



A Test Lab Techno Corp.

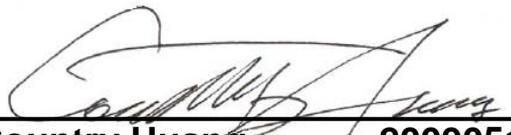
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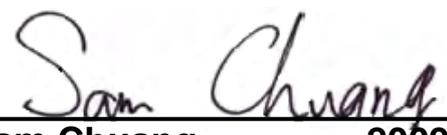
HAC EVALUATION REPORT



Test Report No.	: 0904FS11
Applicant	: HUAWEI Technologies Co., Ltd
Trade Name	: HUAWEI
Model Number	: HUAWEI M750
EUT Type	: CDMA 1X Digital Mobile Telephone
FCC ID	: QISM750
Dates of Test	: Apr. 06 ~ 07, 2009
Test Environment	: Ambient Temperature : 22 ± 2 °C Relative Humidity : 40 - 70 %
FCC Rule Part(s)	: FCC 47 CFR § 20.19.
HAC Standard	: ANSI C63.19-2007
C63.19 HAC Rated Category	: M4 (RF EMISSIONS)
Test Lab.	: Chang-An Lab

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
3. The measurement report has to be written approval of A Test Lab Techno Corp. It may only be reproduced or published in full.


Country Huang 20090515
Testing Center Manager


Sam Chuang 20090515
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1. Description of Equipment Under Test (EUT)

Applicant :

HUAWEI Technologies Co., Ltd
Bantian, Longgang District, Shenzhen 518129 P.R. China

Manufacturer : Huawei Technologies Co.,Ltd
Manufacturer Address : Bantian, Longgang District, Shenzhen 518129 P.R. China
EUT Type : CDMA 1X Digital Mobile Telephone
Trade Name : HUAWEI
Model Number : HUAWEI M750
FCC ID : QISM750
Max. Output Power : 0.298 W (24.74 dBm) (CDMA Cellular)
0.244 W (23.87 dBm) (CDMA PCS)
0.268 W (24.28 dBm) (CDMA AWS)
Tx Frequency : 824.70 - 848.31 MHz (CDMA Cellular)
1851.25 - 1908.75 MHz (CDMA PCS)
1711.25 - 1752.50 MHz (CDMA AWS)
HW Version : Ver.B
SW Version : NA
Antenna Gain : -2 dBi
Antenna Type : Internal Type
Battery Option : Standard
Model No.: HB5A2H (3.7V 1150mAh)
Test Device : Production Unit
Device Category : Portable

This wireless portable device has performed Hearing Aid Compatibility (HAC) measurements for the portable cellular phone. The measurements were performed to ensure compliance to the ANSI C63.19-2007 standards.



2. Introduction

The A Test Lab Techno Corp. has performed measurements of the maximum potential exposure to the user of **HUAWEI Technologies Co., Ltd Trade Name: HUAWEI Model(s) : HUAWEI M750**. The test procedures, as described in ANSI C63.19-2007 standard were employed. A description of the product and operating configuration, detailed summary of the test results, methodology and procedures used in the equipment are included within this test report.



3. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	Dosimetric E-Filed Probe	ER3DV6	2302	May. 19, 2008	May. 19, 2009
SPEAG	Dosimetric H-Filed Probe	H3DV6	6187	May. 19, 2008	May. 19, 2009
SPEAG	835 MHz System Validation Kit	CD835V3	1017	Jul. 16, 2008	Jul. 16, 2009
SPEAG	1880 MHz System Validation Kit	CD1880V3	1036	Jul. 16, 2008	Jul. 16, 2009
SPEAG	Data Acquisition Electronics	DAE4	779	Nov. 11, 2008	Nov. 11, 2009
SPEAG	Device Holder	N/A	N/A	NCR	
SPEAG	Phantom	SAM V4.0	TP-1150	NCR	
SPEAG	Robot	Staubli TX90XL	F07/564ZA1/C/01	NCR	
SPEAG	Software	DASY5 V5.0 Build 91	N/A	NCR	
SPEAG	Software	SEMCAD X V12.4 Build 52	N/A	NCR	
SPEAG	Measurement Server	SE UMS 011 AA	1025	NCR	
R&S	Universal Radio Communication Tester	CMU200	112387	Oct. 31, 2008	Oct. 31, 2009
Agilent	Spectrum Analyzer(ESA-L)	E4408B	MY45107753	Jun. 05, 2008	Jun. 05, 2009
R&S	Spectrum Analyzer(FSL)	FSL6	100410	Mar. 20, 2009	Mar. 20, 2010
Agilent	Signal Generator	E8257D	MY44320425	Jul. 03, 2008	Jul. 03, 2009
R&S	Power Sensor	NRP-Z22	100179	May. 03, 2008	May. 03, 2009
Agilent	Dual Directional Coupler	778D	50334	NCR	
Mini-Circuits	Power Amplifier	ZVE-8G	D042005 671800514	NCR	
Mini-Circuits	Power Amplifier	ZHL-42W-SMA	D111103#5	NCR	

Table 1. Test Equipment List



4. Validation

Validations of the DASY5 v5.0 test system were performed using the measurement equipment listed in Section 3. All validations occur in free space using the DASY5 test arch. Note that the 10mm probe to dipole separation is measured from the top edge of the dipole to the calibration reference point of the probe. SPEAG uses the center point of the probe sensor(s) as the reference point when establishing targets for their dipoles. Therefore, because SPEAG's dipoles and targets are used, it is appropriate to measure the 10mm separation distance to the center of the sensors as they do. This reference point was used for validation only. Validations were performed at 835 MHz and/or 1880 MHz. These frequencies are within each operating band and are within 2MHz of the mid-band frequency of the test device.

Validations were performed to verify that measured E-field and H-field values are within +/- 25% from the target reference values provided by the manufacturer (Ref: Appendix D). Per Section 4.3.2.1 table 4.2 of the standard, "Values within +/-25% are acceptable, of which 12% is deviation and 13% is measurement uncertainty." Therefore, the E-Field and H-Field dipole verification results, shown in Table 2 & 3, are in accordance with the acceptable parameters defined by the standard.

Dipole	Freq. (MHz)	Protocol	Input Power (mW)	Target for Dipole (V/m)	E-Field Results (V/m)	Deviation	Date
SN:1017	835	CW	100	165.3	185.5	12.2%	Apr. 06, 2009
SN:1036	1880	CW	100	141.8	140.7	-0.8%	Apr. 06, 2009

Table 2. Dipole E-Field Measurement Summary

Dipole	Freq. (MHz)	Protocol	Input Power (mW)	Target for Dipole (A/m)	H-Field Results (A/m)	Deviation	Date
SN:1017	835	CW	100	0.443	0.471	6.3%	Apr. 06, 2009
SN:1036	1880	CW	100	0.466	0.449	-3.6%	Apr. 06, 2009

Table 3. Dipole H-Field Measurement Summary

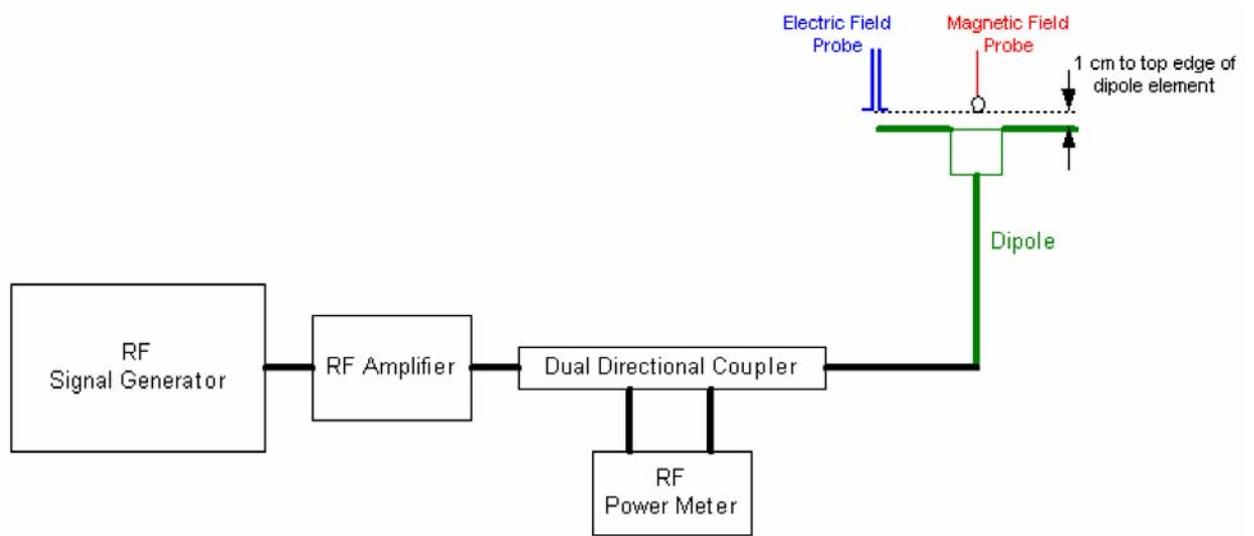


Figure 1. WD dipole calibration procedure

5. Probe Modulation Factor

After every probe calibration, the response of the probe to each applicable modulated signal (CDMA, GSM, WCDMA (UMTS), etc) must be assessed at both 835 MHz, 1880 MHz. The response of the probe system to a CW field at the frequency(s) of interest is compared to its response to a modulated signal with equal peak amplitude. For each PMF assessment, a Signal Generator was used to replace the original CW signal with the desired modulated signal. The PMF results are shown in Table 4. RF Field Probe Modulation Response was measured with the field probe and associated measurement equipment. The PMF was measured per ANSI C63.19-2007 using a signal generator as follows:

1. Illuminate a dipole with a CW signal at the intended measured frequency.
2. Fix the probe at a set location relative to the dipole; typically located at the field reference point.
3. Record the reading of the probe measurement system of the CW signal.
4. Substitute a modulated signal of the same amplitude, using the same modulation as that used by the intended WD for the CW signal.
5. Record the reading of the probe measurement system of the modulated signal.
6. The ratio of the CW to modulated signal reading is the probe modulation factor.
7. Spectrum analyzer settings:
 - Center Frequency: nominal center frequency of channel
 - Span: zero
 - Resolution bandwidth \geq emission bandwidth
 - Video bandwidth \geq 20 kHz.
 - Detection: RMS detection.
 - Trigger: Video or IF trigger, adjusted to give a stable display of the transmission.
 - Sweep rate: Set to show a complete transmission cycle.
 - Line max hold may be used temporarily to ease the peak reading.

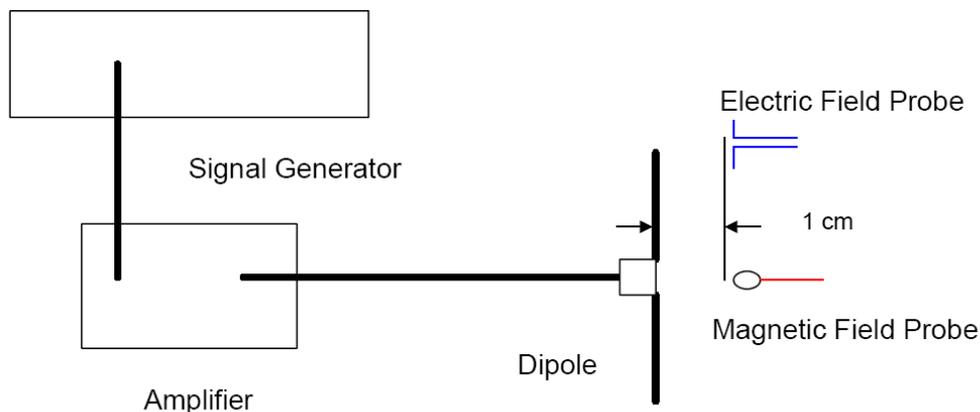


Figure 2. Dipole calibration procedure



Formula between PMF and test results

1. HAC test of device and determine the maximum value (M) of grids.
2. Determine the value (P) of PMF according to (M).
3. Find the maximum value (F) from the other data.

$$R = P * F$$

Example:

E-Field Maximum value (M) = 52, Maximum value (F) = 51.8, PMF (P) = 2.82

R = 51.8 * 2.82 = 146.076 V/m

Frequency (MHz)	Protocol	E-Field Probe SN:2302		H-Field Probe SN:6187	
		E-Field (V/m)	E-Field Modulation Factor	H-Field (A/m)	H-Field Modulation Factor
<960MHz	CDMA	< 47	1.13	< 0.14	0.98
		47 - 63	1.10	0.14 - 0.19	0.99
		63 - 84	1.07	0.19 - 0.25	1.00
		84 - 112	1.04	0.25 - 0.34	0.98
		112 - 150	1.01	0.34 - 0.45	0.95
		150 - 200	0.98	0.45 - 0.60	0.91
		200- 266	0.96	0.60 - 0.80	0.85
		266 - 355	0.93	0.80 - 1.07	0.79
		355 - 473	0.90	1.07 - 1.43	0.72
		473 - 631	0.88	1.43 - 1.91	0.64
		631 - 841	0.85	1.91 - 2.54	0.57
841 - 1122	0.83	2.54 - 3.39	0.49		
>960MHz	CDMA	< 47	1.01	< 0.14	0.97
		47 - 63	1.01	0.14 - 0.19	0.95
		63 - 84	1.00	0.19 - 0.25	0.91
		84 - 112	0.99	0.25 - 0.34	0.86
		112 - 150	0.98	0.34 - 0.45	0.80
		150 - 200	0.97	0.45 - 0.60	0.73
		200- 266	0.96	0.60 - 0.80	0.66
		266 - 355	0.95	0.80 - 1.07	0.58
		355 - 473	0.94	1.07 - 1.43	0.51
		473 - 631	0.94	1.43 - 1.91	0.43
		631 - 841	0.93	1.91 - 2.54	0.36
841 - 1122	0.92	2.54 - 3.39	0.30		

Table 4. PMF Measurement Summary

Note: PMF measurements were verified at WD's power as an input to the dipole.



6. Test Results

The phone was tested in all normal configurations for the ear use. A DUT is mounted in the device holder equivalent as for classic dosimeter measurements. The acoustic output of the DUT shall coincide with the center point of the area formed by the dielectric wire and the middle bar of the arch's top frame. The DUT shall be moved vertically upwards until it touches the frame. The fine adjustment is possible by sliding the complete DUT holder on the yellow base plate of the Test Arch phantom. These test configurations are tested at the high, middle and low frequency channels of each applicable operating mode; for example, GSM, WCDMA (UMTS), CDMA and TDMA.

CDMA Devices setup for HAC Measurement.

The signal was setup by creating and maintaining an over the coaxial connection between the DUT and an R&S CMU200 Wireless Communications Test Set. The CDMA radio is available on CDMA 2000(1X) and IS-95. The test equipment was configured to use "all up bits" for RC1 / SO2 on J-STD-008 for CDMA 1900 and TSB-84 for CDMA 800 MHz. The Wideband and Zero Span spectrum analyzer plots are shown in Appendix A.

The DASY5 v5.0 measurement system specified in section 3.1 was utilized within the intended operations as set by the SPEAG™ setup. The default settings for the grid spacing of the scan were set to 5mm as shown in the Field plots included in Appendix B and C. The 5cm x 5cm area measurement grid is centered on the acoustic output of the device. The Test Arch provided by SPEAG is used to position the DUT. The WD reference plane is parallel to the device and contains the highest point on its contour in the area of the phone that normally rests against the user's ear. The measurement plane contains the nearest point on the probe sensor(s) relative to the WD. The pictures of the setup are included in 6.3.3.

WCDMA Devices setup for HAC Measurement.

The following procedures are applicable to WCDMA handsets operating under 3GPP Release 99 and Release 5. The default test configuration is to measure HAC with an established radio link between the DUT and a communication test set using a 12.2 kbps RMC (reference measurement channel) configured in Test Loop Mode 1. HAC is selectively confirmed for other physical channel configurations (DPCCH & DPDCH_n) according to output power, exposure conditions and device operating capabilities. Both uplink and downlink should be configured with the same RMC or AMR, when required. Maximum output power is verified according to 3GPP TS 34.121 and HAC must be measured according to these maximum output conditions.

HSDPA Devices setup for HAC Measurement.

Body HAC is not required for handsets with HSDPA capabilities when the maximum average output of each RF channel with HSDPA active is less than ¼ dB higher than that measured without HSDPA using 12.2 kbps RMC. Otherwise, HAC is measured for HSDPA, using FRC, with the body exposure configuration that results in the highest HAC in 12.2 RMC for that RF channel.



The device is positioned such that the WD reference plane is located 10mm from, and parallel to, the measurement plane. This is in accordance with section 4.3 of the standard, which states that “The WD reference plane is a plane parallel with the front "face" of the WD and containing the highest point on its contour in the area of the phone that normally rests against the user's ear.”

The following figure shows the position of the measurement grid with respect to a typical device under test.

