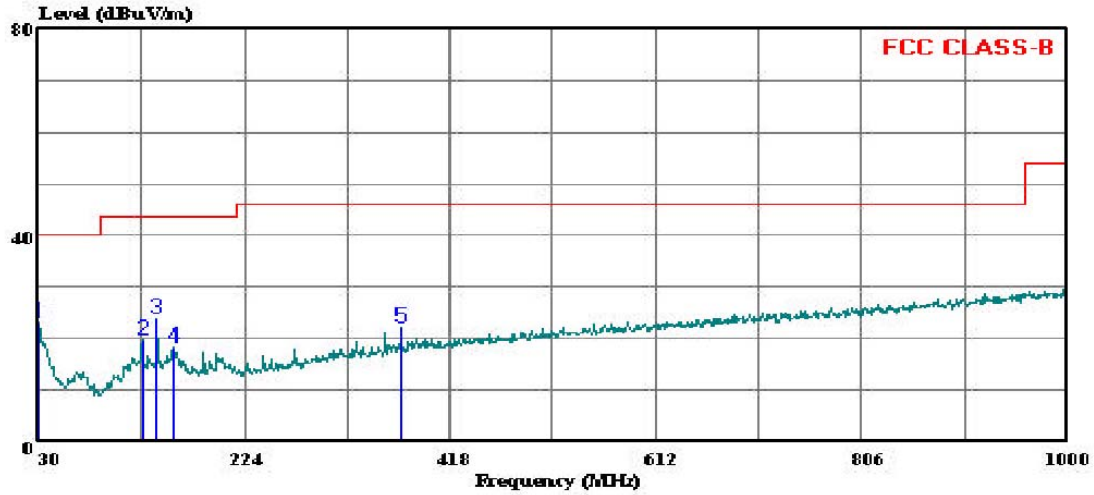
CONFIG 5: EUT WITH CRADLE-TYPE DUAL BATTERY CHARGER

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

HORIZONTAL PLOT

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 24 File#: 07J11143Chamber.EMI
Date: 07-27-2007 Time: 23:15:55



Trace: 23 Ref Trace:

Condition: FCC CLASS-B HORIZONTAL
Engineer: : Mengistu Mekuria
Company: : Casio Computer Co.; Ltd.
Project #: : 07J11143
Test Configuration::
Set Up : Three Dual Chargers w/Six DT-X7 Terminal
Mode of operation: : Tx worst-case
Test Target: : FCC Class B

HORIZONTAL DATA

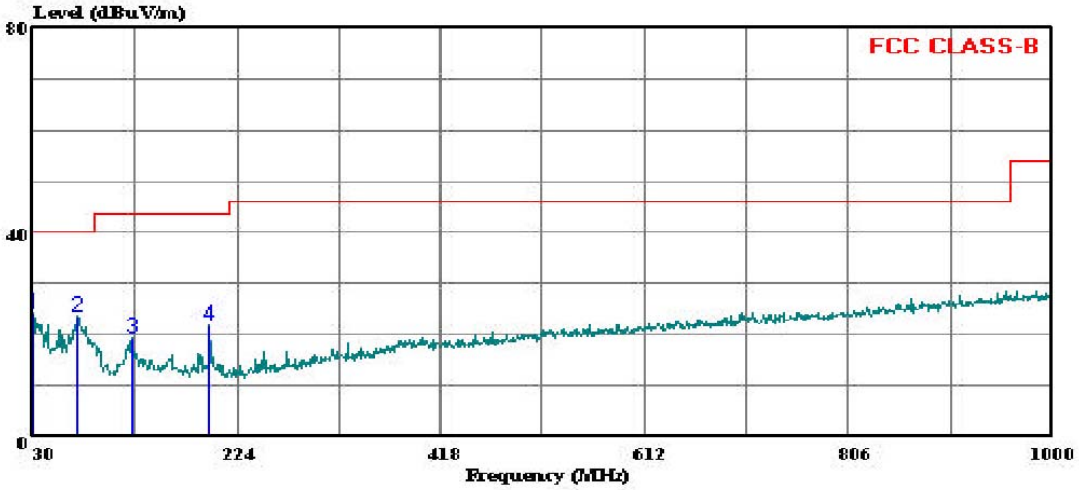
	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	30.000	32.30	-9.13	23.17	40.00	-16.83	Peak
2	127.970	36.10	-16.52	19.58	43.50	-23.92	Peak
3	141.550	40.70	-16.84	23.86	43.50	-19.64	Peak
4	157.070	35.90	-17.61	18.29	43.50	-25.21	Peak
5	371.440	36.40	-14.11	22.29	46.00	-23.71	Peak

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, VERTICAL)

VERTICAL PLOT

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 22 File#: 07J11143Chamber.EMI
Date: 07-27-2007 Time: 23:10:04



Trace: 21 Ref Trace:

Condition: FCC CLASS-B VERTICAL
Engineer: : Mengistu Mekuria
Company: : Casio Coputer Co.; Ltd.
Project #: : 07J11143
Test Configuration::
Set Up : Three Dual Chargers w/Six DT-X7 Terminal
Mode of operation: : Tx worst-case
Test Target: : FCC Class B

VERTICAL DATA

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	30.000	33.30	-9.13	24.17	40.00	-15.83	Peak
2	72.680	46.00	-22.57	23.43	40.00	-16.57	Peak
3	124.090	36.00	-16.52	19.48	43.50	-24.02	Peak
4	197.810	39.10	-17.30	21.80	43.50	-21.70	Peak

7.4. AC POWER LINE CONDUCTED EMISSIONS

LIMIT

FCC §15.207 (a)

RSS-Gen 7.2.2

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.4.

The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

No non-compliance noted:

6 WORST EMISSIONS

EUT WITH USB CRADLE (CONFIGURATION 2)

USB HOST

CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.20	41.52	--	--	0.00	63.69	53.69	-22.17	-12.17	L1
0.46	38.60	--	--	0.00	56.62	46.62	-18.02	-8.02	L1
0.53	37.48	--	--	0.00	56.00	46.00	-18.52	-8.52	L1
0.46	36.78	--	--	0.00	56.62	46.62	-19.84	-9.84	L2
0.53	36.82	--	--	0.00	56.00	46.00	-19.18	-9.18	L2
18.82	40.40	--	--	0.00	60.00	50.00	-19.60	-9.60	L2
6 Worst Data									

USB CLIENT

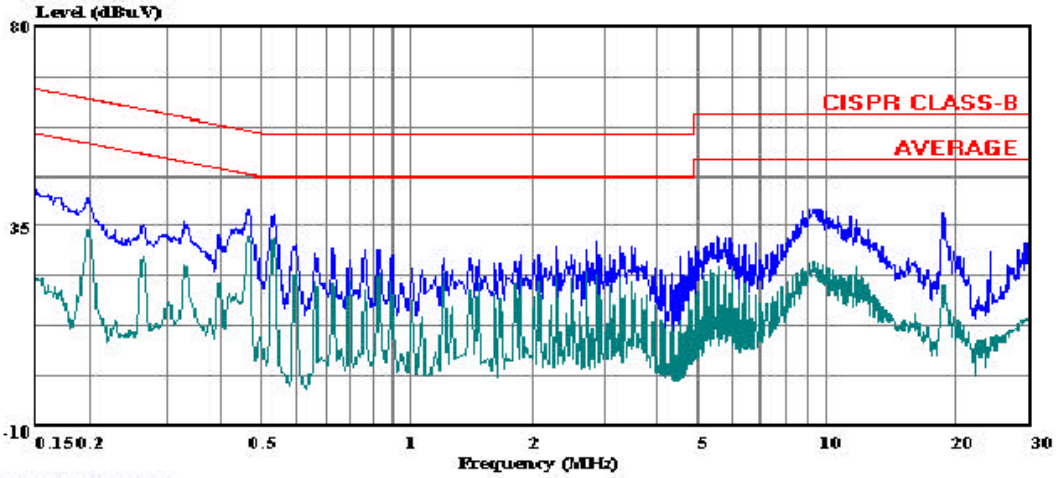
CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.15	42.06	--	--	0.00	65.94	55.94	-23.88	-13.88	L1
0.47	35.94	--	--	0.00	56.58	46.58	-20.64	-10.64	L1
9.60	38.88	--	--	0.00	60.00	50.00	-21.12	-11.12	L1
0.15	40.42	--	--	0.00	65.89	55.89	-25.47	-15.47	L2
0.53	34.30	--	--	0.00	56.00	46.00	-21.70	-11.70	L2
9.65	37.04	--	--	0.00	60.00	50.00	-22.96	-12.96	L2
6 Worst Data									

OPERATION MODE - USB HOST

LINE 1 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 70 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-29-2007 Time: 15:14:16



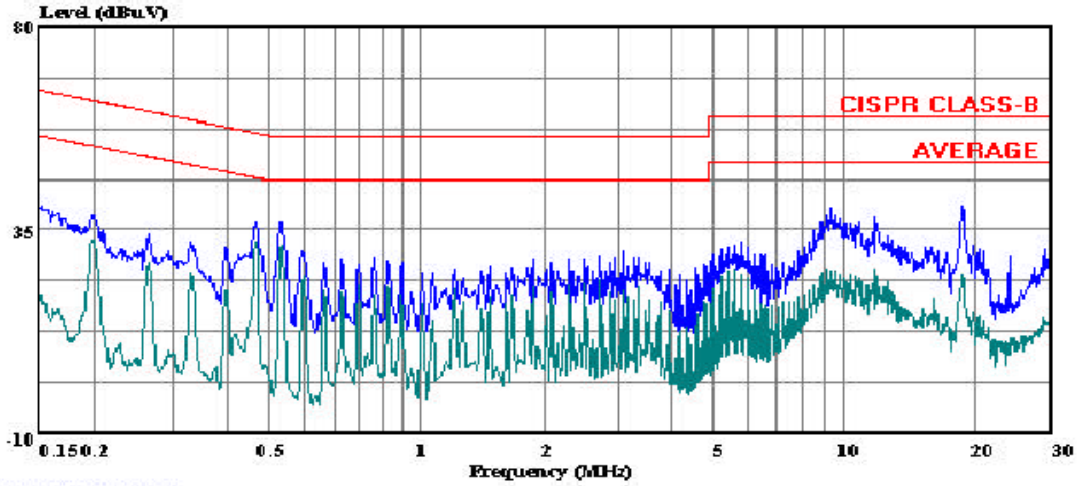
Trace: 68 Ref Trace:

Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 2
: USB Cradle (HA-F60 IO)
Mode: : H-Pattern, Host USB and BT TX
Target: : FCC Class B
Voltage: : L1: Peak(Blue), Avg(Green)
: 115VAC/60Hz

LINE 2 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 77 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-29-2007 Time: 15:26:15



Trace: 75 Ref Trace:

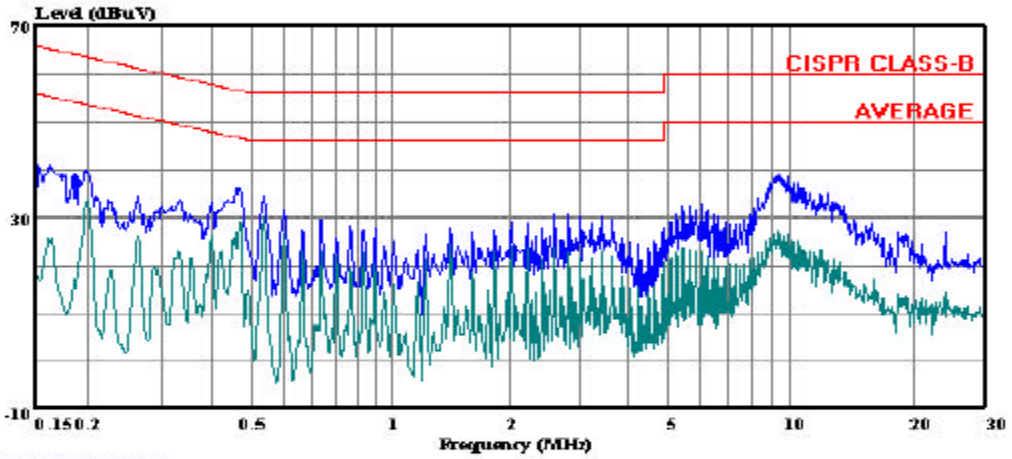
Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 2
: USB Cradle (HA-F60 IO)
Mode: : H-Pattern, Host USB and BT TX
Target: : FCC Class B
Voltage: : L2: Peak(Blue), Avg(Green)
: 115VAC/60Hz

USB CLIENT

LINE 1 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 119 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-30-2007 Time: 23:01:28



(Line Conduction)

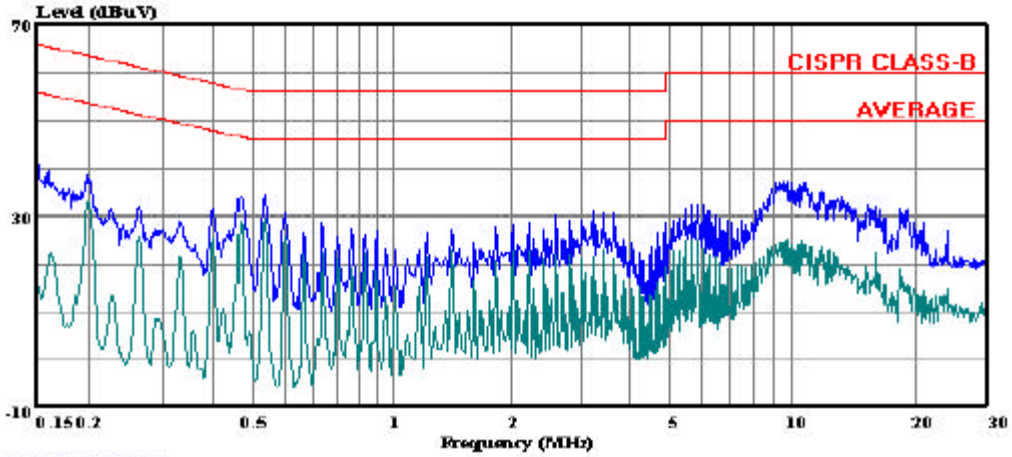
Trace: 117 Ref Trace:

Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 2
: USB Cradle (HA-F60 IO)
Mode: : H-Pattern, Client USB and BT TX
Target: : FCC Class B
Voltage: : L1: Peak(Blue), Avg(Green)
: 115VAC/60Hz

LINE 2 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 112 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-30-2007 Time: 22:47:39



(Line Conduction)

Trace: 110 Ref Trace:

Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 2
: USB Cradle (HA-F60 IO)
Mode: : H-Pattern, Client USB and BT TX
Target: : FCC Class B
Voltage: : L2: Peak(Blue), Avg(Green)
: 115VAC/60Hz

6 WORST EMISSIONS

EUT WITH ETHERNET CRADLE (CONFIGURATION 3)

USB HOST

CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.46	38.36	--	--	0.00	56.62	46.62	-18.26	-8.26	L1
0.53	37.62	--	--	0.00	56.00	46.00	-18.38	-8.38	L1
9.25	38.70	--	--	0.00	60.00	50.00	-21.30	-11.30	L1
0.46	36.96	--	--	0.00	56.62	46.62	-19.66	-9.66	L2
0.53	36.80	--	--	0.00	56.00	46.00	-19.20	-9.20	L2
18.82	41.02	--	--	0.00	60.00	50.00	-18.98	-8.98	L2
6 Worst Data									

USB CLIENT

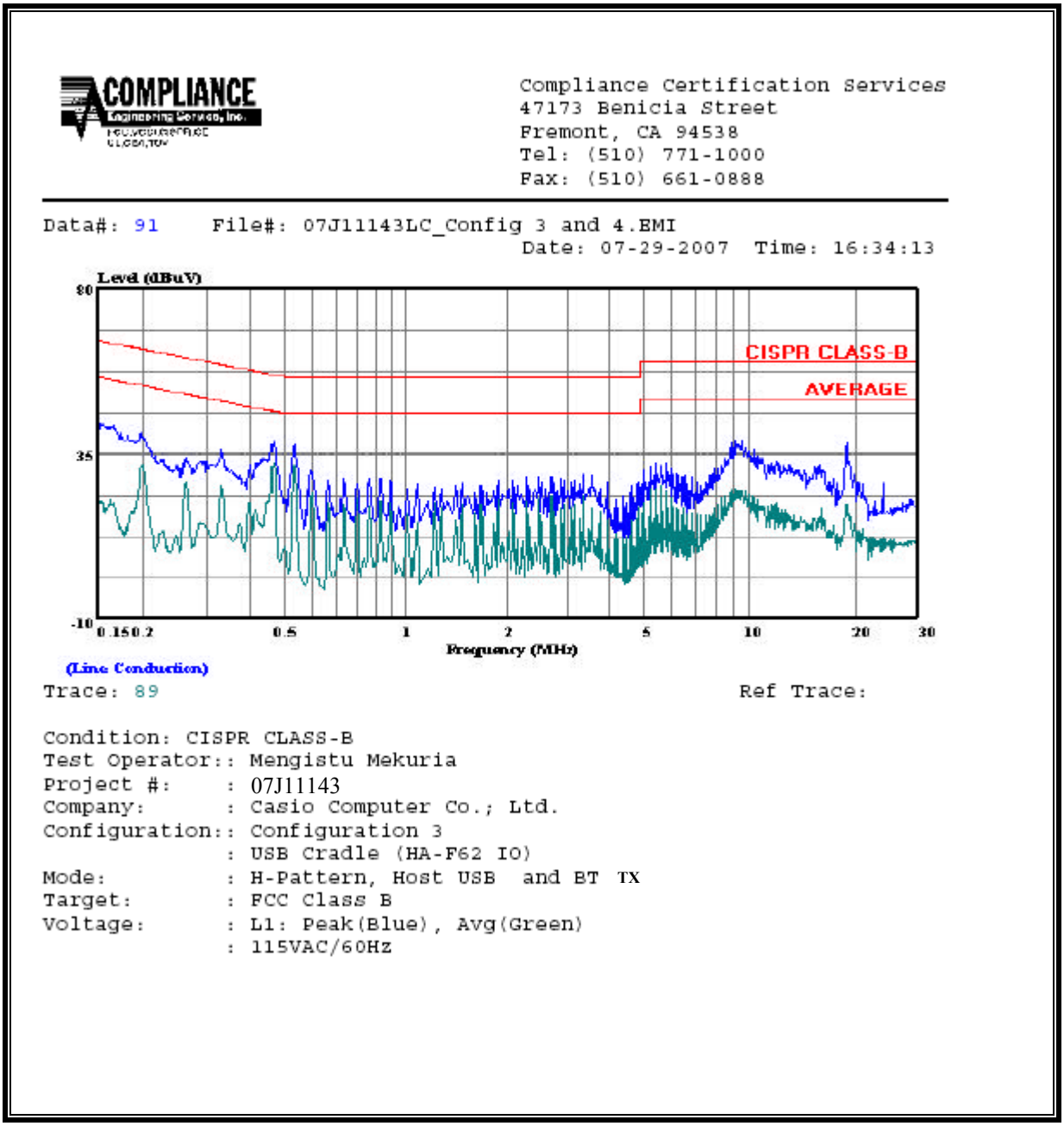
CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.46	36.60	--	--	0.00	56.62	46.62	-20.02	-10.02	L1
0.53	35.42	--	--	0.00	56.00	46.00	-20.58	-10.58	L1
9.55	39.04	--	--	0.00	60.00	50.00	-20.96	-10.96	L1
0.46	34.90	--	--	0.00	56.62	46.62	-21.72	-11.72	L2
0.53	33.98	--	--	0.00	56.00	46.00	-22.02	-12.02	L2
9.55	36.70	--	--	0.00	60.00	50.00	-23.30	-13.30	L2
6 Worst Data									

