FCC CLASS B COMPLIANCE REPORT

for

Electromagnetic Emissions

of

Notebook PC

Trade Name	**:** FIC ; Sotec ; AKIA ; IMC ; WinBook
Model Number	**:** A440 ; e-note 370TD / e-note 370TR ; Tornado 8000 Series ; 350T / 350T TFT ; WinBook Si+
FCC ID	**:** EUNA440
Serial Number	**:** N/A
Report Number	**:** 000417-F
Date	**:** July 17, 2000

Prepared for

First International Computer, Inc.
6F., Formosa Plastics Rear Building 201-24, Tung Hwa N. Rd.,
Taipei, Taiwan, R.O.C.

Prepared by

C&C LABORATORY, CO., LTD.
#B1, 1st Fl., Universal Center,
No. 183, Sec. 1, Tatung Rd., Hsi Chih,
Taipei Hsien, Taiwan, R.O.C.
TEL: (02)8642-2071~3
FAX: (02)8642-2256

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VERIFICATION OF COMPLIANCE

Equipment Under Test:	Notebook PC
Trade Name:	FIC ; Sotec ; AKIA ; IMC ; WinBook
FCC ID:	EUNA440
Model Number:	A440 ; e-note 370TD / e-note 370TR ; Tornado 8000 Series ; 350T / 350T TFT ; WinBook Si+
Serial Number:	N/A
Applicant:	**First International Computer, Inc.** 6F., Formosa Plastics Rear Building 201-24, Tung Hwa N. Rd., Taipei, Taiwan, R.O.C.
Manufacturer:	**First International Computer, Inc.** 122, Nan-Lin Rd., Taishan Hsiang, 243, Taipei, Taiwan, R.O.C.
Type of Test:	FCC Class B
Measurement Procedure:	ANSI C63.4: 1992
File Number:	000417-F
Date of test:	June 27 ~ July 15, 2000
Deviation:	None
Condition of Test Sample:	Normal

The above equipment was tested by C&C Laboratory, Co., Ltd. for compliance with the requirements set forth in the FCC Rules and Regulations Part 15, Subpart B and the measurement procedure according to ANSI C63.4. This said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements.

The test results of this report relate only to the tested sample identified in this report.

Kurt Chen

Kurt Chen / Q.A Manager

SYSTEM DESCRIPTION

EUT Test Program:

1. The CD-ROM driver was exercised to play music.
2. Communication driver was load and executed to communicate with remote equipment.
3. EMI test program was loaded and executed in Windows mode.
4. Data was sent to the Panel of EUT and monitor filling the screens with upper case of "H" patterns.
5. Test program sequentially exercised all related I/O's of EUT and sent "H" patterns to all applicable output ports of EUT.
6. Repeat 2 to 4. Test program is self-repeating throughout the test.

PRODUCT INFORMATION

Housing Type:	Plastic		
EUT Power Rating:	DCV from Power Adapter		
AC power during Test:	120VAC/60Hz (to Power Adapter)		
AC Power Adapter Manufacturer:	1. DELTA (3Pin) ; 2. DELTA (2Pin) ; 3. LITEON		
AC Power Adapter Model Number:	1. ADP-65DB, 2. ADP-65DB Rev. B ; 3. PA-1600-01		
AC Power Adapter Rating:	Input: 100-240Vac, 1.5A, 50-60Hz Output; 19Vdc, 3.42A (for DELTA) 19Vdc, 3.16A (for LITEON)		
AC Power Cord Type:	Unshielded, 1.5m (Detachable) to power adapter		
DC Power Cable Type:	Unshielded, 1.2m (Non-Detachable) with a core		
OSC/Clock Frequencies:	33.3MHz ; 100MHz ; 133MHz		
CPU Manufacturer:	Intel	**Model:**	Celeron 700MHz FC-PGA370 Celeron 600MHz FC-PGA370 Pentium III 750MHz FC-PGA370 Pentium III 800/100MHz FC-PGA370 Pentium III 800/133MHz FC-PGA370
Memory Capacity:		**Installed:**	64MB, 128MB
12.1'' TFT LCD Panel Manufacturer:	Sanyo	**Model:**	TM121SV-02L03
13.3'' TFT LCD Panel Manufacturer:	ADT	**Model:**	L133X1-3
14.1'' TFT LCD Panel Manufacturer:	CPT	**Model:**	CLAA141XB01A703
14.1'' TFT LCD Panel Manufacturer:	Hyundai	**Model:**	HT14X13-101
HDD Manufacturer:	Fujitsu	**Model:**	MHK2060AT (6.0GB)
	Hitachi	**Model:**	DK23AA-60 (6.0GB)
	IBM	**Model:**	DARA-206000 (6.0GB)
	Hitachi	**Model:**	DK23BA-10 (10GB)
	Fujitsu	**Model:**	MHM2100AT (10GB)
	IBM	**Model:**	DJSA-210 (10GB)
	Fujitsu	**Model:**	MHK2120AT (12GB)
	Hitachi	**Model:**	DK23AA-12 (12GB)
	IBM	**Model:**	DARA-212000 (12GB)
	Fujitsu	**Model:**	MHJ2181AT (18GB)
	Hitachi	**Model:**	DK22AA-18 (18GB)
	IBM	**Model:**	DARA-218000 (18GB)
	Fujitsu	**Model:**	MHM2200AT (20GB)
	Hitachi	**Model:**	DK23BA-20 (20GB)

