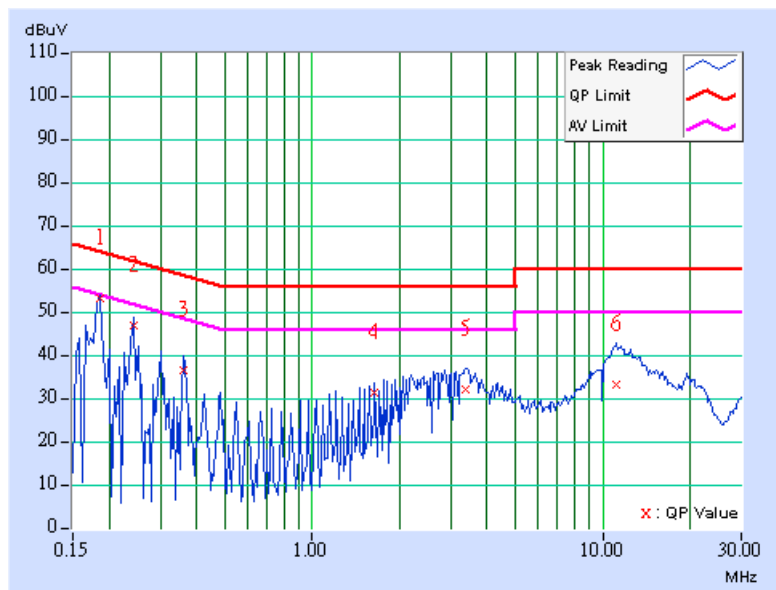
Same as 4.1.6

5.1.7 TEST RESULTS

EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 1	6dB BANDWIDTH	9 kHz
TEST MODE	A	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Line (L)
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.185	0.12	52.81	-	52.93	-	64.25	54.25	-11.33	-
2	0.244	0.12	46.61	-	46.73	-	61.97	51.97	-15.24	-
3	0.361	0.13	36.24	-	36.37	-	58.71	48.71	-22.34	-
4	1.633	0.16	30.94	-	31.10	-	56.00	46.00	-24.90	-
5	3.391	0.19	31.78	-	31.97	-	56.00	46.00	-24.03	-
6	11.191	0.41	32.92	-	33.33	-	60.00	50.00	-26.67	-

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

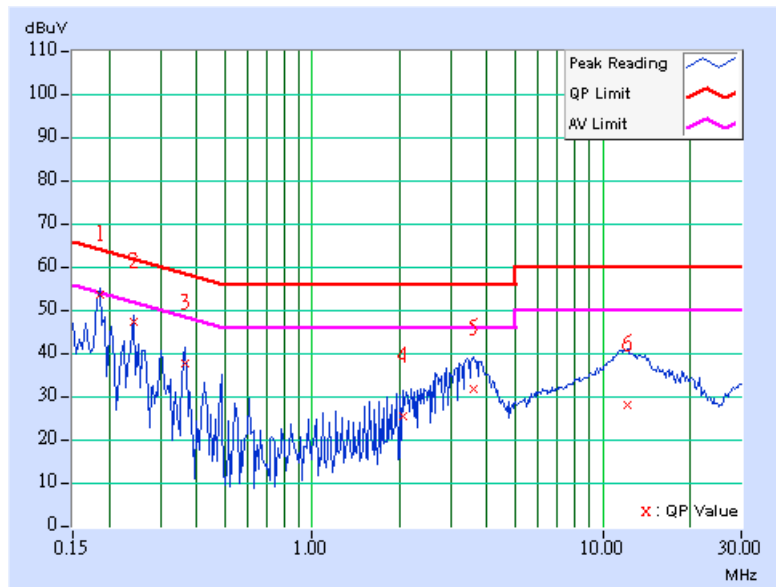




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 1	6dB BANDWIDTH	9 kHz
TEST MODE	A	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Neutral (N)
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.185	0.11	53.45	-	53.56	-	64.25	54.25	-10.69	-
2	0.244	0.11	46.97	-	47.08	-	61.97	51.97	-14.89	-
3	0.365	0.12	37.36	-	37.48	-	58.62	48.62	-21.14	-
4	2.063	0.16	25.07	-	25.23	-	56.00	46.00	-30.77	-
5	3.578	0.19	31.53	-	31.72	-	56.00	46.00	-24.28	-
6	12.176	0.44	27.63	-	28.07	-	60.00	50.00	-31.93	-

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

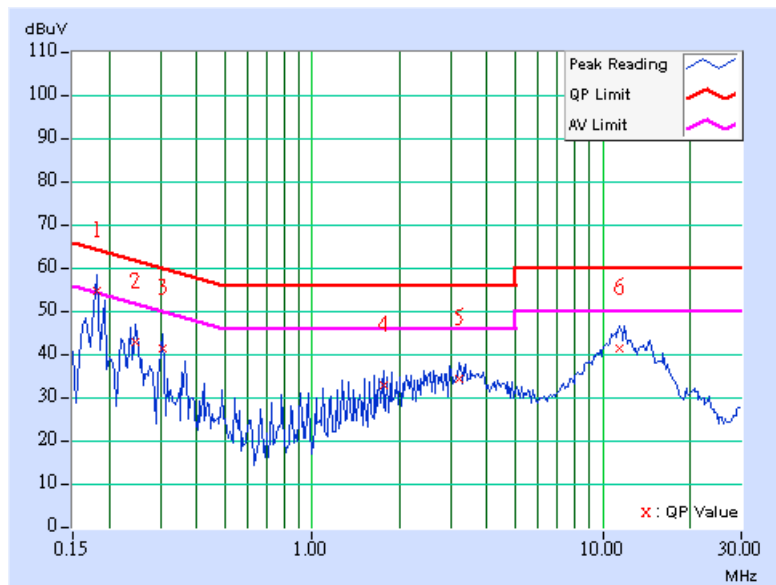




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 6	6dB BANDWIDTH	9 kHz
TEST MODE	A	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Line (L)
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	54.45	42.73	54.56	42.84	64.43	54.43	-9.86	-11.58
2	0.248	0.12	42.51	-	42.63	-	61.84	51.84	-19.20	-
3	0.306	0.12	41.03	-	41.15	-	60.07	50.07	-18.92	-
4	1.758	0.16	32.58	-	32.74	-	56.00	46.00	-23.26	-
5	3.207	0.19	34.19	-	34.38	-	56.00	46.00	-21.62	-
6	11.445	0.44	41.02	-	41.46	-	60.00	50.00	-18.54	-

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

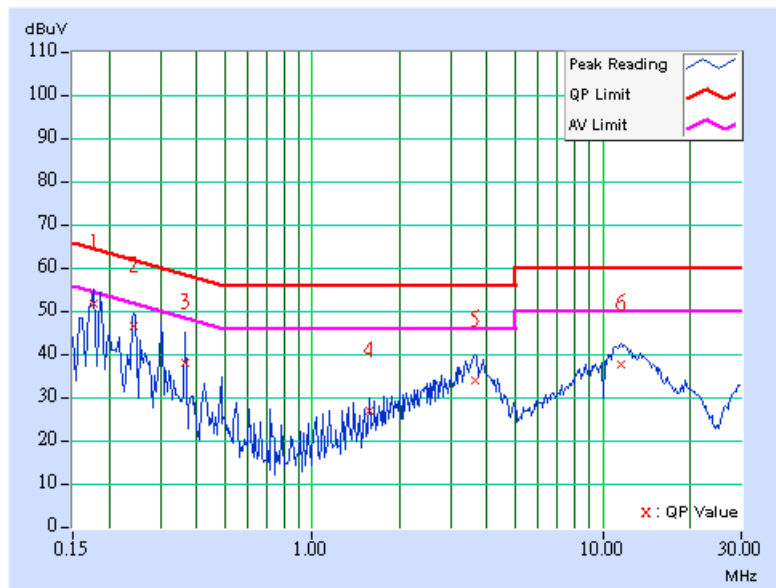




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 6	6dB BANDWIDTH	9 kHz
TEST MODE	A	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Neutral (N)
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.177	0.11	51.30	-	51.41	-	64.61	54.61	-13.20	-
2	0.244	0.11	46.14	-	46.25	-	61.97	51.97	-15.72	-
3	0.365	0.12	37.85	-	37.97	-	58.62	48.62	-20.65	-
4	1.574	0.16	26.81	-	26.97	-	56.00	46.00	-29.03	-
5	3.633	0.19	33.63	-	33.82	-	56.00	46.00	-22.18	-
6	11.555	0.39	37.50	-	37.89	-	60.00	50.00	-22.11	-

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

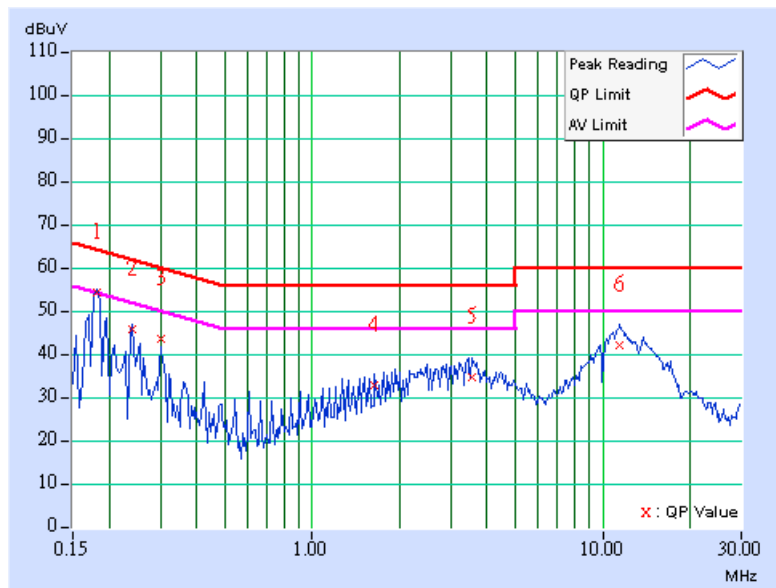




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 11	6dB BANDWIDTH	9 kHz
TEST MODE	A	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Line (L)
TESTED BY	Leo Hung		

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	0.181	0.11	54.15	-	54.26	-	64.43
2	0.240	0.12	45.45	-	45.57	-	62.10	52.10	-16.53	-
3	0.302	0.12	43.23	-	43.35	-	60.18	50.18	-16.82	-
4	1.633	0.16	32.52	-	32.68	-	56.00	46.00	-23.32	-
5	3.566	0.20	34.42	-	34.62	-	56.00	46.00	-21.38	-
6	11.480	0.44	41.73	-	42.17	-	60.00	50.00	-17.83	-

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

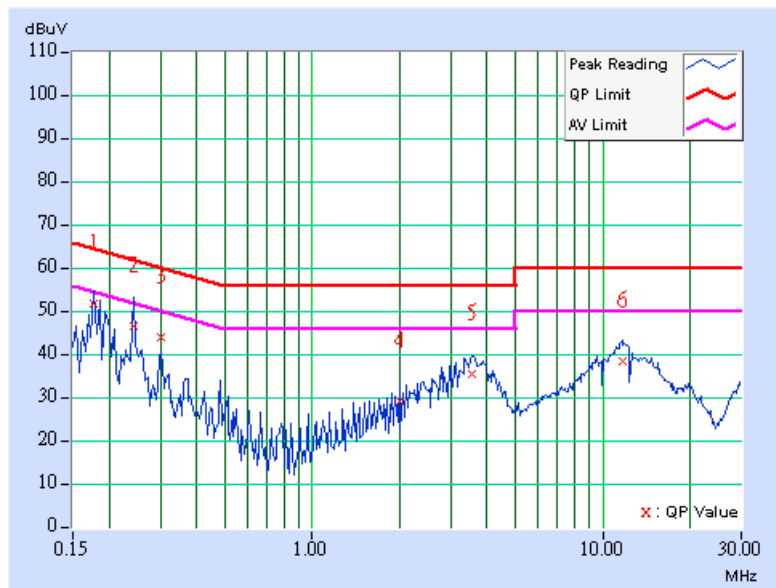




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 11	6dB BANDWIDTH	9 kHz
TEST MODE	A	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Neutral (N)
TESTED BY	Leo Hung		

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	0.177	0.11	51.30	-	51.41	-	64.61
2	0.244	0.11	46.14	-	46.25	-	61.97	51.97	-15.72	-
3	0.302	0.11	43.65	-	43.76	-	60.18	50.18	-16.41	-
4	1.996	0.16	28.96	-	29.12	-	56.00	46.00	-26.88	-
5	3.570	0.19	35.13	-	35.32	-	56.00	46.00	-20.68	-
6	11.668	0.40	38.06	-	38.46	-	60.00	50.00	-21.54	-

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

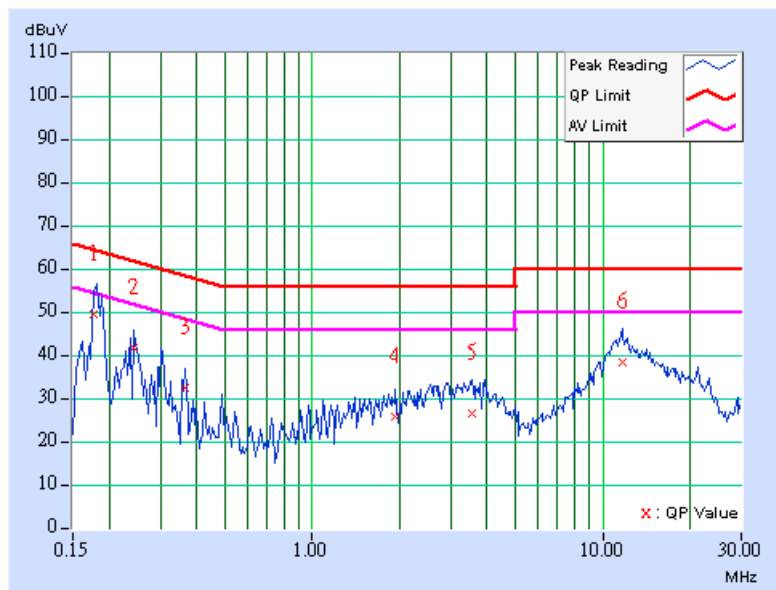




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 1	6dB BANDWIDTH	9 kHz
TEST MODE	B	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Line (L)
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.177	0.11	49.07	-	49.18	-	64.61	54.61	-15.43	-
2	0.244	0.12	41.43	-	41.55	-	61.97	51.97	-20.42	-
3	0.365	0.13	32.24	-	32.37	-	58.62	48.62	-26.25	-
4	1.934	0.16	25.58	-	25.74	-	56.00	46.00	-30.26	-
5	3.547	0.20	26.30	-	26.50	-	56.00	46.00	-29.50	-
6	11.672	0.46	37.94	-	38.40	-	60.00	50.00	-21.60	-