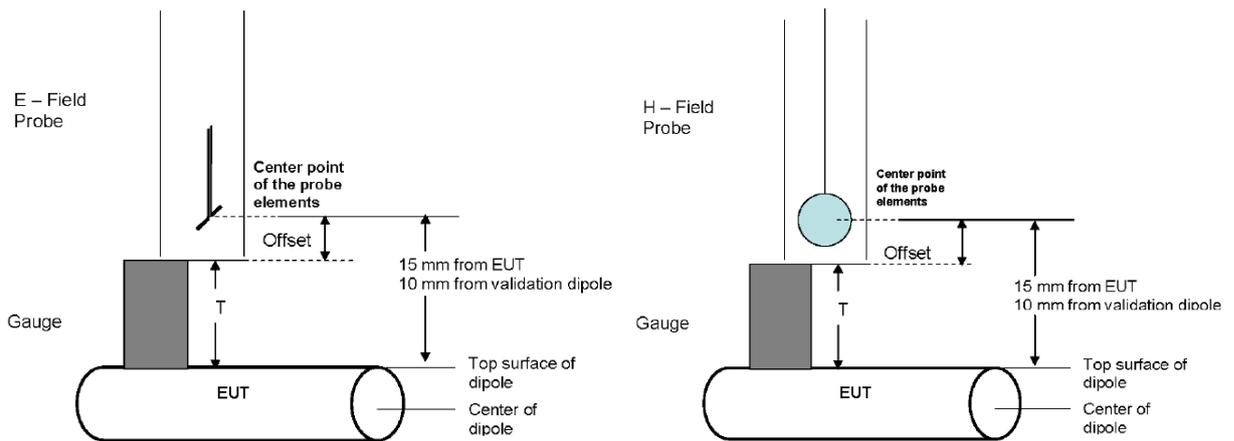


Figure 3. Clarification of Figure A.3 & A.4 from the Standard

The HAC Rating results for E-Field and H-field are shown in 6.1 and 6.2. Also shown are the measured conducted output powers, the measured drifts, excluded areas, and the peak fields. PMF measurements are taken from Section 5. The worst-case test conditions are indicated with bold numbers in the tables and are detailed in Appendix C: HAC distribution plots for E-Field and H-Field.

Drift was measured using the typical DASY5 v5.0 measurement routines. The field is measured at the reference location (center of the ear piece) at the beginning of the test. Then after completion of the E or H field measurement, the probe returns to the same reference location and takes another measurement. The drift is the delta between these two values and is included in the test report scans.

The cellular phone model covered by this report has the following battery options:

Battery : HB5A2H (3.7V 1150mAh)



6.1 HAC E-Field measurement results:

Band	Rating	E-Field
CDMA Cellular	M3	199.5 to 354.8 V/m
	M4	< 199.5 V/m
CDMA PCS	M3	63.1 to 112.2 V/m
	M4	< 63.1 V/m
CDMA AWS	M3	63.1 to 112.2 V/m
	M4	< 63.1 V/m

Table 5. Emissions Limits

Band	Channel	Conducted Power (dBm)	Measured PMF	Drift (dB)	Excluded Cells	Peak Field (V/m)	Rating
CDMA Cellular	1013	24.31	1.13	0.185	2.3.6	29.3	M4
	384	24.74	1.13	0.139	6.8.9	30.1	M4
	777	24.69	1.13	0.059	6.8.9	34.7	M4
CDMA PCS	25	23.87	1.01	0.032	6.8.9	40.2	M4
	600	23.85	1.01	-0.176	6.8.9	41.0	M4
	1175	23.49	1.01	-0.118	6.8.9	33.9	M4
CDMA AWS	25	23.75	1.01	-0.139	7.8.9	43.0	M4
	450	23.90	1.01	0.013	7.8.9	46.5	M4
	850	24.28	1.01	0.122	7.8.9	45.3	M4

Note:

1. HAC E-Field measurement results for the portable cellular telephone at highest possible output power.



6.2 HAC H-Field measurement results:

Band	Rating	H-Field
CDMA Cellular	M3	0.60 to 1.07 A/m
	M4	< 0.60 A/m
CDMA PCS	M3	0.19 to 0.34 A/m
	M4	< 0.19 A/m
CDMA AWS	M3	0.19 to 0.34 A/m
	M4	< 0.19 A/m

Table 6. Emissions Limits

Band	Channel	Conducted Power (dBm)	Measured PMF	Drift (dB)	Excluded Cells	Peak Field (A/m)	Rating
CDMA Cellular	1013	24.31	0.98	-0.151	1.4.7	0.096	M4
	384	24.74	0.99	0.027	1.4.7	0.100	M4
	777	24.69	0.99	0.147	1.4.7	0.117	M4
CDMA PCS	25	23.87	0.97	-0.069	4.7.8	0.092	M4
	600	23.85	0.97	-0.168	4.7.8	0.096	M4
	1175	23.49	0.97	-0.111	4.7.8	0.084	M4
CDMA AWS	25	23.75	0.97	-0.100	4.7.8	0.110	M4
	450	23.90	0.97	-0.112	4.7.8	0.104	M4
	850	24.28	0.97	0.176	4.7.8	0.107	M4

Note:

1. HAC H-Field measurement results for the portable cellular telephone at highest possible output power.

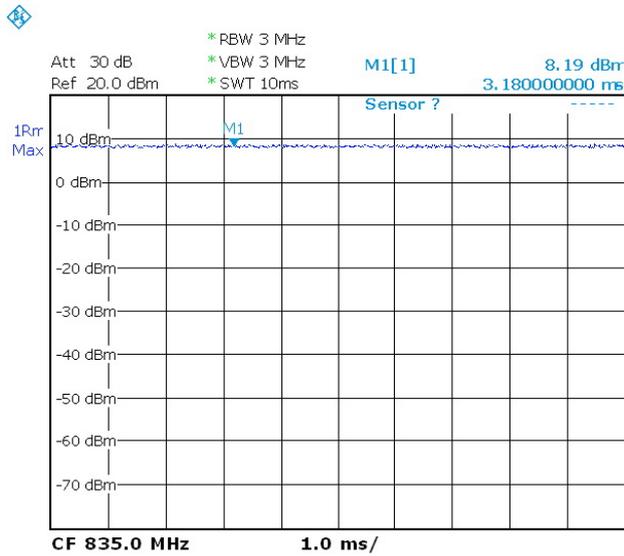
6.3 Description of the Device under Test (DUT)

Modes and Bands of Operation	CDMA Cellular	CDMA PCS	CDMA AWS
Modulation Mode	QPSK	QPSK	QPSK
Duty Cycle	1/1	1/1	1/1
Transmitter Frequency Range (MHz)	824.7 - 848.3	1851.2 -1908.8	1711.25-1752.5