	IBM	**Model:**	DJSA-220 (20GB)
FDD Manufacturer:	NEC	**Model:**	FD1238T-220
	Mitsumi	**Model:**	D353F3Z
CD-ROM Manufacturer:	TEAC (24X)	**Model:**	CD-224EA-92
	MKE (24X)	**Model:**	CR176-BXX
	NEC	**Model:**	CDR-2800D
	Delta	**Model:**	OIP-SD2400A/B
DVD-ROM Manufacturer:	MKE (6X)	**Model:**	SR-8174-BXX
	Sanyo (8X)	**Model:**	DRD-U824
CD-RW Manufacturer:	KME	**Model:**	UJDA310
Modem Card Manufacturer:	Askey	**Model:**	1456VQL19U (INT)
LAN Card Manufacturer:	Ambit	**Model:**	T90L031.00
Battery (Ni-MH) Manufacturer:	Panasonic	**Type:**	4500Ma 3800Ma
Battery (Li-Ion) Manufacturer:	Panasonic	**Type:**	3200Ma

I/O PORT OF EUT:

I/O PORT TYPES	Q'TY	TESTED WITH
1) Parallel Port	1	1
2) Serial Port	1	1
3) Video Port	1	1
4) AT Keyboard	1	1
5) Microphone Port	1	1
6) Line-in Port	1	1
7) Line-out Port	1	1
8) TV-out Port	1	1
9) USB Port	2	2
10) LAN Port	1	1

Note: 1.The EUT Provides user with two optional cards and just one of these can be installed while EUT is working. It can be installed with a modem card or a LAN Card.
2. Different between M/N: e-note 370TD and e-note 370TR of Sotec is e-note 370TD provides DVD-ROM and e-note 370TR provides CD-RW to user.
3. All Model Number specifications are identical except item 2 description.

SUPPORT EQUIPMENT

	Equipment	Model #	Serial #	FCC ID	Trade Name	Data Cable	Power Cord
1.	Monitor	GDM-17SE2T	7145529	AK8GDM17SE2T	SONY	Shielded, 1.8m	Unshielded, 1.8m
2.	TV	21B4ST	62233362	N/A	Toshiba	S Terminal Cable Shielded, 1.5m	Unshielded 1.5m
3.	Modem	2400	94-364-176272	DK467GSM24	Computer Peripherals	Shielded, 1.8m	Unshielded, 1.5m
4.	Printer	21B4ST	62233362	N/A	Toshiba	Shielded, 1.8m	AC: Unshielded, 1.2m DC: Unshielded, 0.8m
5.	AT Keyboard	KB-5201	F93802377	E5XKB5121WTH0110	SYNNEX	Shielded, 1.5m	N/A
6.	USB Mouse	M-BB48	LZE93050160	FCC DoC	Logitech	Shielded, 1.8m	N/A
7.	USB Mouse	M-BB48	LZE93050164	FCC DoC	Logitech	Shielded, 1.8m	N/A
8.	Multimedia Headset	SX-M	A5-2	N/A	TOKYO	Unshielded, 1.8m	N/A
9	Walk Man	YX-328	W7	N/A	YING-KO	Unshielded, 1.8m	N/A
11	Notebook PC (Remote)	365	TZ30518	FCC DoC	Acer	Shielded, 10m	N/A

Note: All the above equipment/cables were placed in worse case positions to maximize emission signals during emission test.

Grounding: Grounding was in accordance with the manufacturer's requirements and conditions for the intended use.

MEASUREMENT PROCEDURE
(PRELIMINARY LINE CONDUCTED EMISSION TEST)

1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

2) Support equipment, if needed, was placed as per ANSI C63.4.

3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

4) The EUT received AC power through a Line Impedance Stabilization Network (LISN) which supplied power source of 120VAC/60Hz and was grounded to the ground plane.

5) All support equipment received power from a second LISN supplying power of 110VAC/60Hz, if any.

6) The EUT test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.

7) Analyzer / Receiver scanned from 150kHz to 30MHz for emissions in each of the test modes.

8) During the above scans, the emissions were maximized by cable manipulation.

9) The following test mode(s) were scanned during the preliminary test:

Mode(s):

	CPU's available	LCD Panel	SDRAM	HDD's available	FDD	CD-ROM/ DVD-ROM /CD-RW	Adapter	Battery	LAN/ Modem
1.	Celeron 700	14.1" TFT CPT	64MB	Hitachi 20GB	NEC	CD-ROM OIP-SD2400 A/B	LITEON PA-1600-01	Ni-MH 3800mA	Modem
2.	Celeron 600	12.1" TFT SANYO	64MB	Fujitsu 18GB	Mitsumi	CD-ROM CR176-BXX	DELTA ADP-65DB	Ni-MH 4500mA	Modem
3.	Pentium III 750	13.3" TFT ADT	128MB	IBM 20GB	Mitsumi	DVD-ROM DRD-U824	DELTA ADP-65DB	Ni-MH 4500mA	LAN
4.	Pentium III 800/133MHz	14.1" TFT Hyundai	128MB	Fujitsu 20GB	NEC	CD-RW	LITEON PA-1600-01	Li-Ion 3200mA	Modem

10) After the preliminary scan, we found the following test mode(s) producing the highest emission level.

Mode: 1. 2. 3. 4.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

MEASUREMENT PROCEDURE
(FINAL LINE CONDUCTED EMISSION TEST)

1) EUT and support equipment was set up on the test bench as per step 10 of the preliminary test.

2) A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Q.P. mode, then the emission signal was re-checked using an A.V. detector.

3) The test data of the worst case condition(s) was reported on the Summary Data page.

Data Sample:

Freq. MHz	Q.P. Raw dBuV	Average Raw dBuV	Q.P. Limit dBuV	Average Limit dBuV	Q.P. Margin dB	Average Margin dB	Note
x.xx	43.95	---	56	46	-12.05	---	L1

Freq. = Emission frequency in MHz
Raw dBuV = Uncorrected Analyzer/Receiver reading
Limit dBuV = Limit stated in standard
Margin dB = Reading in reference to limit
Note = Current carrying line of reading
"---" = The emission level complied with the Average limit,

LINE CONDUCTED EMISSION LIMIT

Frequency	Maximum RF Line Voltage	
	Q.P.	AVERAGE
150kHz-500kHz	66-56dBuV	56-46dBuV
500kHz-5MHz	56dBuV	46dBuV
5MHz-30MHz	60dBuV	50dBuV

Note: The lower limit shall apply at the transition frequency.