LAN

CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.15	46.86	--	--	0.00	65.94	55.94	-19.08	-9.08	L1
0.47	37.52	--	--	0.00	56.58	46.58	-19.06	-9.06	L1
9.55	40.90	--	--	0.00	60.00	50.00	-19.10	-9.10	L1
0.46	35.52	--	--	0.00	56.62	46.62	-21.10	-11.10	L2
0.53	33.16	--	--	0.00	56.00	46.00	-22.84	-12.84	L2
9.65	38.44	--	--	0.00	60.00	50.00	-21.56	-11.56	L2
6 Worst Data									

USB HOST

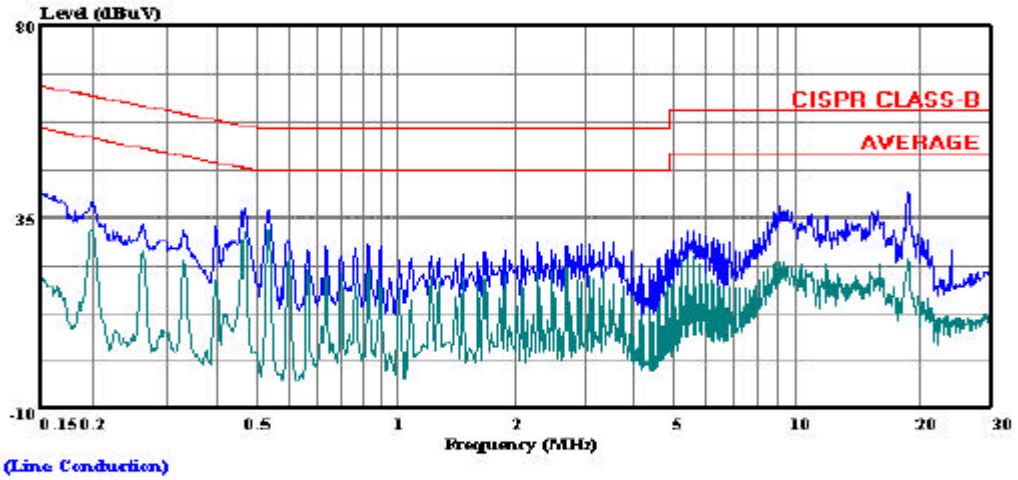
LINE 1 RESULTS



LINE 2 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 84 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-29-2007 Time: 16:23:28



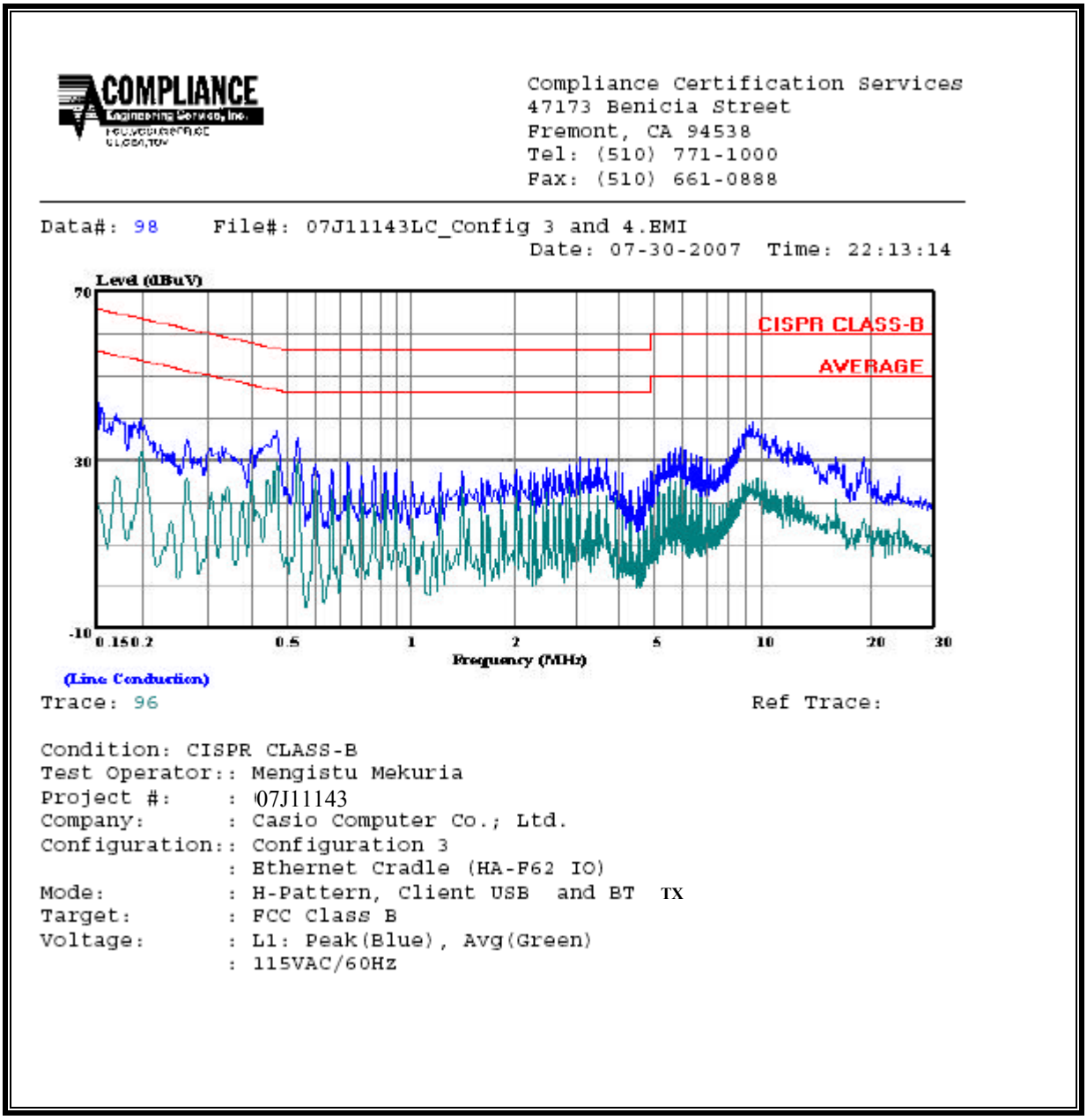
(Line Conduction)

Trace: 82 Ref Trace:

Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 3
: USB Cradle (HA-F62 IO)
Mode: : H-Pattern, Host USB and BT TX
Target: : FCC Class B
Voltage: : L2: Peak(Blue), Avg(Green)
: 115VAC/60Hz

USB CLIENT

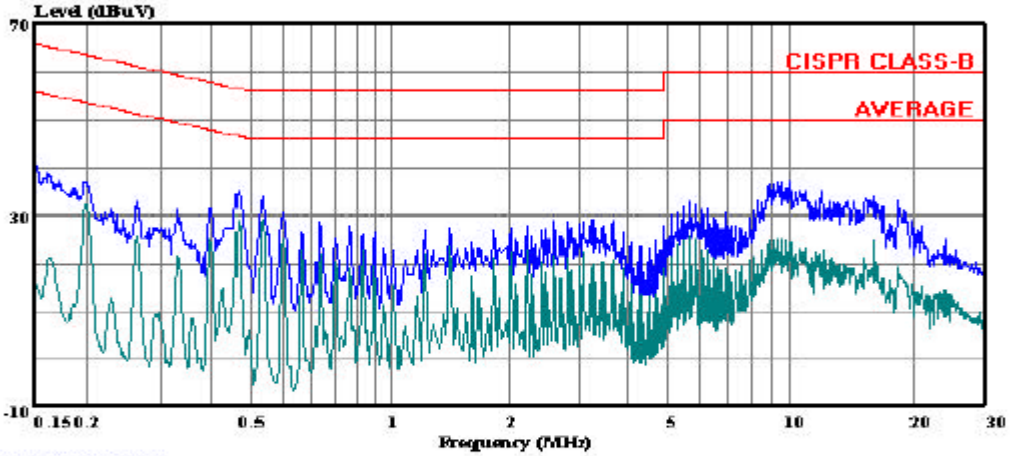
LINE 1 RESULTS



LINE 2 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 105 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-30-2007 Time: 22:27:12



(Line Conduction)

Trace: 103 Ref Trace:

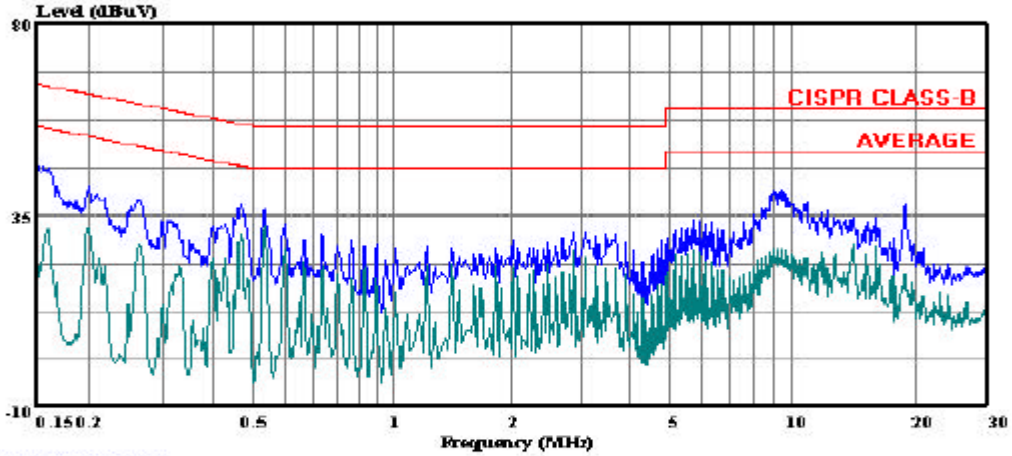
Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 3
: Ethernet Cradle (HA-F62 IO)
Mode: : H-Pattern, Client USB and BT TX
Target: : FCC Class B
Voltage: : L2: Peak(Blue), Avg(Green)
: 115VAC/60Hz

LAN

LINE 1 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 63 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-29-2007 Time: 14:10:45



(Line Conduction)

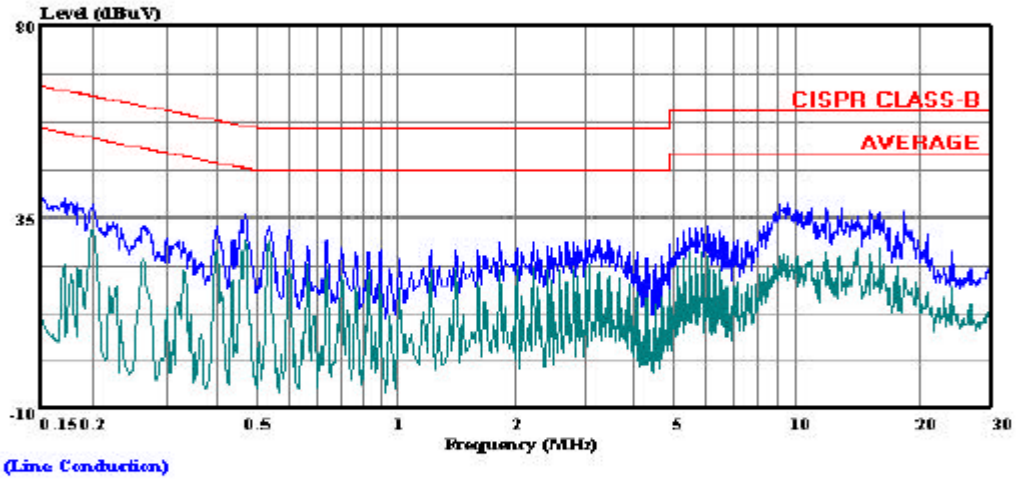
Trace: 61 Ref Trace:

Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 3
: Ethernet Cradle (HA-F62 IO)
Mode: : H-Pattern, LAN and BT TX
Target: : FCC Class B
Voltage: : L1: Peak(Blue), Avg(Green)
: 115VAC/60Hz

LINE 2 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 56 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-29-2007 Time: 13:44:29



Trace: 54 Ref Trace:

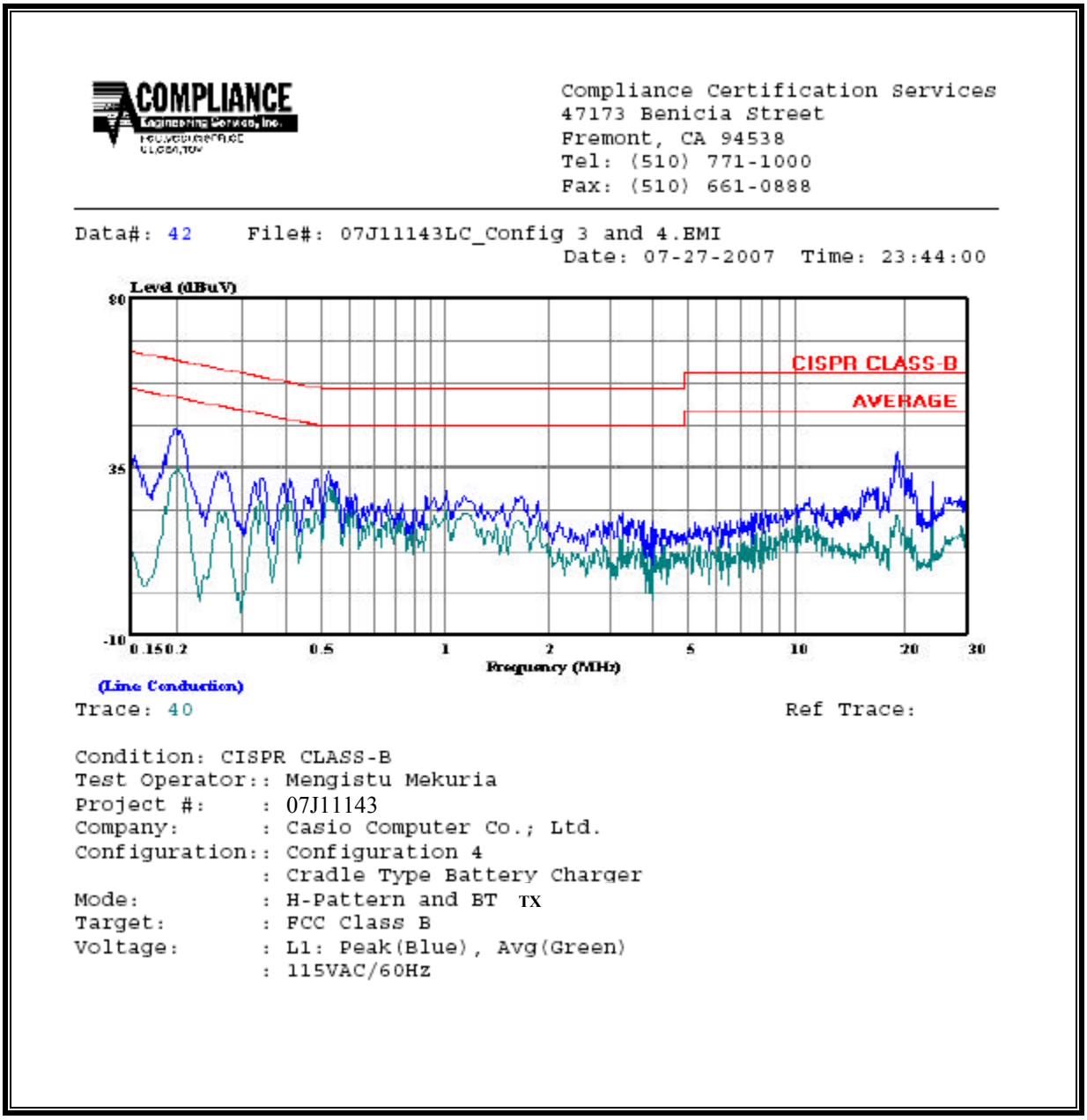
Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 3
: Ethernet Cradle (HA-F62 IO)
Mode: : H-Pattern, LAN and BT TX
Target: : FCC Class B
Voltage: : L2: Peak(Blue), Avg(Green)
: 115VAC/60Hz

6 WORST EMISSIONS

EUT WITH CRADLE TYPE BATTERY CHARGER (CONFIGURATION 4)

CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.20	36.74	--	--	0.00	63.57	53.57	-26.83	-16.83	L1
0.26	33.36	--	--	0.00	61.34	51.34	-27.98	-17.98	L1
0.46	34.26	--	--	0.00	56.71	46.71	-22.45	-12.45	L1
0.20	43.54	--	--	0.00	63.69	53.69	-20.15	-10.15	L2
0.46	37.56	--	--	0.00	56.71	46.71	-19.15	-9.15	L2
18.43	36.66	--	--	0.00	60.00	50.00	-23.34	-13.34	L2
6 Worst Data									

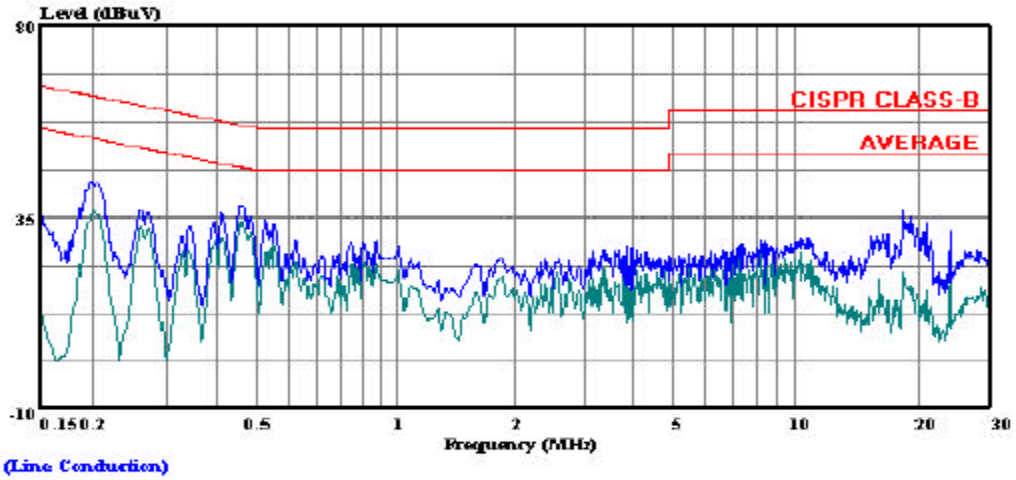
LINE 1 RESULTS



LINE 2 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 49 File#: 07J11143LC_Config 3 and 4.EMI
Date: 07-27-2007 Time: 23:58:34