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

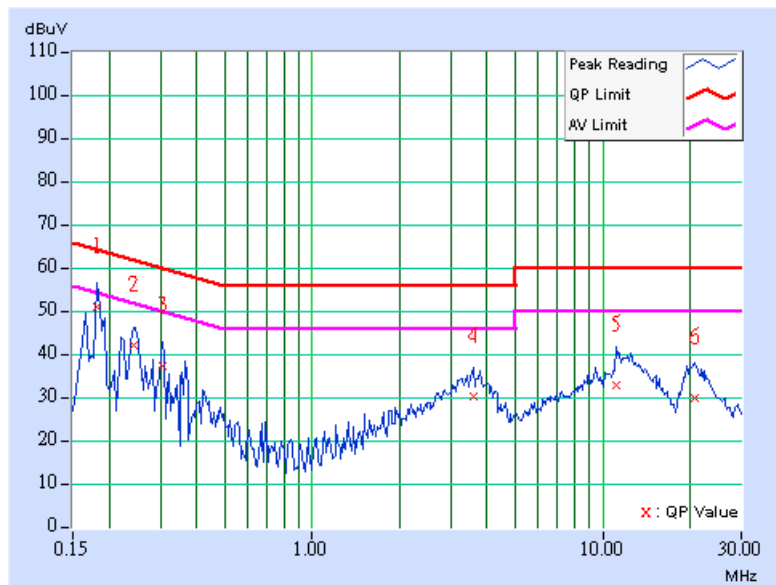




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 1	6dB BANDWIDTH	9 kHz
TEST MODE	B	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Neutral (N)
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.181	0.11	50.40	-	50.51	-	64.43	54.43	-13.92	-
2	0.244	0.11	41.35	-	41.46	-	61.97	51.97	-20.51	-
3	0.306	0.11	36.65	-	36.76	-	60.07	50.07	-23.31	-
4	3.594	0.19	29.82	-	30.01	-	56.00	46.00	-25.99	-
5	11.133	0.36	32.28	-	32.64	-	60.00	50.00	-27.36	-
6	20.813	0.70	29.38	-	30.08	-	60.00	50.00	-29.92	-

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

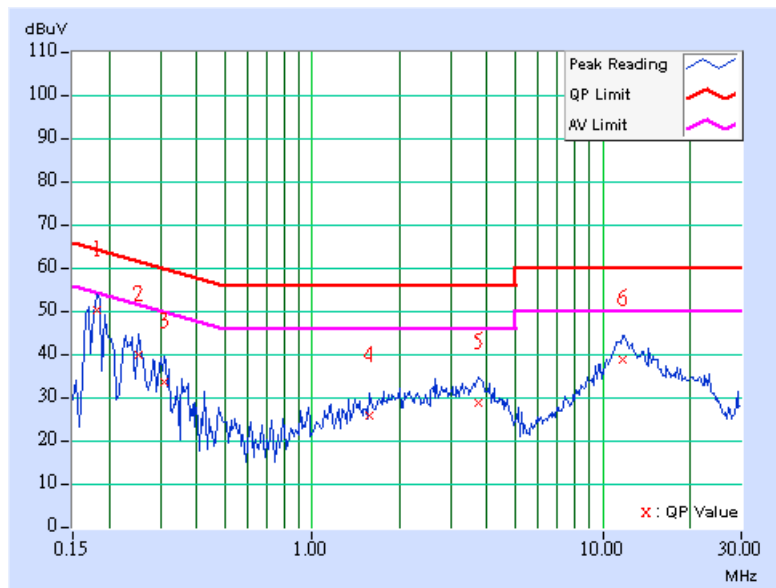




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 6	6dB BANDWIDTH	9 kHz
TEST MODE	B	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Line (L)
TESTED BY	Leo Hung		

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	0.181	0.11	49.72	-	49.83	-	64.43
2	0.252	0.12	39.45	-	39.57	-	61.71	51.71	-22.13	-
3	0.310	0.12	33.40	-	33.52	-	59.97	49.97	-26.44	-
4	1.582	0.16	25.61	-	25.77	-	56.00	46.00	-30.23	-
5	3.746	0.20	28.24	-	28.44	-	56.00	46.00	-27.56	-
6	11.750	0.47	38.34	-	38.81	-	60.00	50.00	-21.19	-

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

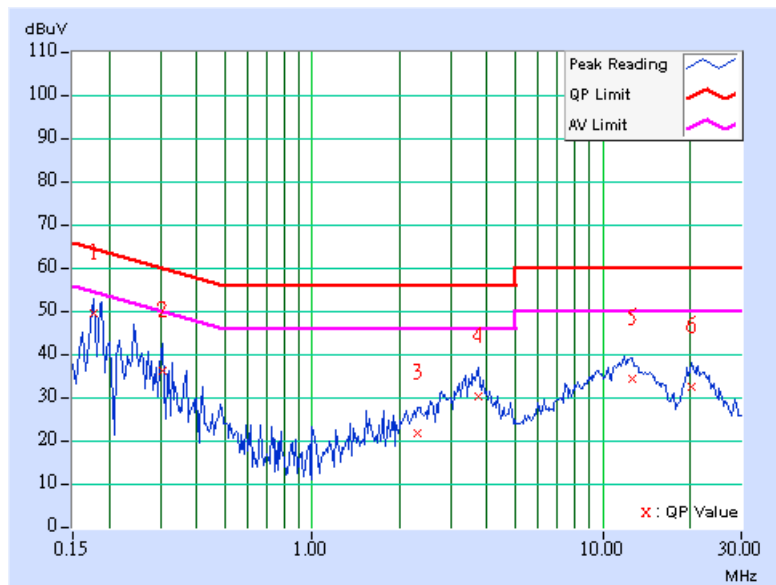




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 6	6dB BANDWIDTH	9 kHz
TEST MODE	B	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Neutral (N)
TESTED BY	Leo Hung		

No	Freq. [MHz]	Corr. Factor (dB)	Reading Value		Emission Level		Limit		Margin	
			[dB (uV)]		[dB (uV)]		[dB (uV)]		(dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.177	0.11	49.01	-	49.12	-	64.61	54.61	-15.49	-
2	0.306	0.11	35.67	-	35.78	-	60.07	50.07	-24.29	-
3	2.313	0.17	21.28	-	21.45	-	56.00	46.00	-34.55	-
4	3.727	0.19	29.65	-	29.84	-	56.00	46.00	-26.16	-
5	12.656	0.47	33.92	-	34.39	-	60.00	50.00	-25.61	-
6	20.262	0.71	31.86	-	32.57	-	60.00	50.00	-27.43	-

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

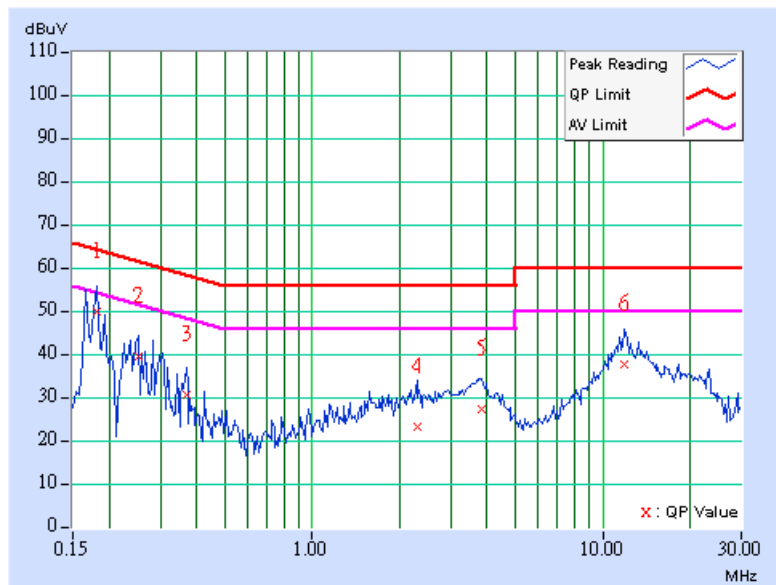




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 11	6dB BANDWIDTH	9 kHz
TEST MODE	B	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Line (L)
TESTED BY	Leo Hung		

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	0.181	0.11	49.55	-	49.66	-	64.43
2	0.252	0.12	39.16	-	39.28	-	61.71	51.71	-22.42	-
3	0.369	0.13	30.15	-	30.28	-	58.53	48.53	-28.25	-
4	2.293	0.17	22.90	-	23.07	-	56.00	46.00	-32.93	-
5	3.848	0.20	26.77	-	26.97	-	56.00	46.00	-29.03	-
6	11.879	0.48	37.38	-	37.86	-	60.00	50.00	-22.14	-

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

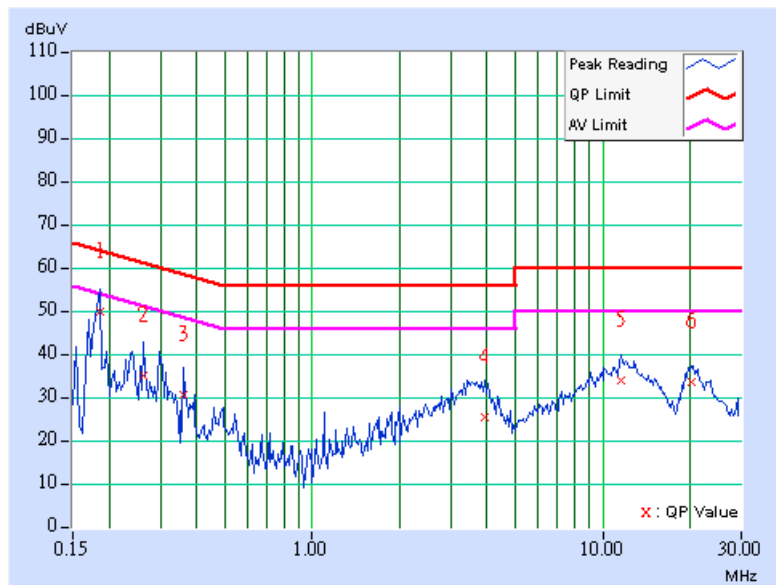




EUT	Hand-held Micro-computer	MODEL	7525S
CAHANNEL	Channel 11	6dB BANDWIDTH	9 kHz
TEST MODE	B	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20 deg. C, 70%RH, 991 hPa	PHASE	Neutral (N)
TESTED BY	Leo Hung		

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	0.185	0.11	49.29	-	49.40	-	64.25
2	0.263	0.11	34.63	-	34.74	-	61.33	51.33	-26.59	-
3	0.361	0.12	30.18	-	30.30	-	58.71	48.71	-28.41	-
4	3.945	0.20	24.91	-	25.11	-	56.00	46.00	-30.89	-
5	11.637	0.40	33.38	-	33.78	-	60.00	50.00	-26.22	-
6	20.258	0.71	33.13	-	33.84	-	60.00	50.00	-26.16	-

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



5.2 RADIATED EMISSION MEASUREMENT

5.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

5.2.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
Test Receiver ROHDE & SCHWARZ	ESI7	838496/016	Feb. 09, 2005
Spectrum Analyzer ROHDE & SCHWARZ	FSP40	100041	Dec. 15, 2004
BILOG Antenna SCHWARZBECK	VULB9168	9168-155	Feb. 03, 2005
HORN Antenna SCHWARZBECK	BBHA 9120D	9120D-404	Feb. 03, 2005
HORN Antenna SCHWARZBECK	BBHA 9170	BBHA 9170242	Feb. 23, 2005
Preamplifier Agilent	8447D	2944A10631	Jan. 15, 2005
Preamplifier Agilent	8449B	3008A01960	Jan. 22, 2005
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	219272/4	Mar. 04, 2005
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	219275/4	Mar. 04, 2005
Software ADT.	ADT_Radiated_V5.14	NA	NA
Antenna Tower inn-co GmbH	MA 4000	010303	NA
Antenna Tower Controller inn-co GmbH	CO2000	019303	NA
Turn Table ADT.	TT100.	TT93021704	NA
Turn Table Controller ADT.	SC100.	SC93021704	NA

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in HwaYa Chamber 3.
 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
 4. The IC Site Registration No. is IC4924-4.