MEASUREMENT PROCEDURE
(PRELIMINARY RADIATED EMISSION TEST)

1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden turntable with a height of 0.8 meters is used which is placed on the ground plane as per ANSI C63.4 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

2) Support equipment, if needed, was placed as per ANSI C63.4.

3) All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

4) The EUT received 120VAC/60Hz power source from the outlet socket under the turntable. All support equipment received 110VAC/60Hz power from another socket under the turntable, if any.

5) The antenna was placed at 10 meter away from the EUT as stated in ANSI C63.4. The antenna connected to the Analyzer via a cable and at times a pre-amplifier would be used.

6) The Analyzer / Receiver quickly scanned from 30MHz to 5000MHz. The EUT test program was started. Emissions were scanned and measured rotating the EUT to 360 degrees and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.

7) The following test mode(s) were scanned during the preliminary test:

Mode(s):

	CPU's available	LCD Panel	SDRAM	HDD's available	FDD	CD-ROM/ DVD-ROM /CD-RW	Adapter	Battery	LAN/ Modem
1.	Celeron 700	14.1" TFT CPT	64MB	Hitachi 20GB	NEC	CD-ROM OIP-SD2400 A/B	LITEON PA-1600-01	Ni-MH 3800mA	Modem
2.	Celeron 600	12.1" TFT SANYO	64MB	Fujitsu 18GB	Mitsumi	CD-ROM CR176-BXX	DELTA ADP-65DB	Ni-MH 4500mA	Modem
3.	Pentium III 750	13.3" TFT ADT	128MB	IBM 20GB	Mitsumi	DVD-ROM DRD-U824	DELTA ADP-65DB	Ni-MH 4500mA	LAN
4.	Pentium III 800/133MHz	14.1" TFT Hyundai	128MB	Fujitsu 20GB	NEC	CD-RW	LITEON PA-1600-01	Li-Ion 3200mA	Modem

8) After the preliminary scan, we found the following test mode(s) producing the highest emission level.

Mode: 1. 2. 3. 4.

Then, the EUT and cable configuration, antenna position, polarization and turntable position of the above highest emission level were recorded for reference of final testing.

MEASUREMENT PROCEDURE
(FINAL RADIATED EMISSION TEST)

1) EUT and support equipment were set up on the turntable as per step 8 of the preliminary test.

2) The Analyzer / Receiver scanned from 30MHz to 5000MHz. Emissions were scanned and measured rotating the EUT to 360 degrees, varying cable placement and positioning the antenna 1 to 4 meters above the ground plane, in both the vertical and the horizontal polarization, to maximize the emission reading level.
3) Recorded at least the six highest emissions. Emission frequency, amplitude, antenna position, polarization and turntable position were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit, and only Q.P. reading will record in this report.

4) The test data of the worst case condition(s) was reported on the Summary Data page.

Data Sample:

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
xx.xx	14.0	11.2	26.2	30	-3.8

Freq.	= Emission frequency in MHz
Raw Data (dBuV/m)	= Uncorrected Analyzer / Receiver reading
Corr. Factor (dB)	= Correction factors of antenna factor and cable loss
Emiss. Level	= Raw reading converted to dBuV and CF added
Limit dBuV/m	= Limit stated in standard
Margin dB	= Reading in reference to limit

RADIATED EMISSION LIMIT

Frequency (MHz)	Distance (m)	Maximum Field Strength Limit (dBu V/m)		
		Q.P.	AVERAGE	PEAK
30-230	10	30	/	/
230-1000	10	37	/	/
Above 1000	3	/	53.9	73.9

****Note:** "/ "means the limit line isn't applicable.

SUMMARY DATA

(LINE CONDUCTED TEST)

Model Number: A440 **Location:** Site # 4

Tested by: Tony Tsai

Test Mode: Mode 1

Test Results: Passed

Temperature: 28^0C **Humidity:** 65%RH

(The chart below shows the highest readings taken from the final data)

FREQ MHz	Q.P. Raw dBuV	AVG Raw dBuV	Q.P. Limit dBuV	AVG Limit dBuV	Q.P. Margin dB	AVG Margin dB	NOTE
3.840	33.2	---	56.0	46.0	-22.8	---	L1
4.310	35.6	---	56.0	46.0	-20.4	---	L1
8.350	35.9	---	60.0	50.0	-24.1	---	L1
9.900	37.8	---	60.0	50.0	-22.2	---	L1
11.380	38.6	---	60.0	50.0	-21.4	---	L1
11.650	37.7	---	60.0	50.0	-22.3	---	L1
3.770	34.4	---	56.0	46.0	-21.6	---	L2
4.240	38.7	---	56.0	46.0	-17.3	---	L2
7.000	38.6	---	60.0	50.0	-21.4	---	L2
9.760	38.2	---	60.0	50.0	-21.8	---	L2
11.240	40.3	---	60.0	50.0	-19.7	---	L2
11.710	39.2	---	60.0	50.0	-20.8	---	L2

L1 = Line One (Hot side) / L2 = Line Two (Neutral side)

****NOTE: "---" denotes the emission level was or more than 2dB below the Average limit, so no re-check anymore.**

SUMMARY DATA

(LINE CONDUCTED TEST)

Model Number: A440 **Location:** Site # 4

Tested by: Tony Tsai

Test Mode: Mode 2

Test Results: Passed

Temperature: 28^0C **Humidity:** 65%RH

(The chart below shows the highest readings taken from the final data)