Trace: 47 Ref Trace:

Condition: CISPR CLASS-B
Test Operator:: Mengistu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 4
: Cradle Type Battery Charger
Mode: : H-Pattern and BT TX
Target: : FCC Class B
Voltage: : L2: Peak(Blue), Avg(Green)
: 115VAC/60Hz

6 WORST EMISSIONS

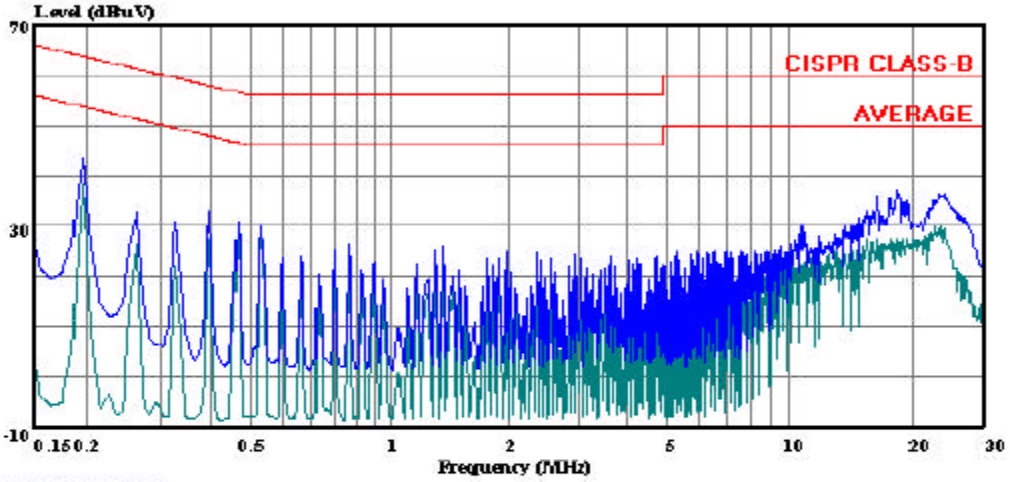
EUT WITH CRADLE TYPE DUAL BATTERY CHARGERS (CONFIGURATION 5)

CONDUCTED EMISSIONS DATA (115VAC 60Hz)									
Freq.	Reading			Closs	Limit	EN_B	Margin		Remark
(MHz)	PK (dBuV)	QP (dBuV)	AV (dBuV)	(dB)	QP	AV	QP (dB)	AV (dB)	L1 / L2
0.20	43.68	--	--	0.00	63.82	53.82	-20.14	-10.14	L1
0.40	32.96	--	--	0.00	57.94	47.94	-24.98	-14.98	L1
18.43	37.12	--	--	0.00	60.00	50.00	-22.88	-12.88	L1
0.20	43.94	--	--	0.00	63.82	53.82	-19.88	-9.88	L2
0.40	32.46	--	--	0.00	57.94	47.94	-25.48	-15.48	L2
18.43	40.16	--	--	0.00	60.00	50.00	-19.84	-9.84	L2
6 Worst Data									

LINE 1 RESULTS

Compliance Certification Services
47173 Benicia Street
Fremont, CA 94538
Tel: (510) 771-1000
Fax: (510) 661-0888

Data#: 49 File#: 07J11143LC.EMI Date: 07-26-2007 Time: 23:56:44

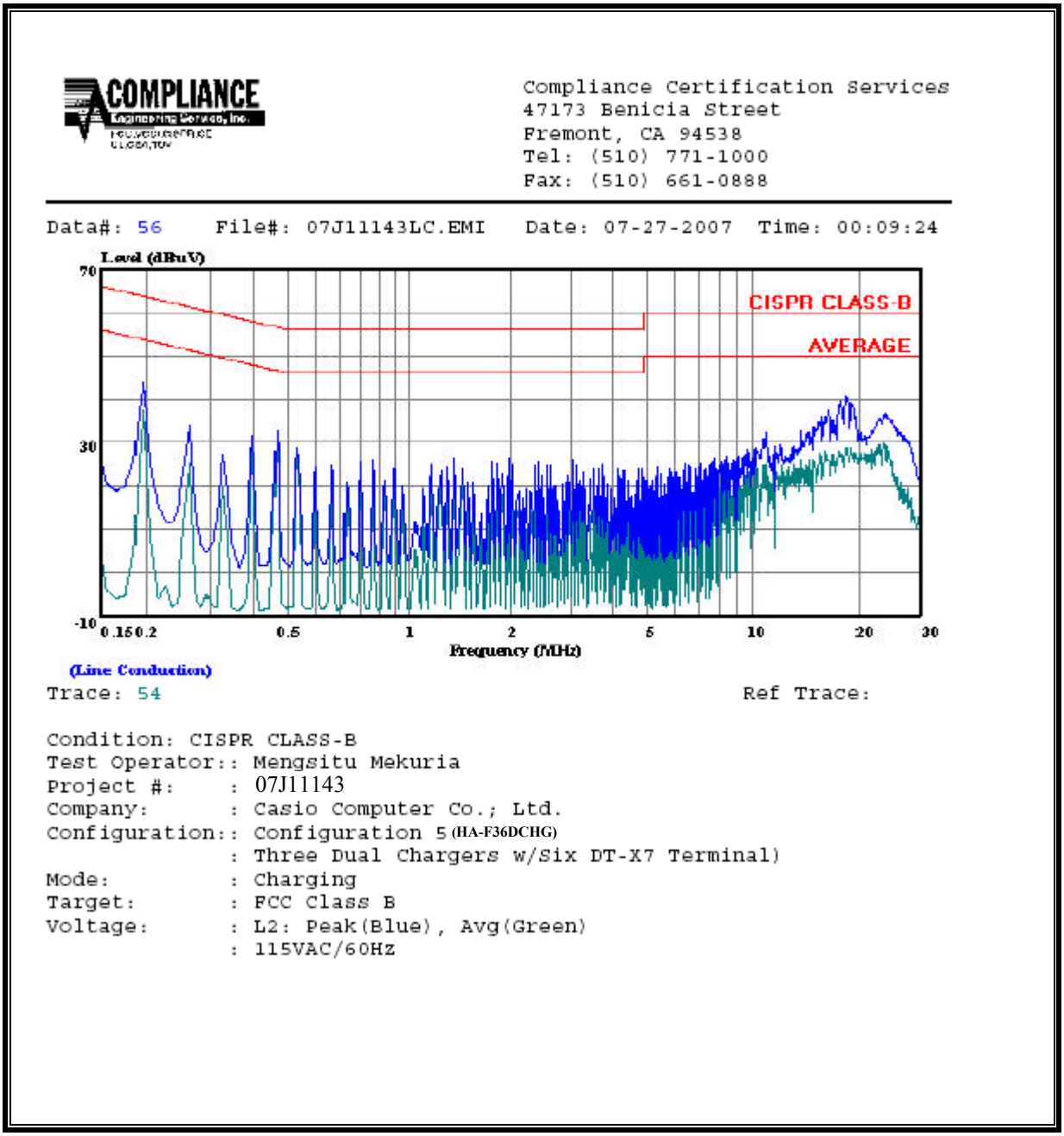


(Line Conduction)

Trace: 47 Ref Trace:

Condition: CISPR CLASS-B
Test Operator:: Mengsitu Mekuria
Project #: : 07J11143
Company: : Casio Computer Co.; Ltd.
Configuration:: Configuration 5 (HA-F36DCHG)
: Three Dual Chargers w/Six DT-X7 Terminal)
Mode: : Charging
Target: : FCC Class B
Voltage: : L1: Peak(Blue), Avg(Green)
: 115VAC/60Hz

