

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 1 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Annex A: Measurement data and plots

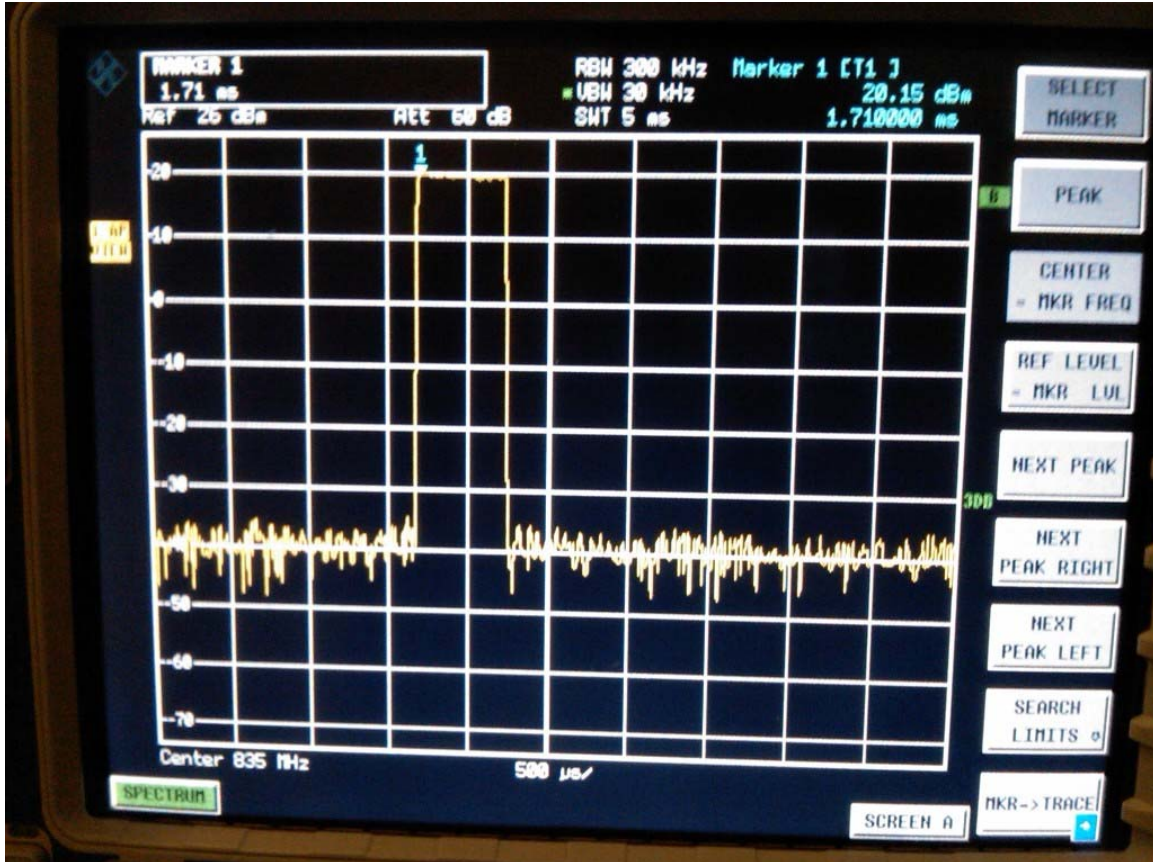
A.1 Spectrum analyser plots: GSM/UMTS, CW, 80%AM, signals

Author Data
Daoud Attayi


Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



GSM 835 MHz

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 3 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80