FREQ MHz	Q.P. Raw dBuV	AVG Raw dBuV	Q.P. Limit dBuV	AVG Limit dBuV	Q.P. Margin dB	AVG Margin dB	NOTE
3.840	35.2	---	56.0	46.0	-20.8	---	L1
4.110	36.3	---	56.0	46.0	-19.7	---	L1
5.660	36.9	---	60.0	50.0	-23.1	---	L1
9.970	38.2	---	60.0	50.0	-21.8	---	L1
11.250	40.1	---	60.0	50.0	-19.9	---	L1
11.590	39.2	---	60.0	50.0	-20.8	---	L1
3.840	34.5	---	56.0	46.0	-20.4	---	L2
4.040	35.6	---	56.0	46.0	-20.4	---	L2
8.420	36.9	---	60.0	50.0	-23.1	---	L2
9.900	38.7	---	60.0	50.0	-21.3	---	L2
11.110	40.3	---	60.0	50.0	-19.7	---	L2
11.580	39.3	---	60.0	50.0	-20.7	---	L2

L1 = Line One (Hot side) / L2 = Line Two (Neutral side)

****NOTE: "---" denotes the emission level was or more than 2dB below the Average limit, so no re-check anymore.**

SUMMARY DATA

(LINE CONDUCTED TEST)

Model Number: A440 **Location:** Site # 4

Tested by: Tony Tsai

Test Mode: Mode 3

Test Results: Passed

Temperature: 28^0C **Humidity:** 65%RH

(The chart below shows the highest readings taken from the final data)

FREQ MHz	Q.P. Raw dBuV	AVG Raw dBuV	Q.P. Limit dBuV	AVG Limit dBuV	Q.P. Margin dB	AVG Margin dB	NOTE
3.700	36.2	---	56.0	46.0	-19.8	---	L1
4.170	38.7	---	56.0	46.0	-17.3	---	L1
7.130	39.8	---	60.0	50.0	-20.2	---	L1
10.020	41.5	---	60.0	50.0	-18.5	---	L1
11.230	41.9	---	60.0	50.0	-18.1	---	L1
11.700	39.8	---	60.0	50.0	-20.2	---	L1
3.830	37.6	---	56.0	46.0	-18.4	---	L2
4.170	38.4	---	56.0	46.0	-17.6	---	L2
5.780	39.2	---	60.0	50.0	-20.8	---	L2
9.950	41.1	---	60.0	50.0	-18.9	---	L2
11.360	42.7	---	60.0	50.0	-17.3	---	L2
11.630	41.5	---	60.0	50.0	-18.5	---	L2

L1 = Line One (Hot side) / L2 = Line Two (Neutral side)

****NOTE: "---" denotes the emission level was or more than 2dB below the Average limit, so no re-check anymore.**

SUMMARY DATA

(LINE CONDUCTED TEST)

Model Number: A440 **Location:** Site # 4

Tested by: Tony Tsai

Test Mode: Mode 4

Test Results: Passed

Temperature: 28^0C **Humidity:** 65%RH

(The chart below shows the highest readings taken from the final data)

FREQ MHz	Q.P. Raw dBuV	AVG Raw dBuV	Q.P. Limit dBuV	AVG Limit dBuV	Q.P. Margin dB	AVG Margin dB	NOTE
0.184	47.3	---	64.2	54.2	-16.9	---	L1
2.240	39.8	---	56.0	46.0	-16.2	---	L1
2.720	41.6	---	56.0	46.0	-14.4	---	L1
3.990	37.9	---	56.0	46.0	-18.1	---	L1
6.280	38.2	---	60.0	50.0	-21.8	---	L1
26.840	33.5	---	60.0	50.0	-26.5	---	L1
0.184	47.0	---	64.2	54.2	-17.2	---	L2
2.340	37.9	---	56.0	46.0	-18.1	---	L2
3.170	40.1	---	56.0	46.0	-15.9	---	L2
3.950	38.8	---	56.0	46.0	-17.2	---	L2
6.290	33.3	---	60.0	50.0	-26.7	---	L2
25.320	31.6	---	60.0	50.0	-28.4	---	L2

L1 = Line One (Hot side) / L2 = Line Two (Neutral side)

****NOTE: "---" denotes the emission level was or more than 2dB below the Average limit, so no re-check anymore.**

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Vertical -- 10m

Test Mode: Mode 1

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 30°C **Humidity:** 68%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
45.80	12.7	12.3	25.0	30.0	-5.0
56.74	17.0	7.3	24.3	30.0	-5.7
58.90	17.3	6.9	24.2	30.0	-5.8
111.26	12.2	13.4	25.6	30.0	-4.4
143.99	12.6	14.0	26.6	30.0	-3.4
150.52	12.7	13.5	26.2	30.0	-3.8
163.64	11.9	12.7	24.6	30.0	-5.4
168.21	8.1	12.8	20.9	30.0	-9.1
177.21	12.0	12.8	24.8	30.0	-5.2
179.07	9.9	12.8	22.7	30.0	-7.3

181.50	11.7	12.7	24.4	30.0	-5.6
183.50	12.3	12.6	24.9	30.0	-5.1
184.57	8.9	12.5	21.4	30.0	-8.6
194.29	11.5	11.9	23.4	30.0	-6.6
195.21	12.2	11.9	24.1	30.0	-5.9
198.57	13.2	11.7	24.9	30.0	-5.1
198.71	14.7	11.7	26.4	30.0	-3.6
203.00	10.4	11.8	22.2	30.0	-7.8
210.10	10.2	12.4	22.6	30.0	-7.4
213.30	10.4	12.6	23.0	30.0	-7.0
215.98	14.8	12.8	27.6	30.0	-2.4
229.90	11.2	14.2	25.4	30.0	-4.6
233.70	13.0	14.7	27.7	37.0	-9.3
242.70	12.8	15.9	28.7	37.0	-8.3
246.30	15.6	16.4	32.0	37.0	-5.0
249.10	11.7	16.8	28.5	37.0	-8.5
262.10	9.2	17.1	26.3	37.0	-10.7
279.40	10.4	17.6	28.0	37.0	-9.0