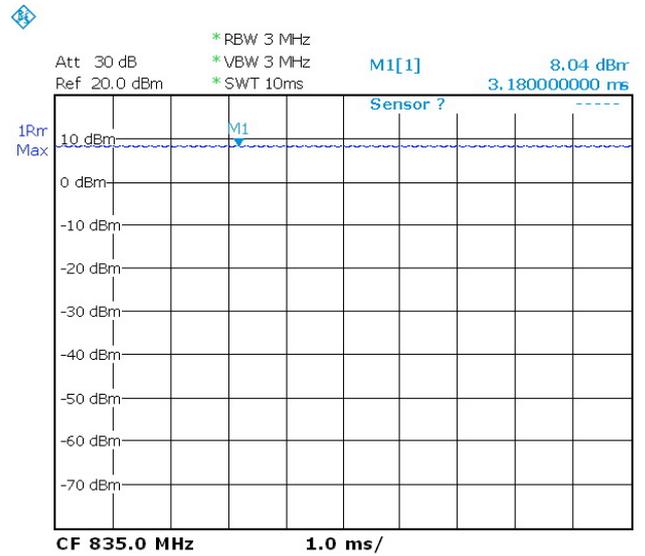


Appendix A - Details of WD signal

CDMA 835 MHz

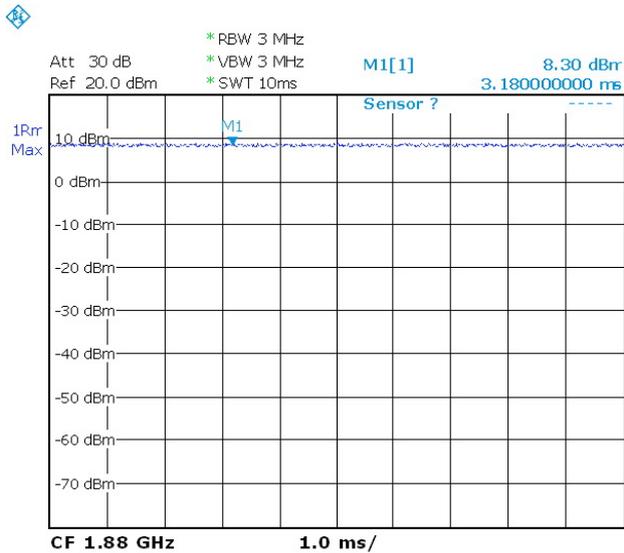


CDMA Signal

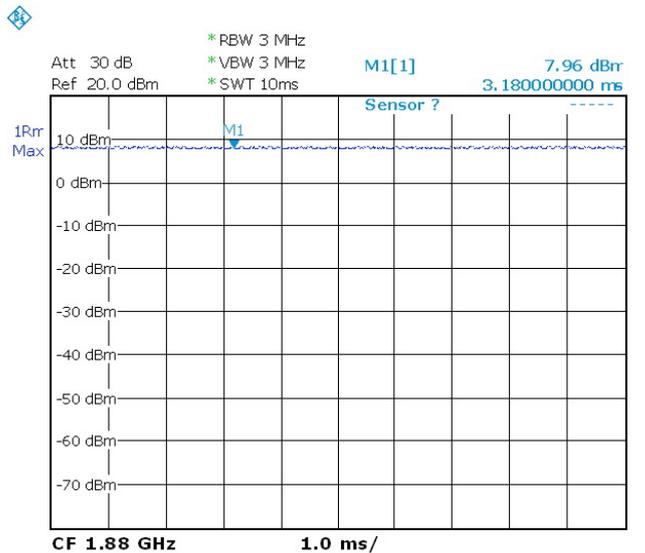


GW Signal

CDMA 1880 MHz



CDMA Signal



GW Signal



Appendix B - Validation

See following Attached Pages for HAC distribution plots for E-Field and H-Field.



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/6/2009 11:26:48 PM

HAC_System Performance Check at 835MHz_20090406_E

DUT: Dipole 835 MHz; Type: CD835V3; Serial: CD835V3 - SN:1017

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section

Measurement Standard: DASYS5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 185.5 V/m

Probe Modulation Factor = 1

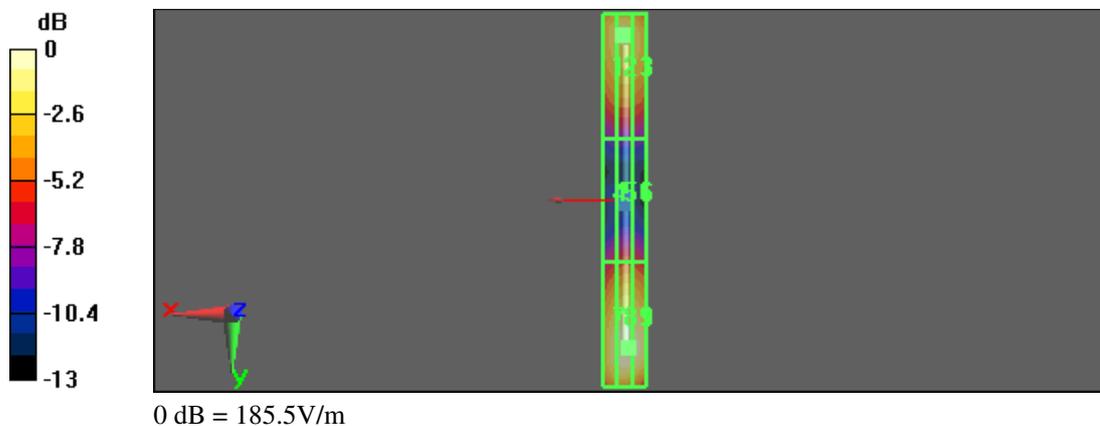
Device Reference Point: 0, 0, 354.7 mm

Reference Value = 138.2 V/m; Power Drift = 0.027 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 153.4 M4	Grid 2 157.1 M4	Grid 3 152.3 M4
Grid 4 94.5 M4	Grid 5 99.8 M4	Grid 6 98.1 M4
Grid 7 171.8 M4	Grid 8 185.5 M4	Grid 9 183.0 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 1:51:37 AM

HAC_System Performance Check at 835MHz_20090406_H

DUT: Dipole 835 MHz; Type: CD835V3; Serial: CD835V3 - SN:1017

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Dipole Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to CD835

Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.471 A/m

Probe Modulation Factor = 1

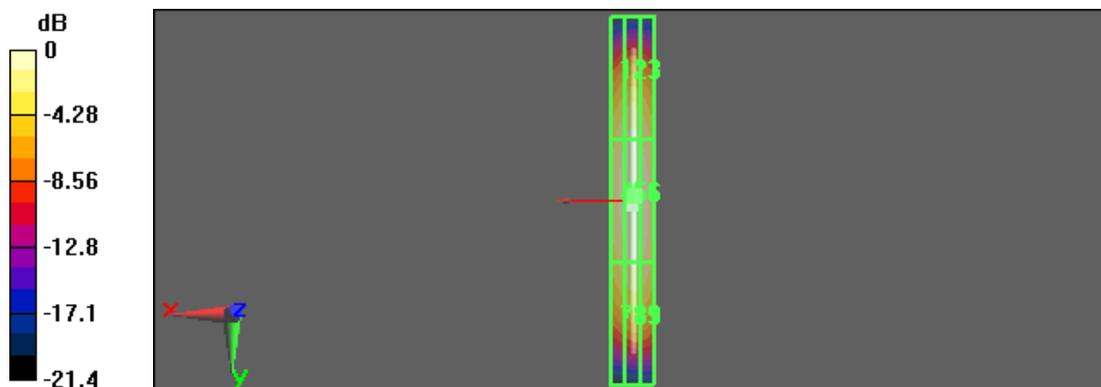
Device Reference Point: 0, 0, 354.7 mm

Reference Value = 0.504 A/m; Power Drift = -0.095 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.399 M4	0.424 M4	0.406 M4
Grid 4	Grid 5	Grid 6
0.441 M4	0.471 M4	0.457 M4
Grid 7	Grid 8	Grid 9
0.378 M4	0.411 M4	0.402 M4



0 dB = 0.471A/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/6/2009 23:41:29 PM

HAC_System Performance Check at 1880MHz_20080406_E

DUT: Dipole 1880 MHz; Type: CD1880V3; Serial: CD1880V3 - SN:1036

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Dipole Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 140.7 V/m

Probe Modulation Factor = 1

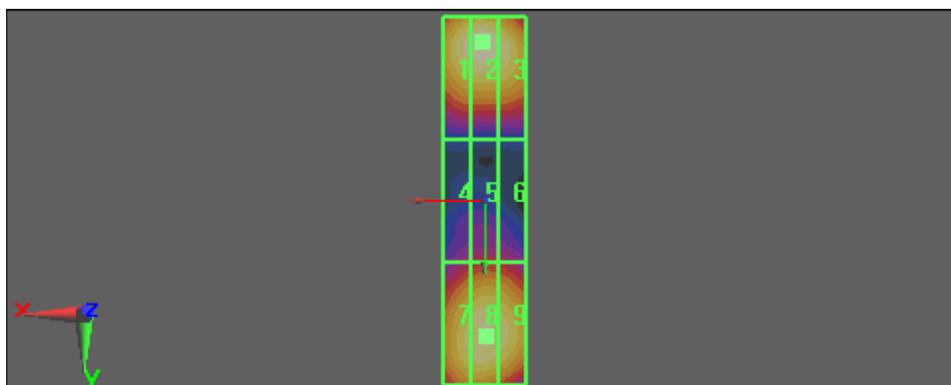
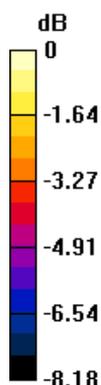
Device Reference Point: 0, 0, 354.7 mm

Reference Value = 138.7 V/m; Power Drift = -0.024 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1 136.8 M2	Grid 2 140.7 M2	Grid 3 134.2 M2
Grid 4 85.7 M3	Grid 5 90.3 M3	Grid 6 88.4 M3
Grid 7 128.2 M2	Grid 8 133.8 M2	Grid 9 130.5 M2





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 1:45:39 AM

HAC_System Performance Check at 1880MHz_20090406_H

DUT: Dipole 1880 MHz; Type: CD1880V3; Serial: CD1880V3 - SN:1036

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Dipole Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.449 A/m