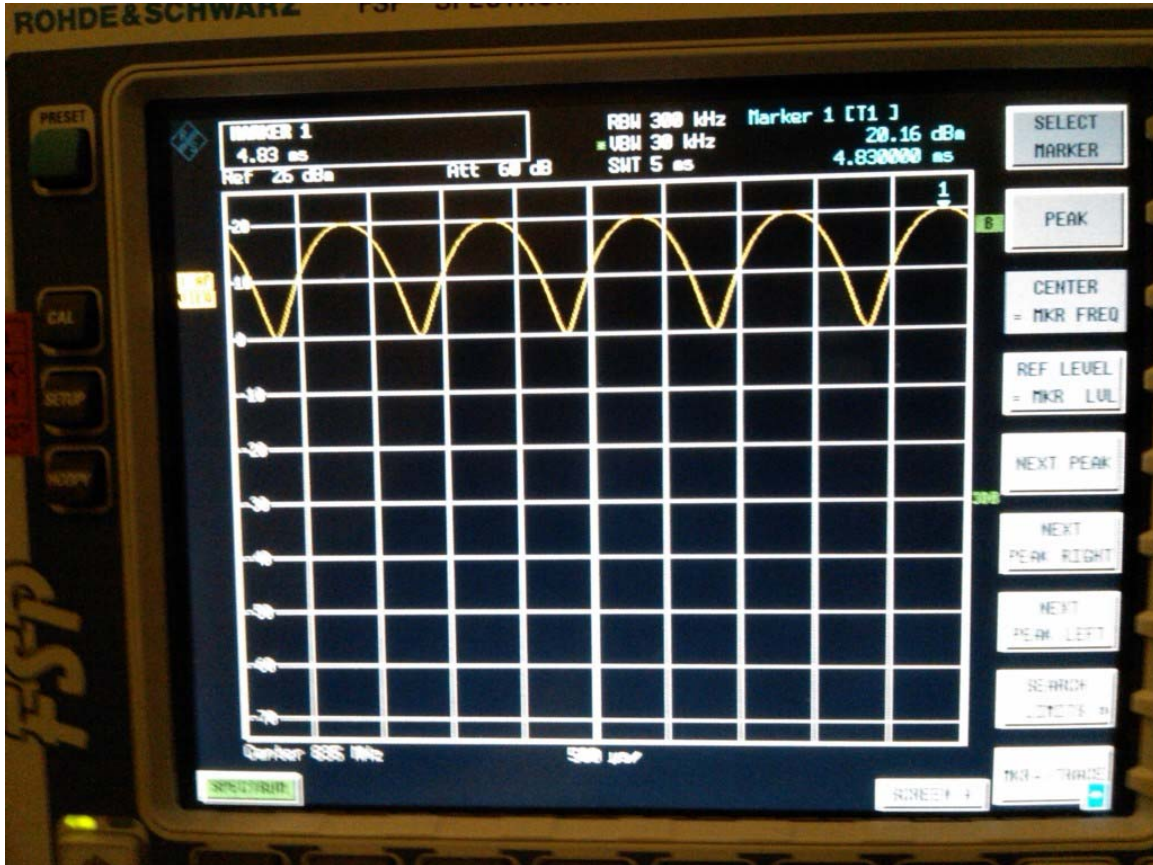
CW 835 MHz

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



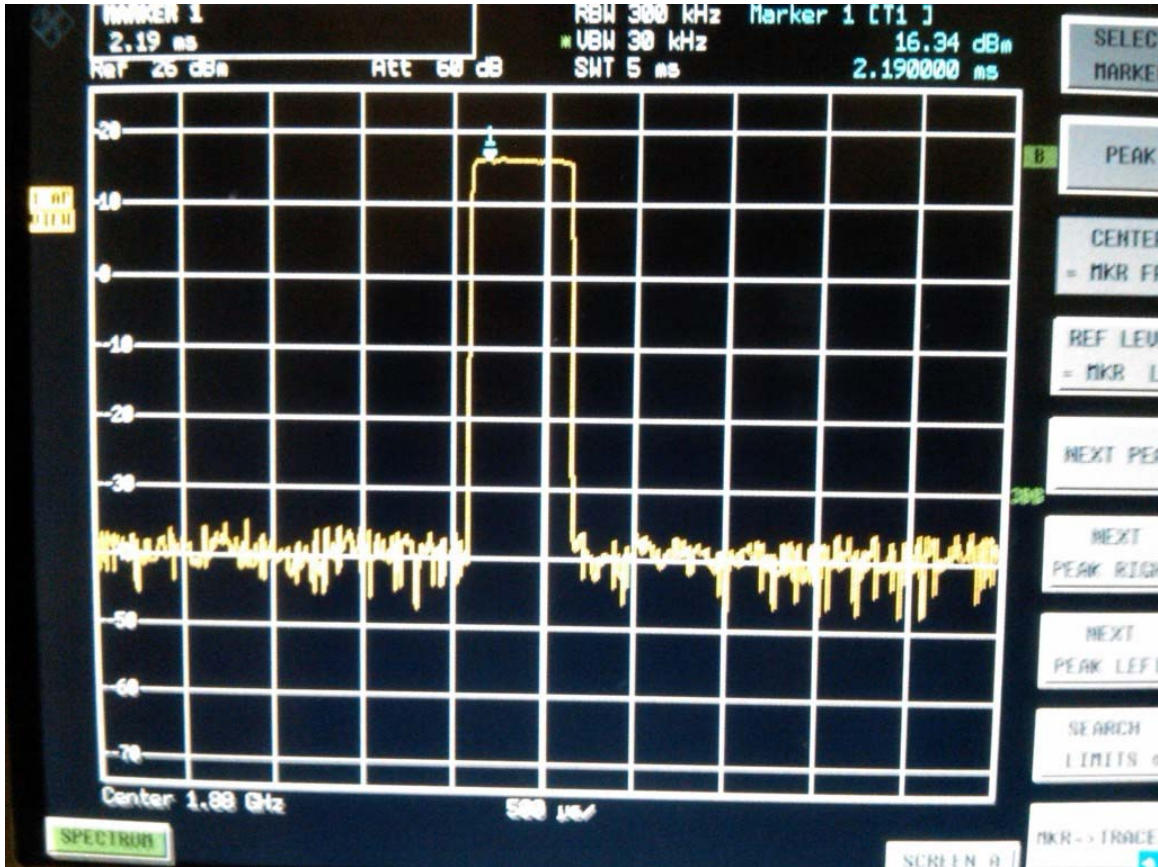
AM 80% 835 MHz

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



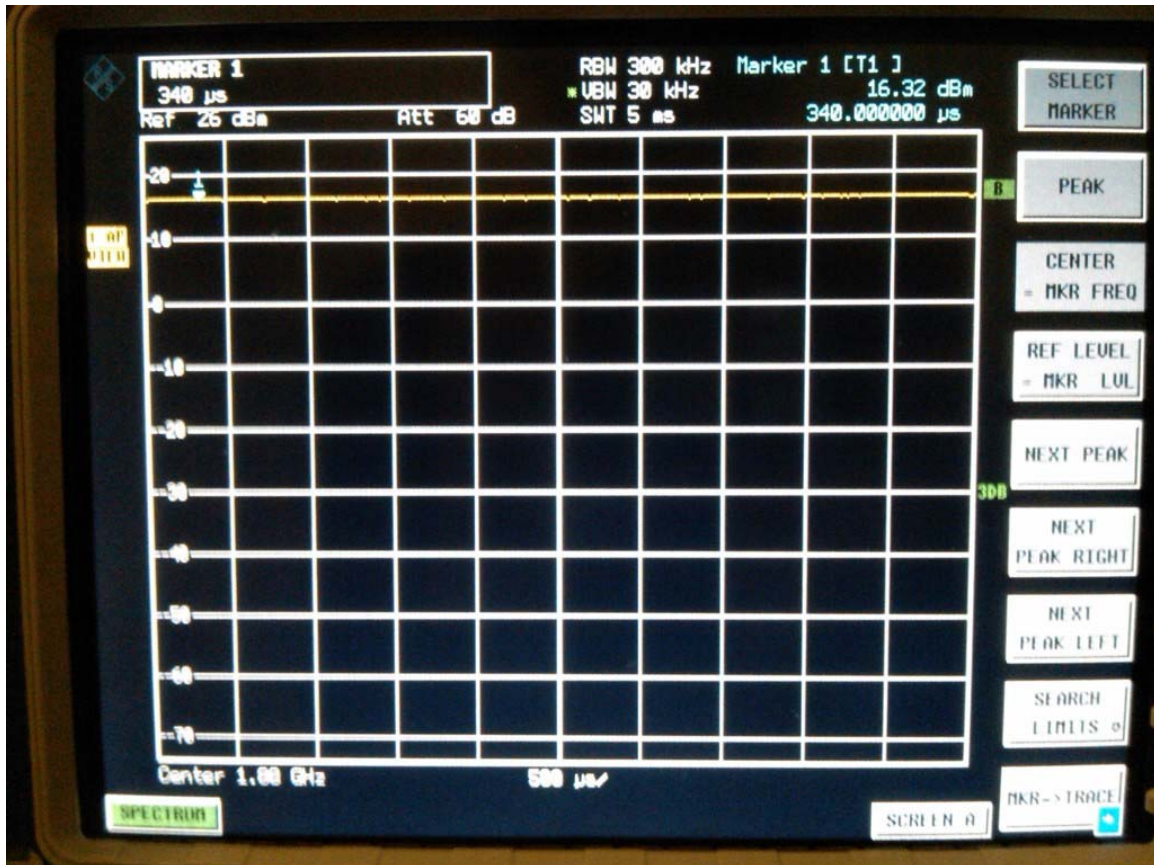
GSM 1880 MHz

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



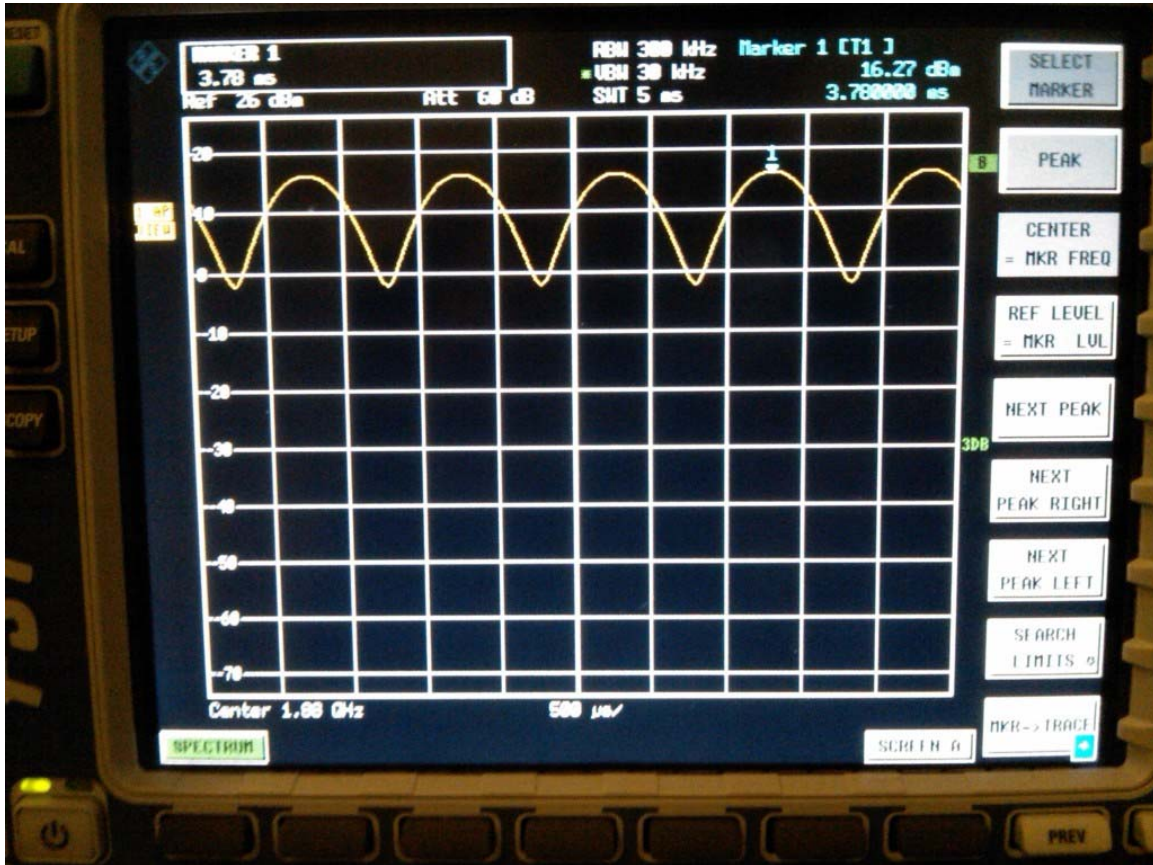
CW 1880 MHz

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



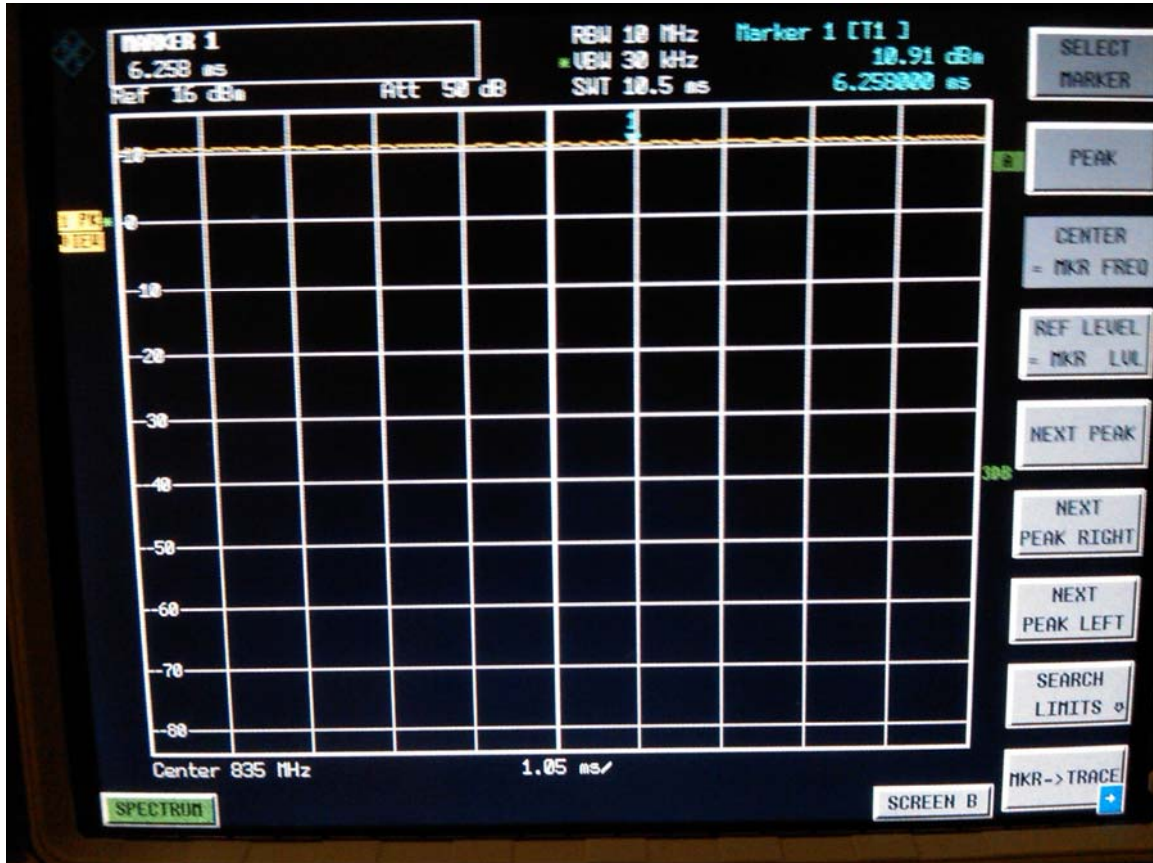
AM 80 % 1880 MHz

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

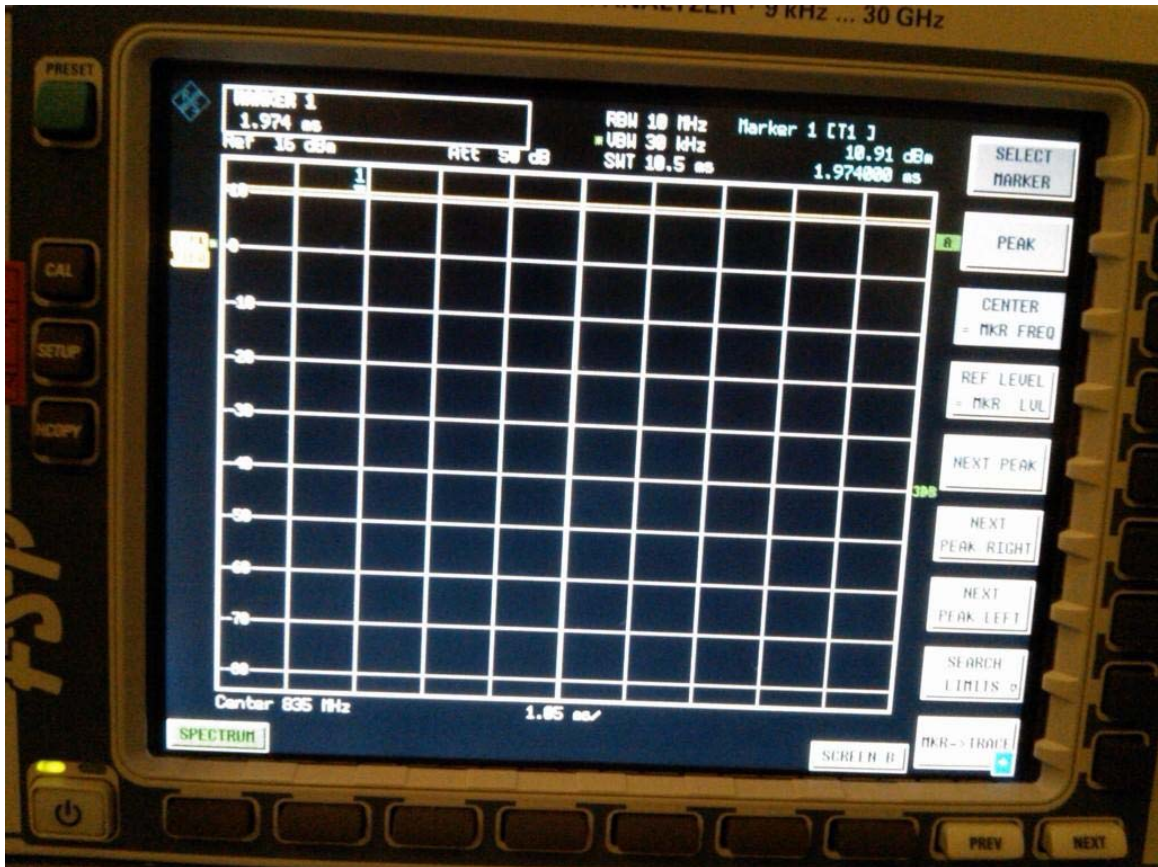
Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



UMTS 835 MHz

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 9 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80



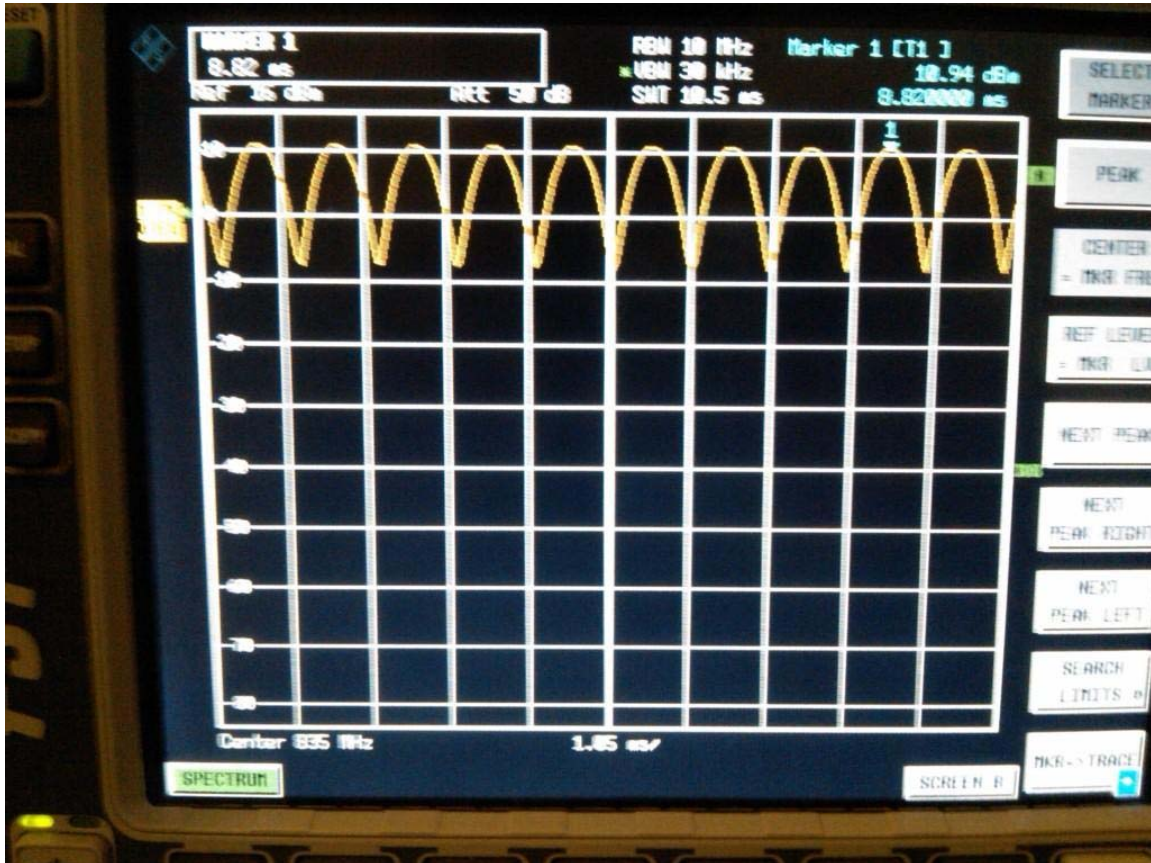
CW 835 MHz

Author Data
Daoud Attayi


Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
2011**

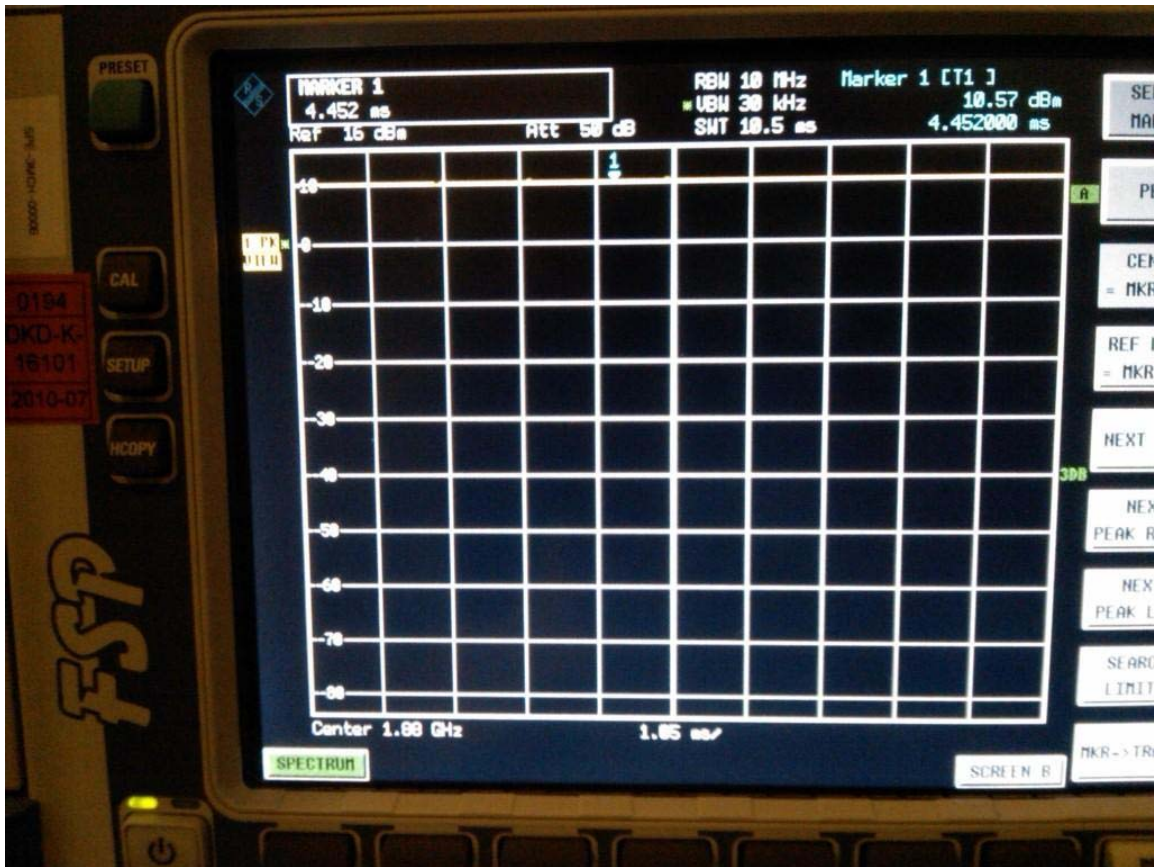
Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



AM 80% 835 MHz

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 11 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80



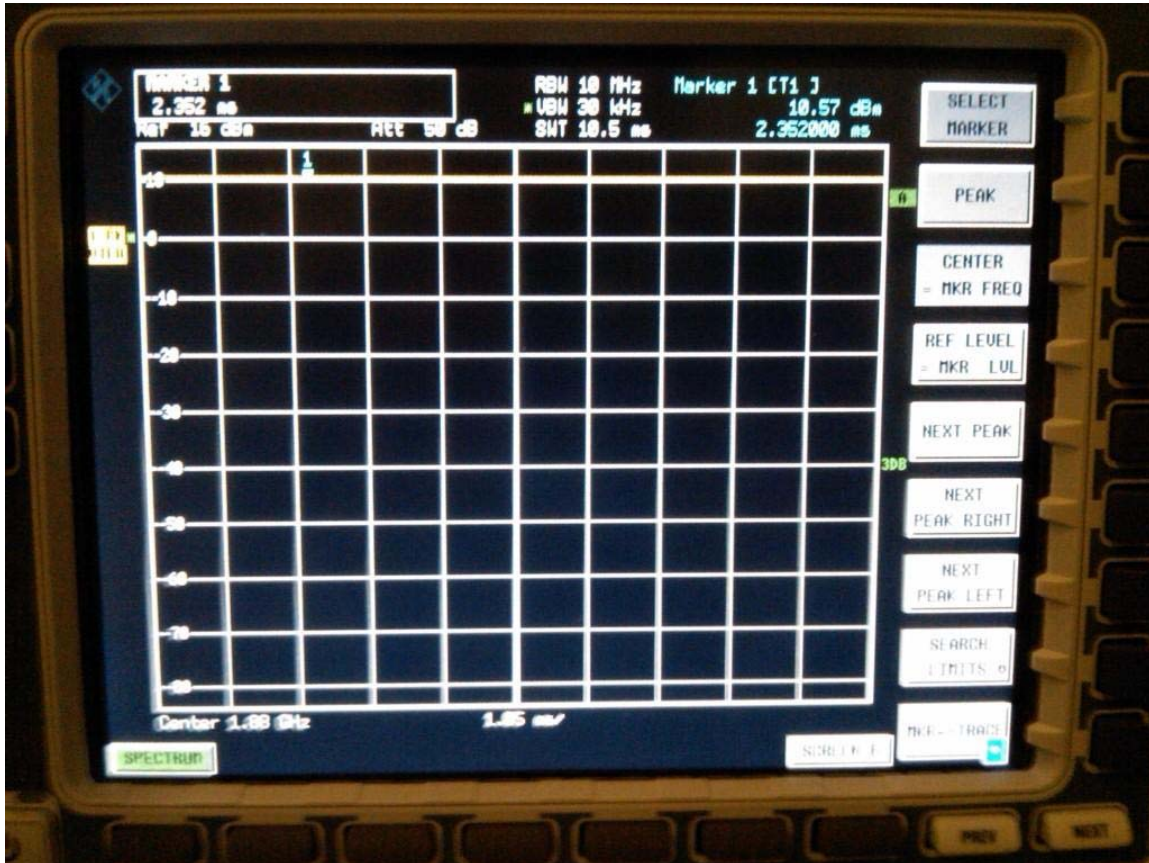
UMTS 1880 MHz

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



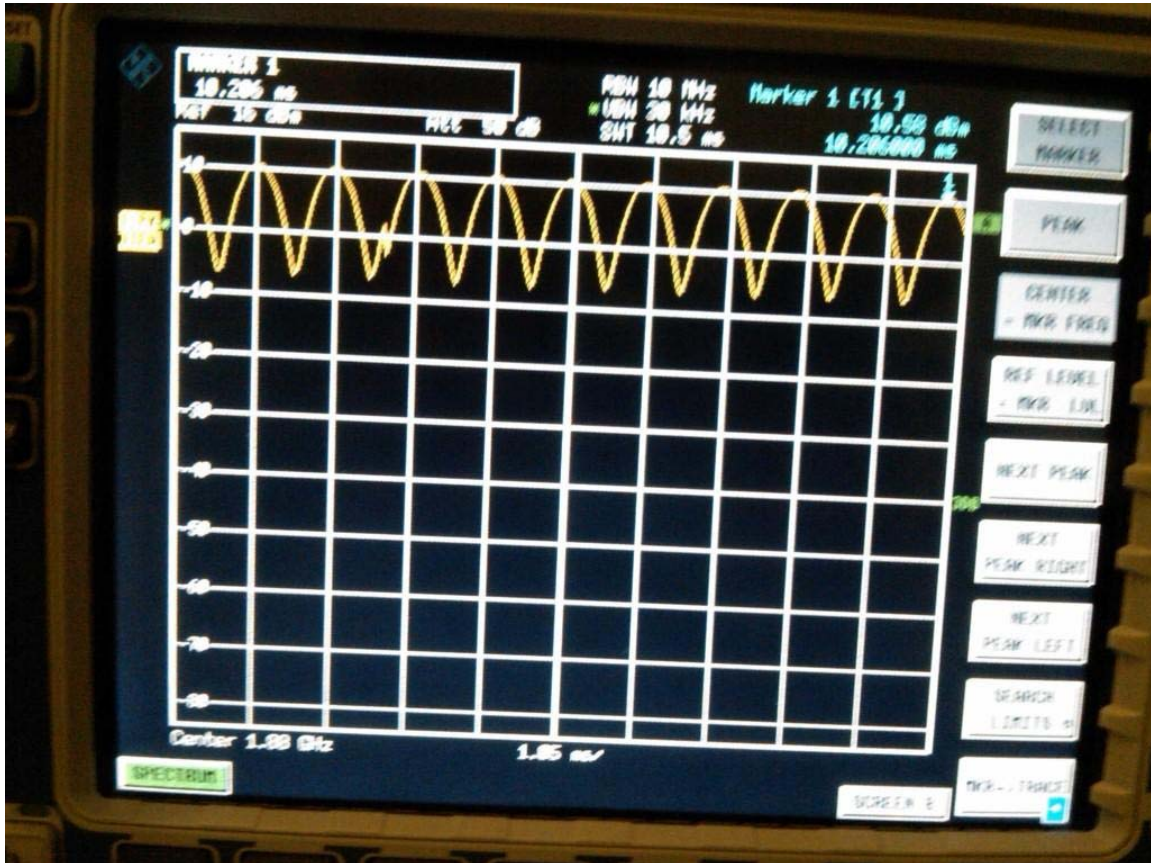
CW 1880 MHz

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



AM 80 % 1880 MHz

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 14 (132)
Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80	FCC ID L6AREQ70UW