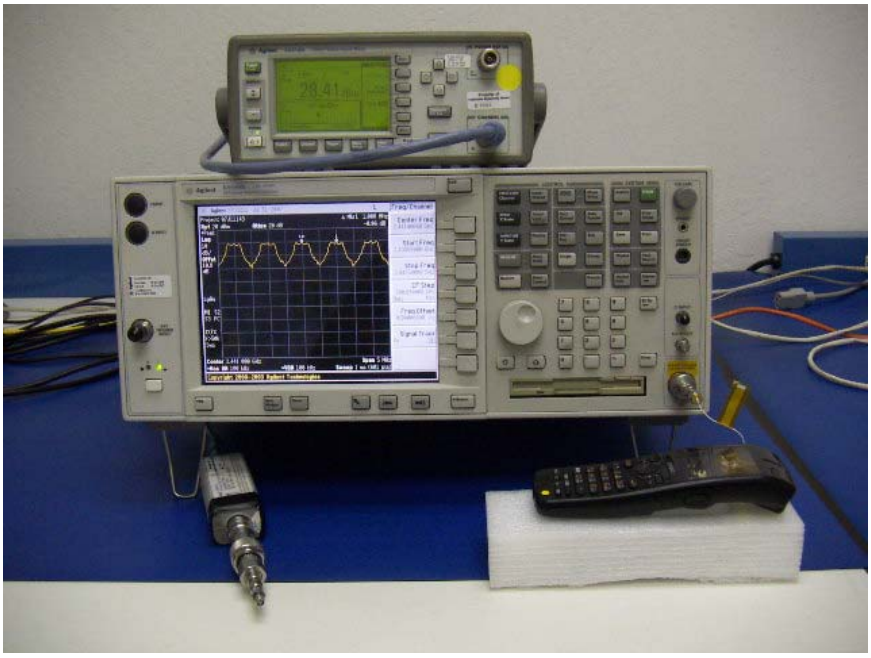
LINE 2 RESULTS



8. SETUP PHOTOS

ANTENNA PORT CONDUCTED RF MEASUREMENT SETUP

ANTENNA PORT CONDUCTED PHOTO

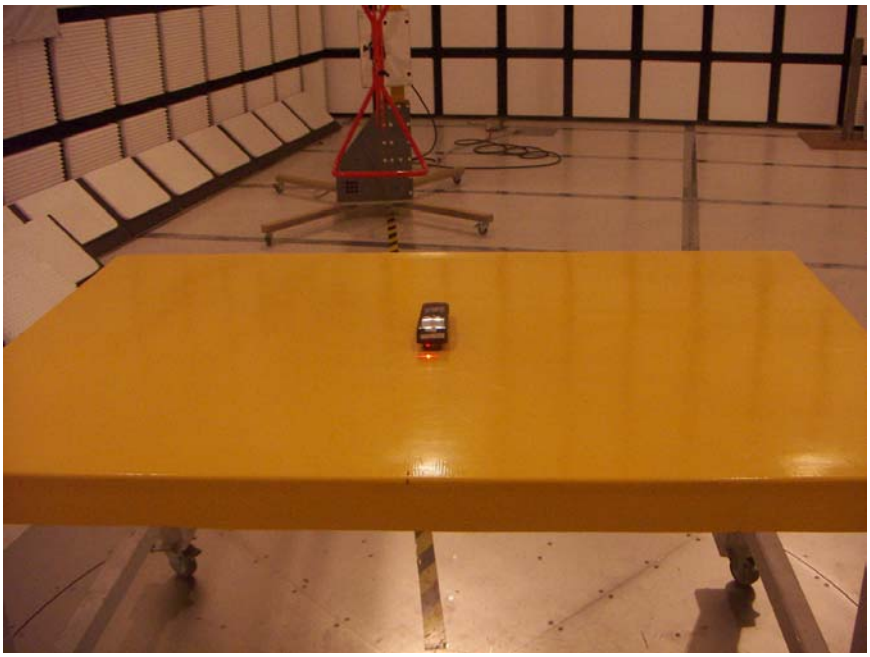


RADIATED RF MEASUREMENT SETUP

CONFIG #1: EUT WITH DRY CELL BATTERY CASE

RADIATED FRONT PHOTO WITH DRY CELL BATTERY CASE

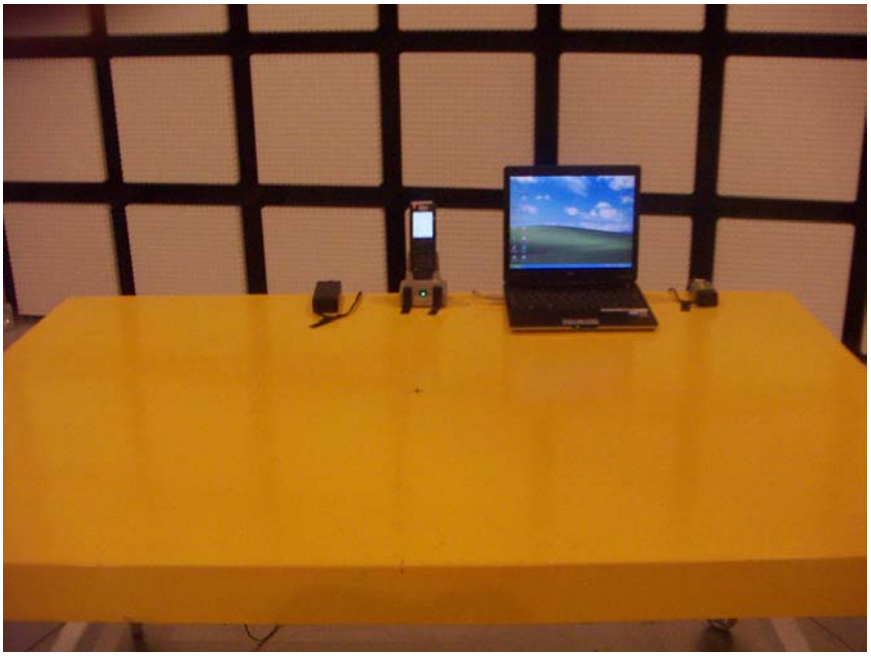
RADIATED BACK PHOTO WITH DRY CELL BATTERY CASE



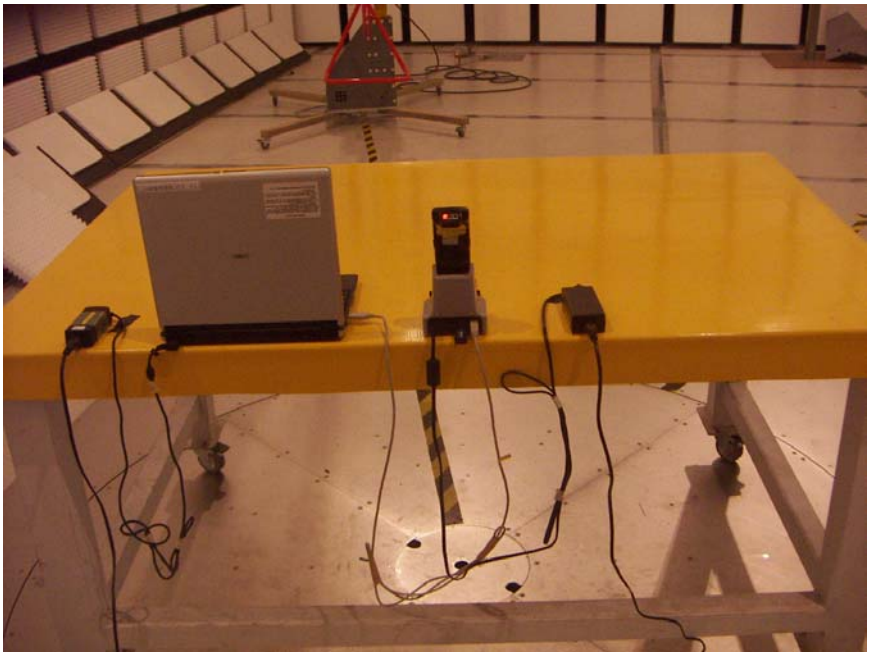
RADIATED BACK PHOTO WITH DRY CELL BATTERY CASE
ZOOM IN

CONFIG #2: EUT WITH USB CRADLE

RADIATED FRONT PHOTO WITH USB CRADLE

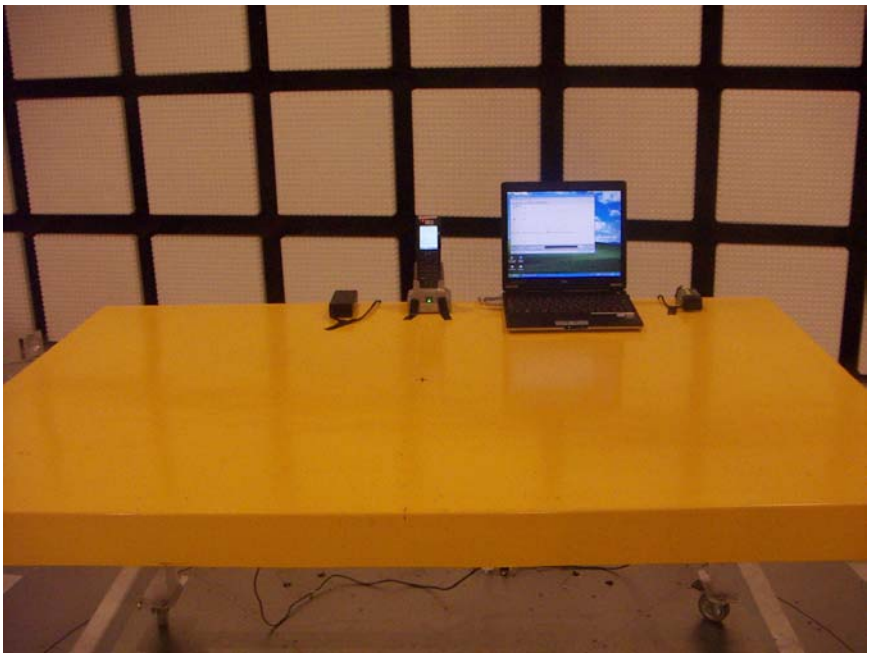


RADIATED BACK PHOTO WITH USB CRADLE

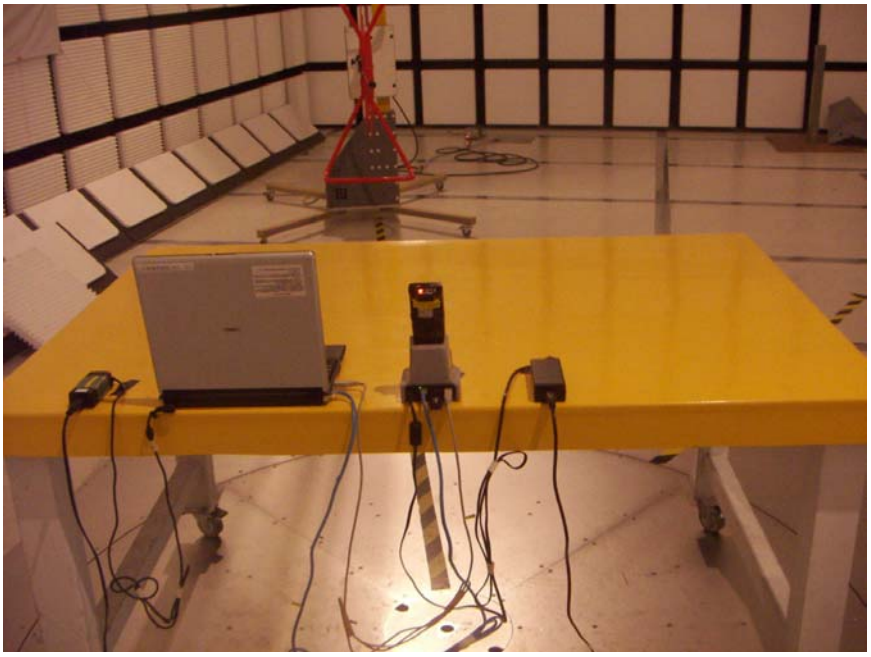