Probe Modulation Factor = 1

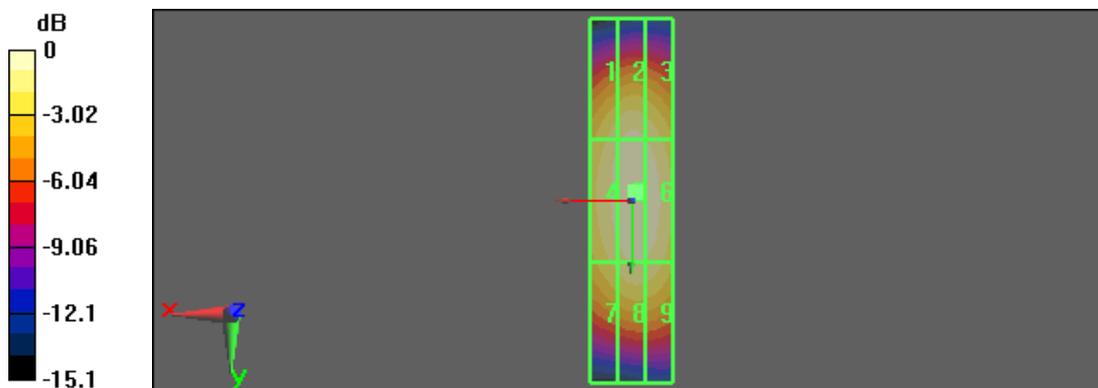
Device Reference Point: 0, 0, 354.7 mm

Reference Value = 0.476 A/m; Power Drift = -0.033 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.388 M2	Grid 2 0.417 M2	Grid 3 0.402 M2
Grid 4 0.419 M2	Grid 5 0.449 M2	Grid 6 0.438 M2
Grid 7 0.374 M2	Grid 8 0.403 M2	Grid 9 0.395 M2



0 dB = 0.449A/m



Appendix C - HAC distribution plots for E-Field and H-Field

See following Attached Pages for HAC distribution plots for E-Field and H-Field



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 12:04:00 AM

HAC_CDMA Cell CH1013_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA Cellular ; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 29.3 V/m

Probe Modulation Factor = 1.13

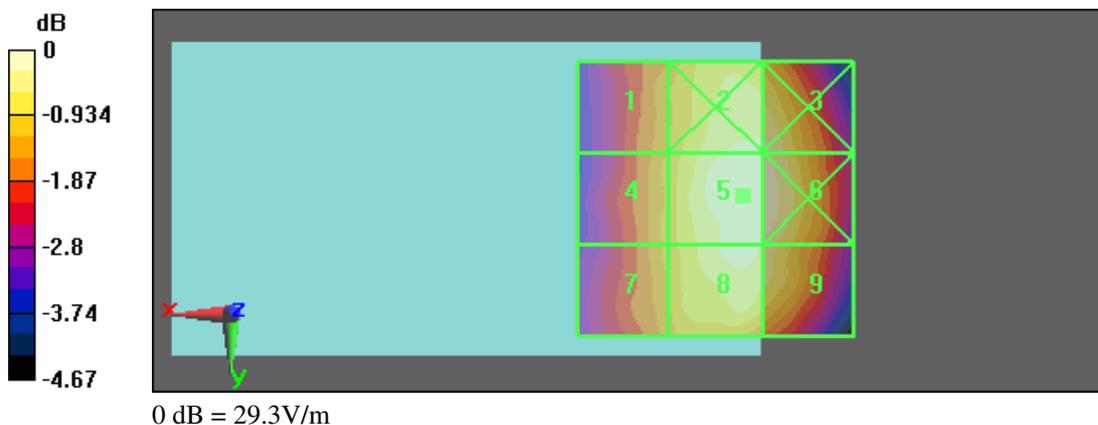
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 31.6 V/m; Power Drift = 0.185 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
25.5 M4	28.6 M4	28.6 M4
Grid 4	Grid 5	Grid 6
25.9 M4	29.3 M4	29 M4
Grid 7	Grid 8	Grid 9
25.8 M4	28.8 M4	28.1 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 12:10:47 AM

HAC_CDMA Cell CH384_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 30.1 V/m

Probe Modulation Factor = 1.13

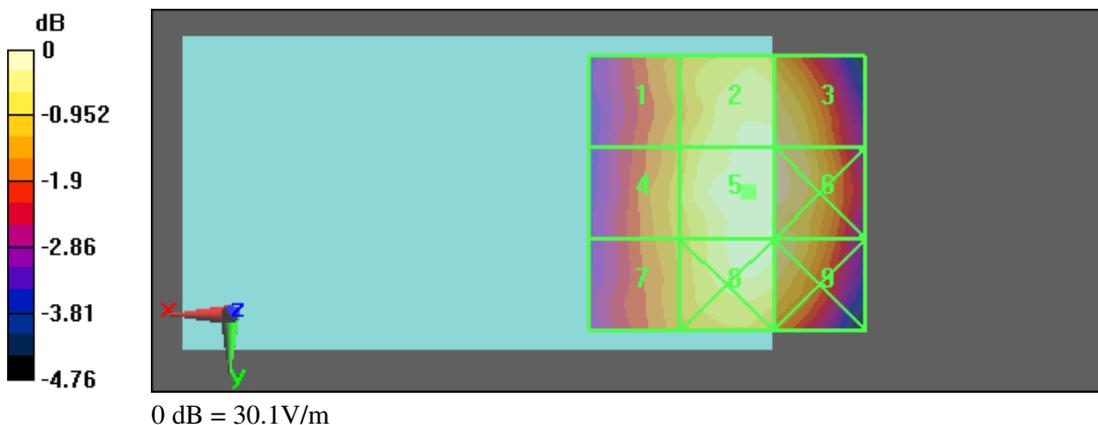
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 32.9 V/m; Power Drift = 0.139 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
26.3 M4	29.6 M4	29.3 M4
Grid 4	Grid 5	Grid 6
26.8 M4	30.1 M4	29.7 M4
Grid 7	Grid 8	Grid 9
26.4 M4	29.8 M4	29.3 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 12:16:38 AM

HAC_CDMA Cell CH777_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA Cellular ; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 34.7 V/m

Probe Modulation Factor = 1.13

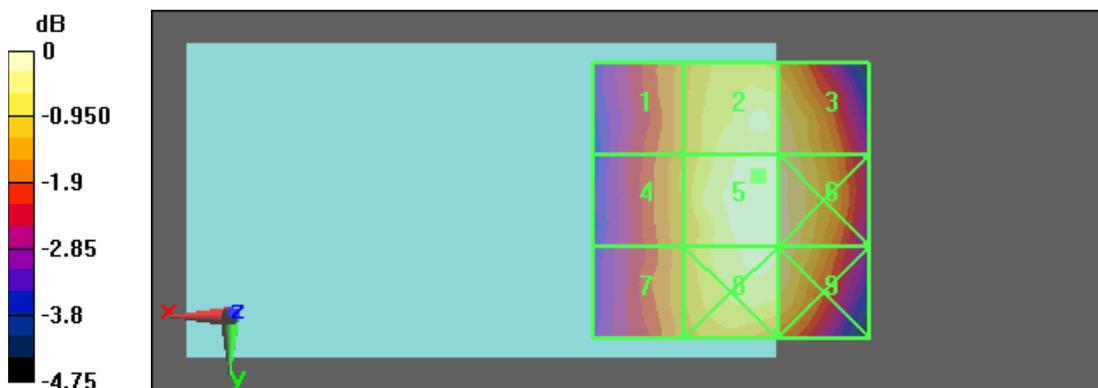
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 37.6 V/m; Power Drift = 0.059 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
29.8 M4	33.9 M4	33.4 M4
Grid 4	Grid 5	Grid 6
30.3 M4	34.7 M4	34.1 M4
Grid 7	Grid 8	Grid 9
30 M4	34.3 M4	33.6 M4



0 dB = 34.7V/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 1:10:37 AM

HAC_CDMA PCS CH25_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA PCS ; Frequency: 1851.25 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section
 Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 40.2 V/m

Probe Modulation Factor = 1.01

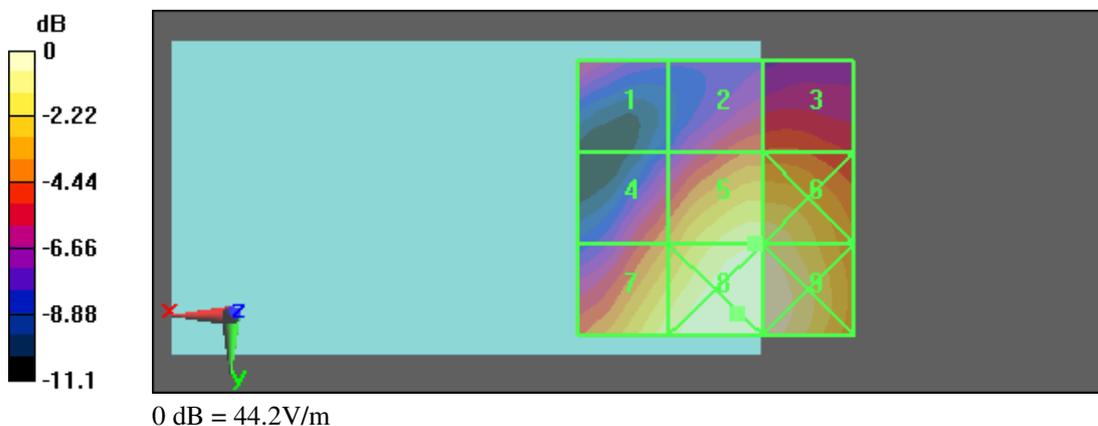
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 38.7 V/m; Power Drift = 0.032 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 23.2 M4	Grid 2 26.8 M4	Grid 3 27 M4
Grid 4 29.5 M4	Grid 5 40.2 M4	Grid 6 40.1 M4
Grid 7 39.2 M4	Grid 8 44.2 M4	Grid 9 43.1 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 1:21:21 AM