A.2 Dipole validation and probe modulation factor plots

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 15 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 1:45:30 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_validation_835 MHz_10_20_11

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: CW; Frequency: 835 MHz
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Phantom section: RF Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 163.0 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 120.4 V/m; Power Drift = 0.07 dB

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

Peak E-field in V/m		
Grid 1	Grid 2	Grid 3
155.1 M4	163.0 M4	161.0 M4



Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
2011**

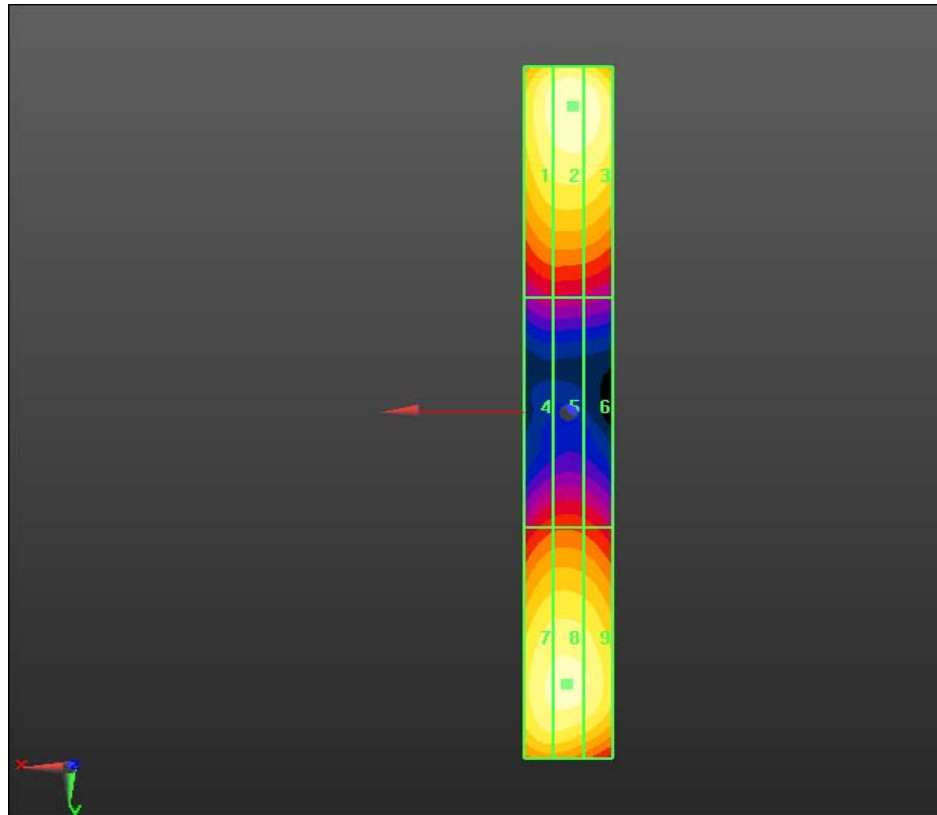
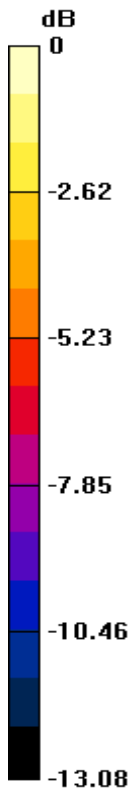
Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 4 87.180 M4	Grid 5 88.480 M4	Grid 6 86.061 M4
Grid 7 151.3 M4	Grid 8 153.4 M4	Grid 9 149.6 M4

Cursor:

Total = 163.0 V/m
E Category: M4
Location: -1, -79.5, 4.7 mm



0 dB = 163.0V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 17 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 3/22/2011 2:40:53 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_PMF_GSM_835 MHz

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: GSM 850;; Frequency: 835 MHz; Communication System PAR: 9.191 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 54.142 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.642 V/m; Power Drift = -0.06 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)



Document	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW	Page	18 (132)
----------	---	------	-----------------

Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Peak E-field in V/m

Grid 1 51.408 M4	Grid 2 54.142 M4	Grid 3 52.509 M4
Grid 4 27.621 M4	Grid 5 27.841 M4	Grid 6 27.144 M4
Grid 7 49.045 M4	Grid 8 49.106 M4	Grid 9 47.011 M4

Cursor:

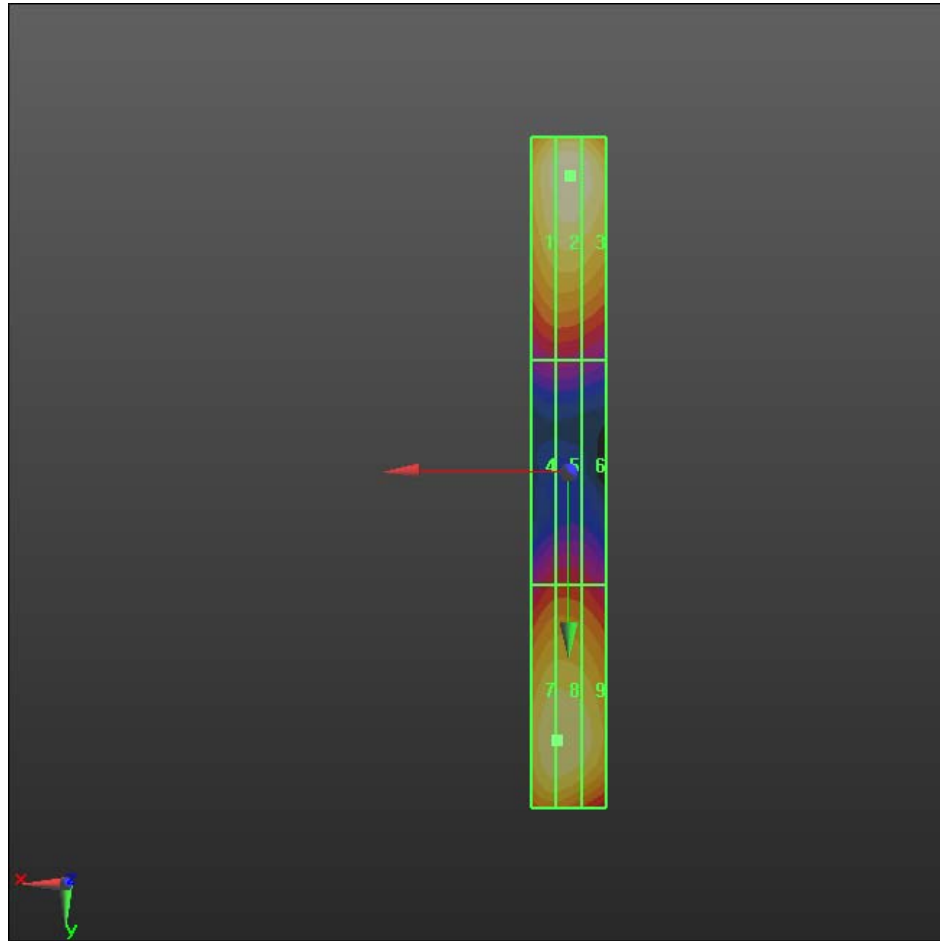
Total = 54.142 V/m
E Category: M4
Location: -0.5, -79.5, 4.7 mm

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 54.140V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 20 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 3/22/2011 3:01:22 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_PMF_CW835 MHz_GSM

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: CW; Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Communication System PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 159.3 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 120.6 V/m; Power Drift = -0.10 dB

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

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 21 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Peak E-field in V/m

Grid 1 153.1 M4	Grid 2 159.3 M4	Grid 3 154.5 M4
Grid 4 8066 M4	Grid 5 86.943 M4	Grid 6 84.863 M4
Grid 7 153.2 M4	Grid 8 154.9 M4	Grid 9 151.1 M4

Cursor:

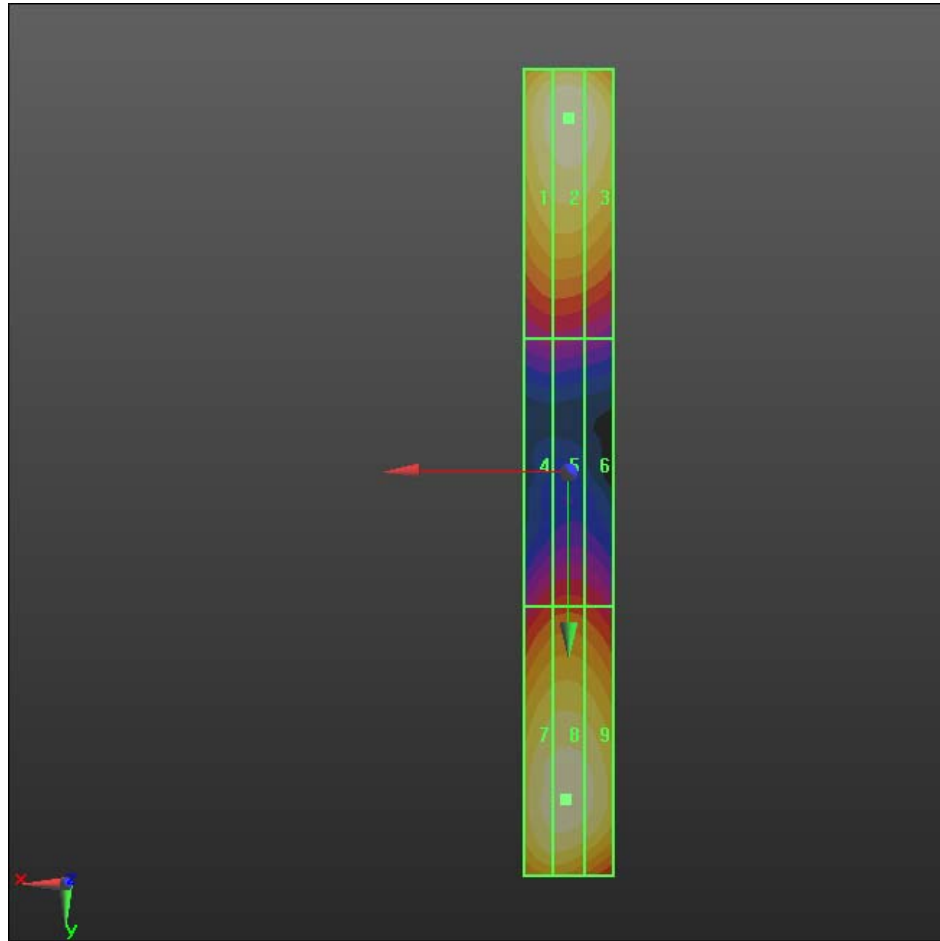
Total = 159.3 V/m
E Category: M4
Location: 0, -79, 4.7 mm

Author Data
Daoud Attayi


Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 159.3V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 23 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 3/22/2011 3:09:37 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_PMF_AM80%835 MHz_GSM

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: AM 80%; Communication System Band: D835 (835.0 MHz);
Frequency: 835 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 99.820 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 74.981 V/m; Power Drift = -0.17 dB

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



Document	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW	Page	24 (132)
----------	---	------	-----------------

Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Peak E-field in V/m

Grid 1 96.553 M4	Grid 2 99.820 M4	Grid 3 97.313 M4
Grid 4 54.091 M4	Grid 5 55.431 M4	Grid 6 53.882 M4
Grid 7 95.955 M4	Grid 8 97.176 M4	Grid 9 95.117 M4

Cursor:

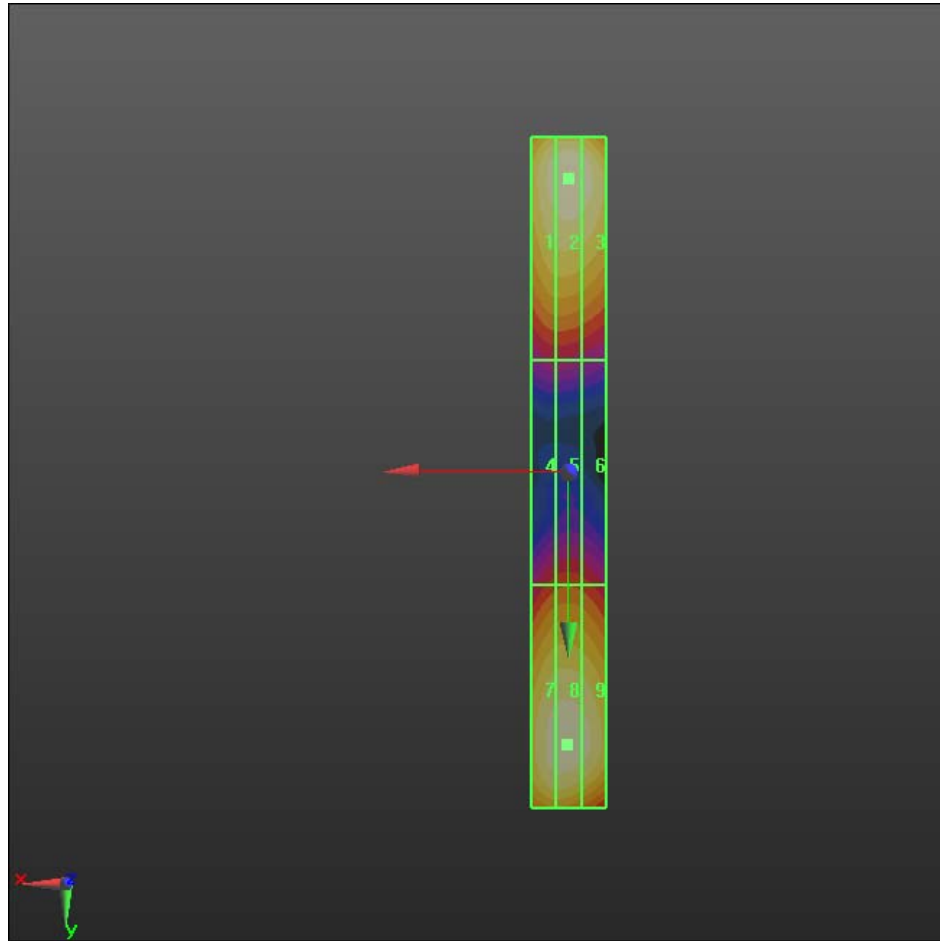
Total = 99.821 V/m
E Category: M4
Location: 0, -79, 4.7 mm

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 99.820V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 26 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 1:07:46 PM

Test Laboratory: RIM Testing Services

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: WCDMA FDD V; Communication System Band:; Frequency: 835 MHz; Communication System PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 56.944 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 42.995 V/m; Power Drift = 0.01 dB

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

Peak E-field in V/m

Grid 1 53.505 M4	Grid 2 56.944 M4	Grid 3 56.718 M4
Grid 4 30.372 M4	Grid 5 31.039 M4	Grid 6 30.245 M4
Grid 7 54.971 M4	Grid 8 56.115 M4	Grid 9 54.501 M4

Author Data
Daoud Attayi

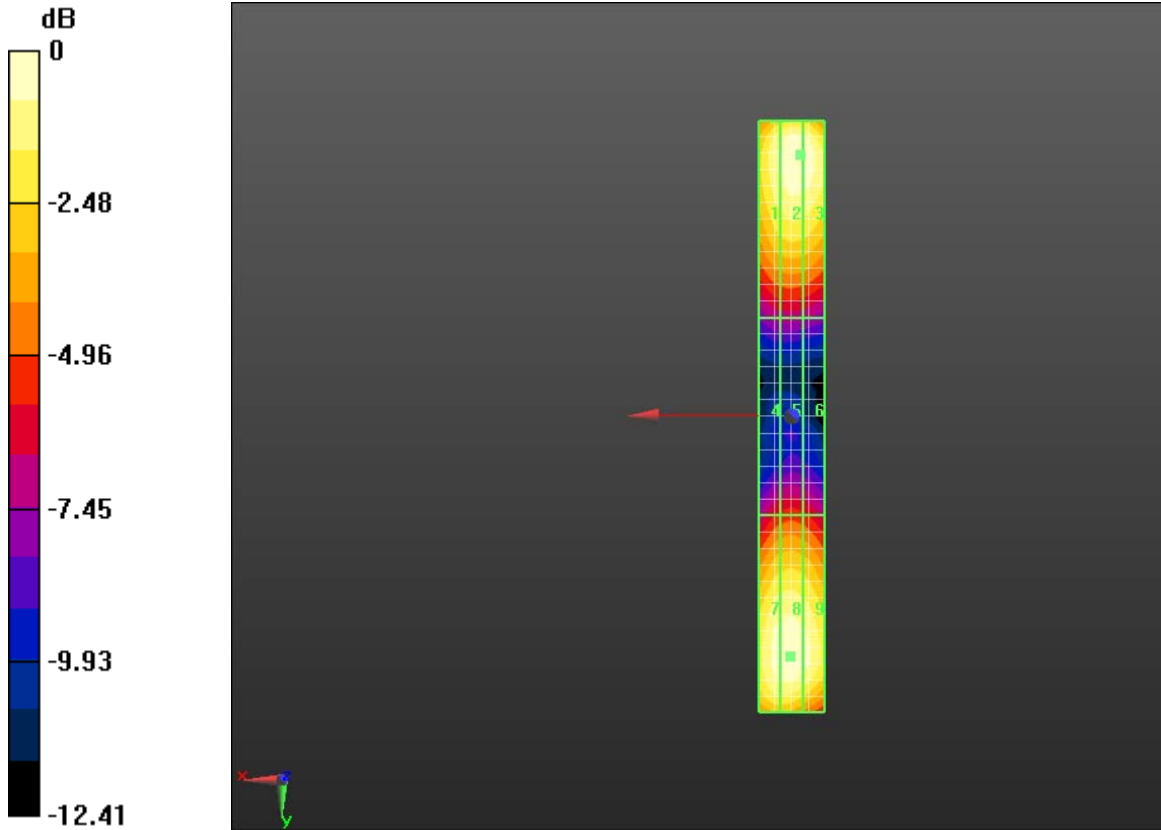
Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Cursor:

Total = 56.944 V/m
 E Category: M4
 Location: -2.5, -79.5, 4.7 mm



0 dB = 56.940V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 28 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 12:43:40 PM

Test Laboratory: RIM Testing Services

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: CW; Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Communication System PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 57.608 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 42.622 V/m; Power Drift = -0.06 dB

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

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Peak E-field in V/m

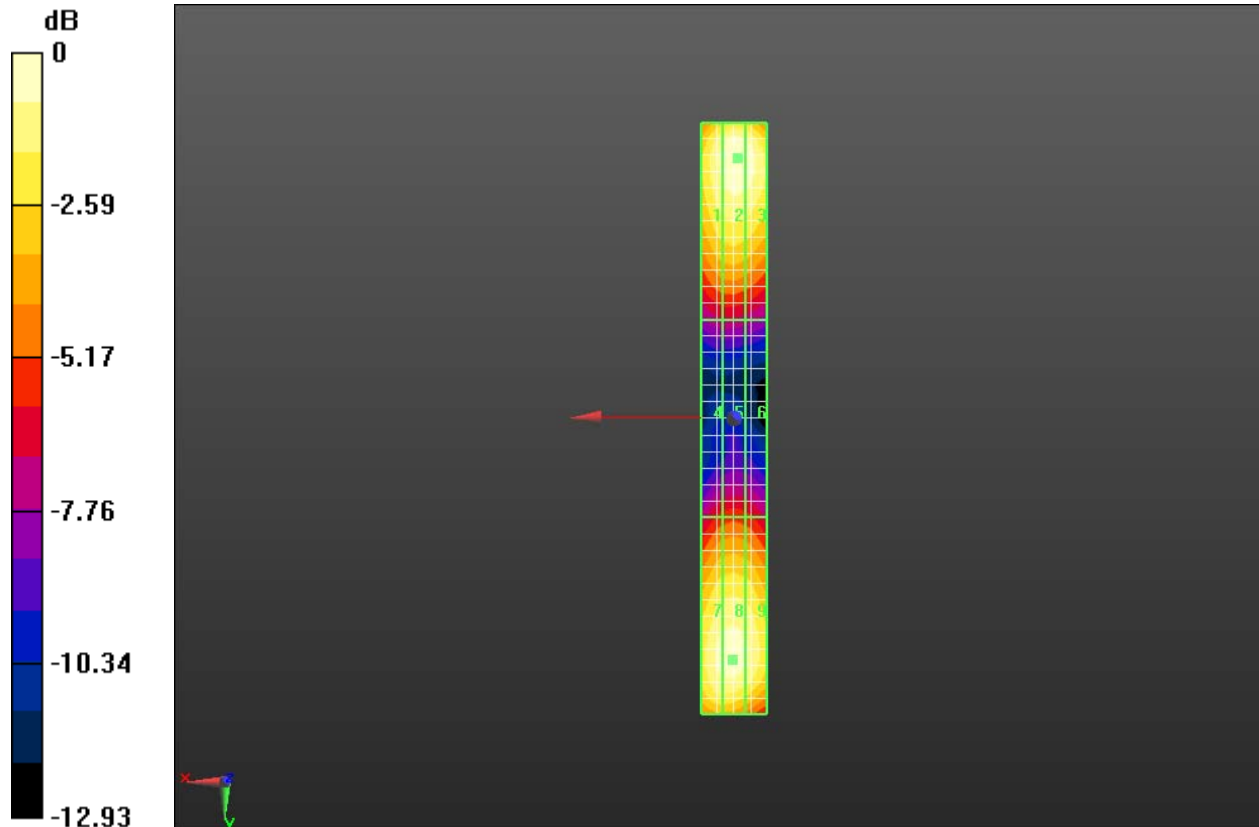
Grid 1 54.388 M4	Grid 2 57.608 M4	Grid 3 56.620 M4
Grid 4 30.355 M4	Grid 5 30.943 M4	Grid 6 30.261 M4
Grid 7 54.334 M4	Grid 8 55.102 M4	Grid 9 5076 M4

Cursor:

Total = 57.608 V/m

E Category: M4

Location: -1, -79, 4.7 mm



0 dB = 57.610V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 30 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 12:54:03 PM

Test Laboratory: RIM Testing Services

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: AM 80%; Communication System Band: D835 (835.0 MHz);
Frequency: 835 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 37.106 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 26.469 V/m; Power Drift = 0.17 dB

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

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Peak E-field in V/m

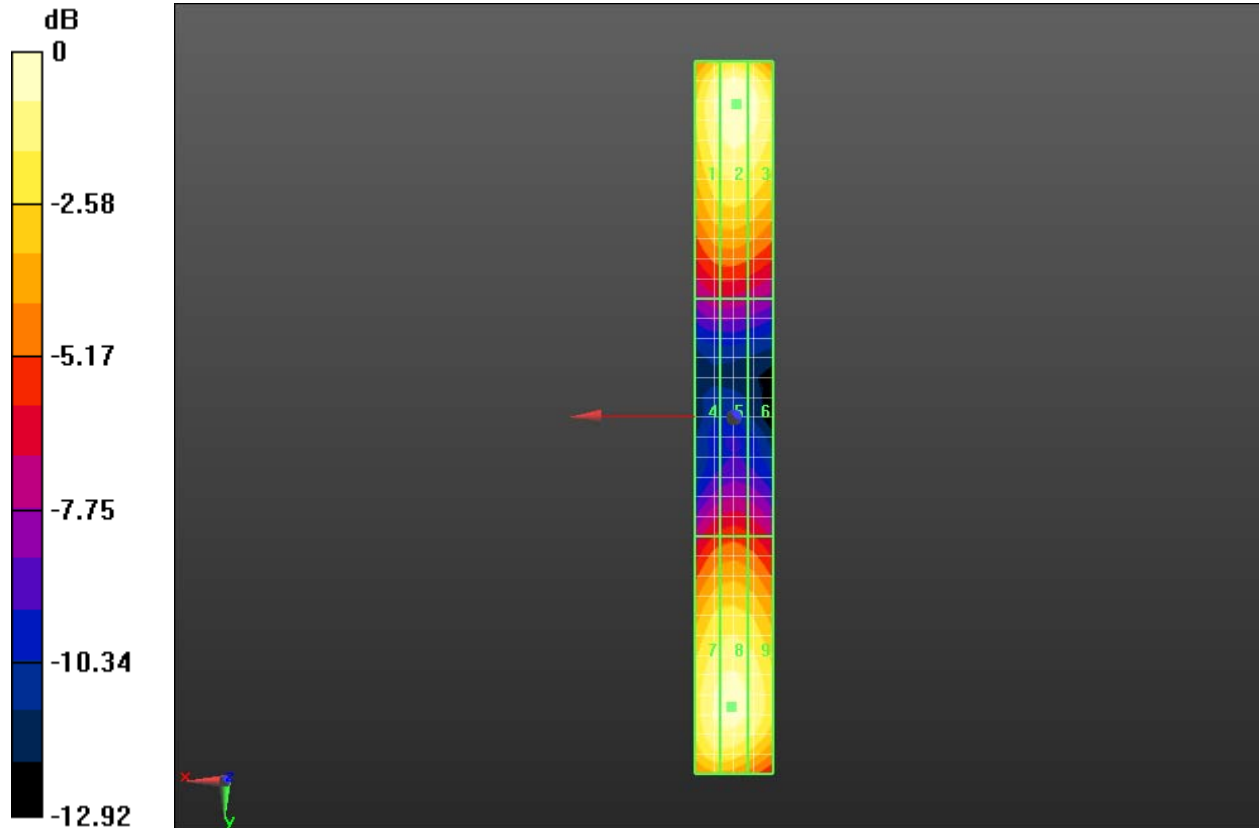
Grid 1 35.158 M4	Grid 2 37.106 M4	Grid 3 36.227 M4
Grid 4 19.445 M4	Grid 5 19.878 M4	Grid 6 19.259 M4
Grid 7 34.812 M4	Grid 8 35.203 M4	Grid 9 34.158 M4

Cursor:

Total = 37.106 V/m

E Category: M4

Location: -0.5, -79, 4.7 mm



0 dB = 37.110V/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		32 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 10/20/2011 2:00:57 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_validation_1880 MHz_10_20_11

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Frequency: 1880 MHz

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

Phantom section: RF Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 132.0 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 117.0 V/m; Power Drift = 0.04 dB

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

Peak E-field in V/m		
Grid 1	Grid 2	Grid 3
128.5 M2	132.0 M2	126.3 M2

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

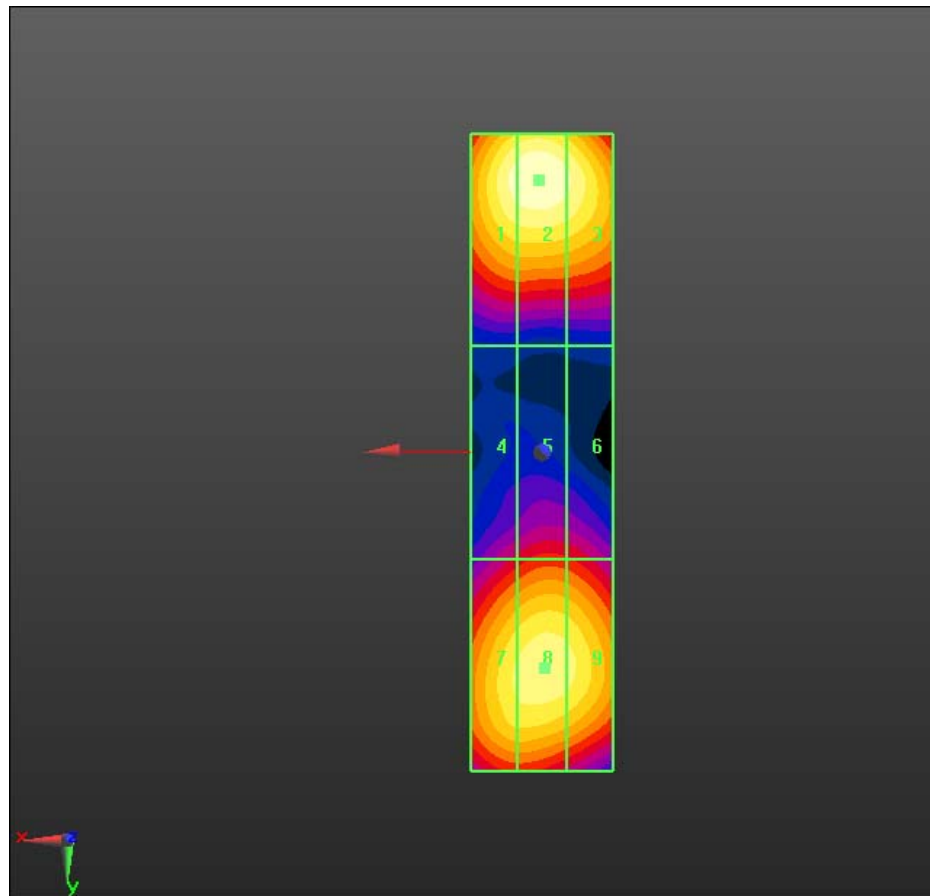
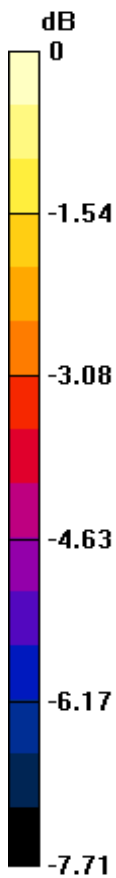
Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 4 84.173 M3	Grid 5 89.671 M3	Grid 6 88.265 M3
Grid 7 118.6 M2	Grid 8 122.5 M2	Grid 9 120.0 M2

Cursor:

Total = 132.0 V/m
 E Category: M2
 Location: 0.5, -38.5, 4.7 mm



0 dB = 132.0V/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		34 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 3/22/2011 4:54:49 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_PMF_GSM_1880 MHz

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: GSM 1900; Frequency: 1880 MHz; Communication System PAR: 9.191 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 27.663 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 25.374 V/m; Power Drift = 0.02 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)



Document	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW	Page	35 (132)
----------	---	------	-----------------

Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Peak E-field in V/m

Grid 1 27.050 M4	Grid 2 27.663 M4	Grid 3 26.052 M4
Grid 4 17.031 M4	Grid 5 18.013 M4	Grid 6 17.833 M4
Grid 7 2036 M4	Grid 8 25.539 M4	Grid 9 25.116 M4

Cursor:

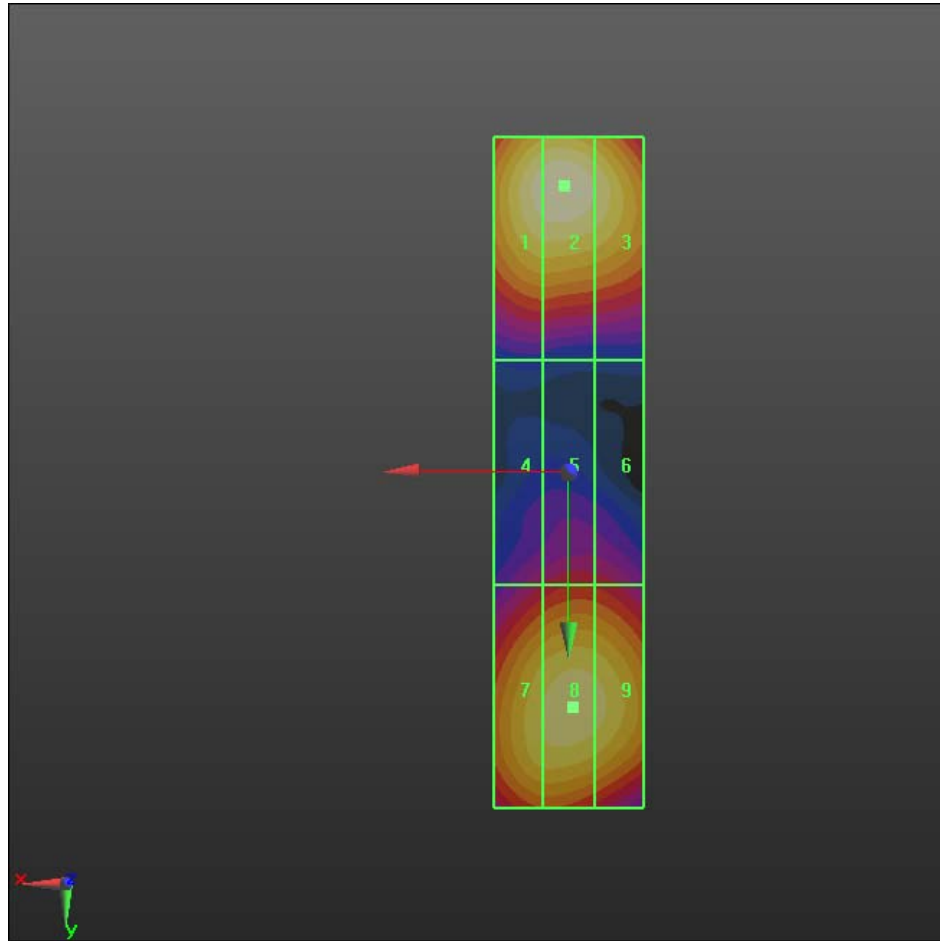
Total = 27.663 V/m
E Category: M4
Location: 0.5, -38.5, 4.7 mm

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 27.660V/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		37 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 3/23/2011 12:08:40 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_PMF_CW1880 MHz_GSM

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 82.216 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 78.932 V/m; Power Drift = 0.0039 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

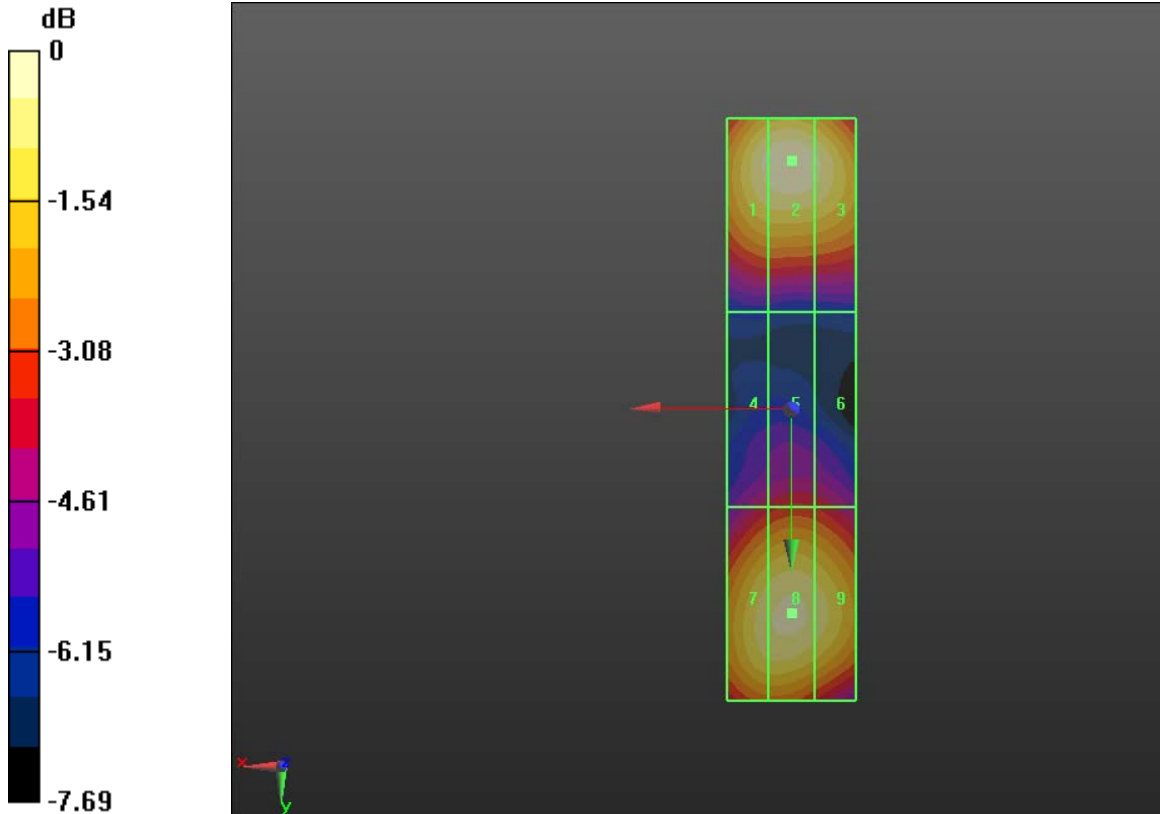
FCC ID
L6AREQ70UW

Peak E-field in V/m

Grid 1 79.692 M3	Grid 2 82.216 M3	Grid 3 79.228 M3
Grid 4 52.849 M4	Grid 5 55.292 M4	Grid 6 54.232 M4
Grid 7 76.960 M3	Grid 8 78.815 M3	Grid 9 76.489 M3