305.40	6.8	18.8	25.6	37.0	-11.4
325.70	13.8	19.2	33.0	37.0	-4.0
328.60	10.4	19.3	29.7	37.0	-7.3
341.40	10.6	19.6	30.2	37.0	-6.8
361.40	13.8	20.0	33.8	37.0	-3.2
382.30	7.5	20.5	28.0	37.0	-9.0
393.40	12.5	20.7	33.2	37.0	-3.8
400.60	6.5	20.8	27.3	37.0	-9.7
458.12	9.2	22.4	31.6	37.0	-5.4
491.40	8.4	23.0	31.4	37.0	-5.6
501.70	4.9	23.2	28.1	37.0	-8.9
526.60	6.8	24.1	30.9	37.0	-6.1
557.70	6.1	25.0	31.1	37.0	-5.9
694.60	6.3	26.3	32.6	37.0	-4.4
754.90	5.5	26.0	31.5	37.0	-5.5
796.40	5.2	27.3	32.5	37.0	-4.5
836.30	5.4	27.6	33.0	37.0	-4.0
894.63	4.8	27.5	32.3	37.0	-4.7

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Horizontal -- 10m

Test Mode: Mode 1

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 30°C **Humidity:** 68%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
78.52	14.7	8.8	23.5	30.0	-6.5
122.99	10.8	14.5	25.3	30.0	-4.7
139.31	11.9	14.3	26.2	30.0	-3.8
143.99	12.9	14.0	26.9	30.0	-3.1
150.52	12.6	13.5	26.1	30.0	-3.9
157.14	9.4	13.0	22.4	30.0	-7.6
159.50	8.3	12.8	21.1	30.0	-8.9
160.07	13.6	12.7	26.3	30.0	-3.7
176.93	8.8	12.8	21.6	30.0	-8.4
183.50	10.4	12.6	23.0	30.0	-7.0
192.14	10.9	12.1	23.0	30.0	-7.0

193.36	9.8	12.0	21.8	30.0	-8.2
196.57	10.9	11.8	22.7	30.0	-7.3
198.64	11.1	11.7	22.8	30.0	-7.2
200.70	15.3	11.7	27.0	30.0	-3.0
209.44	12.1	12.3	24.4	30.0	-5.6
215.97	13.9	12.8	26.7	30.0	-3.3
229.06	11.3	14.1	25.4	30.0	-4.6
238.30	12.6	15.3	27.9	37.0	-9.1
240.30	16.5	15.6	32.1	37.0	-4.9
246.10	15.3	16.4	31.7	37.0	-5.3
249.00	10.4	16.8	27.2	37.0	-9.8
260.60	11.1	17.1	28.2	37.0	-8.8
262.30	13.3	17.1	30.4	37.0	-6.6
275.30	9.3	17.4	26.7	37.0	-10.3
301.10	6.2	18.7	24.9	37.0	-12.1
313.40	8.8	19.0	27.8	37.0	-9.2
337.10	7.2	19.5	26.7	37.0	-10.3
360.90	7.0	20.0	27.0	37.0	-10.0

398.90	8.4	20.8	29.2	37.0	-7.8
408.30	7.7	21.0	28.7	37.0	-8.3
420.60	7.4	21.4	28.8	37.0	-8.2
431.10	9.2	21.7	30.9	37.0	-6.1
458.14	10.7	22.4	33.1	37.0	-3.9
490.90	5.1	23.0	28.1	37.0	-8.9
498.00	9.5	23.1	32.6	37.0	-4.4
524.90	9.3	24.1	33.4	37.0	-3.6
899.44	5.3	27.5	32.8	37.0	-4.2

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Vertical -- 10m

Test Mode: Mode 2

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 28°C **Humidity:** 69%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
49.12	15.0	9.6	24.6	30.0	-5.4
139.24	10.5	14.3	24.8	30.0	-5.2
157.43	9.3	12.9	22.2	30.0	-7.8
160.07	13.9	12.7	26.6	30.0	-3.4
171.85	11.1	12.8	23.9	30.0	-6.1
177.64	11.0	12.8	23.8	30.0	-6.2
191.21	11.3	12.1	23.4	30.0	-6.6
194.21	10.7	11.9	22.6	30.0	-7.4
195.29	13.8	11.9	25.7	30.0	-4.3
199.79	15.3	11.6	26.9	30.0	-3.1

203.00	8.8	11.8	20.6	30.0	-9.4
213.30	13.2	12.6	25.8	30.0	-4.2
228.30	10.4	14.0	24.4	30.0	-5.6
233.70	12.1	14.7	26.8	37.0	-10.2
238.30	13.9	15.3	29.2	37.0	-7.8
246.10	11.5	16.4	27.9	37.0	-9.1
251.70	15.9	16.9	32.8	37.0	-4.2
260.30	8.0	17.1	25.1	37.0	-11.9
304.90	10.4	18.8	29.2	37.0	-7.8
312.90	10.2	18.9	29.1	37.0	-7.9
320.60	10.2	19.1	29.3	37.0	-7.7
359.40	6.7	20.0	26.7	37.0	-10.3
400.00	11.2	20.8	32.0	37.0	-5.0
408.30	9.3	21.0	30.3	37.0	-6.7
470.60	10.0	22.6	32.6	37.0	-4.4
482.00	7.9	22.8	30.7	37.0	-6.3
500.60	10.7	23.2	33.9	37.0	-3.1
531.70	7.0	24.3	31.3	37.0	-5.7

560.60	5.5	25.1	30.6	37.0	-6.4
594.00	5.1	25.3	30.4	37.0	-6.6
614.90	6.2	25.5	31.7	37.0	-5.3
691.40	5.3	26.3	31.6	37.0	-5.4
754.90	5.7	26.0	31.7	37.0	-5.3
799.40	5.7	27.4	33.1	37.0	-3.9
842.30	5.0	27.6	32.6	37.0	-4.4
998.54	.8	30.4	31.2	37.0	-5.8