HAC_CDMA PCS CH600_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 41 V/m

Probe Modulation Factor = 1.01

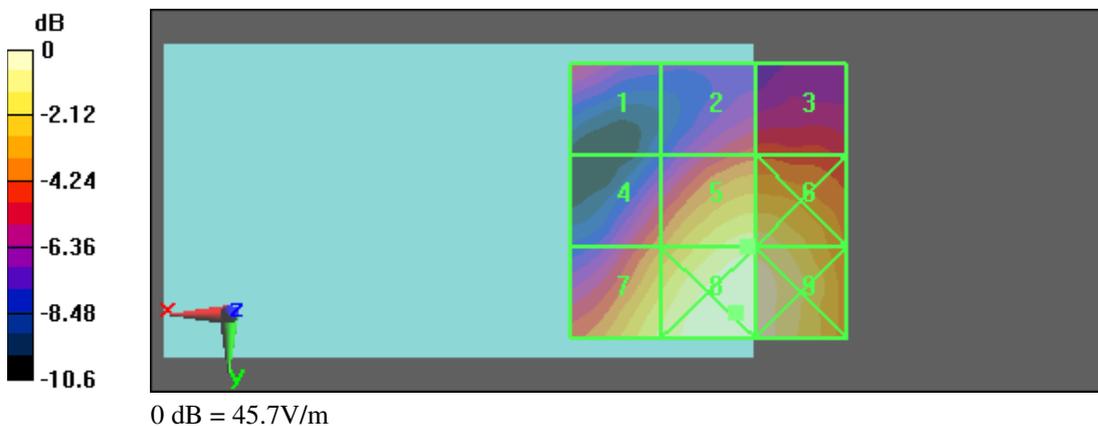
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 38.8 V/m; Power Drift = -0.176 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 25.2 M4	Grid 2 27.2 M4	Grid 3 27.5 M4
Grid 4 30.1 M4	Grid 5 41 M4	Grid 6 40.9 M4
Grid 7 39.8 M4	Grid 8 45.7 M4	Grid 9 44.3 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 1:27:29 AM

HAC_CDMA PCS CH1175_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 33.9 V/m

Probe Modulation Factor = 1.01

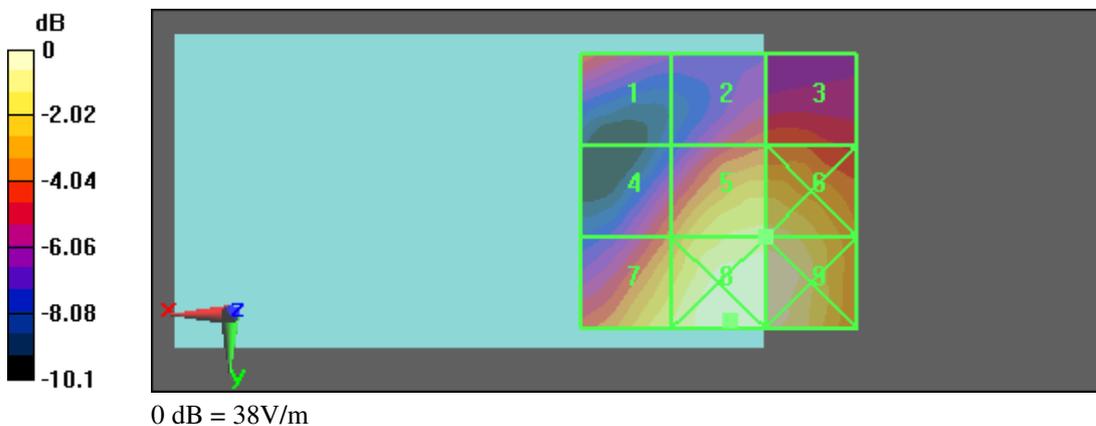
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 33.7 V/m; Power Drift = -0.118 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 23.9 M4	Grid 2 23.6 M4	Grid 3 23.9 M4
Grid 4 25.1 M4	Grid 5 33.9 M4	Grid 6 33.9 M4
Grid 7 33.2 M4	Grid 8 38 M4	Grid 9 37.5 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:39:09 AM

HAC_CDMA AWS CH25_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA AWS; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 43 V/m

Probe Modulation Factor = 1.01

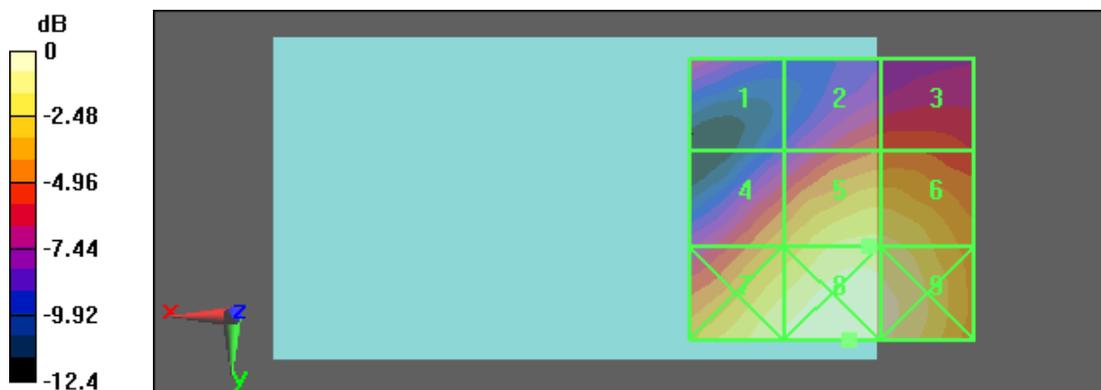
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 42.5 V/m; Power Drift = -0.139 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.6 M4	28.4 M4	28.7 M4
Grid 4	Grid 5	Grid 6
34.5 M4	43 M4	42.8 M4
Grid 7	Grid 8	Grid 9
46.9 M4	50.2 M4	47.6 M4



0 dB = 50.2V/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:45:43 AM

HAC_CDMA AWS CH450_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA AWS; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 46.5 V/m

Probe Modulation Factor = 1.01

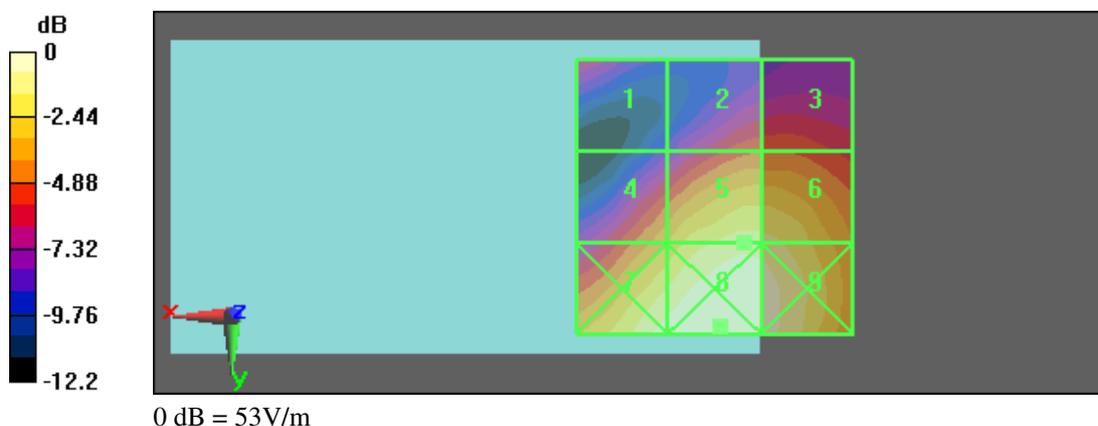
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 45.5 V/m; Power Drift = 0.013 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
25.6 M4	29.8 M4	29.9 M4
Grid 4	Grid 5	Grid 6
36.6 M4	46.5 M4	46.1 M4
Grid 7	Grid 8	Grid 9
50.6 M4	53 M4	50.7 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:58:41 AM

HAC_CDMA AWS CH850_E

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA AWS; Frequency: 1752.5 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Phantom section: E Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: ER3DV6 - SN2302; ConvF(1, 1, 1); Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 45.3 V/m