5.2.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

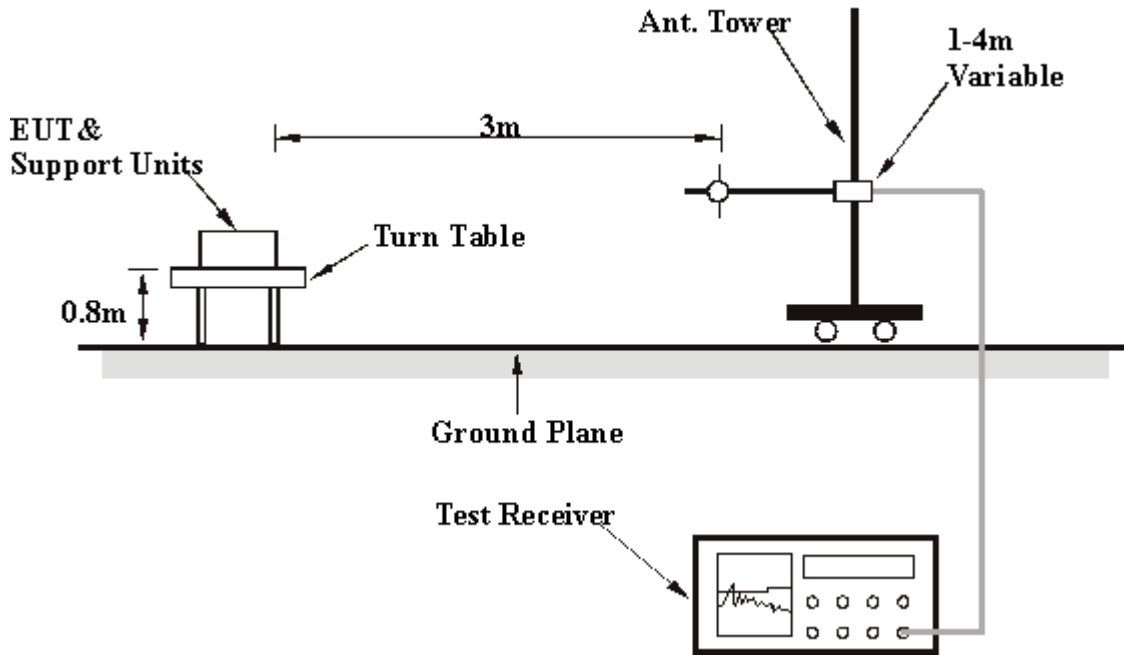
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.

5.2.4 DEVIATION FROM TEST STANDARD

No deviation

5.2.5 TEST SETUP



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

5.2.6 EUT OPERATING CONDITIONS

Same as 4.1.6



5.2.7 TEST RESULTS

EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	A
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	117.47	37.85 QP	43.50	-5.65	2.00 H	277	25.24	12.61
2	199.12	40.17 QP	43.50	-3.33	1.00 H	265	28.83	11.34
3	249.66	37.80 QP	46.00	-8.20	1.00 H	250	24.70	13.11
4	298.26	37.27 QP	46.00	-8.73	1.00 H	322	22.88	14.38
5	397.39	38.90 QP	46.00	-7.10	2.00 H	262	22.23	16.67
6	424.61	38.89 QP	46.00	-7.11	2.00 H	283	21.53	17.36
7	498.48	34.82 QP	46.00	-11.18	2.00 H	106	16.26	18.55
8	700.64	35.61 QP	46.00	-10.39	1.00 H	343	13.58	22.03
9	811.44	40.19 QP	46.00	-5.81	2.00 H	349	16.63	23.56
10	844.49	39.27 QP	46.00	-6.73	2.00 H	292	15.41	23.86

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	105.81	41.94 QP	43.50	-1.56	1.00 V	91	30.46	11.48
2	199.12	37.09 QP	43.50	-6.41	1.00 V	1	25.75	11.34
3	298.26	41.63 QP	46.00	-4.37	2.00 V	118	27.25	14.38
4	397.39	42.59 QP	46.00	-3.41	1.00 V	169	25.92	16.67
5	498.48	40.57 QP	46.00	-5.43	1.00 V	154	22.02	18.55
6	601.50	32.82 QP	46.00	-13.18	1.00 V	46	11.97	20.85
7	646.21	34.60 QP	46.00	-11.40	2.00 V	352	13.18	21.42
8	795.89	31.67 QP	46.00	-14.33	1.00 V	151	8.22	23.44
9	896.97	35.16 QP	46.00	-10.84	1.00 V	250	10.41	24.76

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	B (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	98.04	32.29 QP	43.50	-11.21	3.00 H	238	21.54	10.75
2	131.08	34.56 QP	43.50	-8.94	2.00 H	250	20.82	13.74
3	199.12	34.37 QP	43.50	-9.13	1.00 H	244	23.03	11.34
4	298.26	34.66 QP	46.00	-11.34	1.00 H	82	20.28	14.38
5	397.39	39.45 QP	46.00	-6.55	2.00 H	85	22.78	16.67
6	498.48	37.58 QP	46.00	-8.42	2.00 H	97	19.03	18.55
7	690.92	36.54 QP	46.00	-9.46	1.00 H	10	14.63	21.91
8	735.63	39.88 QP	46.00	-6.12	1.00 H	7	16.99	22.89
9	797.84	39.89 QP	46.00	-6.11	1.00 H	16	16.44	23.45

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	61.10	32.35 QP	40.00	-7.65	1.00 V	37	18.87	13.49
2	98.04	35.56 QP	43.50	-7.94	1.00 V	31	24.81	10.75
3	243.83	34.31 QP	46.00	-11.69	1.00 V	244	21.29	13.02
4	298.26	35.64 QP	46.00	-10.36	2.00 V	157	21.26	14.38
5	397.39	39.07 QP	46.00	-6.93	1.00 V	232	22.40	16.67
6	498.48	41.27 QP	46.00	-4.73	1.00 V	307	22.71	18.55
7	648.16	33.42 QP	46.00	-12.58	3.00 V	175	11.98	21.45
8	741.46	32.87 QP	46.00	-13.13	2.00 V	109	9.84	23.03
9	891.14	37.51 QP	46.00	-8.49	1.00 V	52	12.86	24.65

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	B (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	98.04	35.01 QP	43.50	-8.49	2.00 H	226	24.26	10.75
2	131.08	34.30 QP	43.50	-9.20	3.00 H	256	20.56	13.74
3	199.12	37.02 QP	43.50	-6.48	2.00 H	223	25.68	11.34
4	298.26	40.08 QP	46.00	-5.92	1.00 H	103	25.70	14.38
5	370.18	37.13 QP	46.00	-8.87	1.00 H	130	21.12	16.01
6	397.39	41.17 QP	46.00	-4.83	2.00 H	352	24.51	16.67
7	498.48	41.47 QP	46.00	-4.53	2.00 H	10	22.91	18.55
8	696.75	32.18 QP	46.00	-13.82	1.00 H	139	10.21	21.97
9	795.89	32.36 QP	46.00	-13.64	1.00 H	28	8.92	23.44
10	912.53	34.61 QP	46.00	-11.39	1.00 H	22	9.67	24.94

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	61.10	32.48 QP	40.00	-7.52	1.00 V	349	19.00	13.49
2	98.04	33.67 QP	43.50	-9.83	1.00 V	217	22.92	10.75
3	212.73	28.79 QP	43.50	-14.71	1.00 V	127	17.23	11.56
4	300.20	36.41 QP	46.00	-9.59	1.00 V	37	22.00	14.41
5	397.39	36.93 QP	46.00	-9.07	1.00 V	25	20.26	16.67
6	498.48	36.23 QP	46.00	-9.77	2.00 V	178	17.68	18.55
7	739.52	32.70 QP	46.00	-13.30	1.00 V	265	9.72	22.98
8	842.55	32.99 QP	46.00	-13.01	2.00 V	100	9.15	23.84

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	B (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	131.08	35.12 QP	43.50	-8.38	2.00 H	259	21.39	13.74
2	199.12	33.66 QP	43.50	-9.84	1.00 H	205	22.32	11.34
3	251.60	32.81 QP	46.00	-13.19	1.00 H	259	19.68	13.13
4	298.26	36.57 QP	46.00	-9.43	1.00 H	67	22.18	14.38
5	397.39	43.06 QP	46.00	-2.94	2.00 H	232	26.39	16.67
6	436.27	37.44 QP	46.00	-8.56	2.00 H	52	19.79	17.65
7	498.48	39.00 QP	46.00	-7.00	2.00 H	91	20.45	18.55
8	665.65	37.73 QP	46.00	-8.27	2.00 H	325	16.09	21.64
9	710.36	37.81 QP	46.00	-8.19	1.00 H	334	15.54	22.26
10	896.97	36.20 QP	46.00	-9.80	2.00 H	70	11.45	24.76

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	61.10	32.88 QP	40.00	-7.12	1.00 V	1	19.39	13.49
2	98.04	33.52 QP	43.50	-9.98	1.00 V	214	22.77	10.75
3	131.08	27.68 QP	43.50	-15.82	3.00 V	178	13.95	13.74
4	199.12	31.00 QP	43.50	-12.50	1.00 V	235	19.66	11.34
5	300.20	39.10 QP	46.00	-6.90	1.00 V	25	24.68	14.41
6	397.39	38.87 QP	46.00	-7.13	1.00 V	4	22.21	16.67
7	498.48	40.70 QP	46.00	-5.30	1.00 V	220	22.15	18.55
8	648.16	32.56 QP	46.00	-13.44	1.00 V	145	11.12	21.45
9	747.29	32.99 QP	46.00	-13.01	2.00 V	244	9.82	23.17
10	838.66	33.93 QP	46.00	-12.07	1.00 V	19	10.12	23.81

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.93	23.51 QP	40.00	-16.49	4.00 H	166	10.69	12.83
2	199.12	25.61 QP	43.50	-17.89	1.00 H	73	14.27	11.34
3	298.26	30.73 QP	46.00	-15.27	1.00 H	211	16.34	14.38
4	397.39	37.56 QP	46.00	-8.44	1.00 H	46	20.89	16.67
5	498.48	40.63 QP	46.00	-5.37	2.00 H	49	22.07	18.55
6	665.65	34.50 QP	46.00	-11.50	1.00 H	121	12.86	21.64
7	702.59	35.24 QP	46.00	-10.76	2.00 H	40	13.17	22.07
8	743.41	39.57 QP	46.00	-6.43	1.00 H	10	16.49	23.08
9	811.44	38.01 QP	46.00	-7.99	1.00 H	184	14.45	23.56
10	844.49	35.95 QP	46.00	-10.05	1.00 H	142	12.09	23.86

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.93	22.76 QP	40.00	-17.24	3.00 V	328	9.94	12.83
2	249.66	29.48 QP	46.00	-16.52	1.00 V	85	16.37	13.11
3	267.15	30.60 QP	46.00	-15.40	1.00 V	10	17.05	13.55
4	300.20	39.99 QP	46.00	-6.01	1.00 V	55	25.57	14.41
5	366.29	34.36 QP	46.00	-11.64	1.00 V	193	18.45	15.91
6	397.39	38.92 QP	46.00	-7.08	2.00 V	322	22.25	16.67
7	498.48	39.54 QP	46.00	-6.46	1.00 V	349	20.99	18.55
8	696.75	29.56 QP	46.00	-16.44	1.00 V	292	7.58	21.97
9	852.26	33.57 QP	46.00	-12.43	1.00 V	229	9.62	23.95
10	896.97	36.30 QP	46.00	-9.70	1.00 V	256	11.55	24.76

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.93	22.78 QP	40.00	-17.22	3.00 H	40	9.95	12.83
2	199.12	25.75 QP	43.50	-17.75	1.00 H	268	14.41	11.34
3	298.26	36.91 QP	46.00	-9.09	1.00 H	169	22.53	14.38
4	358.52	34.45 QP	46.00	-11.55	1.00 H	157	18.73	15.73
5	397.39	41.77 QP	46.00	-4.23	1.00 H	52	25.11	16.67
6	447.94	36.82 QP	46.00	-9.18	2.00 H	22	18.88	17.95
7	498.48	43.08 QP	46.00	-2.92	2.00 H	43	24.53	18.55
8	696.75	32.84 QP	46.00	-13.16	1.00 H	115	10.87	21.97
9	896.97	30.63 QP	46.00	-15.37	1.00 H	232	5.88	24.76

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	31.94	28.07 QP	40.00	-11.93	1.00 V	184	14.06	14.01
2	70.82	23.16 QP	40.00	-16.84	1.00 V	271	10.90	12.27
3	249.66	29.74 QP	46.00	-16.26	1.00 V	46	16.64	13.11
4	265.21	31.10 QP	46.00	-14.90	1.00 V	40	17.63	13.47
5	300.20	42.88 QP	46.00	-3.12	1.00 V	61	28.47	14.41
6	397.39	32.67 QP	46.00	-13.33	3.00 V	109	16.00	16.67
7	498.48	34.45 QP	46.00	-11.55	1.00 V	340	15.90	18.55
8	669.54	31.69 QP	46.00	-14.31	2.00 V	52	10.01	21.68
9	739.52	32.61 QP	46.00	-13.39	1.00 V	139	9.63	22.98
10	844.49	33.61 QP	46.00	-12.39	2.00 V	61	9.75	23.86
11	896.97	33.19 QP	46.00	-12.81	2.00 V	241	8.43	24.76

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	Below 1GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	66.93	22.92 QP	40.00	-17.08	4.00 H	259	10.10	12.83
2	241.88	29.70 QP	46.00	-16.30	1.00 H	274	16.71	12.99
3	298.26	36.06 QP	46.00	-9.94	1.00 H	49	21.68	14.38
4	397.39	42.11 QP	46.00	-3.89	1.00 H	232	25.44	16.67
5	424.61	41.18 QP	46.00	-4.82	2.00 H	262	23.82	17.36
6	498.48	37.86 QP	46.00	-8.14	2.00 H	241	19.31	18.55
7	696.75	40.11 QP	46.00	-5.89	1.00 H	199	18.14	21.97
8	729.80	42.90 QP	46.00	-3.10	2.00 H	337	20.16	22.74
9	764.79	37.11 QP	46.00	-8.89	1.00 H	190	13.81	23.31
10	817.27	38.74 QP	46.00	-7.26	1.00 H	331	15.12	23.62