Cursor:

Total = 82.216 V/m
 E Category: M3
 Location: 0, -38.5, 4.7 mm



0 dB = 82.220V/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		39 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 3/22/2011 4:12:07 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_PMF_AM80%1880 MHz_GSM

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: AM 80%; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1880 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 53.337 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 49.939 V/m; Power Drift = -0.09 dB

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



Document	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW	Page	40 (132)
----------	---	------	-----------------

Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Peak E-field in V/m

Grid 1 52.377 M4	Grid 2 53.337 M4	Grid 3 50.671 M4
Grid 4 3062 M4	Grid 5 35.058 M4	Grid 6 3043 M4
Grid 7 48.429 M4	Grid 8 49.374 M4	Grid 9 48.243 M4

Cursor:

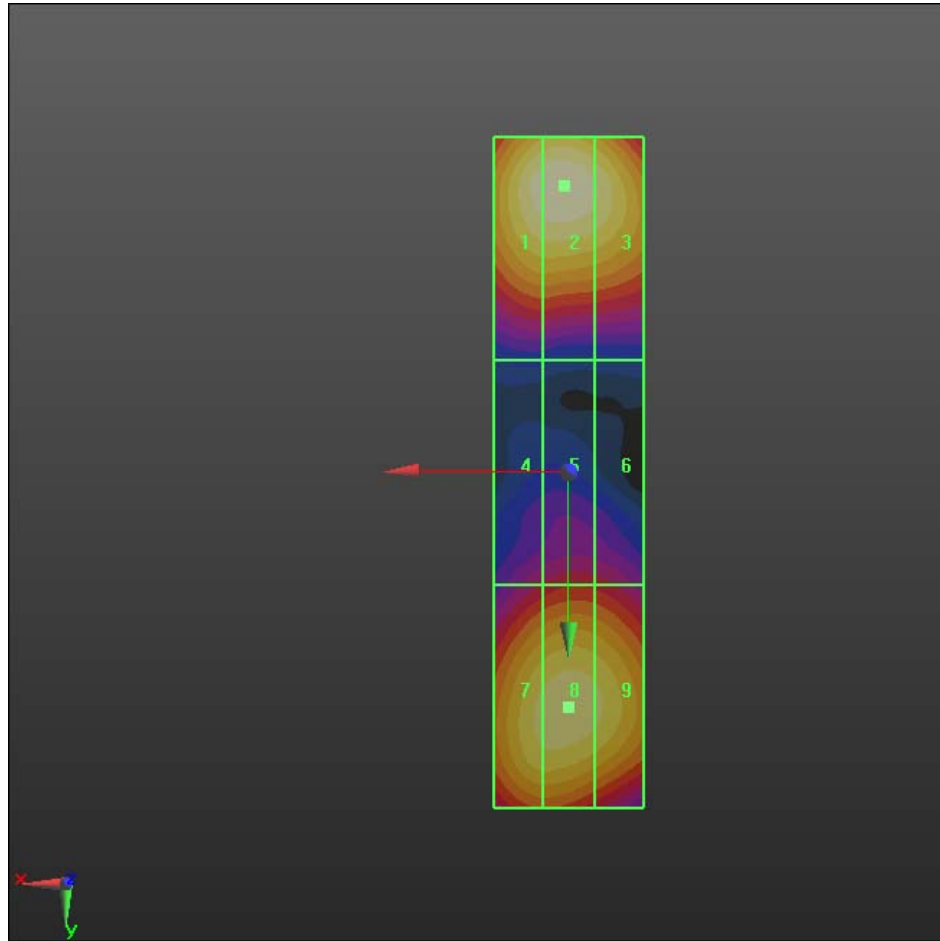
Total = 53.337 V/m
E Category: M4
Location: 0.5, -38.5, 4.7 mm

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 53.340V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 42 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 2:07:15 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_PMF_UMTS_band_II_1880 MHz

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial

Communication System: WCDMA FDD II;.; Frequency: 1880 MHz;Communication System

PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 38.483 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 35.028 V/m; Power Drift = 0.10 dB

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

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

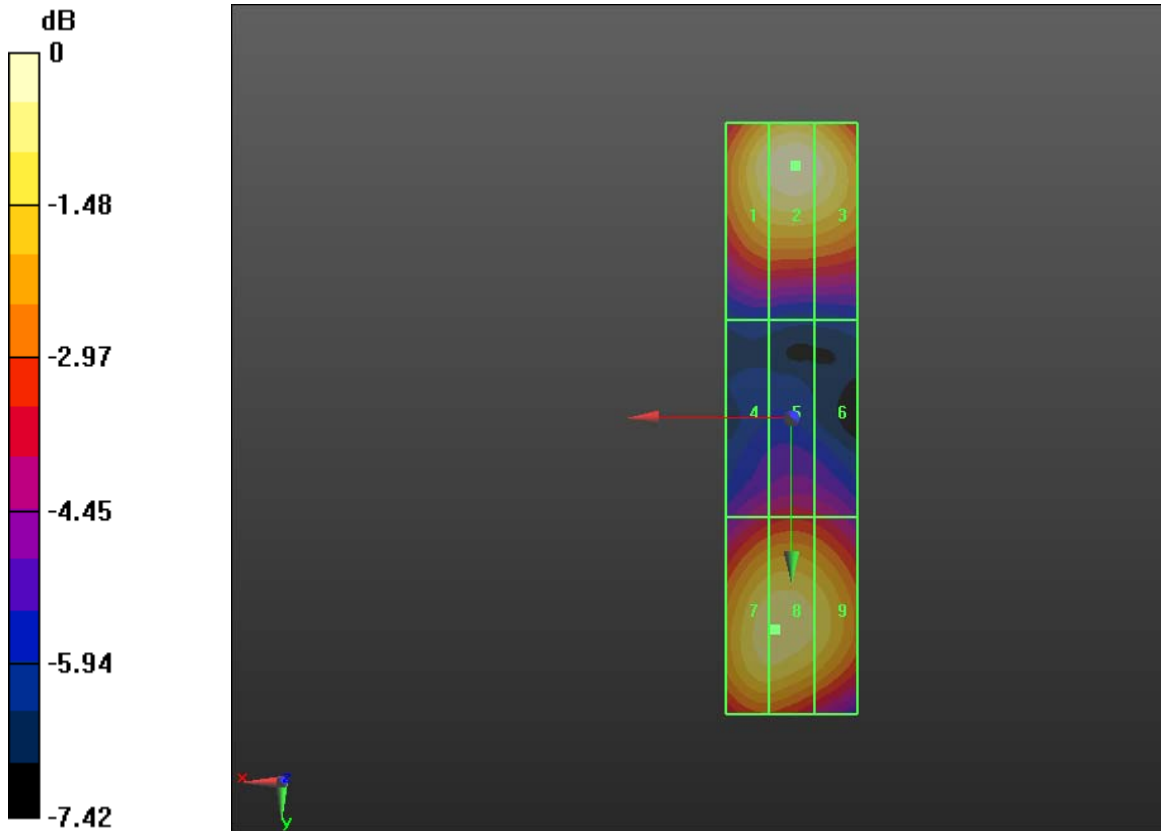
FCC ID
L6AREQ70UW

Peak E-field in V/m

Grid 1 36.706 M4	Grid 2 38.483 M4	Grid 3 37.337 M4
Grid 4 24.878 M4	Grid 5 25.643 M4	Grid 6 25.076 M4
Grid 7 35.871 M4	Grid 8 35.988 M4	Grid 9 34.479 M4

Cursor:

Total = 38.483 V/m
 E Category: M4
 Location: -0.5, -38.5, 4.7 mm



0 dB = 38.480V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 44 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 2:16:59 PM

Test Laboratory: RIM Testing Services

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 43.024 V/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 38.861 V/m; Power Drift = 0.02 dB

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

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Peak E-field in V/m

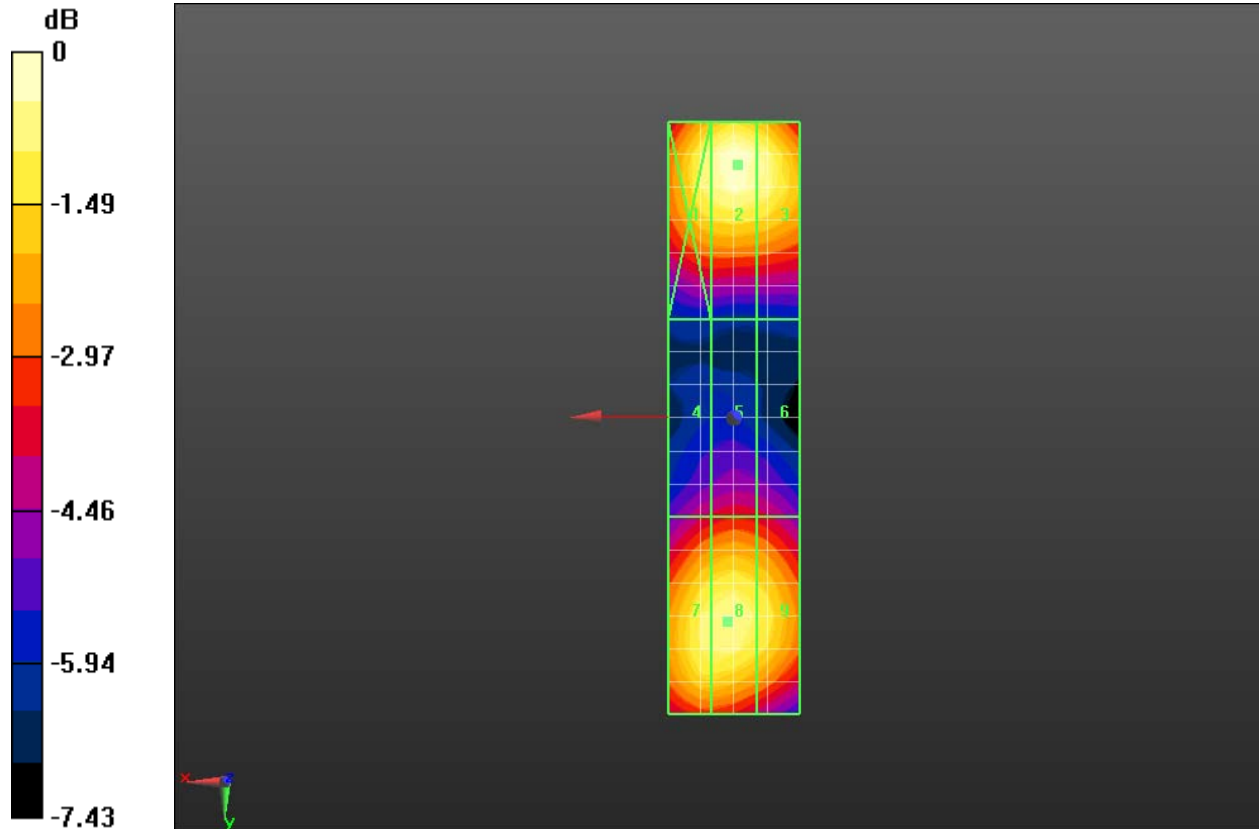
Grid 1 40.897 M4	Grid 2 43.024 M4	Grid 3 41.671 M4
Grid 4 27.919 M4	Grid 5 28.886 M4	Grid 6 28.274 M4
Grid 7 39.759 M4	Grid 8 40.082 M4	Grid 9 38.641 M4

Cursor:


Total = 43.024 V/m

E Category: M4

Location: -0.5, -38.5, 4.7 mm



0 dB = 43.020V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 46 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 2:21:55 PM

Test Laboratory: RIM Testing Services

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: AM 80%; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1880 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole E-Field measurement/E Scan - 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 = 27.543 V/m
Probe Modulation Factor = 1.000
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 25.024 V/m; Power Drift = -0.0069 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)



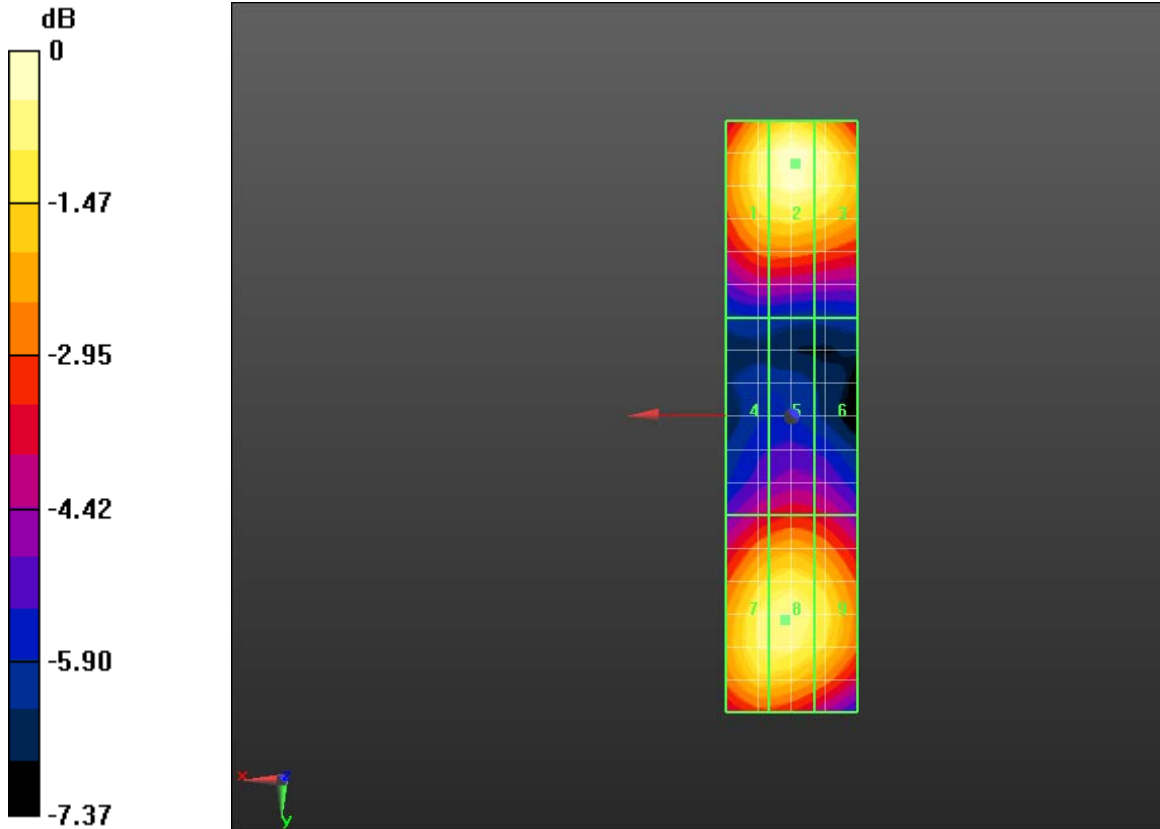
Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80	FCC ID L6AREQ70UW
------------------------------------	---	--------------------------------------	-----------------------------

Peak E-field in V/m

Grid 1 26.151 M4	Grid 2 27.543 M4	Grid 3 26.639 M4
Grid 4 17.904 M4	Grid 5 18.574 M4	Grid 6 18.189 M4
Grid 7 25.506 M4	Grid 8 25.701 M4	Grid 9 24.770 M4

Cursor:

Total = 27.543 V/m
E Category: M4
Location: -0.5, -38.5, 4.7 mm



0 dB = 27.540V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 48 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 3:23:56 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_validation_835 MHz_10_20_11

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: CW; Frequency: 835 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.475 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.506 A/m; Power Drift = -0.06 dB

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

Peak H-field in A/m



Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80	FCC ID L6AREQ70UW
------------------------------------	---	--------------------------------------	-----------------------------

Grid 1 0.435 M4	Grid 2 0.451 M4	Grid 3 0.426 M4
Grid 4 0.456 M4	0.475 M4	Grid 6 0.448 M4
Grid 7 0.453 M4	Grid 8 0.469 M4	Grid 9 0.437 M4

Cursor:

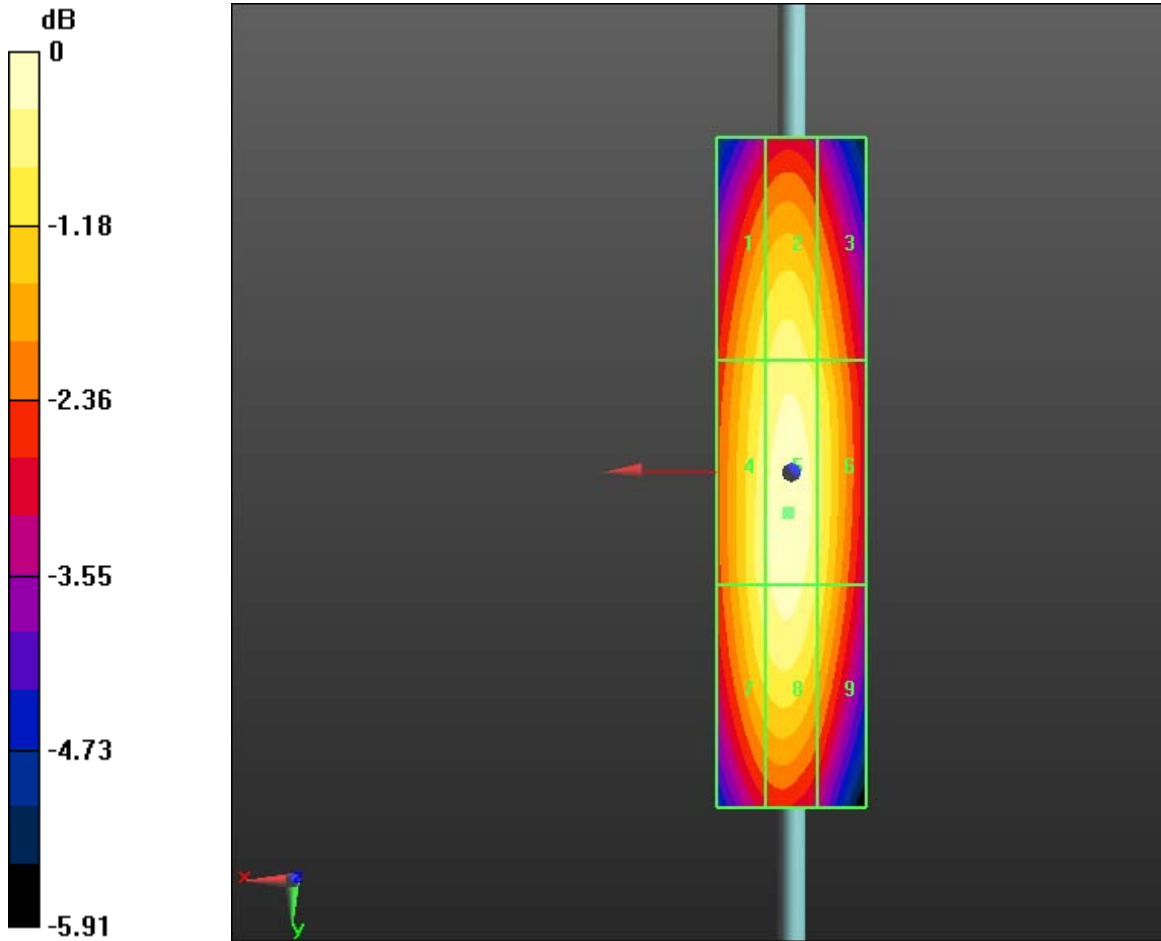
Total = 0.475 A/m
H Category: M4
Location: 0.5, 5.5, 4.7 mm

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.480A/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		51 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 3/23/2011 3:06:50 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_GSM_835 MHz

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: GSM 850; Frequency: 835 MHz; Communication System PAR: 9.191 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.168 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.173 A/m; Power Drift = 0.43 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

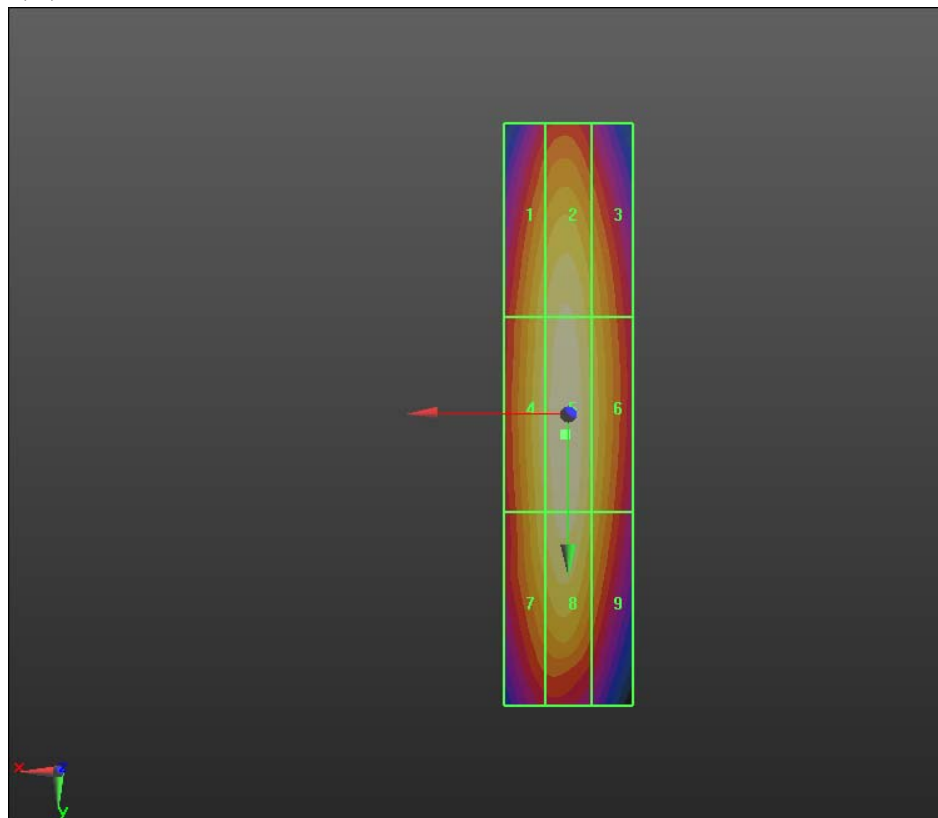
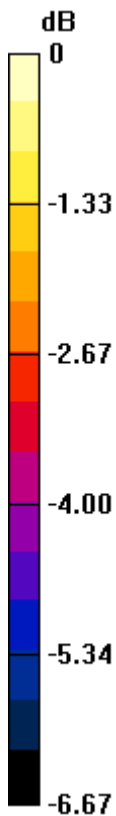
FCC ID
L6AREQ70UW

Peak H-field in A/m


Grid 1 0.154 M4	Grid 2 0.163 M4	Grid 3 0.148 M4
Grid 4 0.159 M4	Grid 5 0.168 M4	Grid 6 0.153 M4
Grid 7 0.155 M4	Grid 8 0.165 M4	Grid 9 0.148 M4

Cursor:

Total = 0.168 A/m
 H Category: M4
 Location: 0.5, 3, 4.7 mm



0 dB = 0.170A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 53 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 3/23/2011 3:23:34 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_CW835 MHz_GSM

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: CW; Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.482 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.503 A/m; Power Drift = -0.00099 dB

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

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

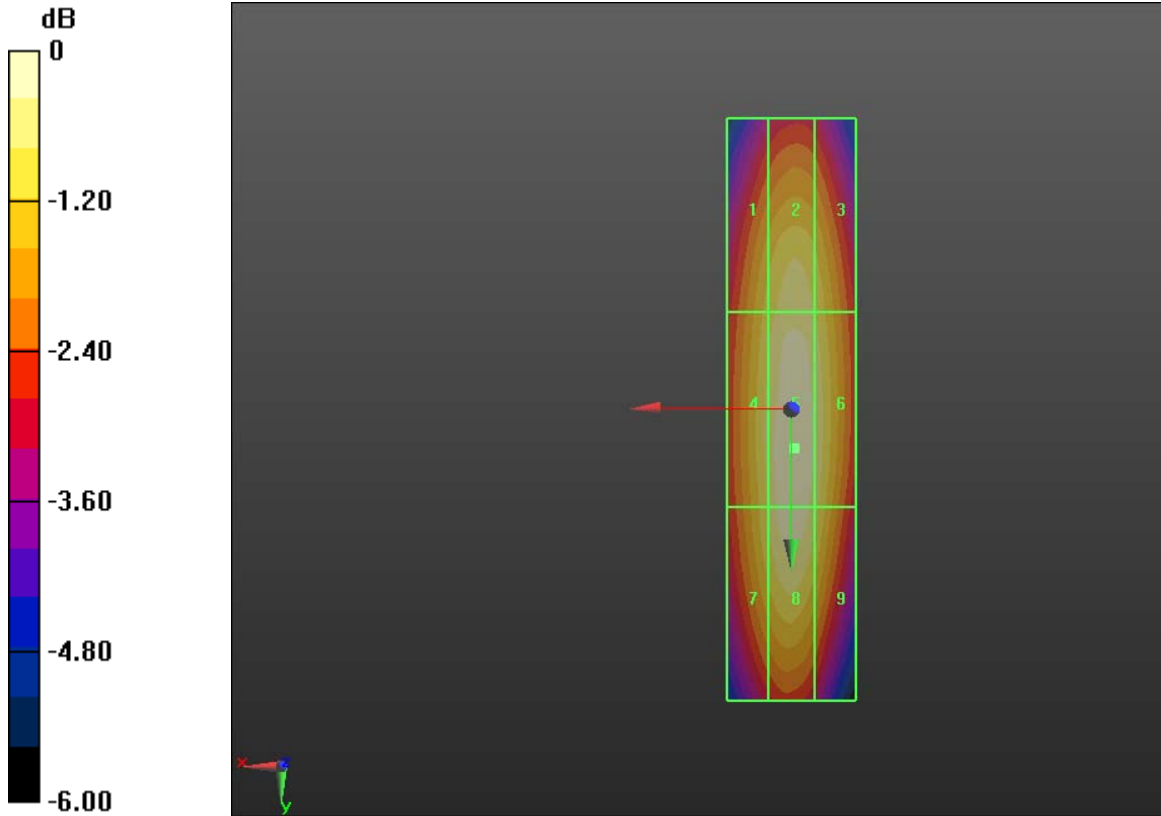
FCC ID
L6AREQ70UW

Peak H-field in A/m

Grid 1 0.429 M4	Grid 2 0.450 M4	Grid 3 0.439 M4
Grid 4 0.449 M4	Grid 5 0.482 M4	Grid 6 0.458 M4
Grid 7 0.441 M4	Grid 8 0.475 M4	Grid 9 0.448 M4

Cursor:

Total = 0.482 A/m
 H Category: M4
 Location: -0.5, 6, 4.7 mm



0 dB = 0.480A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 55 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 3/23/2011 3:34:08 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_AM80%835 MHz_GSM

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: AM 80%; Communication System Band: D835 (835.0 MHz);
Frequency: 835 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.302 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.326 A/m; Power Drift = -0.16 dB

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



Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
2011**

Report No
RTS-5955-1110-80

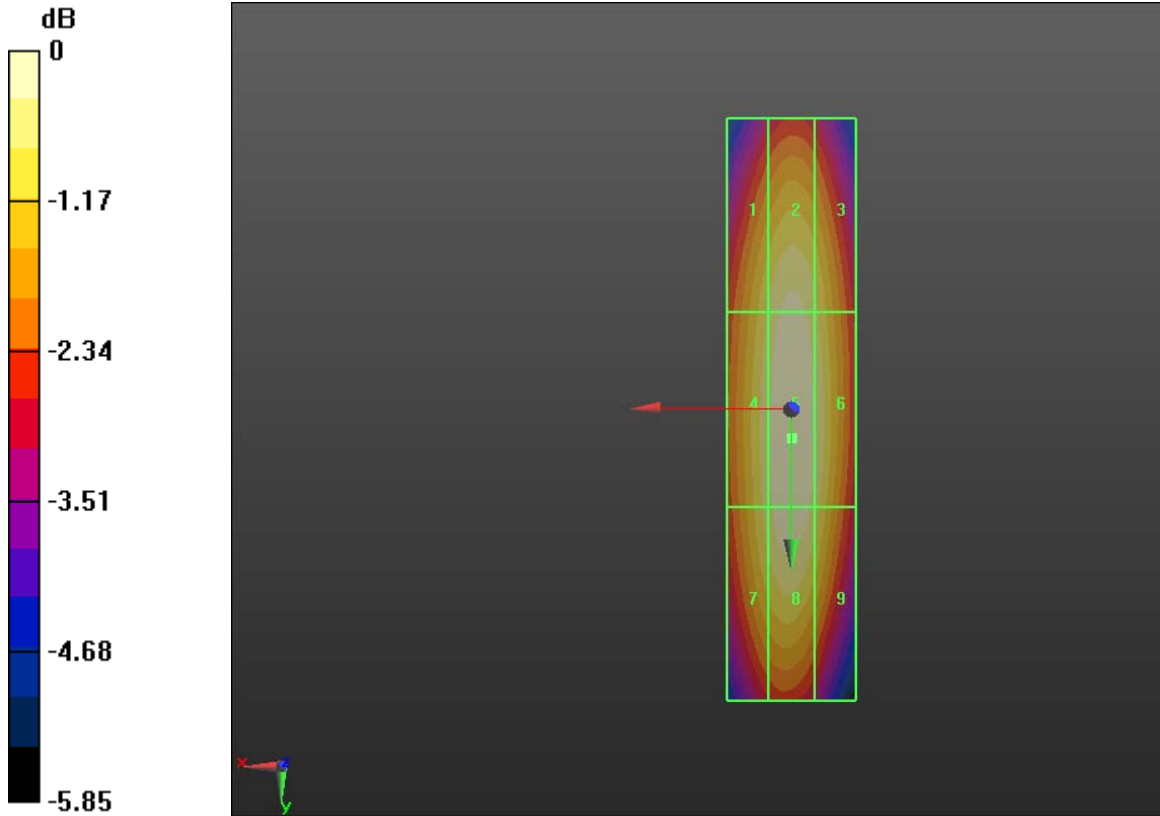
FCC ID
L6AREQ70UW

Peak H-field in A/m

Grid 1 0.276 M4	Grid 2 0.292 M4	Grid 3 0.279 M4
Grid 4 0.286 M4	Grid 5 0.302 M4	Grid 6 0.289 M4
Grid 7 0.283 M4	Grid 8 0.299 M4	Grid 9 0.281 M4

Cursor:

Total = 0.302 A/m
H Category: M4
Location: 0, 4.5, 4.7 mm



0 dB = 0.300A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 57 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 3:32:16 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_UMTS_band V_835 MHz

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: WCDMA FDD V; Frequency: 835 MHz; Communication System

PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.168 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.178 A/m; Power Drift = 0.23 dB

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



Peak H-field in A/m

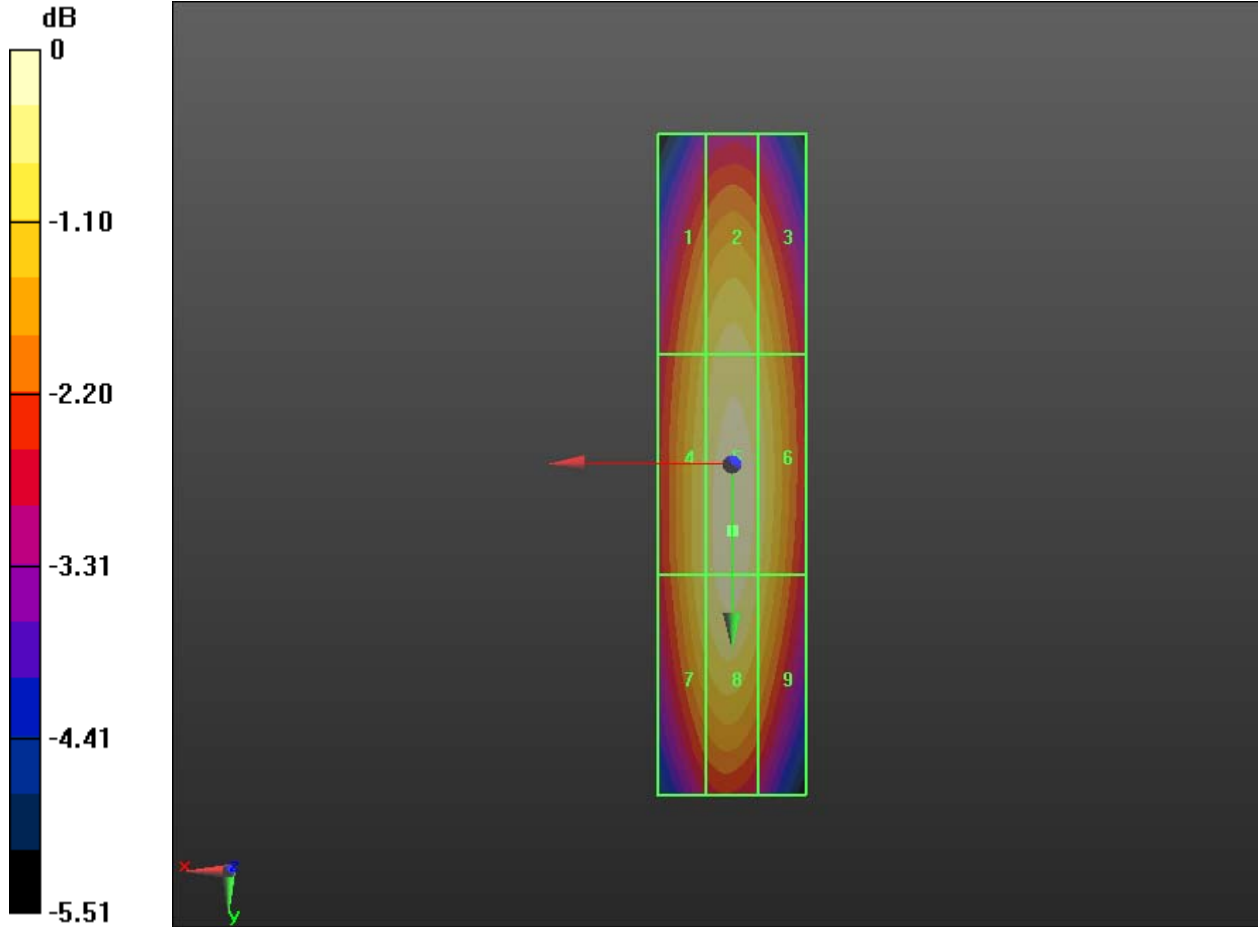
Grid 1	Grid 2	Grid 3
0.153 M4	0.160 M4	0.154 M4
Grid 4	Grid 5	Grid 6
0.160 M4	0.168 M4	0.161 M4
Grid 7	Grid 8	Grid 9
0.159 M4	0.166 M4	0.157 M4