CONFIG #3: EUT WITH ETHERNET CRADLE _ WORST-CASE

RADIATED FRONT PHOTO WITH ETHERNET CRADLE

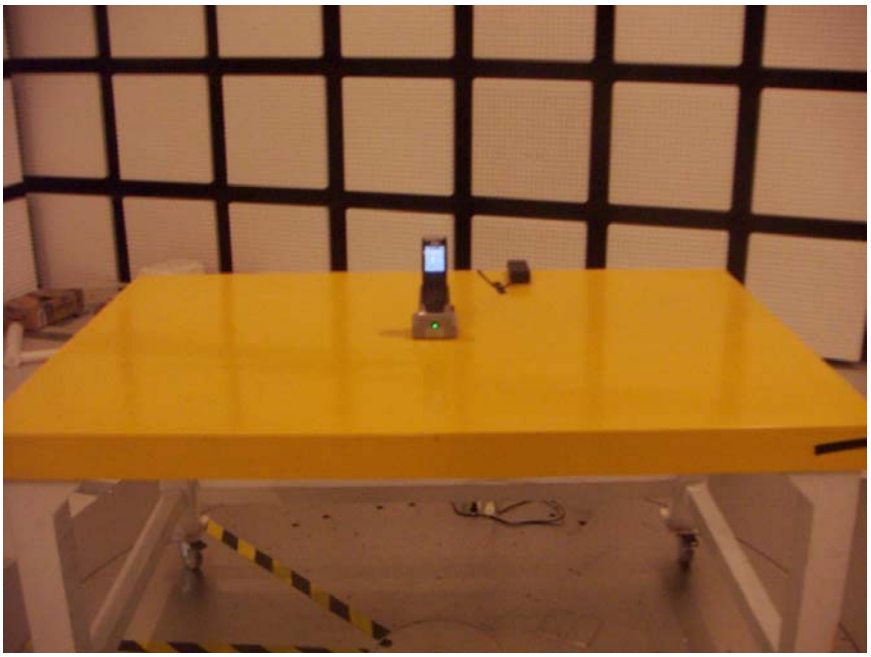


RADIATED BACK PHOTO WITH ETHERNET CRADLE

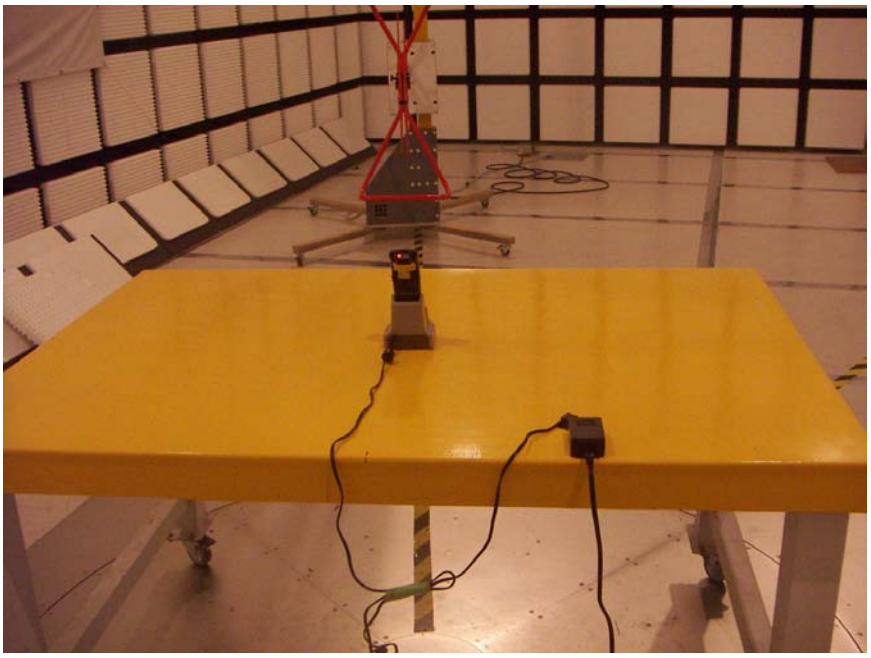


CONFIG #4: EUT WITH CRADLE-TYPE BATTERY CHARGER

RADIATED FRONT PHOTO WITH CRADLE-TYPE BATTERY CHARGER

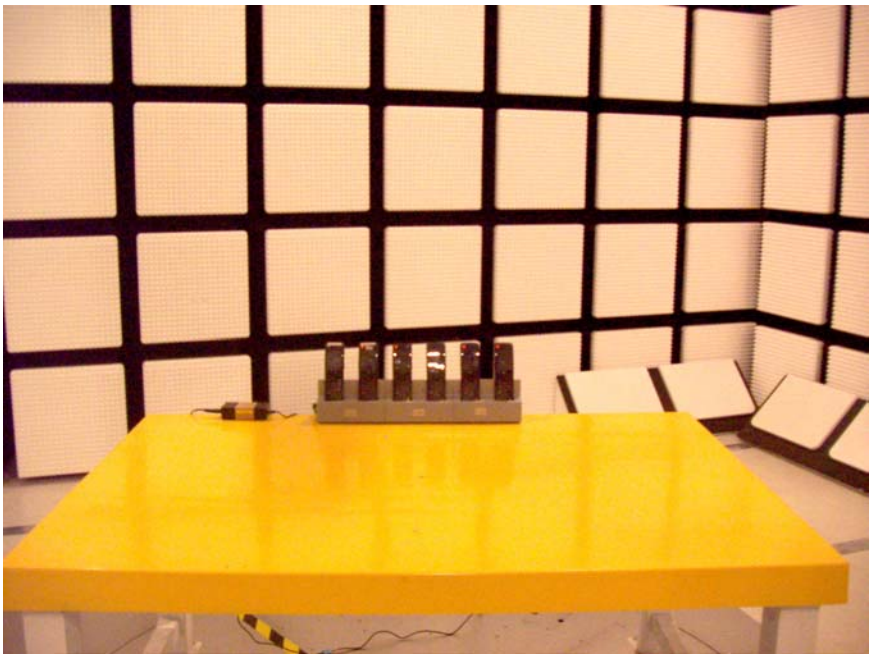


RADIATED BACK PHOTO WITH CRADLE-TYPE BATTERY CHARGER

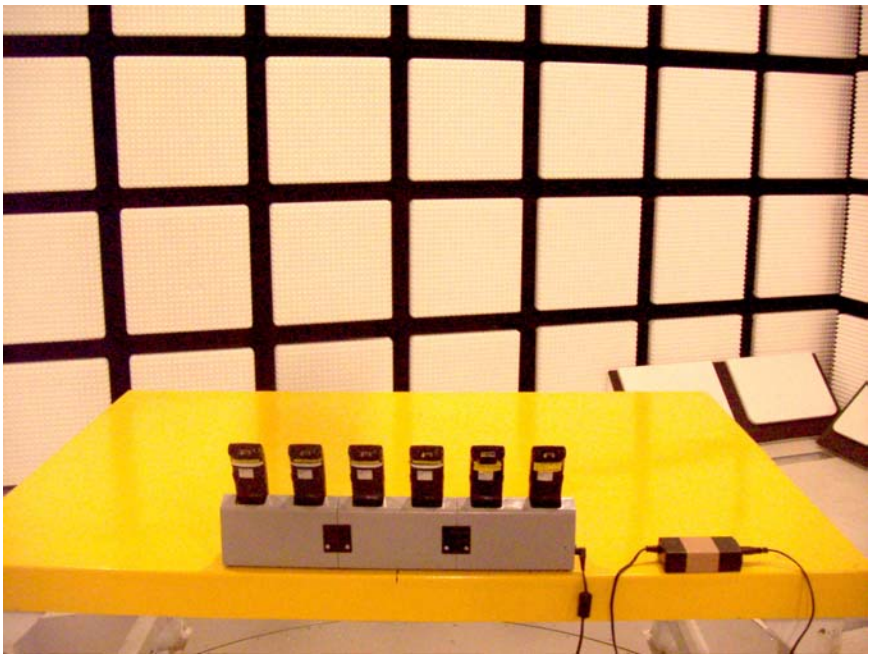


CONFIG #5: EUT WITH DUAL BATTERY CHARGER CRADLE

RADIATED FRONT PHOTO WITH DUAL BATTERY CHARGER CRADLE

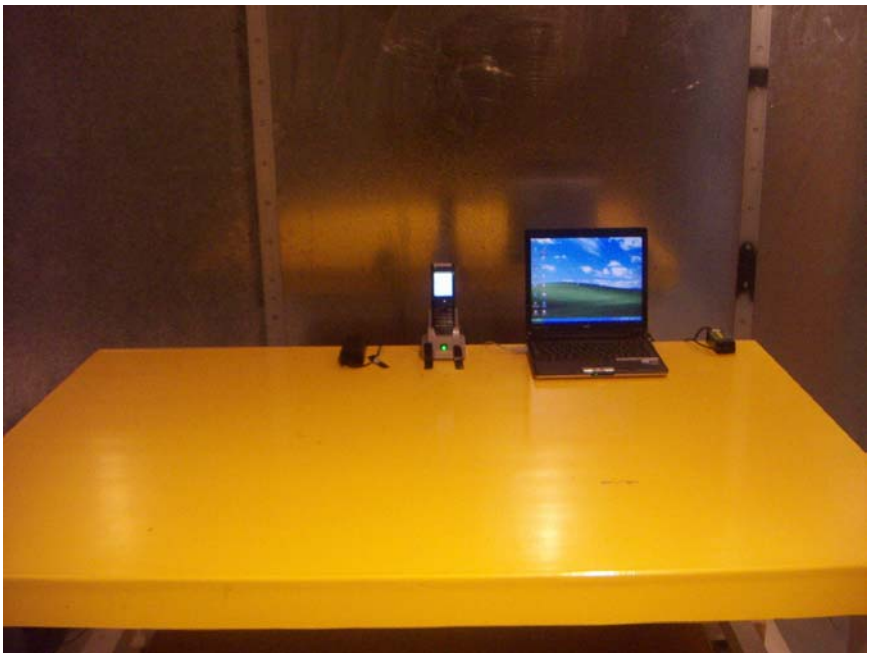


RADIATED BACK PHOTO WITH DUAL BATTERY CHARGER CRADLE



POWERLINE CONDUCTED EMISSIONS MEASUREMENT SETUP
CONFIG #2: EUT WITH USB CRADLE