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	70.82	24.18 QP	40.00	-15.82	1.00 V	1	11.91	12.27
2	199.12	23.82 QP	43.50	-19.68	1.00 V	247	12.47	11.34
3	245.77	29.56 QP	46.00	-16.44	2.00 V	133	16.51	13.05
4	298.26	31.95 QP	46.00	-14.05	2.00 V	343	17.57	14.38
5	397.39	40.79 QP	46.00	-5.21	1.00 V	16	24.12	16.67
6	498.48	43.32 QP	46.00	-2.68	1.00 V	178	24.77	18.55
7	650.10	34.80 QP	46.00	-11.20	1.00 V	289	13.33	21.47
8	712.30	35.44 QP	46.00	-10.56	2.00 V	226	13.13	22.31
9	819.22	34.39 QP	46.00	-11.61	1.00 V	34	10.76	23.63
10	896.97	34.55 QP	46.00	-11.45	1.00 V	88	9.79	24.76

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	1	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.20 PK	74.00	-31.80	1.29 H	321	11.51	30.69
2	2390.00	41.91 PK	74.00	-32.09	1.13 H	134	8.08	33.83
2	2390.00	34.21 AV	54.00	-19.79	1.13 H	134	0.38	33.83
3	*2412.00	108.15 PK			1.06 H	18	74.22	33.93
3	*2412.00	100.45 AV			1.06 H	18	66.52	33.93
4	4824.00	51.76 PK	74.00	-22.24	1.10 H	157	11.10	40.66
4	4824.00	39.17 AV	54.00	-14.83	1.10 H	157	-1.49	40.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	41.04 PK	74.00	-32.96	1.10 V	124	10.35	30.69
2	2390.00	32.39 PK	74.00	-41.61	1.29 V	53	-1.44	33.83
2	2390.00	24.81 AV	54.00	-29.19	1.29 V	53	-9.02	33.83
3	*2412.00	98.63 PK			1.29 V	53	64.70	33.93
3	*2412.00	91.05 AV			1.29 V	53	57.12	33.93
4	4824.00	50.89 PK	74.00	-23.11	1.10 V	186	10.23	40.66

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ” : Fundamental frequency



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	1	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.60 PK	74.00	-31.40	1.11 H	235	11.91	30.69
2	2390.00	30.76 PK	74.00	-43.24	1.53 H	331	-3.07	33.83
2	2390.00	23.33 AV	54.00	-30.67	1.53 H	331	-10.50	33.83
3	*2412.00	97.00 PK			1.53 H	331	63.07	33.93
3	*2412.00	89.57 AV			1.53 H	331	55.64	33.93
4	4824.00	51.40 PK	74.00	-22.60	1.01 H	249	10.74	40.66
4	4824.00	38.27 AV	54.00	-15.73	1.01 H	249	-2.39	40.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	41.83 PK	74.00	-32.17	1.00 V	320	11.14	30.69
2	2390.00	40.37 PK	74.00	-33.63	1.14 V	360	6.54	33.83
2	2390.00	32.89 AV	54.00	-21.11	1.14 V	360	-0.94	33.83
3	*2412.00	106.61 PK			1.14 V	360	72.68	33.93
3	*2412.00	99.13 AV			1.14 V	360	65.20	33.93
4	4824.00	50.44 PK	74.00	-23.56	1.00 V	124	9.78	40.66
4	4824.00	39.16 AV	54.00	-14.84	1.00 V	124	-1.50	40.66

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	1	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.78 PK	74.00	-31.22	1.07 H	207	12.09	30.69
2	2390.00	39.81 PK	74.00	-34.19	1.13 H	134	5.98	33.83
2	2390.00	31.12 AV	54.00	-22.88	1.13 H	134	-2.71	33.83
3	*2412.00	106.05 PK			1.13 H	134	72.12	33.93
3	*2412.00	98.36 AV			1.13 H	134	64.43	33.93
4	4824.00	50.99 PK	74.00	-23.01	1.00 H	225	10.33	40.66
4	4824.00	38.53 AV	54.00	-15.47	1.00 H	225	-2.13	40.66

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	41.51 PK	74.00	-32.49	1.31 V	212	10.82	30.69
2	2390.00	33.17 PK	74.00	-40.83	1.00 V	53	-0.66	33.83
2	2390.00	25.63 AV	54.00	-28.37	1.00 V	53	-8.20	33.83
3	*2412.00	99.41 PK			1.00 V	53	65.48	33.93
3	*2412.00	91.87 AV			1.00 V	53	57.94	33.93
4	4824.00	51.26 PK	74.00	-22.74	1.05 V	312	10.60	40.66
4	4824.00	38.51 AV	54.00	-15.49	1.05 V	312	-2.15	40.66

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	6	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.16 PK	74.00	-31.84	1.07 H	236	11.47	30.69
2	*2437.00	108.28 PK			1.33 H	360	74.23	34.05
2	*2437.00	100.63 AV			1.33 H	360	66.58	34.05
3	4874.00	51.08 PK	74.00	-22.92	1.09 H	245	10.39	40.69
3	4874.00	38.89 AV	54.00	-15.11	1.09 H	245	-1.80	40.69

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.22 PK	74.00	-31.78	1.00 V	211	11.53	30.69
2	*2437.00	100.25 PK			1.46 V	52	66.20	34.05
2	*2437.00	92.69 AV			1.46 V	52	58.64	34.05
3	4874.00	51.25 PK	74.00	-22.75	1.00 V	125	10.56	40.69
3	4874.00	38.71 AV	54.00	-15.29	1.00 V	125	-1.98	40.69

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	6	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.57 PK	74.00	-31.43	1.05 H	311	11.88	30.69
2	*2437.00	99.52 PK			1.07 H	131	65.47	34.05
2	*2437.00	92.05 AV			1.07 H	131	58.00	34.05
3	4874.00	51.60 PK	74.00	-22.40	1.10 H	128	10.91	40.69
3	4874.00	38.71 AV	54.00	-15.29	1.10 H	128	-1.98	40.69

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	34.08 PK	74.00	-39.92	1.23 V	224	3.39	30.69
2	*2437.00	107.32 PK			1.10 V	12	73.27	34.05
2	*2437.00	99.77 AV			1.10 V	12	65.72	34.05
3	4874.00	51.30 PK	74.00	-22.70	1.00 V	244	10.61	40.69
3	4874.00	38.64 AV	54.00	-15.36	1.00 V	244	-2.05	40.69

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	6	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	41.53 PK	74.00	-32.47	1.42 H	244	10.84	30.69
2	*2437.00	106.29 PK			1.10 H	133	72.24	34.05
2	*2437.00	97.40 AV			1.10 H	133	63.35	34.05
3	4874.00	52.48 PK	74.00	-21.52	1.04 H	114	11.79	40.69
3	4874.00	39.40 AV	54.00	-14.60	1.04 H	114	-1.29	40.69

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	41.62 PK	74.00	-32.38	1.00 V	124	10.93	30.69
2	*2437.00	99.81 PK			1.37 V	49	65.76	34.05
2	*2437.00	93.30 AV			1.37 V	49	59.25	34.05
3	4874.00	51.58 PK	74.00	-22.42	1.00 V	142	10.89	40.69
3	4874.00	39.14 AV	54.00	-14.86	1.00 V	142	-1.55	40.69

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “ : Fundamental frequency

EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (X axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.70 PK	74.00	-31.30	1.14 H	335	12.01	30.69
2	*2462.00	108.85 PK			1.30 H	33	74.69	34.16
2	*2462.00	101.39 AV			1.30 H	33	67.23	34.16
3	2483.50	41.87 PK	74.00	-32.13	1.30 H	33	7.61	34.26
3	2483.50	34.41 AV	54.00	-19.59	1.30 H	33	0.15	34.26
4	4924.00	49.83 PK	74.00	-24.17	1.06 H	245	8.97	40.86

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	41.63 PK	74.00	-32.37	1.02 V	287	10.94	30.69
2	*2462.00	101.44 PK			1.00 V	64	67.28	34.16
2	*2462.00	93.88 AV			1.00 V	64	59.72	34.16
3	2483.50	34.46 PK	74.00	-39.54	1.00 V	64	0.20	34.26
3	2483.50	26.90 AV	54.00	-15.26	1.00 V	64	-7.36	34.26
4	4924.00	50.63 PK	74.00	-23.37	1.00 V	254	9.77	40.86

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. " * " : Fundamental frequency



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Y axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	42.58 PK	74.00	-31.42	1.03 H	255	11.89	30.69
2	*2462.00	98.13 PK			1.30 H	128	63.97	34.16
2	*2462.00	90.85 AV			1.30 H	128	56.69	34.16
3	2483.50	31.15 PK	74.00	-42.85	1.30 H	128	-3.11	34.26
3	2483.50	23.87 AV	54.00	-30.13	1.30 H	128	-10.39	34.26
4	4924.00	50.48 PK	74.00	-23.52	1.14 H	355	9.62	40.86

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	43.94 PK	74.00	-30.06	1.26 V	192	13.25	30.69
2	*2462.00	106.68 PK			1.09 V	360	72.52	34.16
2	*2462.00	99.23 AV			1.09 V	360	65.07	34.16
3	2483.50	39.70 PK	74.00	-34.30	1.09 V	360	5.44	34.26
3	2483.50	32.25 AV	54.00	-21.75	1.09 V	360	-2.01	34.26
4	4924.00	50.03 PK	74.00	-23.97	1.00 V	224	9.17	40.86

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. " * " : Fundamental frequency



EUT	Hand-held Micro-computer	MODEL	7525S
CHANNEL	11	FREQUENCY RANGE	1 ~25GHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION	Peak(PK) Average (AV)
ENVIRONMENTAL CONDITIONS	24 deg. C, 64 % RH, 991hPa	TEST MODE	C (Z axis)
TESTED BY	Leo Hung		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	45.08 PK	74.00	-28.92	1.23 H	129	14.39	30.69
2	*2462.00	106.50 PK			1.10 H	11	72.34	34.16
2	*2462.00	98.74 AV			1.10 H	11	64.58	34.16
3	2483.50	39.52 PK	74.00	-34.48	1.10 H	11	5.26	34.26
3	2483.50	31.76 AV	54.00	-22.24	1.10 H	11	-2.50	34.26
4	4948.00	50.87 PK	74.00	-23.13	1.00 H	174	9.86	41.01

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1396.00	43.65 PK	74.00	-30.35	1.00 V	221	12.96	30.69
2	*2462.00	99.12 PK			1.15 V	70	64.96	34.16
2	*2462.00	91.38 AV			1.15 V	70	57.22	34.16
3	2483.50	32.14 PK	74.00	-41.86	1.15 V	70	-2.12	34.26
3	2483.50	24.40 AV	54.00	-29.60	1.15 V	70	-9.86	34.26
4	4924.00	50.92 PK	74.00	-23.08	1.00 V	270	10.06	40.86

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
 2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. " * " : Fundamental frequency

5.3 6dB BANDWIDTH MEASUREMENT

5.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

5.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	August 12, 2004

NOTE:

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

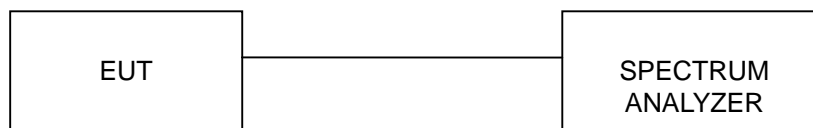
5.3.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100 kHz RBW and 100 kHz VBW. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

5.3.4 DEVIATION FROM TEST STANDARD

No deviation

5.3.5 TEST SETUP



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

5.3.6 EUT OPERATING CONDITIONS

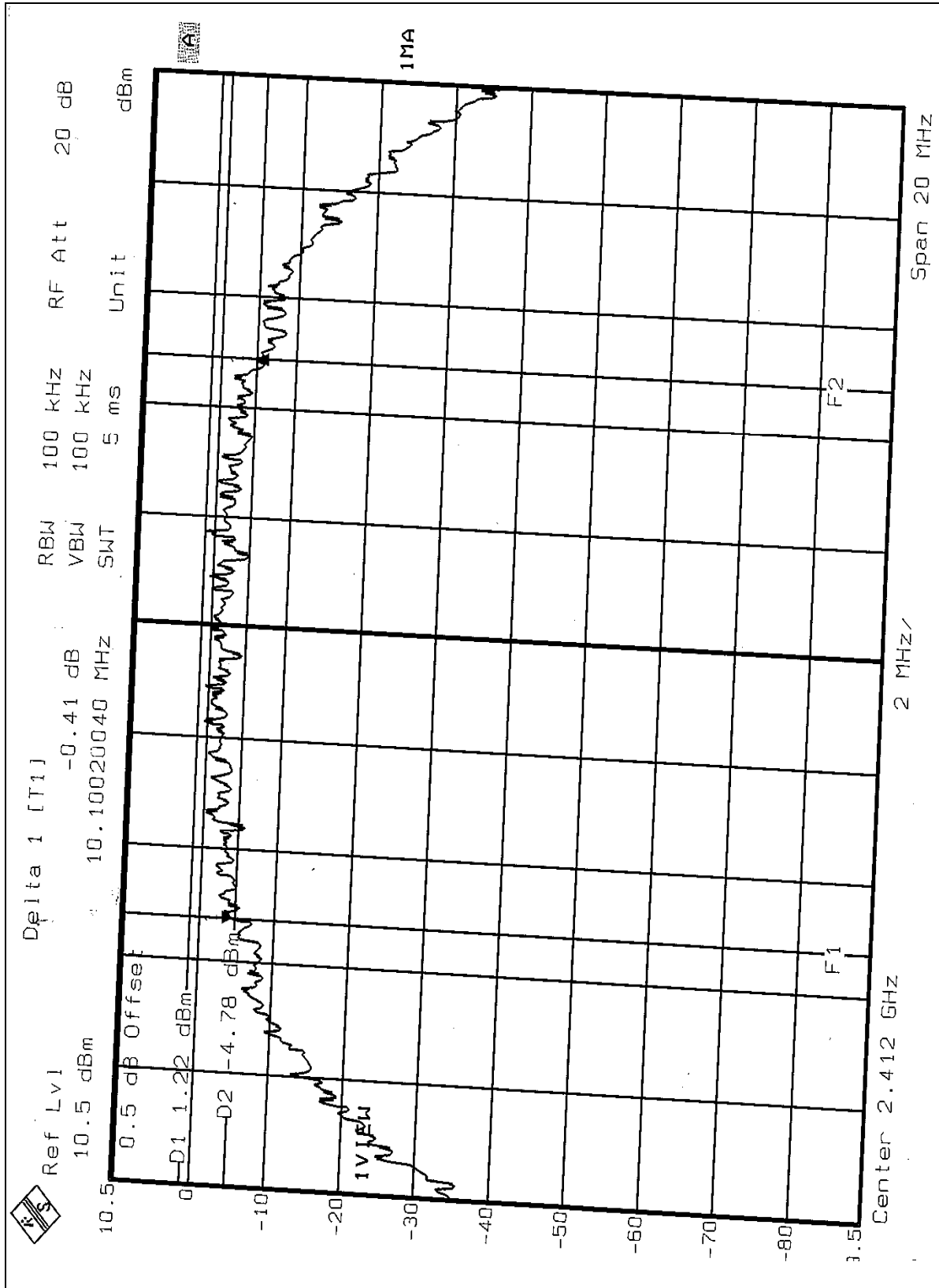
The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