Probe Modulation Factor = 1.01

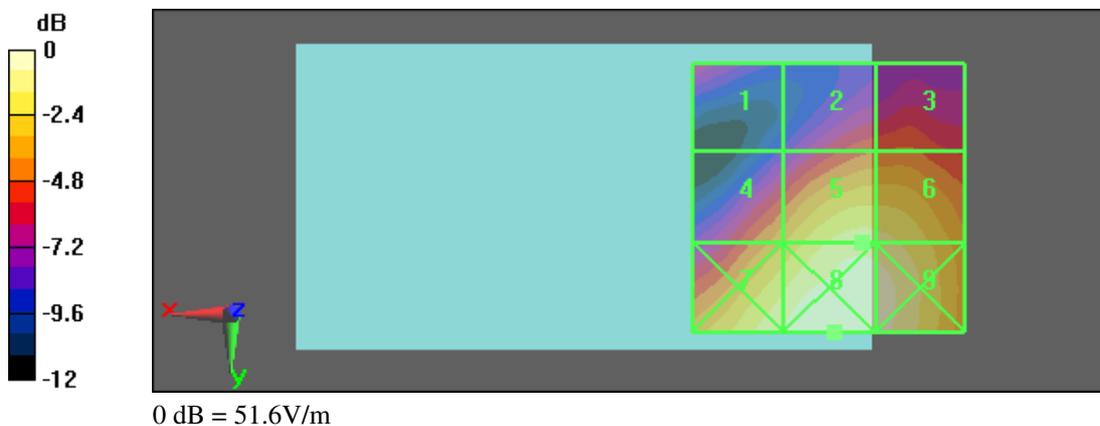
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 43.8 V/m; Power Drift = 0.122 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
25.3 M4	29.6 M4	30.5 M4
Grid 4	Grid 5	Grid 6
35.4 M4	45.3 M4	44.9 M4
Grid 7	Grid 8	Grid 9
47.6 M4	51.6 M4	50 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:00:51 AM

HAC_CDMA Cell CH1013_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA Cellular ; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.096 A/m

Probe Modulation Factor = 0.980

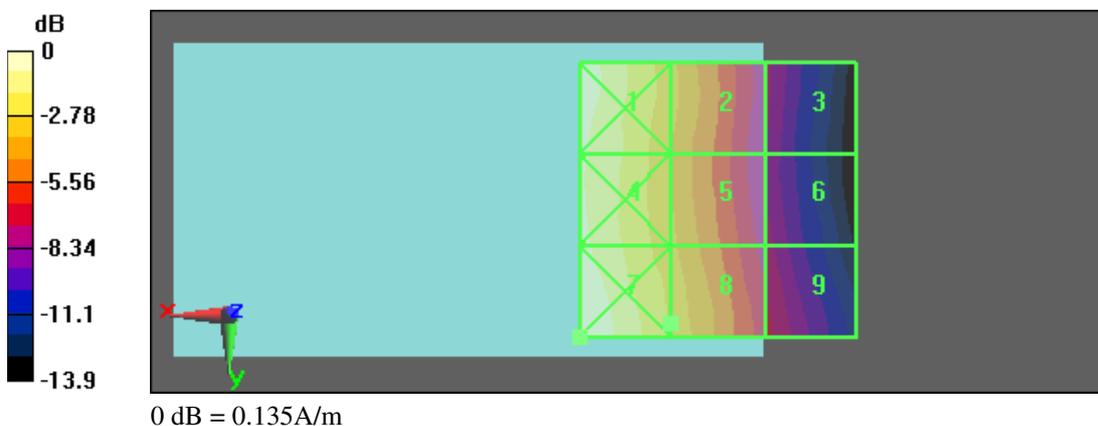
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.074 A/m; Power Drift = -0.151 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.131 M4	Grid 2 0.092 M4	Grid 3 0.054 M4
Grid 4 0.125 M4	Grid 5 0.091 M4	Grid 6 0.055 M4
Grid 7 0.135 M4	Grid 8 0.096 M4	Grid 9 0.060 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:07:04 AM

HAC_CDMA Cell CH384_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.100 A/m

Probe Modulation Factor = 0.990

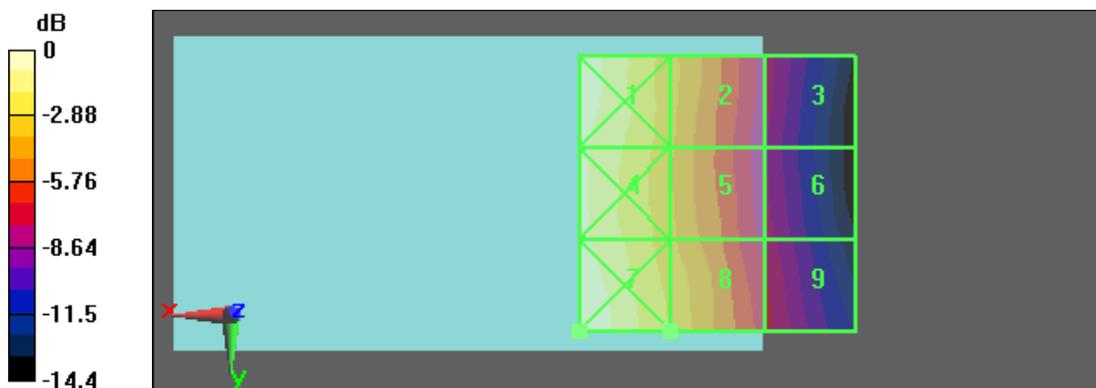
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.074 A/m; Power Drift = 0.027 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.136 M4	Grid 2 0.094 M4	Grid 3 0.055 M4
Grid 4 0.131 M4	Grid 5 0.093 M4	Grid 6 0.056 M4
Grid 7 0.140 M4	Grid 8 0.100 M4	Grid 9 0.061 M4



0 dB = 0.140A/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:12:54 AM

HAC_CDMA Cell CH777_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA Cellular ; Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.117 A/m

Probe Modulation Factor = 0.990

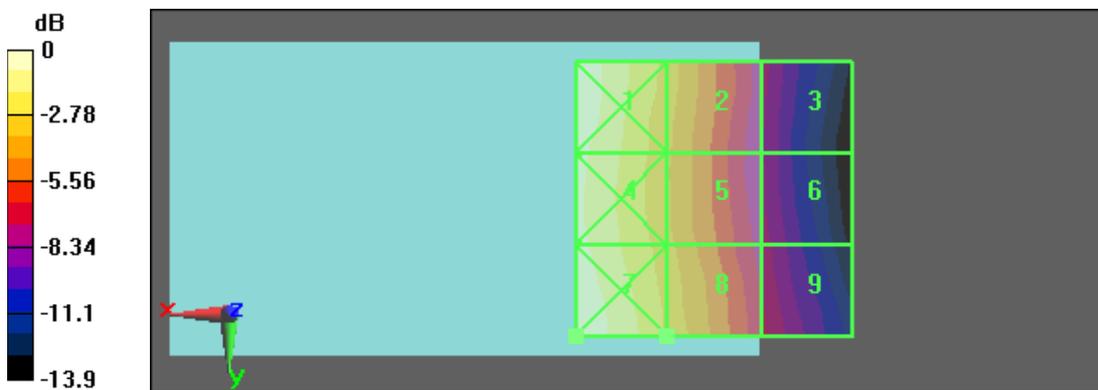
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.087 A/m; Power Drift = 0.147 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.159 M4	Grid 2 0.114 M4	Grid 3 0.066 M4
Grid 4 0.153 M4	Grid 5 0.111 M4	Grid 6 0.067 M4
Grid 7 0.163 M4	Grid 8 0.117 M4	Grid 9 0.072 M4



0 dB = 0.163A/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:18:47 AM

HAC_CDMA PCS CH25_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.092 A/m

Probe Modulation Factor = 0.970

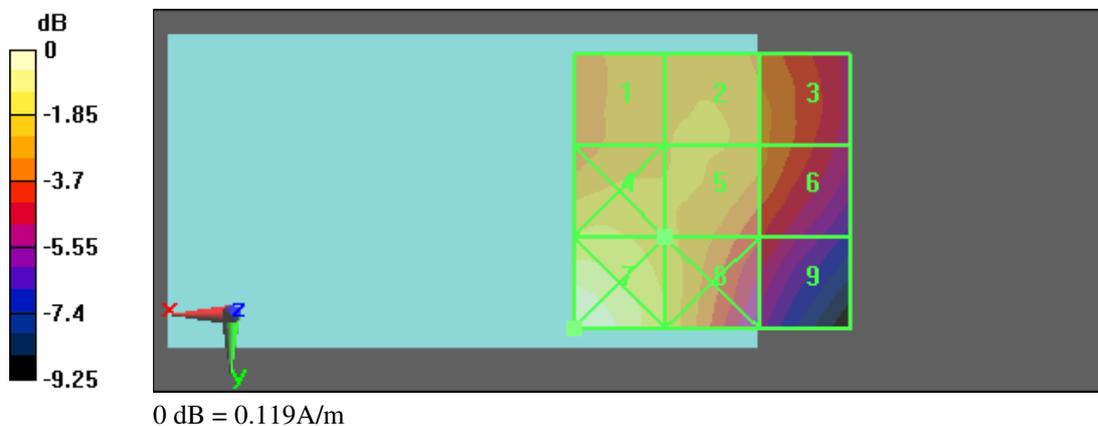
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.102 A/m; Power Drift = -0.069 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.089 M4	Grid 2 0.091 M4	Grid 3 0.086 M4
Grid 4 0.098 M4	Grid 5 0.092 M4	Grid 6 0.085 M4
Grid 7 0.119 M4	Grid 8 0.096 M4	Grid 9 0.073 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:24:39 AM