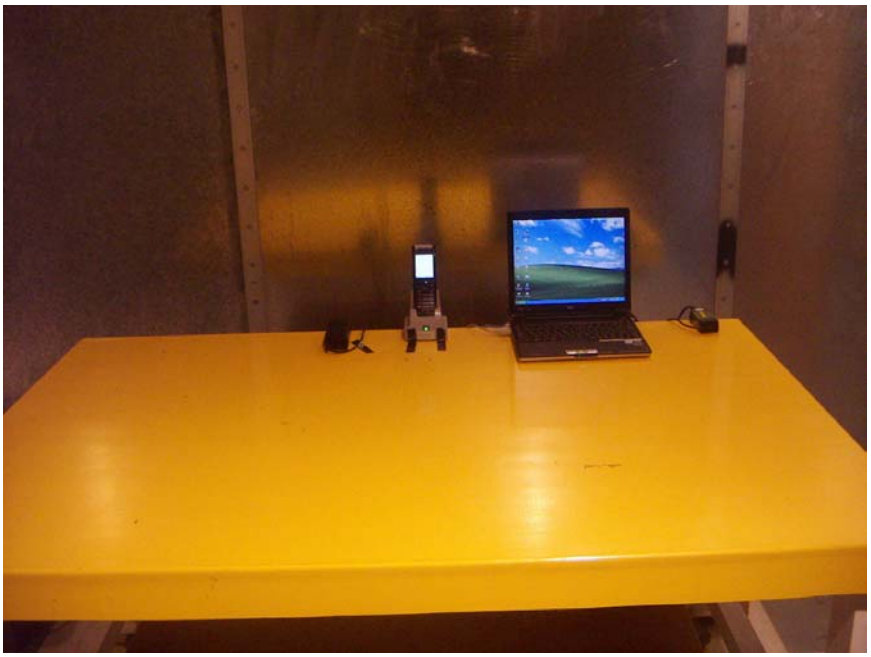
LINE CONDUCTED FRONT PHOTO WITH USB CRADLE



LINE CONDUCTED BACK PHOTO WITH USB CRADLE

CONFIG #3: EUT WITH ETHERNET CRADLE _ WORST-CASE

LINE CONDUCTED FRONT PHOTO WITH ETHERNET CRADLE



LINE CONDUCTED BACK PHOTO WITH ETHERNET CRADLE

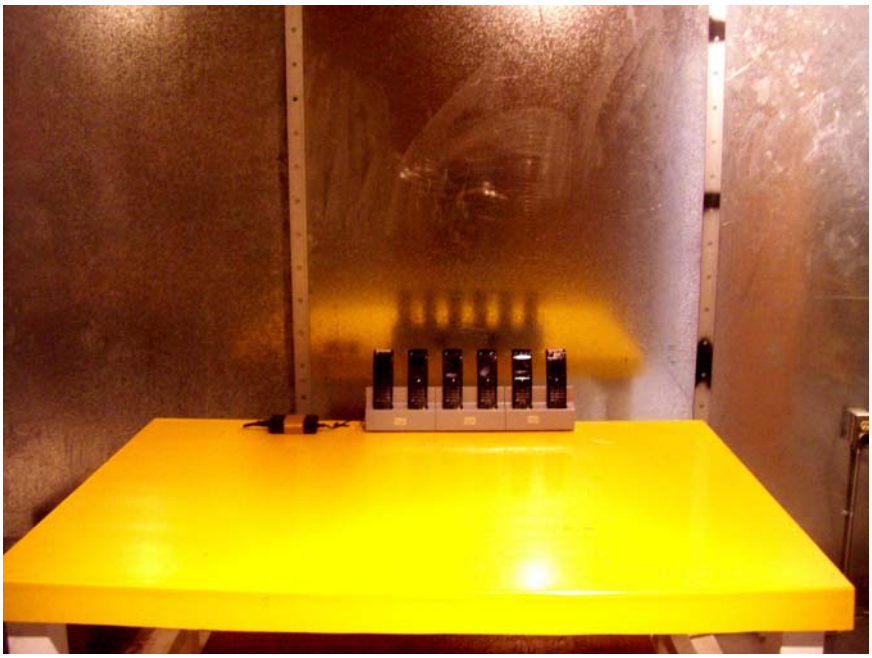
CONFIG #4: EUT WITH BATTERY CHARGER CRADLE

LINE CONDUCTED FRONT PHOTO WITH BATTERY CHARGER CRADLE

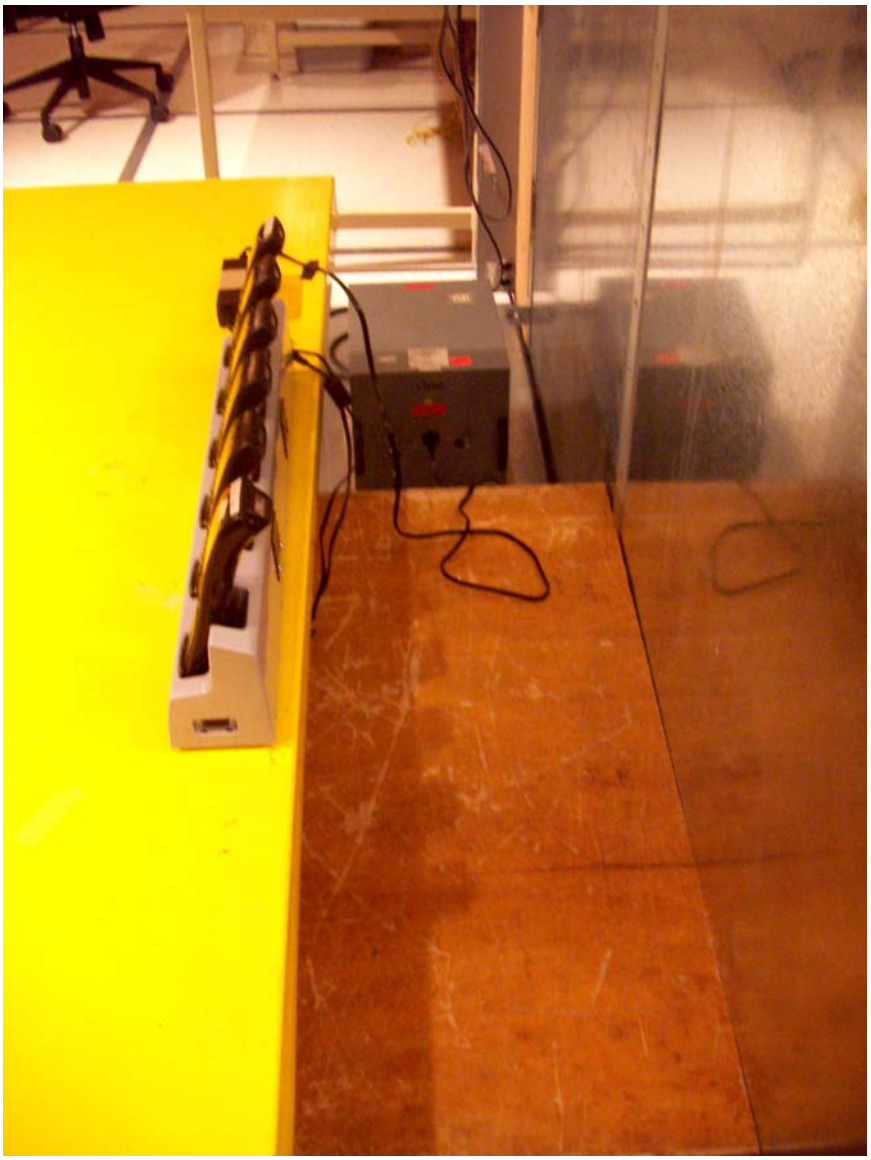
LINE CONDUCTED BACK PHOTO WITH BATTERY CHARGER CRADLE

CONFIG #5: EUT WITH DUAL BATTERY CHARGER CRADLE

LINE CONDUCTED FRONT PHOTO WITH DUAL BATTERY CHARGER CRADLE



LINE CONDUCTED BACK PHOTO WITH DUAL BATTERY CHARGER CRADLE



END OF REPORT