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Horizontal -- 10m

Test Mode: Mode 2

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 28°C **Humidity:** 69%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
122.98	9.0	14.5	23.5	30.0	-6.5
127.89	6.3	14.5	20.8	30.0	-9.2
129.77	9.3	14.4	23.7	30.0	-6.3
138.96	11.3	14.3	25.6	30.0	-4.4
154.29	13.5	13.2	26.7	30.0	-3.3
158.24	14.9	12.9	27.8	30.0	-2.2
168.79	9.2	12.8	22.0	30.0-	-8.0
173.43	13.5	12.8	26.3	30.0	-3.7
181.00	6.9	12.7	19.6	30.0	-10.4
183.29	9.4	12.6	22.0	30.0	-8.0

190.93	7.7	12.1	19.8	30.0	-10.2
193.43	8.1	12.0	20.1	30.0	-9.9
196.57	7.1	11.8	18.9	30.0	-11.1
198.57	10.5	11.7	22.2	30.0	-7.8
200.40	12.8	11.6	24.4	30.0	-5.6
212.70	8.1	12.6	20.7	30.0	-9.3
220.40	8.8	13.2	22.0	30.0	-8.0
240.30	9.3	15.6	24.9	37.0	-12.1
246.30	14.2	16.4	30.6	37.0	-6.4
251.70	9.2	16.9	26.1	37.0	-10.9
265.70	7.0	17.2	24.2	37.0	-12.8
301.10	6.9	18.7	25.6	37.0	-11.4
319.10	8.8	19.1	27.9	37.0	-9.1
325.40	11.2	19.2	30.4	37.0	-6.6
337.40	6.9	19.5	26.4	37.0	-10.6
360.60	5.5	20.0	25.5	37.0	-11.5
402.00	7.1	20.9	28.0	37.0	-9.0
407.70	9.2	21.0	30.2	37.0	-6.8

542.00	4.9	24.7	29.6	37.0	-7.4
594.30	5.6	25.4	31.0	37.0	-6.0
696.60	5.9	26.3	32.2	37.0	-4.8
784.00	5.8	26.9	32.7	37.0	-4.3
798.60	4.7	27.4	32.1	37.0	-4.9
831.10	5.5	27.5	33.0	37.0	-4.0
894.10	4.9	27.5	32.4	37.0	-4.6
999.60	2.6	30.4	33.0	37.0	-4.0

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Vertical -- 10m

Test Mode: Mode 3

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 28°C **Humidity:** 69%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
122.86	12.1	14.5	26.6	30.0	-3.4
143.97	12.5	14.0	26.5	30.0	-3.5
150.53	13.7	13.5	27.2	30.0	-2.8
163.61	8.6	12.7	21.3	30.0	-8.7
170.15	9.0	12.8	21.8	30.0	-8.2
196.34	12.3	11.8	24.1	30.0	-5.9
199.79	14.9	11.6	26.5	30.0	-3.5
203.30	9.3	11.9	21.2	30.0	-8.8
209.60	8.2	12.3	20.5	30.0	-9.5
213.60	10.1	12.7	22.8	30.0	-7.2

218.00	10.1	13.0	23.1	30.0	-6.9
229.70	10.8	14.2	25.0	30.0	-5.0
238.40	11.4	15.3	26.7	37.0	-10.3
246.10	13.3	16.4	29.7	37.0	-7.3
249.10	7.3	16.8	24.1	37.0	-12.9
258.30	8.1	17.1	25.2	37.0	-11.8
275.00	6.8	17.4	24.2	37.0	-12.8
278.40	8.4	17.6	26.0	37.0	-11.0
301.10	8.2	18.7	26.9	37.0	-10.1
308.00	12.8	18.8	31.6	37.0	-5.4
320.90	7.1	19.1	26.2	37.0	-10.8
328.60	10.5	19.3	29.8	37.0	-7.2
340.90	6.8	19.6	26.4	37.0	-10.6
359.40	7.4	20.0	27.4	37.0	-9.6
392.00	9.9	20.6	30.5	37.0	-6.5
400.90	10.2	20.8	31.0	37.0	-6.0
407.70	6.7	21.0	27.7	37.0	-9.3
420.90	7.5	21.4	28.9	37.0	-8.1

463.40	10.9	22.5	33.4	37.0	-3.6
470.60	9.3	22.6	31.9	37.0	-5.1
481.70	6.7	22.8	29.5	37.0	-7.5
534.90	6.6	24.4	31.0	37.0	-6.0
541.70	6.9	24.7	31.6	37.0	-5.4
555.10	7.1	25.0	32.1	37.0	-4.9
557.40	6.1	25.0	31.1	37.0	-5.9
596.60	8.1	25.4	33.5	37.0	-3.5
695.19	7.5	26.3	33.8	37.0	-3.2
754.90	5.7	26.0	31.7	37.0	-5.3
799.00	6.4	27.4	33.8	37.0	-3.2
893.63	5.8	27.5	33.3	37.0	-3.7
1000.00	3.5	30.4	33.9	37.0	-3.1

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Horizontal -- 10m

Test Mode: Mode 3

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 28°C **Humidity:** 69%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
65.72	15.6	7.2	22.8	30.0	-7.2
109.26	7.4	13.2	20.6	30.0	-9.4
111.95	11.0	13.5	24.5	30.0	-5.5
117.89	10.7	14.3	25.0	30.0	-5.0
119.87	10.6	14.5	25.1	30.0	-4.9
123.03	10.2	14.5	24.7	30.0	-5.3
125.24	10.8	14.5	25.3	30.0	-4.7
139.54	12.7	14.3	27.0	30.0	-3.0
150.52	13.3	13.5	26.8	30.0	-3.2
158.53	12.7	12.8	25.5	30.0	-4.5