5.3.7 TEST RESULTS

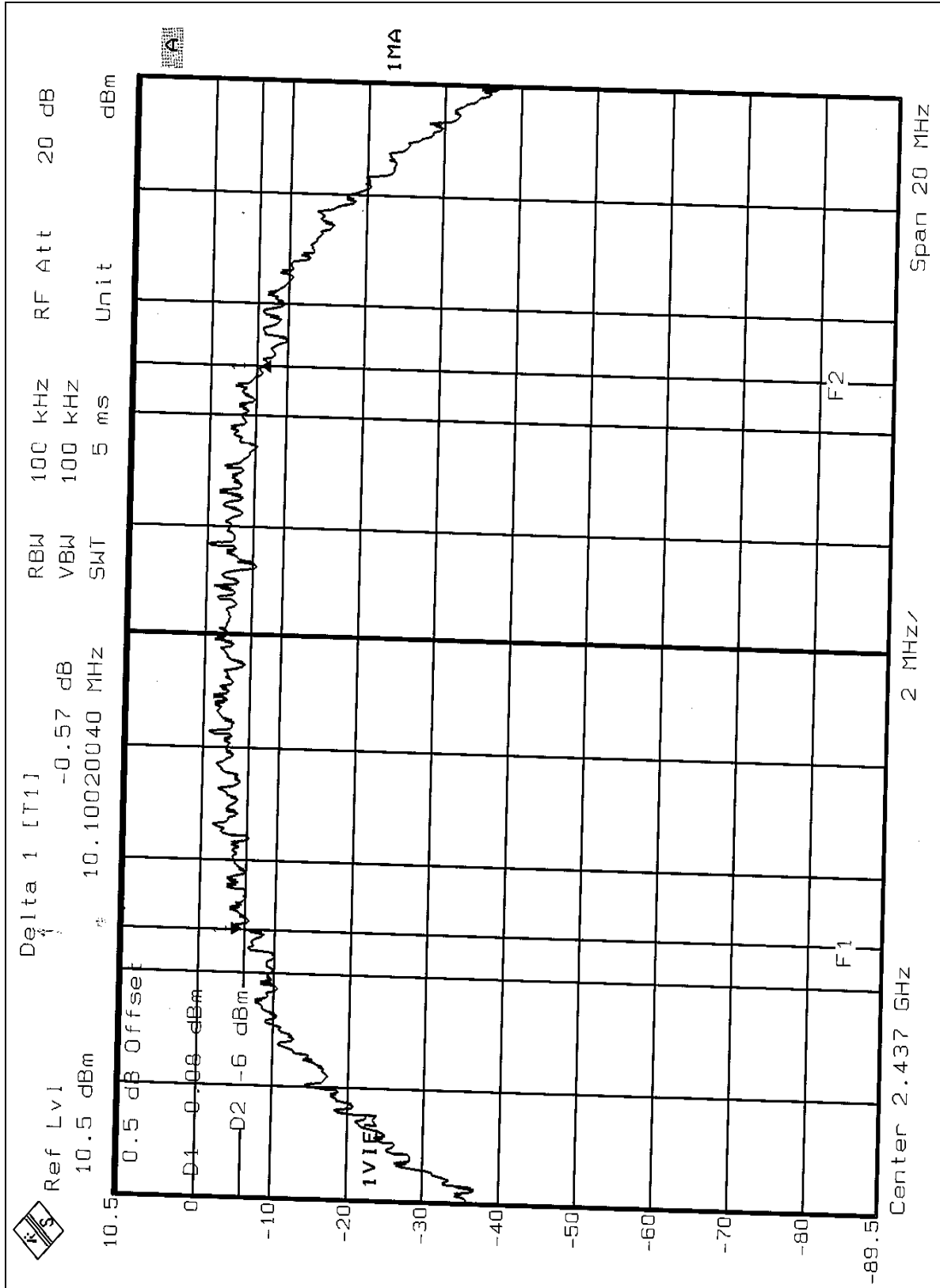
EUT	Hand-held Micro-computer	MODEL	7525S
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	24 deg. C, 65%RH, 991 hPa
TESTED BY: Leo Hung			

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	10.10	0.5	PASS
6	2437	10.10	0.5	PASS
11	2462	10.34	0.5	PASS

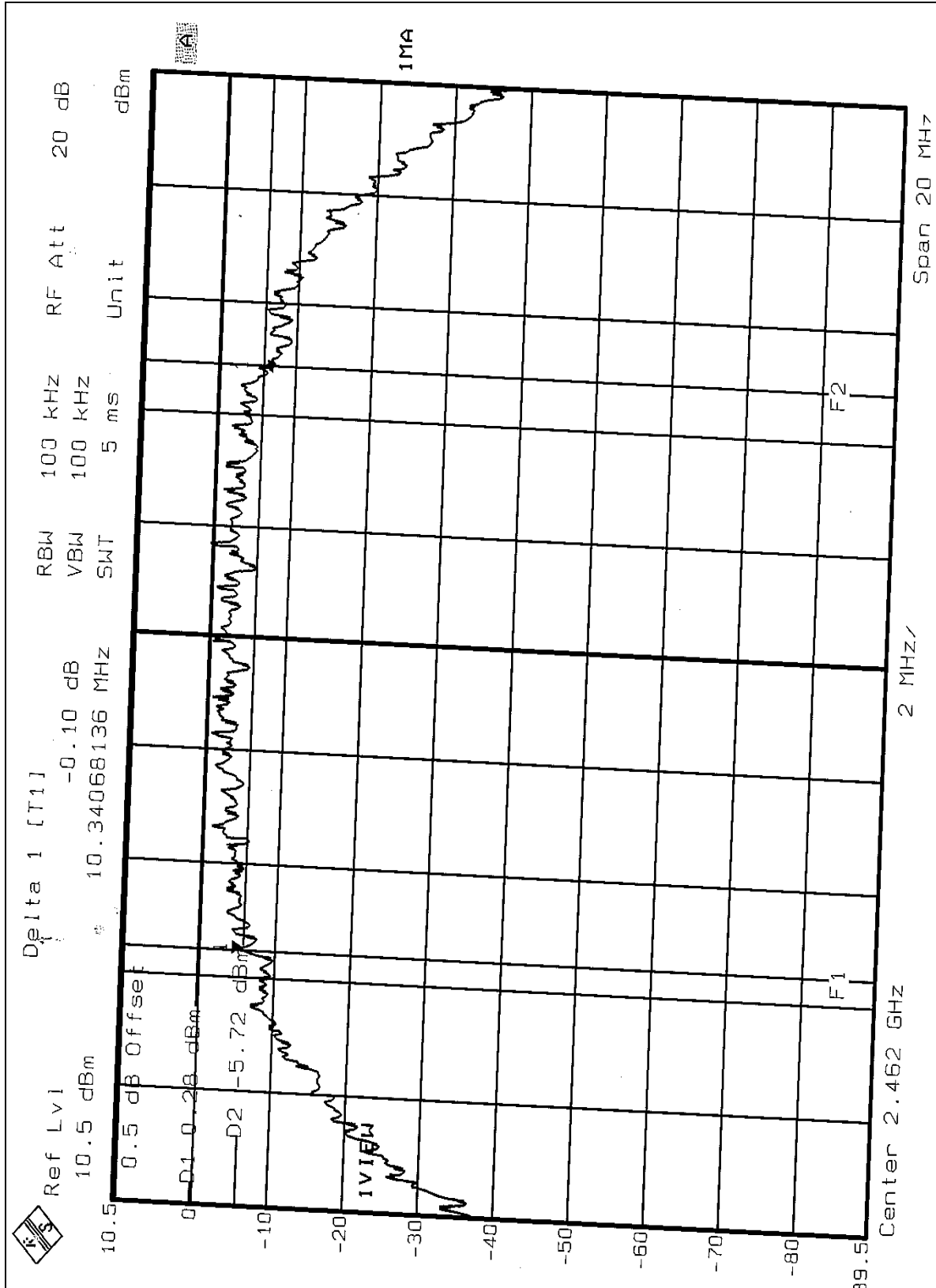
CH1



CH6



CH11



5.4 MAXIMUM PEAK OUTPUT POWER

5.4.1 LIMITS OF MAXIMUM PEAK OUTPUT POWER MEASUREMENT

The Maximum Peak Output Power Measurement is 30dBm.

5.4.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2005
AGILENT SIGNAL GENERATOR	E8257C	MY43320668	Dec. 31, 2004
TEKTRONIX OSCILLOSCOPE	TDS 220	C019167	Feb. 01, 2005
NARDA DETECTOR	4503A	FSCM99899	NA

NOTE:

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

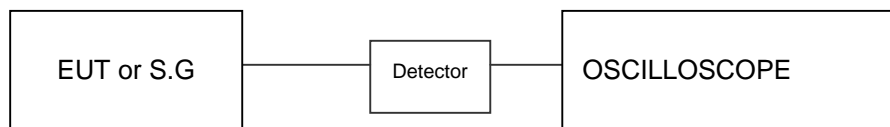
5.4.3 TEST PROCEDURES

1. A detector was used on the output port of the EUT. An oscilloscope was used to read the response of the detector.
2. Replaced the EUT by the signal generator . The center frequency of the S.G was adjusted to the center frequency of the measured channel.
3. Adjusted the power to have the same reading on oscilloscope. Record the power level.

5.4.4 DEVIATION FROM TEST STANDARD

No deviation

5.4.5 TEST SETUP



5.4.6 EUT OPERATING CONDITIONS

Same as Item 4.3.6

5.4.7 TEST RESULTS

EUT	Hand-held Micro-computer	MODEL	7525S
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	24 deg. C, 65%RH, 991 hPa
TESTED BY: Leo Hung			

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	19.953	13.00	30	PASS
6	2437	20.417	13.10	30	PASS
11	2462	19.953	13.00	30	PASS

5.5 POWER SPECTRAL DENSITY MEASUREMENT

5.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

5.5.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2004

NOTE:

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

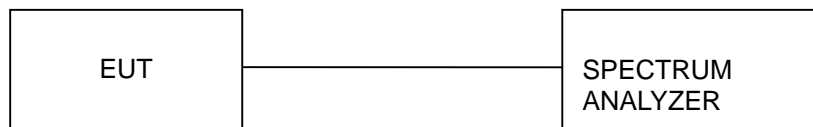
5.5.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator, the bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3 kHz RBW and 30 kHz VBW, set sweep time=span/3kHz. The power spectral density was measured and recorded. The sweep time is allowed to be longer than span/3KHz for a full response of the mixer in the spectrum analyzer.