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.170A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 60 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 3:41:08 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_CW835 MHz

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: CW; Communication System Band: D835 (835.0 MHz); Frequency: 835 MHz; Communication System PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.166 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.177 A/m; Power Drift = -0.10 dB

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



Peak H-field in A/m

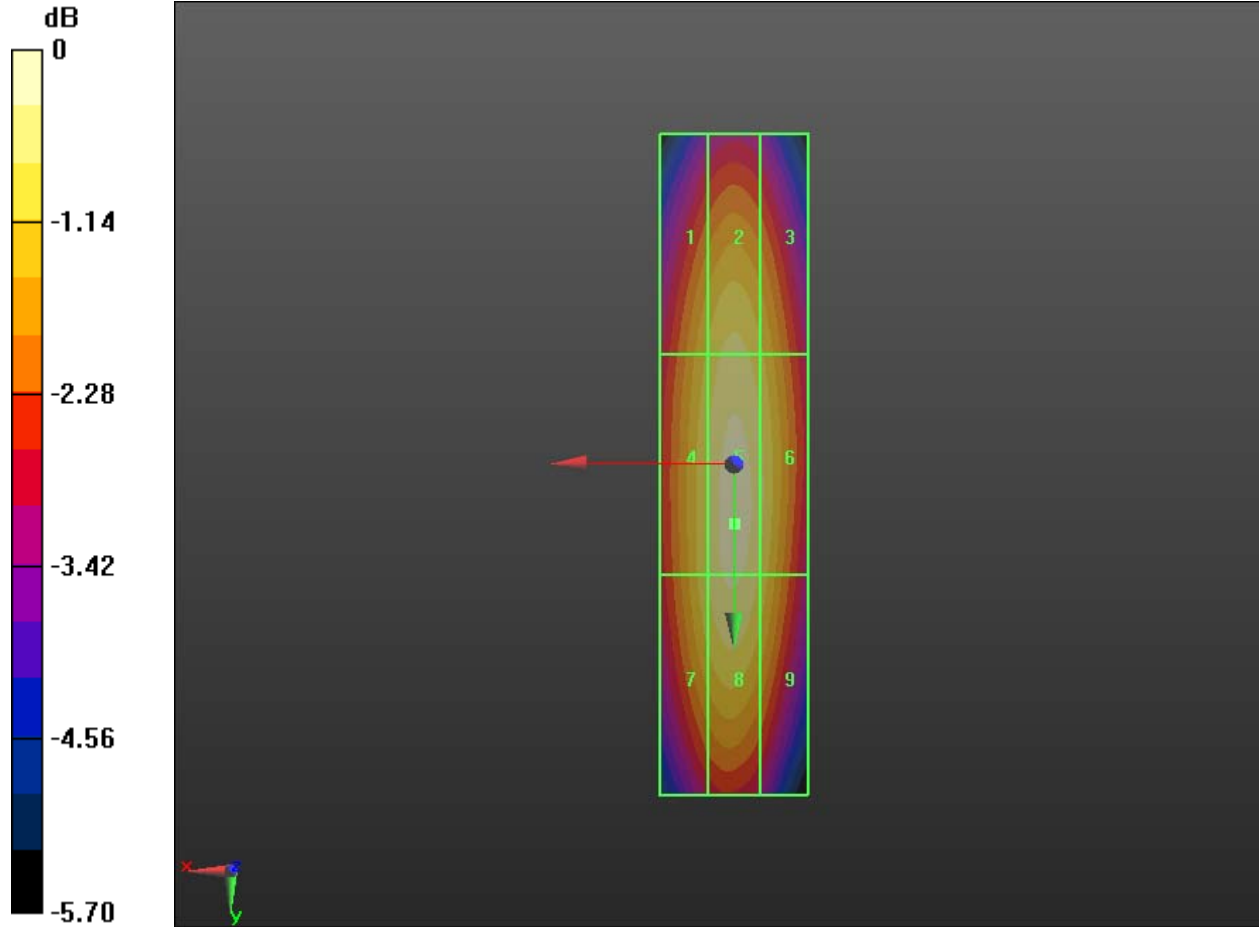
Grid 1	Grid 2	Grid 3
0.151 M4	0.158 M4	0.151 M4
Grid 4	Grid 5	Grid 6
0.157 M4	0.166 M4	0.159 M4
Grid 7	Grid 8	Grid 9
0.156 M4	0.164 M4	0.155 M4

Author Data
Daoud Attayi


Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.170A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 63 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 3:45:30 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_AM80%835 MHz

DUT: HAC-Dipole 835 MHz; Type: D835V3

Communication System: AM 80%; Communication System Band: D835 (835.0 MHz);
Frequency: 835 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid

Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.106 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.113 A/m; Power Drift = 0.0097 dB

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



Document	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW	Page	64 (132)
----------	---	------	-----------------

Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Peak H-field in A/m

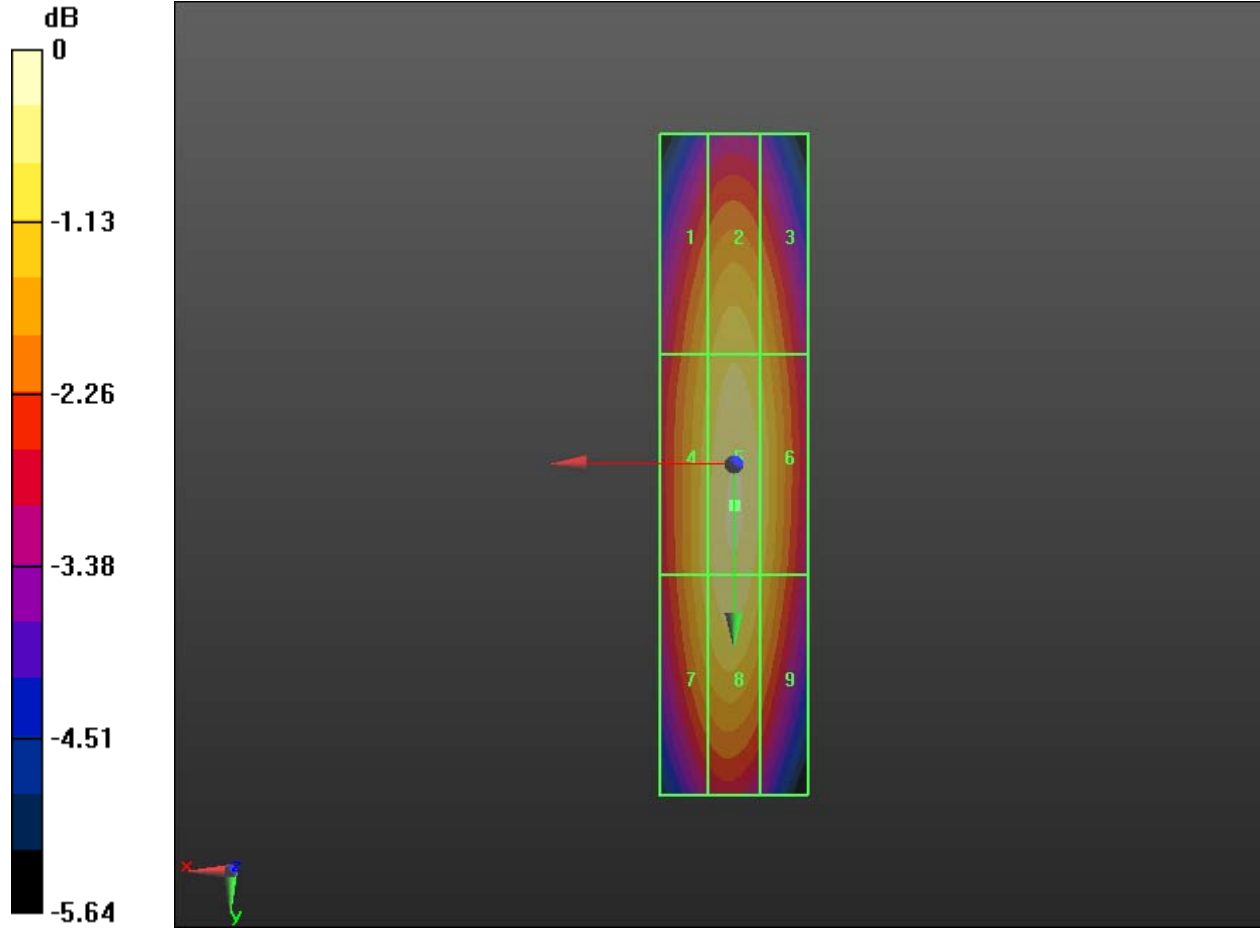
Grid 1	Grid 2	Grid 3
0.096 M4	0.100 M4	0.096 M4
Grid 4	Grid 5	Grid 6
0.100 M4	0.106 M4	0.101 M4
Grid 7	Grid 8	Grid 9
0.100 M4	0.104 M4	0.098 M4

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.110A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 66 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 3:07:35 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_validation_1880 MHz_10_20_11

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Frequency: 1880 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid

Compatibility Test (41x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.464 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.494 A/m; Power Drift = -0.04 dB

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

Peak H-field in A/m



Grid 1	Grid 2	Grid 3
0.433 M2	0.448 M2	0.426 M2
Grid 4	Grid 5	Grid 6
0.446 M2	0.464 M2	0.439 M2
Grid 7	Grid 8	Grid 9
0.435 M2	0.453 M2	0.428 M2

Cursor:

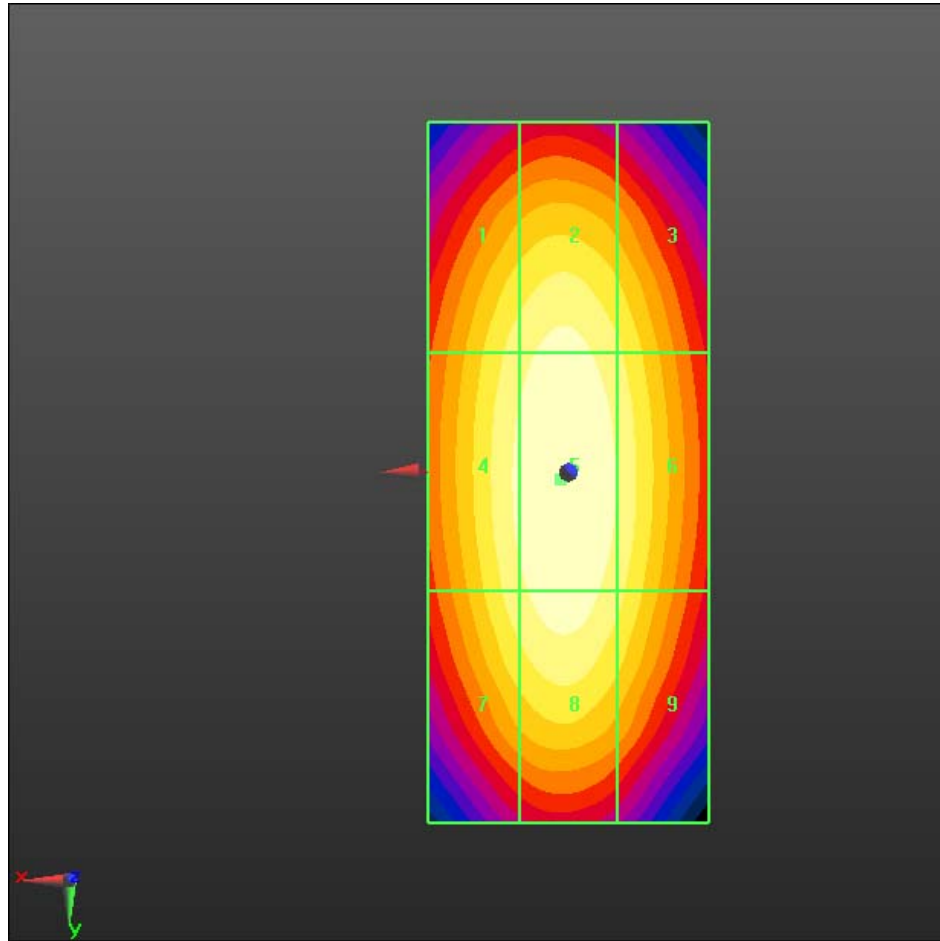
Total = 0.464 A/m
H Category: M2
Location: 0.5, 0.5, 4.7 mm

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.460A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 69 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 3/23/2011 1:03:25 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_GSM_1880 MHz

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: GSM 1900; Frequency: 1880 MHz; Communication System PAR: 9.191 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid

Compatibility Test (41x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.099 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.105 A/m; Power Drift = 0.04 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

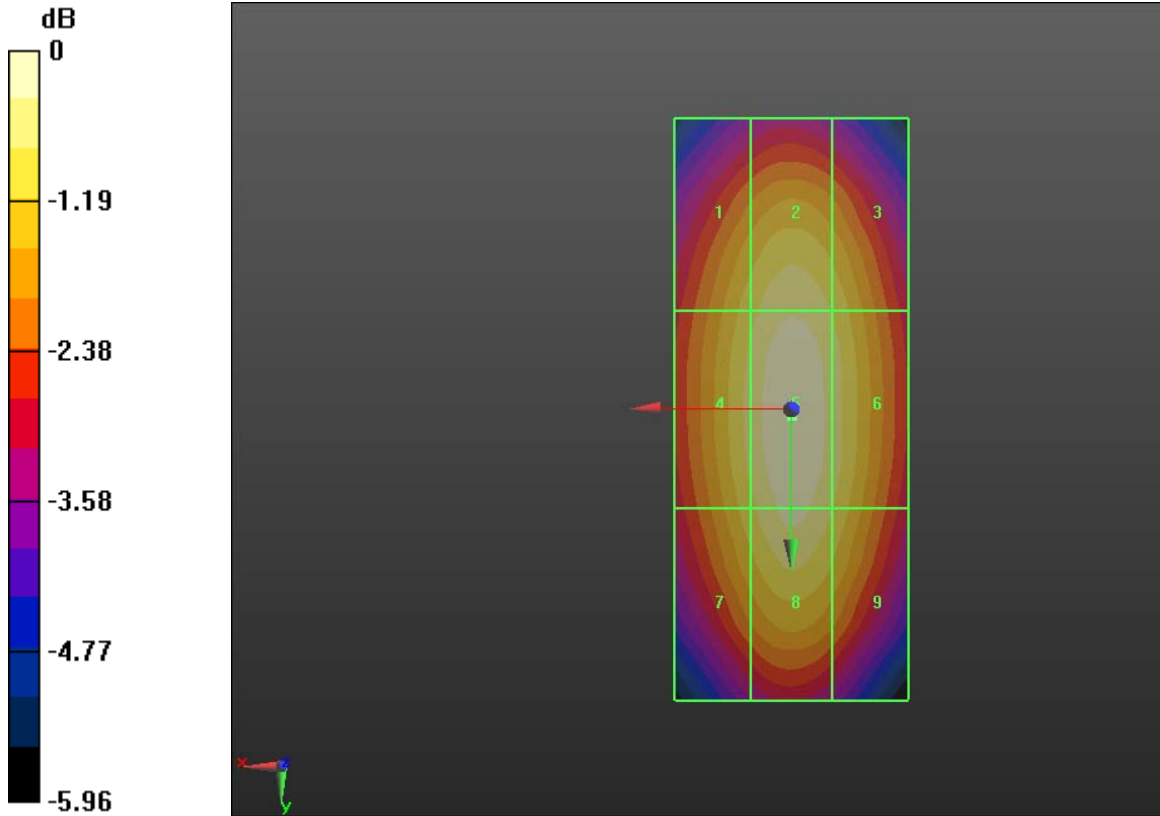
FCC ID
L6AREQ70UW

Peak H-field in A/m

Grid 1 0.090 M4	Grid 2 0.095 M4	Grid 3 0.091 M4
Grid 4 0.093 M4	Grid 5 0.099 M4	Grid 6 0.094 M4
Grid 7 0.090 M4	Grid 8 0.097 M4	Grid 9 0.091 M4

Cursor:

Total = 0.099 A/m
 H Category: M4
 Location: 0, 0.5, 4.7 mm



0 dB = 0.100A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 71 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 3/23/2011 12:41:56 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_CW1880 MHz_GSM

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid

Compatibility Test (41x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.284 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.302 A/m; Power Drift = -0.03 dB

Hearing Aid Near-Field Category: M3 (AWF 0 dB)