176.69	11.4	12.8	24.2	30.0	-5.8
183.24	7.7	12.6	20.3	30.0	-9.7
189.93	10.3	12.2	22.5	30.0	-7.5
193.29	10.5	12.0	22.5	30.0	-7.5
197.71	14.1	11.7	25.8	30.0	-4.2
198.56	10.8	11.7	22.5	30.0	-7.5
200.70	13.4	11.7	25.1	30.0	-4.9
209.44	15.3	12.3	27.6	30.0	-2.4
216.70	12.1	12.9	25.0	30.0	-5.0
228.60	11.4	14.0	25.4	30.0	-4.6
246.30	16.3	16.4	32.7	37.0	-4.3
260.30	10.3	17.1	27.4	37.0	-9.6
294.60	7.5	18.4	25.9	37.0	-11.1
299.90	7.5	18.6	26.1	37.0	-10.9
306.00	6.5	18.8	25.3	37.0	-11.7
312.60	9.1	18.9	28.0	37.0	-9.0
319.10	11.9	19.1	31.0	37.0	-6.0
325.70	12.0	19.2	31.2	37.0	-5.8

337.70	7.3	19.5	26.8	37.0	-10.2
345.10	9.9	19.7	29.6	37.0	-7.4
360.90	8.8	20.0	28.8	37.0	-8.2
408.00	8.2	21.0	29.2	37.0	-7.8
432.00	10.9	21.7	32.6	37.0	-4.4
455.70	7.0	22.3	29.3	37.0	-7.7
466.90	10.1	22.5	32.6	37.0	-4.4
591.10	6.5	25.3	31.8	37.0	-5.2
610.00	5.3	25.5	30.8	37.0	-6.2
691.40	5.4	26.3	31.7	37.0	-5.3
799.00	5.8	27.4	33.2	37.0	-3.8
899.30	3.3	27.5	30.8	37.0	-6.2

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Vertical -- 10m

Test Mode: Mode 4

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 28°C **Humidity:** 69%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
57.33	16.6	7.2	23.8	30.0	-6.2
79.31	15.5	8.9	24.4	30.0	-5.6
85.06	14.2	9.8	24.0	30.0	-6.0
111.38	12.4	13.5	25.9	30.0	-4.1
117.79	11.3	14.3	25.6	30.0	-4.4
130.88	11.3	14.4	25.7	30.0	-4.3
169.07	11.6	12.8	24.4	30.0	-5.6
169.86	8.4	12.8	21.2	30.0	-8.8
172.36	9.0	12.8	21.8	30.0	-8.2
175.07	11.9	12.8	24.7	30.0	-5.3

181.43	12.7	12.7	25.4	30.0	-4.6
183.21	12.2	12.6	24.8	30.0	-5.2
184.43	9.8	12.5	22.3	30.0	-7.7
185.86	8.6	12.4	21.0	30.0	-9.0
195.36	10.9	11.9	22.8	30.0	-7.2
196.50	13.9	11.8	25.7	30.0	-4.3
197.86	10.6	11.7	22.3	30.0	-7.7
199.98	11.7	11.6	23.3	30.0	-6.7
203.00	10.9	11.8	22.7	30.0	-7.3
210.10	10.0	12.4	22.4	30.0	-7.6
213.30	8.3	12.6	20.9	30.0	-9.1
216.90	12.1	12.9	25.0	30.0	-5.0
218.00	9.2	13.0	22.2	30.0	-7.8
233.70	10.5	14.7	25.2	37.0	-11.8
242.70	13.3	15.9	29.2	37.0	-7.8
246.30	11.1	16.4	27.5	37.0	-9.5
249.00	10.4	16.8	27.2	37.0	-9.8
301.10	7.5	18.7	26.2	37.0	-10.8

321.10	10.6	19.1	29.7	37.0	-7.3
335.70	8.3	19.5	27.8	37.0	-9.2
348.00	9.1	19.8	28.9	37.0	-8.1
367.70	9.1	20.2	29.3	37.0	-7.7
378.00	13.1	20.4	33.5	37.0`	-3.5
393.10	9.7	20.7	30.4	37.0	-6.6
397.40	7.9	20.8	28.7	37.0	-8.3
413.10	8.6	21.2	29.8	37.0	-7.2
417.10	9.0	21.3	30.3	37.0	-6.7
458.18	7.2	22.4	29.6	37.0	-7.4
497.10	5.9	23.1	29.0	37.0	-8.0
501.70	7.8	23.2	31.0	37.0	-6.0
695.40	6.1	26.3	32.4	37.0	-4.6
799.40	6.6	27.4	34.0	37.0	-3.0

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** Site # 3

Tested by: Gimmy Tsai **Polar:** Horizontal -- 10m

Test Mode: Mode 4

Detector Function: Quasi-Peak **Test Results:** Passed

Temperature: 28°C **Humidity:** 69%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits	Margin (dB)
74.05	10.0	8.2	18.2	30.0	-11.8
85.06	11.6	9.8	21.4	30.0	-8.6
110.01	8.3	13.3	21.6	30.0	-8.4
111.34	7.0	13.4	20.4	30.0	-9.6
113.21	6.1	13.7	19.8	30.0	-10.2
117.87	10.3	14.3	24.6	30.0	-5.4
123.04	7.2	14.5	21.7	30.0	-8.3
126.83	7.5	14.5	22.0	30.0	-8.0
127.70	9.9	14.5	24.4	30.0	-5.6
131.09	8.6	14.4	23.0	30.0	-7.0