HAC_CDMA PCS CH600_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.096 A/m

Probe Modulation Factor = 0.970

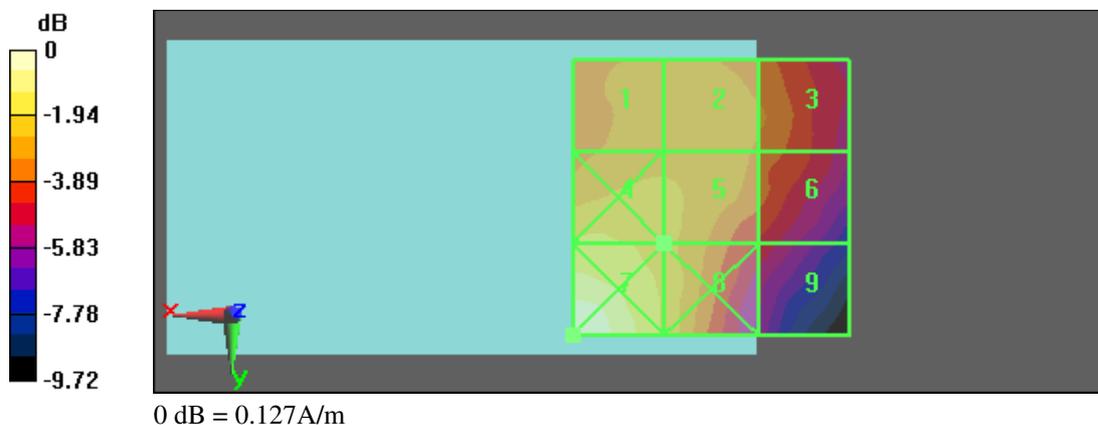
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.107 A/m; Power Drift = -0.168 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.093 M4	Grid 2 0.094 M4	Grid 3 0.089 M4
Grid 4 0.103 M4	Grid 5 0.096 M4	Grid 6 0.086 M4
Grid 7 0.127 M4	Grid 8 0.100 M4	Grid 9 0.075 M4





Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 2:32:33 AM

HAC_CDMA PCS CH1175_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA PCS ; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.084 A/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.092 A/m; Power Drift = -0.111 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.082 M4	Grid 2 0.083 M4	Grid 3 0.079 M4
Grid 4 0.087 M4	Grid 5 0.084 M4	Grid 6 0.079 M4
Grid 7 0.102 M4	Grid 8 0.083 M4	Grid 9 0.068 M4



0 dB = 0.102A/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 5:10:40 AM

HAC_CDMA AWS CH25_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA AWS; Frequency: 1711.25 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.110 A/m

Probe Modulation Factor = 0.970

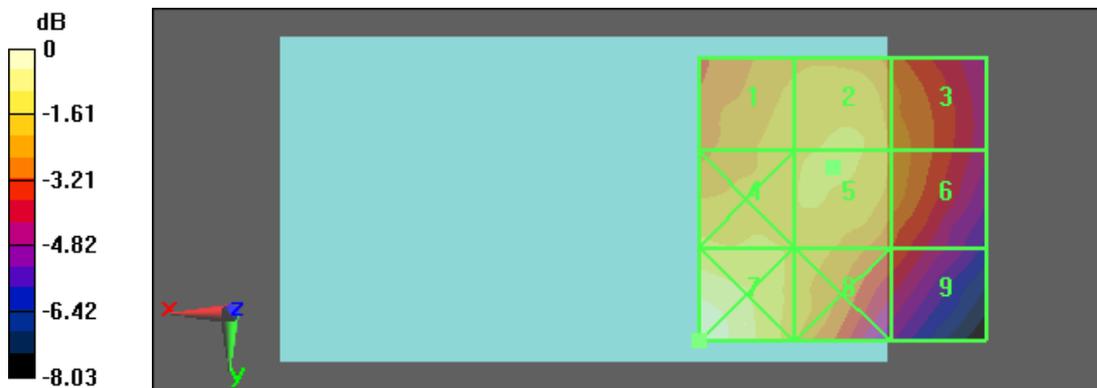
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.125 A/m; Power Drift = -0.100 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.107 M4	Grid 2 0.109 M4	Grid 3 0.101 M4
Grid 4 0.111 M4	Grid 5 0.110 M4	Grid 6 0.101 M4
Grid 7 0.130 M4	Grid 8 0.107 M4	Grid 9 0.090 M4



0 dB = 0.130A/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 5:16:24 AM

HAC_CDMA AWS CH450_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA AWS; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.104 A/m

Probe Modulation Factor = 0.970

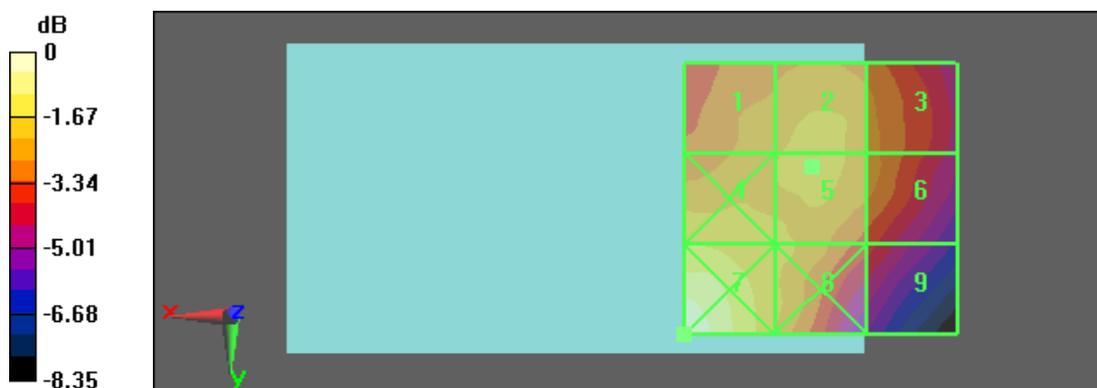
Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.121 A/m; Power Drift = -0.112 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.101 M4	Grid 2 0.104 M4	Grid 3 0.098 M4
Grid 4 0.108 M4	Grid 5 0.104 M4	Grid 6 0.098 M4
Grid 7 0.131 M4	Grid 8 0.103 M4	Grid 9 0.086 M4



0 dB = 0.131A/m



Test Laboratory: A Test Lab Techno Corp.

Date/Time: 4/7/2009 5:22:21 AM

HAC_CDMA AWS CH850_H

DUT: HUAWEI M750; Type: CDMA Phone; FCC ID: QISM750

Communication System: CDMA AWS; Frequency: 1752.5 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: H Device Section

Measurement Standard: DASYS (IEEE/IEC)

DASY5 Configuration:

- Probe: H3DV6 - SN6187; ; Calibrated: 5/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 11/11/2008
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA; Serial: 1038
- Measurement SW: DASYS, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H Scan - H3DV6 - measurement distance from the probe sensor center to the Device = 15mm/Hearing Aid Compatibility Test (101x101x1): Measurement grid:

dx=5mm, dy=5mm

Maximum value of peak Total field = 0.107 A/m

Probe Modulation Factor = 0.970

Device Reference Point: 0, 0, 353.7 mm

Reference Value = 0.118 A/m; Power Drift = 0.176 dB

Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.104 M4	Grid 2 0.106 M4	Grid 3 0.101 M4
Grid 4 0.110 M4	Grid 5 0.107 M4	Grid 6 0.101 M4
Grid 7 0.131 M4	Grid 8 0.105 M4	Grid 9 0.088 M4



0 dB = 0.131A/m



Appendix D - Calibration

All of the instruments Calibration information are listed below.

- Dipole _ CD835V3 SN:1017 Calibration No.CD835V3-1017_Jul08
- Dipole _ CD1880V3 SN:1036 Calibration No.CD1880V3-1036_ Jul08
- Probe _ ER3DV6 SN: 2302 Calibration No. ER3-2302_May08
- Probe _ H3DV6 SN: 6187 Calibration No. H3-6187_May08
- DAE _ DAE4 SN:779 Calibration No.DAE4-779_ Nov08