5.5.4 DEVIATION FROM TEST STANDARD

No deviation

5.5.5 TEST SETUP



5.5.6 EUT OPERATING CONDITIONS

Same as 4.1.6

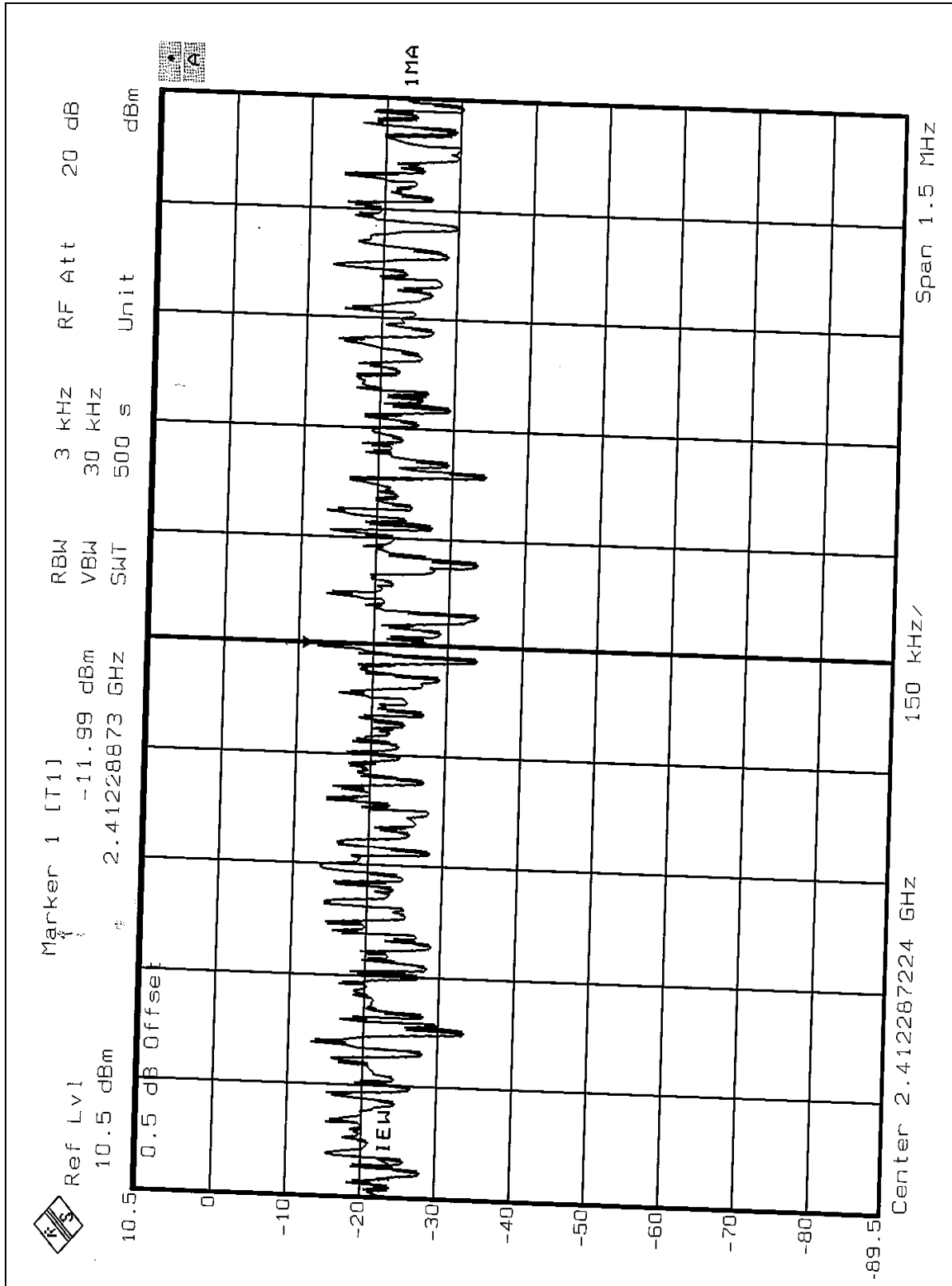
5.5.7 TEST RESULTS

EUT	Hand-held Micro-computer	MODEL	7525S
INPUT POWER (SYSTEM)	120Vac, 60 Hz	ENVIRONMENTAL CONDITIONS	24 deg. C, 65%RH, 991 hPa
TESTED BY: Leo Hung			

CHANNEL NUMBER	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 KHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-11.99	8	PASS
6	2437	-13.38	8	PASS
11	2462	-12.94	8	PASS

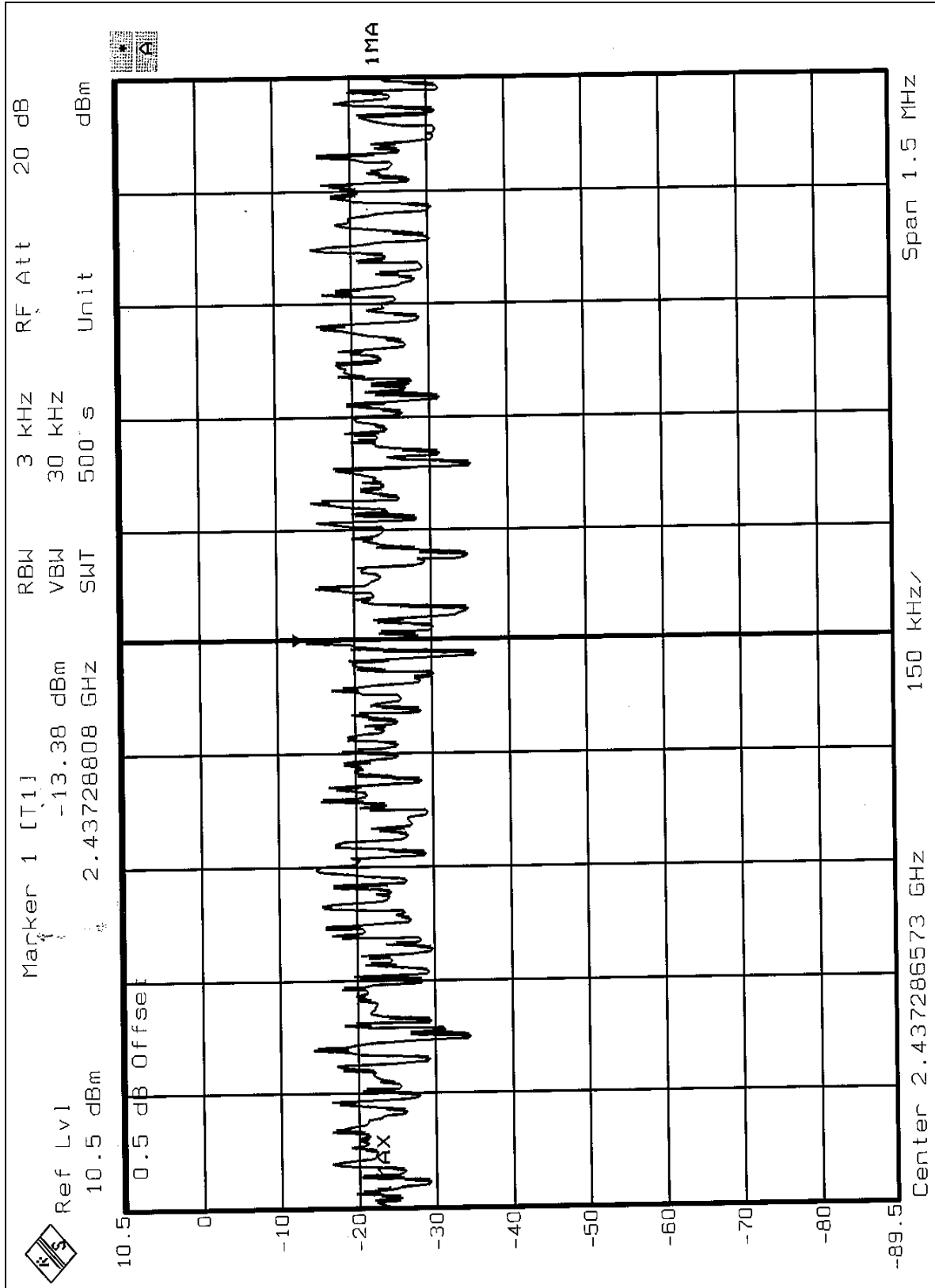


CH1



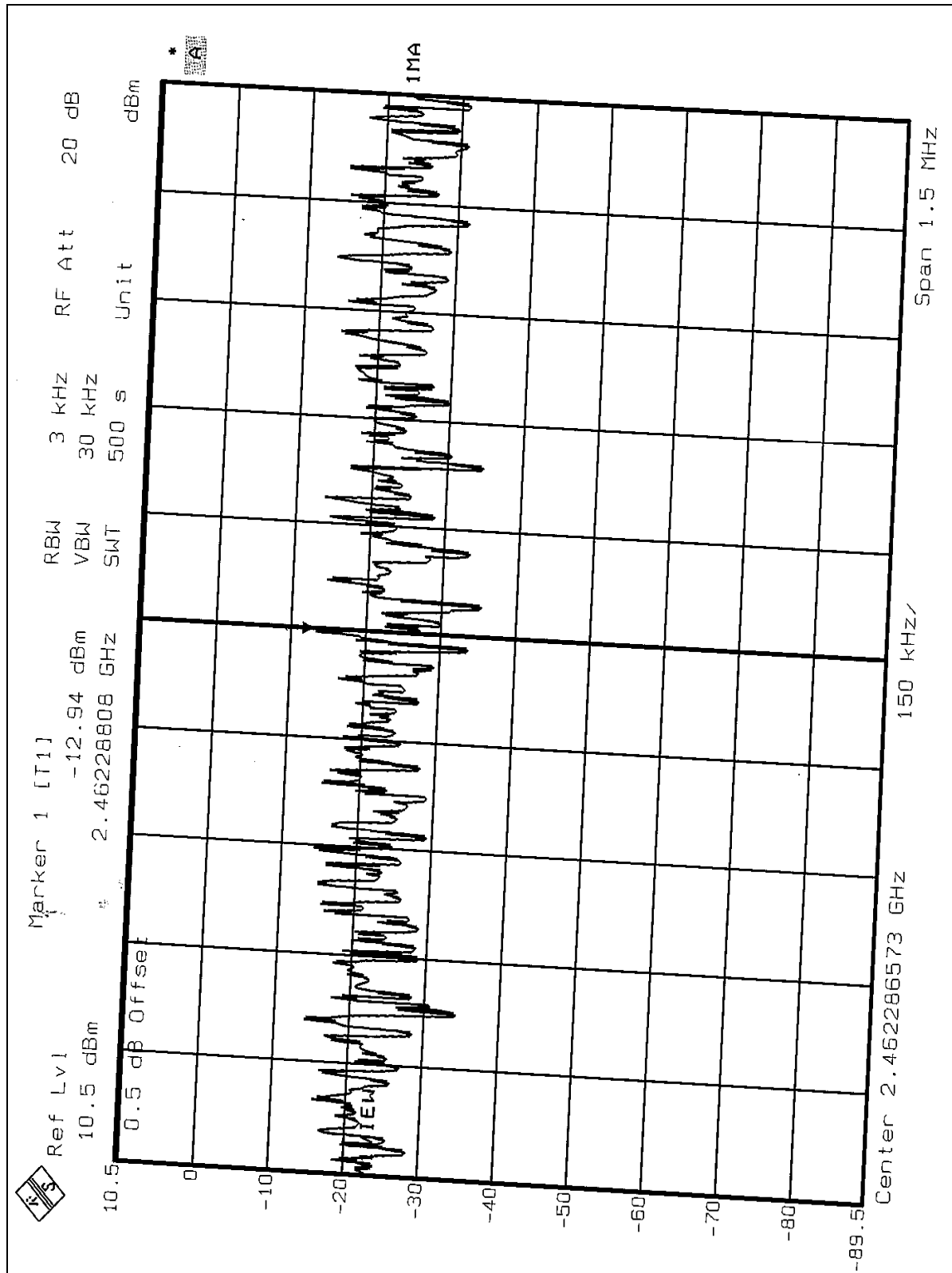


CH6





CH11





5.6 BAND EDGES MEASUREMENT

5.6.1 LIMITS OF BAND EDGES MEASUREMENT

Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

5.6.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
SPECTRUM ANALYZER	FSEK30	100049	Aug. 12, 2004

NOTE:

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

5.6.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low lose cable. Set both RBW and VBW of spectrum analyzer to 100kHz and 100kHz with suitable frequency span including 100MHz bandwidth from band edge. The band edges was measured and recorded.