143.97	9.3	4.0	23.3	30.0	-6.7
159.93	7.1	12.7	19.8	30.0	-10.2
168.29	6.7	12.8	19.5	30.0	-10.5
169.71	10.3	12.8	23.1	30.0	-6.9
176.86	9.7	12.8	22.5	30.0	-7.5
179.00	7.5	12.8	20.3	30.0	-9.7
183.36	10.5	12.6	23.1	30.0	-6.9
193.29	11.7	12.0	23.7	30.0	-6.3
196.64	9.4	11.8	21.2	30.0	-8.8
210.30	14.2	12.4	26.6	30.0	-3.4
215.99	14.6	12.8	27.4	30.0	-2.6
229.70	12.5	14.2	26.7	30.0	-3.3
237.90	13.4	15.3	28.7	37.0	-8.3
242.60	16.2	15.9	32.1	37.0	-4.9
245.73	15.9	16.3	32.2	37.0	-4.8
249.30	13.9	16.8	30.7	37.0	-6.3
258.60	12.4	17.1	29.5	37.0	-7.5
270.40	12.1	17.3	29.4	37.0	-7.6

300.60	7.6	18.7	26.3	37.0	-10.7
338.90	7.8	19.5	27.3	37.0	-9.7
358.90	6.1	20.0	26.1	37.0	-10.9
408.00	9.3	21.0	30.3	37.0	-6.7
420.60	7.6	21.4	29.0	37.0	-8.0
430.90	8.2	21.7	29.9	37.0	-7.1
498.90	7.1	23.1	30.2	37.0	-6.8
501.70	5.4	23.2	28.6	37.0	-8.4
542.30	4.8	24.7	29.5	37.0	-7.5
900.10	6.2	27.5	33.7	37.0	-3.3

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Vertical ---3 m

Test Mode: Mode 1

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 29°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1206.00	18.5	27.5	46.0 (Pk)	53.9	-7.9
1394.00	14.4	28.1	42.5 (Pk)	53.9	-11.4
1497.00	19.5	28.3	47.8 (Pk)	53.9	-6.1
1594.00	14.3	28.8	43.1 (Pk)	53.9	-10.8
2000.00	9.6	30.9	40.5 (Pk)	53.9	-13.4
3594.00	8.0	36.1	44.1 (Pk)	53.9	-9.8

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Horizontal ---3 m

Test Mode: Mode 1

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 29°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1200.00	15.9	27.5	43.4 (Pk)	53.9	-10.5
1497.00	13.8	28.3	42.1 (Pk)	53.9	-11.8
1600.00	10.9	28.9	39.8 (Pk)	53.9	-14.1
2057.00	9.9	31.0	40.9 (Pk)	53.9	-13.0
3160.00	9.2	34.4	43.6 (Pk)	53.9	-10.3

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Vertical ---3 m

Test Mode: Mode 2

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 27°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1200.00	17.2	27.5	44.7 (Pk)	53.9	-9.2
1406.00	13.2	28.1	41.3 (Pk)	53.9	-12.6
1497.00	18.5	28.3	46.8 (Pk)	53.9	-7.1
1600.00	12.9	28.9	41.8 (Pk)	53.9	-12.1
2783.00	9.7	33.0	42.7 (Pk)	53.9	-11.2

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Horizontal ---3 m

Test Mode: Mode 2

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 27°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1206.00	14.2	27.5	41.7 (Pk)	53.9	-12.2
1491.00	11.0	28.3	39.3 (Pk)	53.9	-14.6
1594.00	11.7	28.8	40.5 (Pk)	53.9	-13.4
2800.00	8.7	33.0	41.7 (Pk)	53.9	-12.2
4583.00	8.0	37.4	45.4 (Pk)	53.9	-8.5

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Vertical ---3 m

Test Mode: Mode 3

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 27°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1206.00	17.0	27.5	44.5 (Pk)	53.9	-9.4
1497.00	20.0	28.3	48.3 (Pk)	53.9	-5.6
1600.00	11.2	28.9	40.1 (Pk)	53.9	-13.8
2394.00	9.1	31.7	40.8 (Pk)	53.9	-13.1
3669.00	8.1	36.3	44.4 (Pk)	53.9	-9.5

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Horizontal ---3 m

Test Mode: Mode 3

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 27°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1206.00	14.5	27.5	42.0 (Pk)	53.9	-11.9
1503.00	12.0	28.4	40.4 (Pk)	53.9	-13.5
1594.00	11.1	28.8	39.9 (Pk)	53.9	-14.0
2200.00	8.5	31.3	39.8 (Pk)	53.9	-14.1
3691.00	8.3	36.4	44.7 (Pk)	53.9	-9.2

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Vertical ---3 m

Test Mode: Mode 4

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 29°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1200.00	19.3	27.5	46.8 (Pk)	53.9	-7.1
1303.00	12.5	27.8	40.3 (Pk)	53.9	-13.6
1400.00	15.0	28.1	43.1 (Pk)	53.9	-10.8
1491.00	21.6	28.3	49.9 (Pk)	53.9	-4.0
1606.00	12.5	28.9	41.4 (Pk)	53.9	-12.5
2789.00	10.3	33.0	43.3 (Pk)	53.9	-10.6

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.

SUMMARY DATA

(RADIATED EMISSION TEST)

Model Number: A440 **Location:** 3 meter chamber

Tested by: Kevin Wang **Polar:** Horizontal ---3 m

Test Mode: Mode 4

Detector Function: Pk / A.V. **Test Results:** Passed

Temperature: 29°C **Humidity:** 67%RH

(The chart below shows the highest readings taken from the final data)

Freq. (MHz)	Raw Data (dBuV/m)	Corr. Factor (dB)	Emiss. Level (dBuV/m)	Limits (A.V.)	Margin (dB)
1206.00	16.7	27.5	44.2 (Pk)	53.9	-9.7
1491.00	14.2	28.3	42.5 (Pk)	53.9	-11.4
1600.00	12.6	28.9	41.5 (Pk)	53.9	-12.4
1989.00	9.4	30.8	40.2 (Pk)	53.9	-13.7
3806.00	8.2	36.7	44.9 (Pk)	53.9	-9.0

****Note:** In case of peak reading complied with the A.V. limit at least 2dB margin, no further measurement with A.V. detector required.