5.6.4 DEVIATION FROM TEST STANDARD

No deviation

5.6.5 EUT OPERATING CONDITION

Same as Item 4.1.6

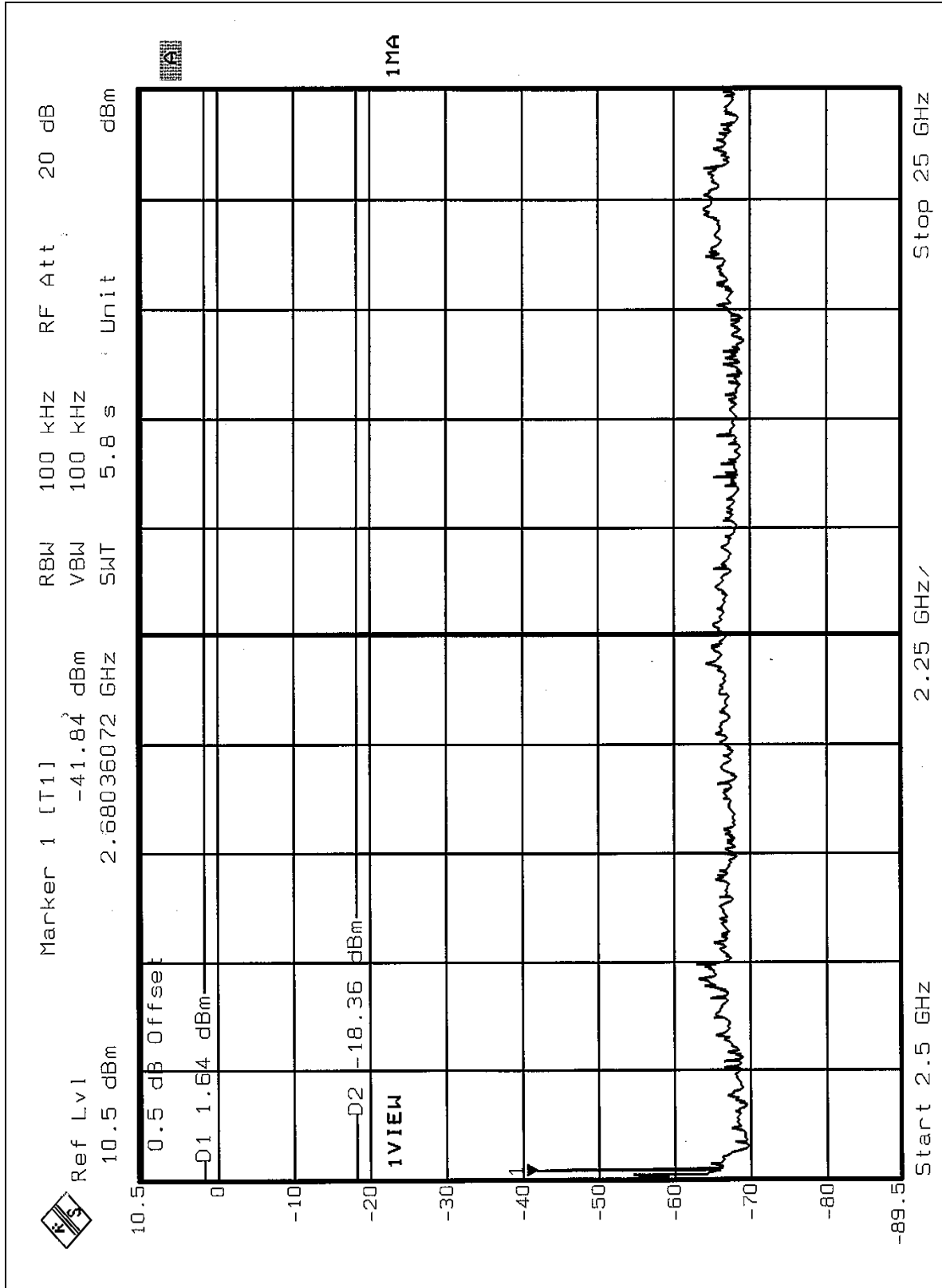
5.6.6 TEST RESULTS

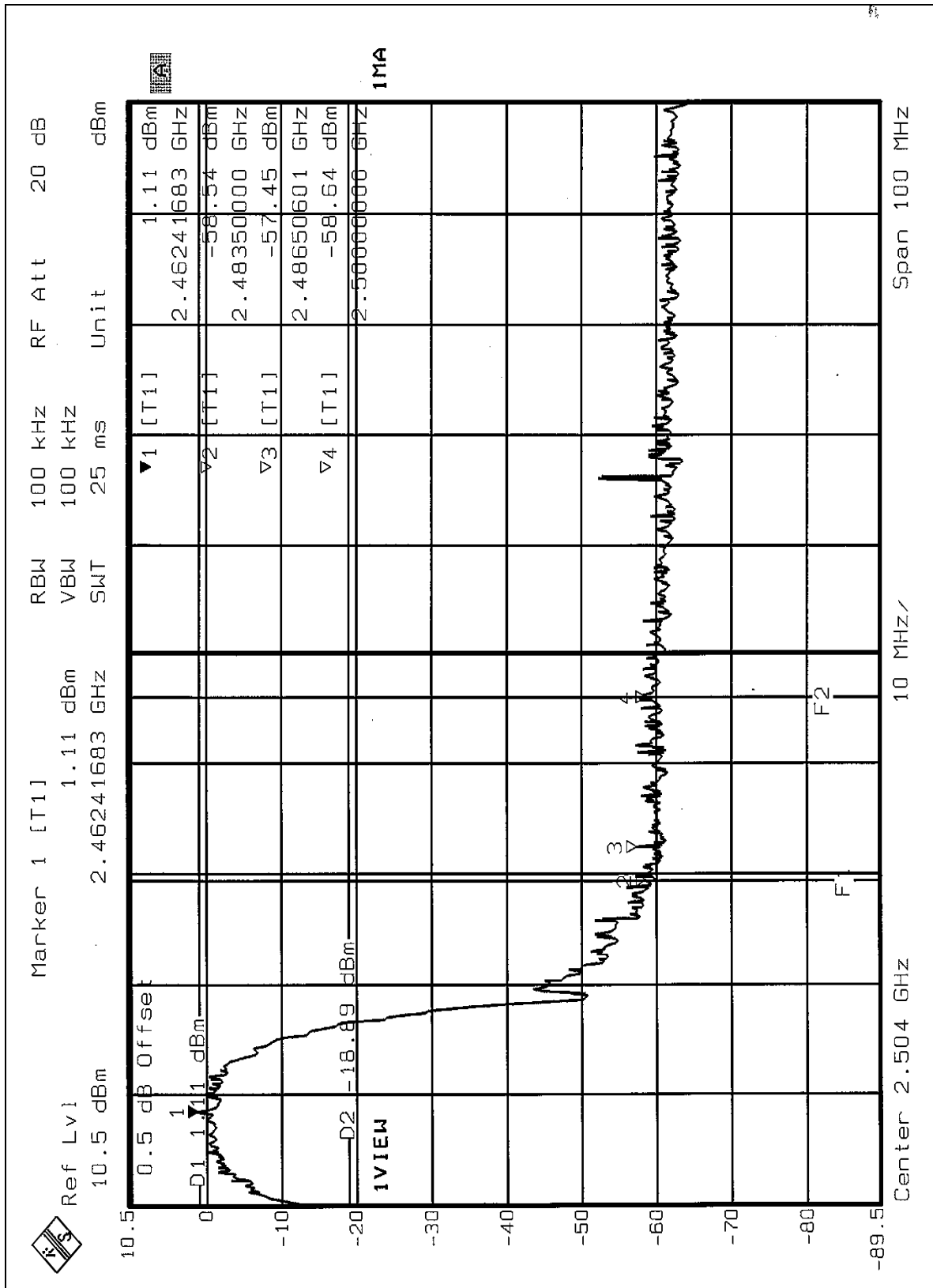
The spectrum plots are attached on the following 4 pages. D2 line indicates the highest level, D1 line indicates the 20dB offset below D2. It shows compliance with the requirement in part 15.247(C).

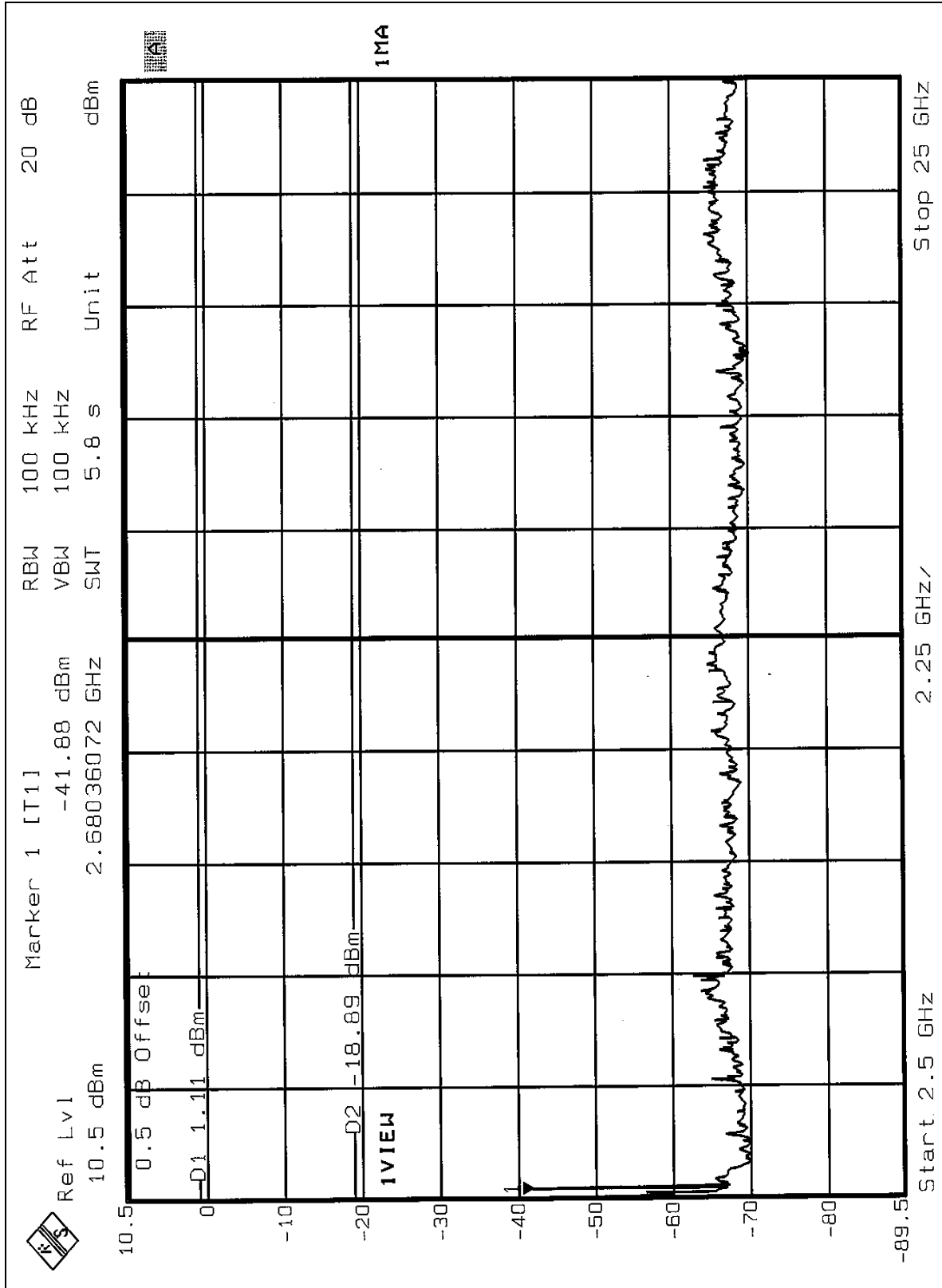
NOTE:

The band edge emission plot on the following 1 - 2 page shows 56.64dB delta between carrier maximum power and local maximum emission in restrict band (2.3900GHz). The emission of carrier strength list in the test result of channel 1 at the item 5.2.7 is 100.45BuV/m, so the maximum field strength in restrict band is $100.45-56.64=43.81$ dBuV/m which is under 54 dBuV/m limit.

The band edge emission plot on the following 3 - 4 page shows 58.56dB delta between carrier maximum power and local maximum emission in restrict band (2.4865GHz). The emission of carrier strength list in the test result of channel 11 at the item 5.2.7 is 101.39dBuV/m, so the maximum field strength in restrict band is $101.39-58.56=42.83$ dBuV/m which is under 54 dBuV/m limit.









5.7 ANTENNA REQUIREMENT

5.7.1 STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 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.

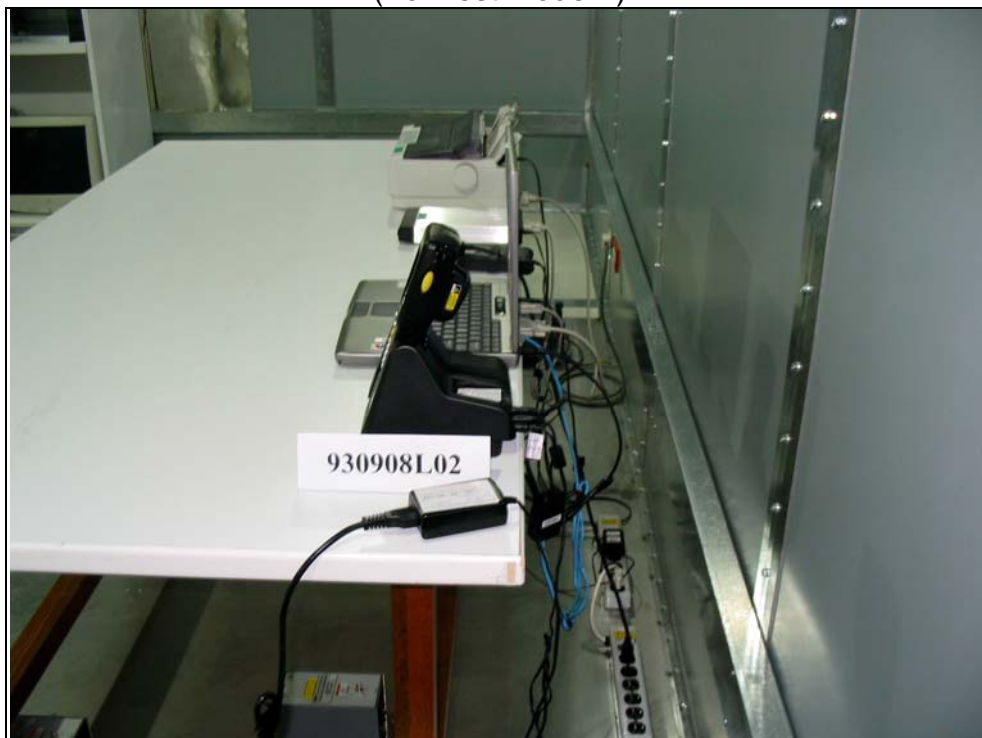
And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

5.7.2 ANTENNA CONNECTED CONSTRUCTION

The antenna used in this product is Chip antenna without antenna connector. And the maximum Gain of this antenna is 2.5dBi only.

6 PHOTOGRAPHS OF THE TEST CONFIGURATION

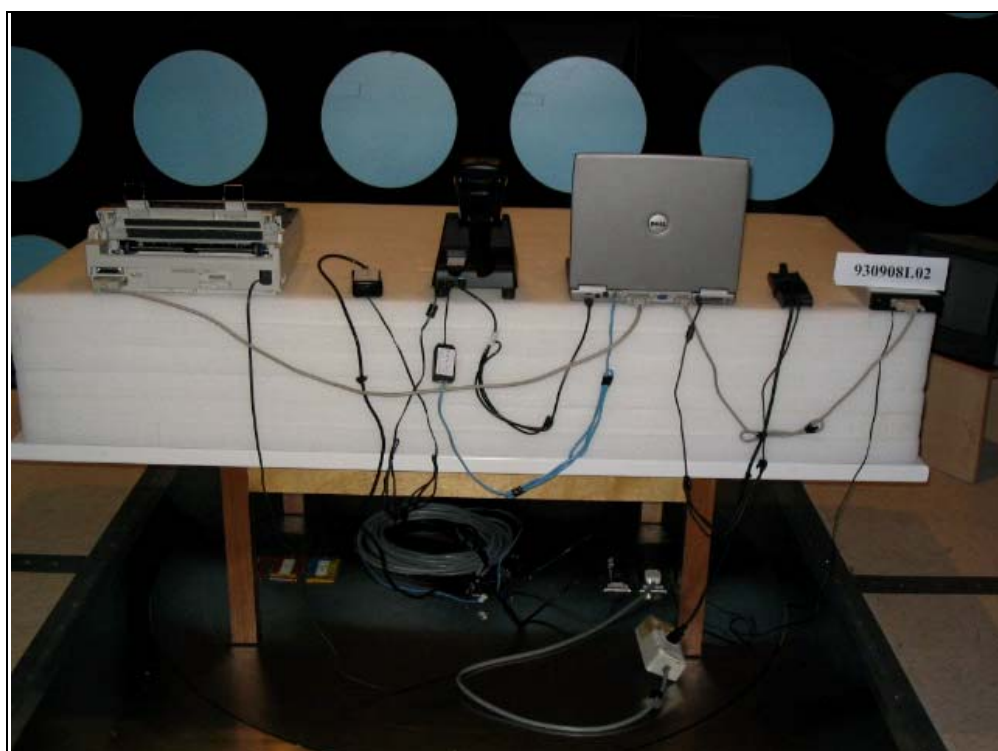
CONDUCTED EMISSION TEST
(For Test Mode A)



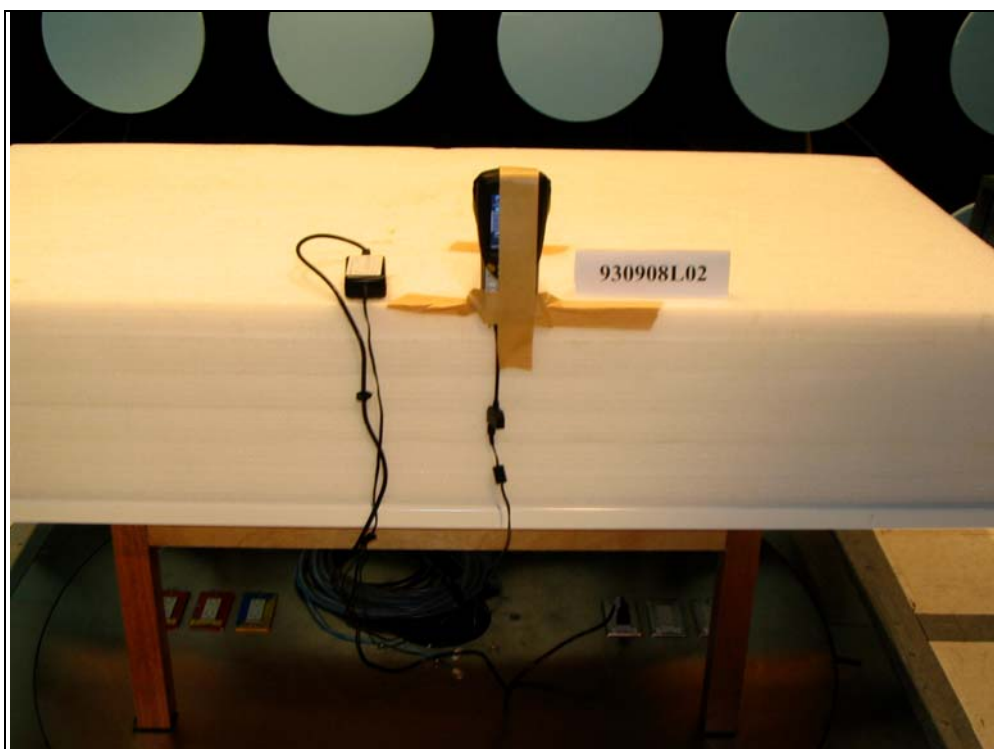
(For Test Mode B)



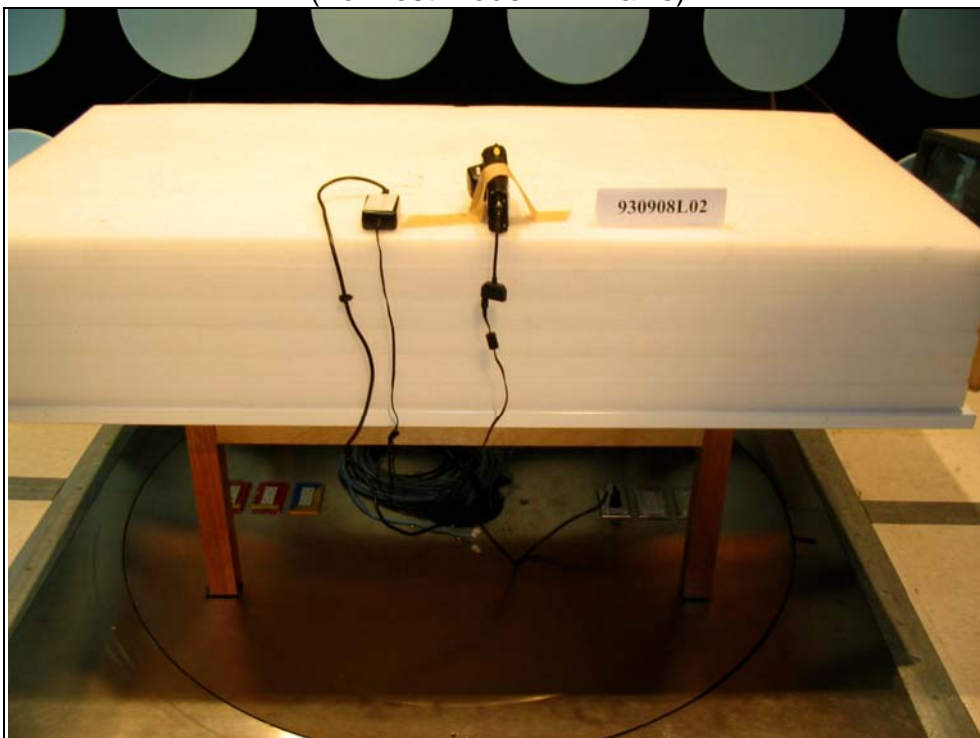
RADIATED EMISSION TEST (For Test Mode A)



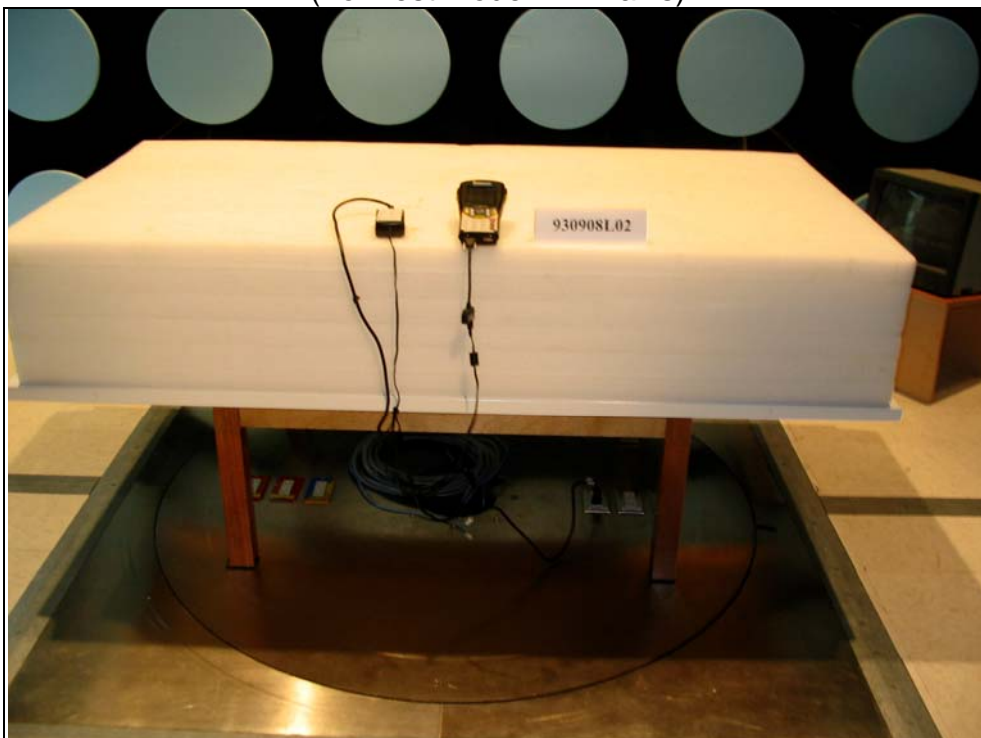
(For Test Mode B – X axis)



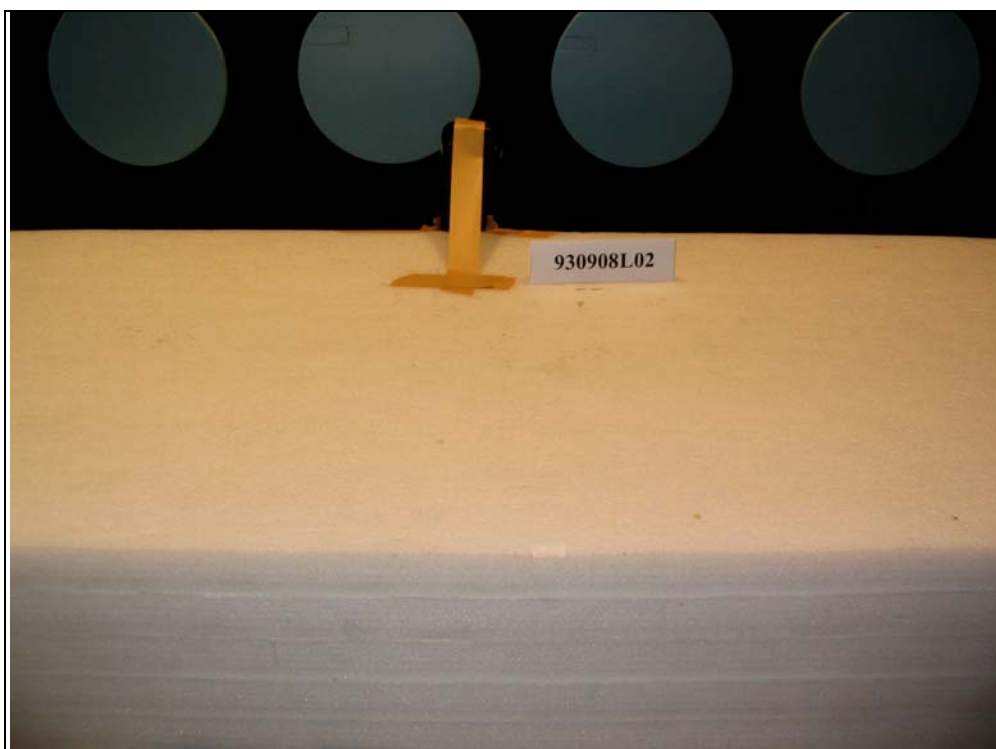
(For Test Mode B – Y axis)



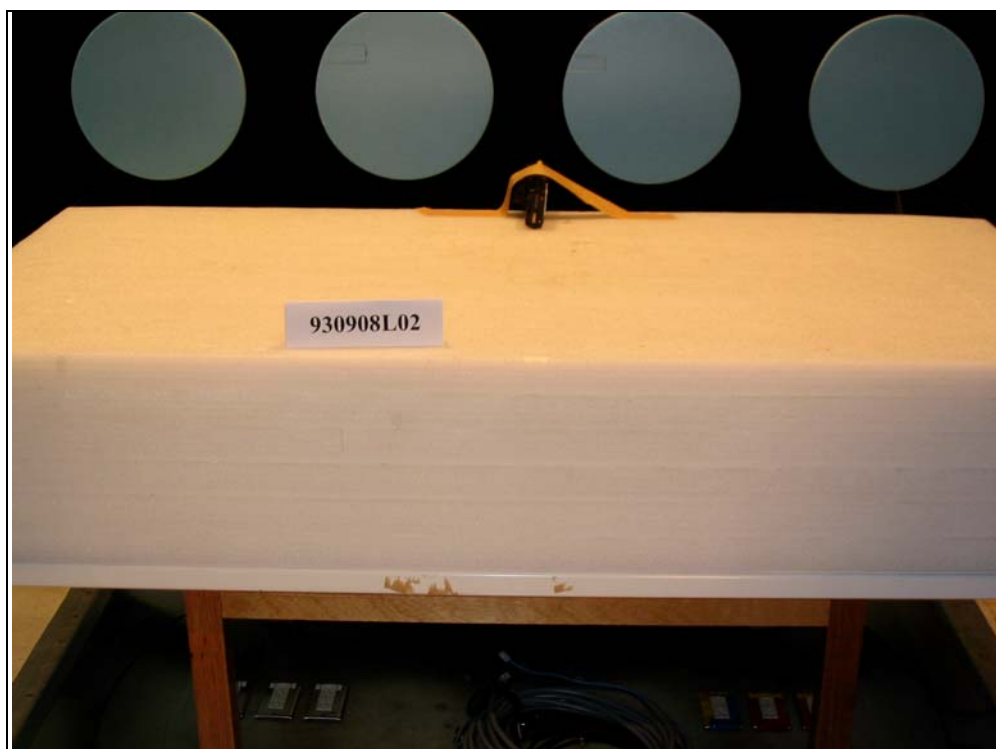
(For Test Mode B – Z axis)



(For Test Mode C – X axis)



(For Test Mode C – Y axis)



(For Test Mode C – Z axis)





7 INFORMATION ON THE TESTING LABORATORIES

We, ADT Corp., were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025, Guide 25 or EN 45001:

USA	FCC, NVLAP, UL, A2LA
Germany	TUV Rheinland
Japan	VCCI
Norway	NEMKO
Canada	INDUSTRY CANADA , CSA
R.O.C.	CNLA, BSMI, DGT
Netherlands	Telefication
Singapore	PSB , GOST-ASIA(MOU)
Russia	CERTIS(MOU)

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: www.adt.com.tw/index.5/phtml.

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab:

Tel: 886-2-26052180
Fax: 886-2-26052943

Hsin Chu EMC/RF Lab:

Tel: 886-3-5935343
Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety/Telecom Lab:

Tel: 886-3-3183232
Fax: 886-3-3185050

Linko RF Lab.

Tel: 886-3-3270910
Fax: 886-3-3270892

Email: service@mail.adt.com.tw

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.

Report Format Version 1.5