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

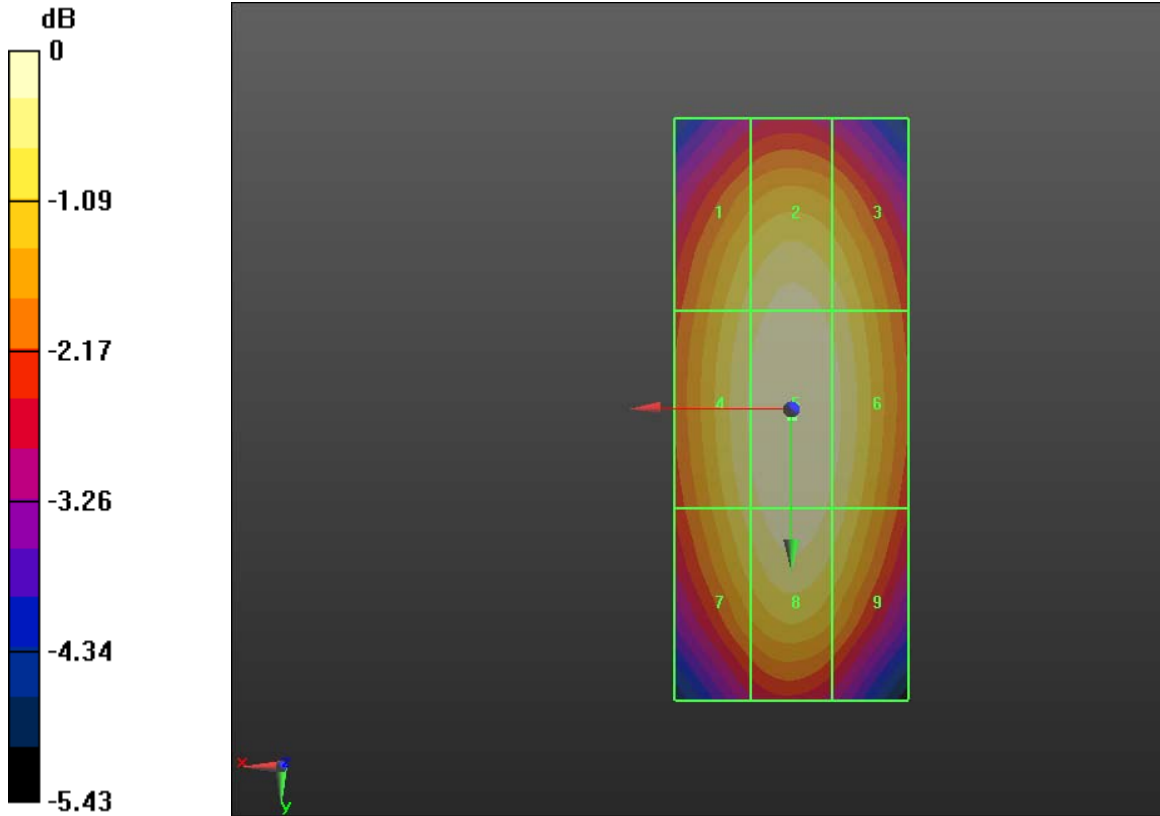
FCC ID
L6AREQ70UW

Peak H-field in A/m

Grid 1 0.263 M3	Grid 2 0.274 M3	Grid 3 0.265 M3
Grid 4 0.271 M3	Grid 5 0.284 M3	Grid 6 0.274 M3
Grid 7 0.263 M3	Grid 8 0.278 M3	Grid 9 0.266 M3

Cursor:

Total = 0.284 A/m
 H Category: M3
 Location: 0, 0.5, 4.7 mm



0 dB = 0.280A/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		73 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 3/23/2011 12:51:39 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_AM80%1880 MHz_GSM

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: AM 80%; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1880 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid

Compatibility Test (41x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.184 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.196 A/m; Power Drift = -0.02 dB

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

Author Data
Daoud Attayi

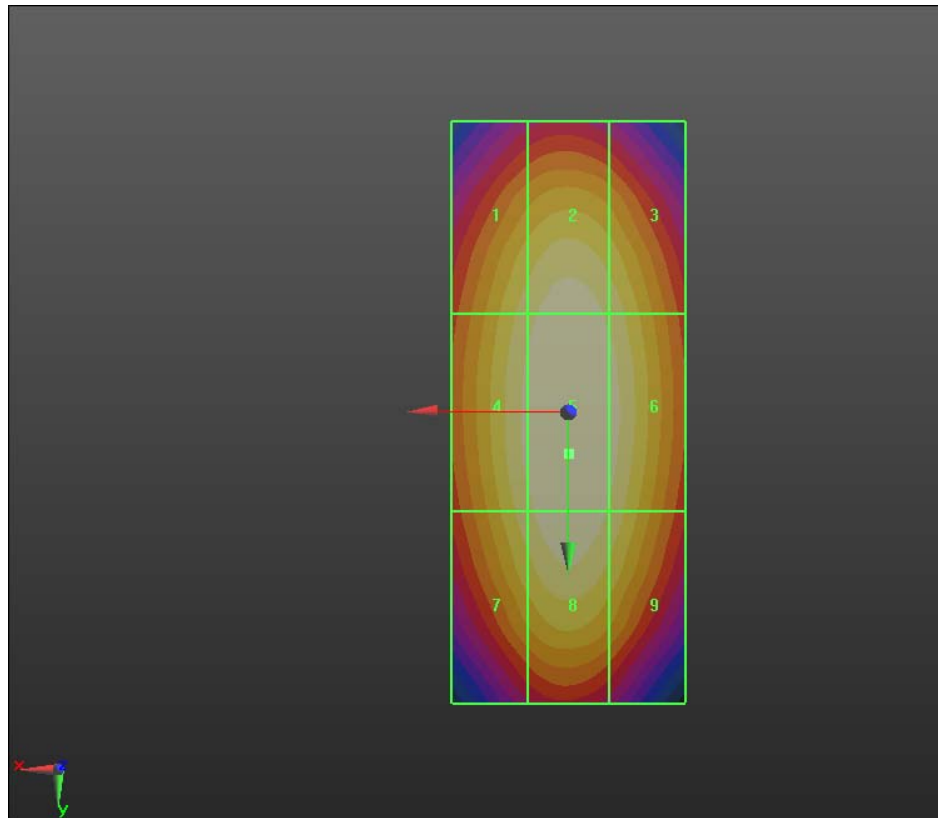
Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80


FCC ID
L6AREQ70UW

Peak H-field in A/m

Grid 1 0.170 M4	Grid 2 0.178 M4	Grid 3 0.171 M4
Grid 4 0.175 M4	Grid 5 0.184 M4	Grid 6 0.177 M4
Grid 7 0.170 M4	Grid 8 0.180 M4	Grid 9 0.172 M4



0 dB = 0.180A/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		75 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 2/28/2011 2:57:08 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_UMTS_band II_1880 MHz

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: WCDMA FDD II; Frequency: 1880 MHz; Communication System PAR: 0 dB
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Phantom section: RF Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid

Compatibility Test (41x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.138 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.147 A/m; Power Drift = 0.04 dB

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

Peak H-field in A/m		
Grid 1	Grid 2	Grid 3
0.127 M4	0.134 M4	0.128 M4

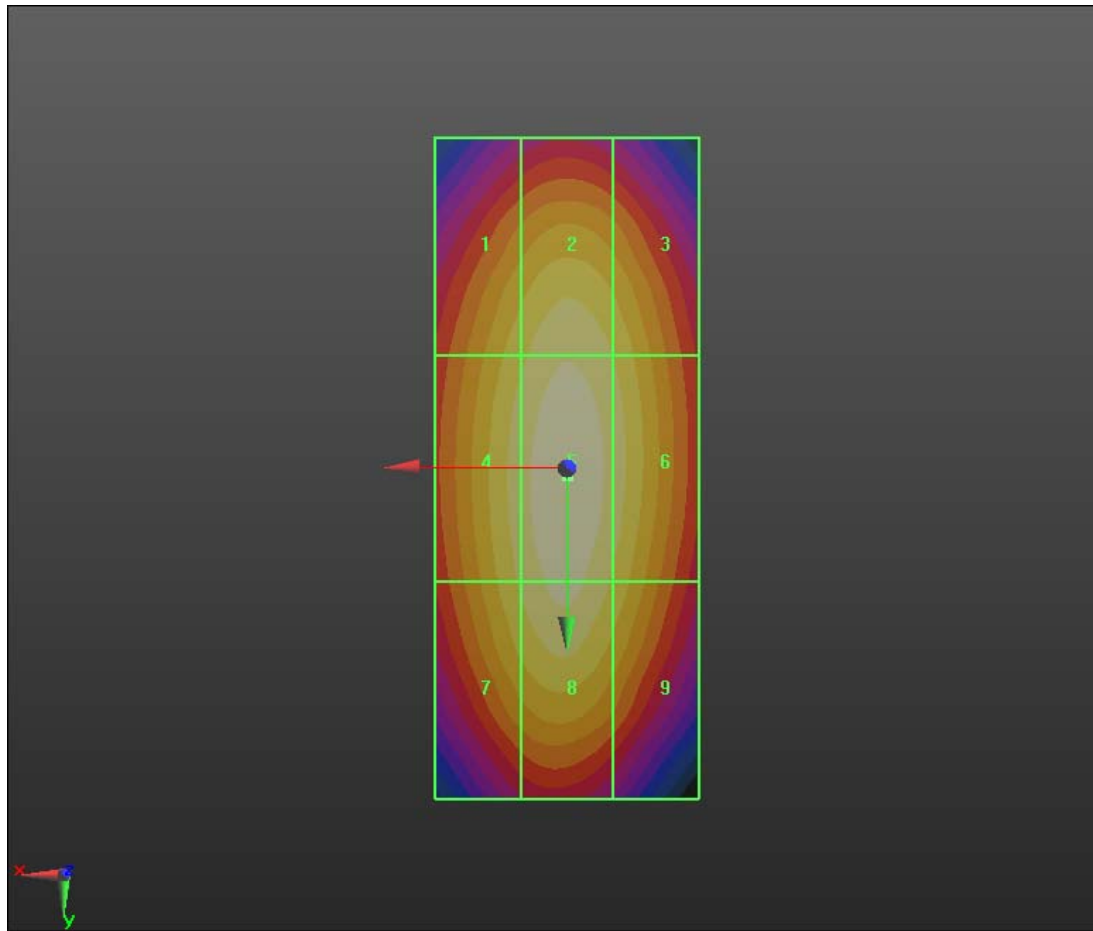
Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 4 0.132 M4	Grid 5 0.138 M4	Grid 6 0.132 M4
Grid 7 0.129 M4	Grid 8 0.136 M4	Grid 9 0.127 M4



0 dB = 0.140A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 77 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 2/28/2011 2:40:44 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_CW1880 MHz

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid

Compatibility Test (41x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.155 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.163 A/m; Power Drift = 0.06 dB

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



Peak H-field in A/m

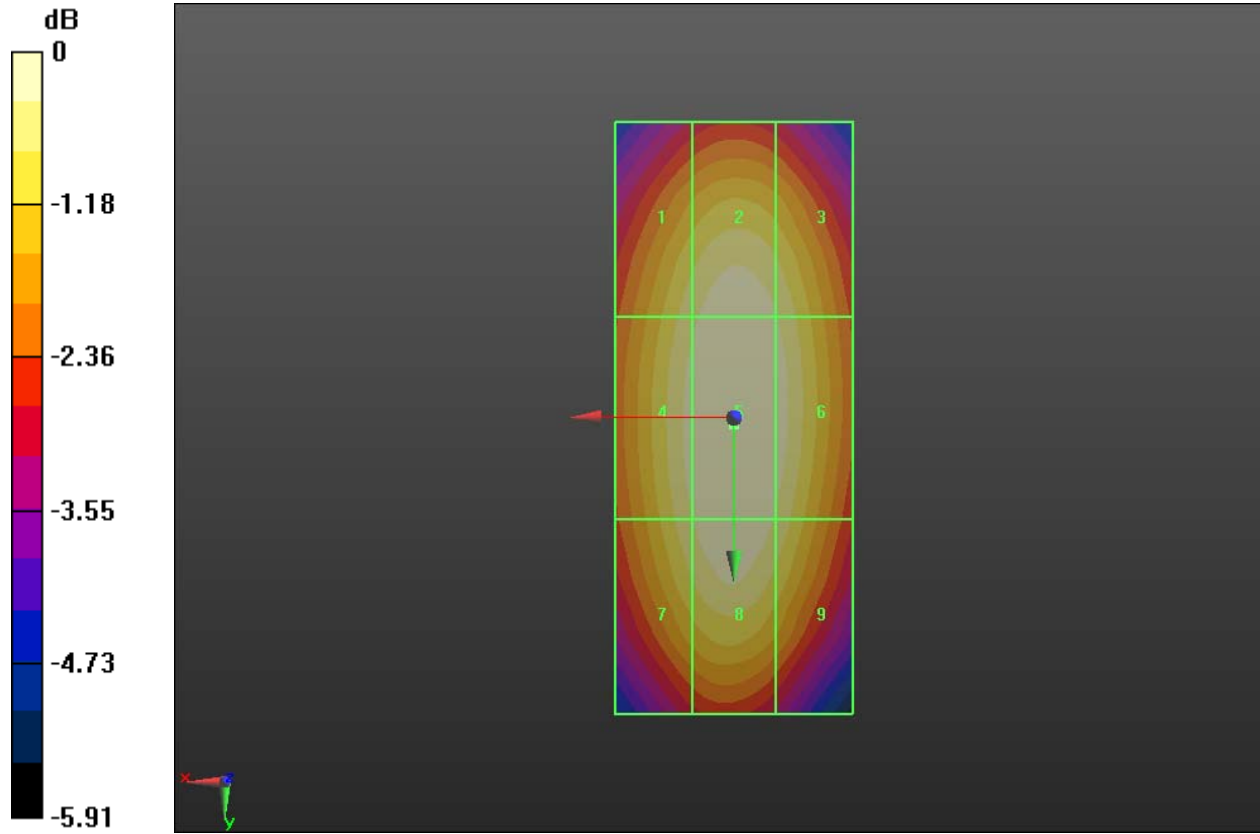
Grid 1	Grid 2	Grid 3
0.142 M4	0.149 M4	0.144 M4
Grid 4	Grid 5	Grid 6
0.147 M4	0.155 M4	0.148 M4
Grid 7	Grid 8	Grid 9
0.143 M4	0.151 M4	0.143 M4

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.150A/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		80 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 2/28/2011 2:44:44 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_PMF_AM80%1880 MHz

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: AM 80%; Communication System Band: D1900 (1900.0 MHz);
Frequency: 1880 MHz; Communication System PAR: 0 dB
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn881; Calibrated: 4/19/2010
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Dipole H-Field measurement with H3DV6 probe/H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid

Compatibility Test (41x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.099 A/m

Probe Modulation Factor = 1.000

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.106 A/m; Power Drift = 0.0091 dB

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



Document	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW	Page	81 (132)
----------	---	------	-----------------

Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Peak H-field in A/m

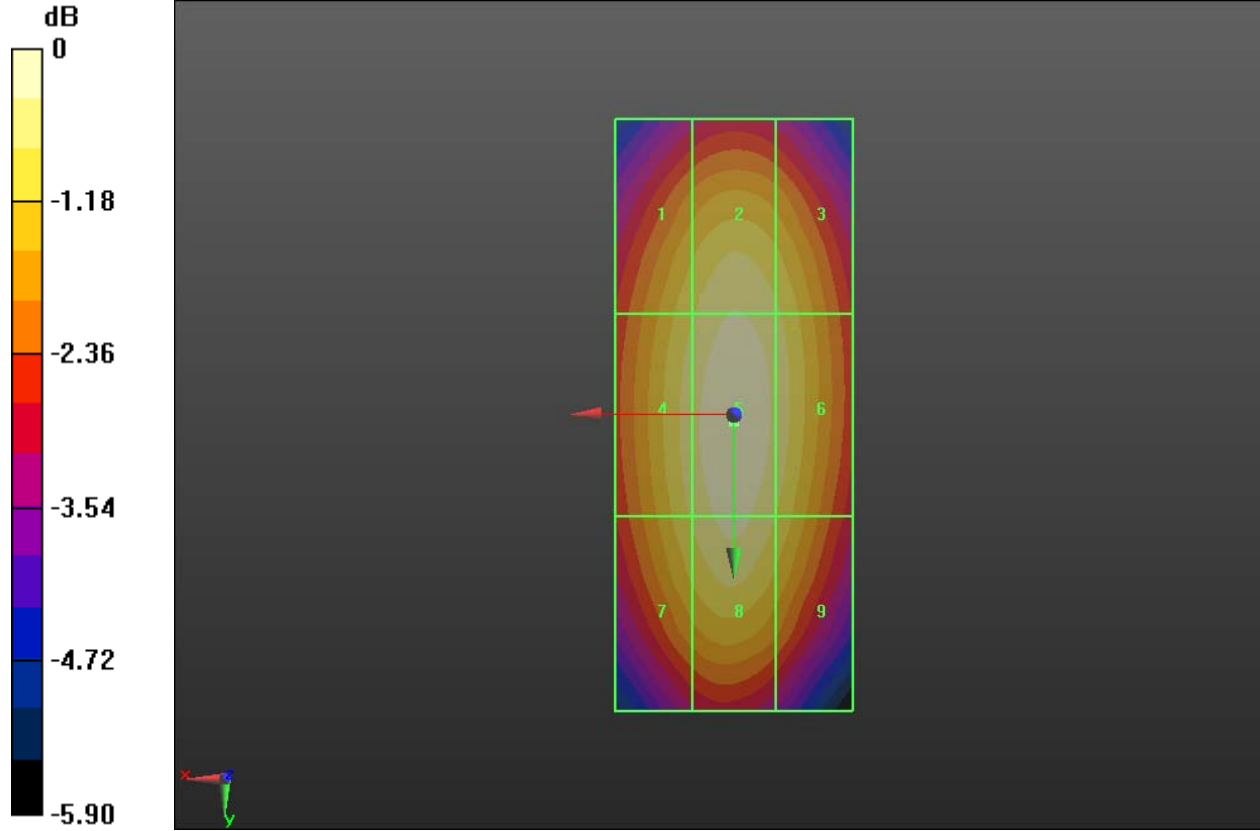
Grid 1	Grid 2	Grid 3
0.091 M4	0.096 M4	0.092 M4
Grid 4	Grid 5	Grid 6
0.094 M4	0.099 M4	0.095 M4
Grid 7	Grid 8	Grid 9
0.092 M4	0.097 M4	0.091 M4

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

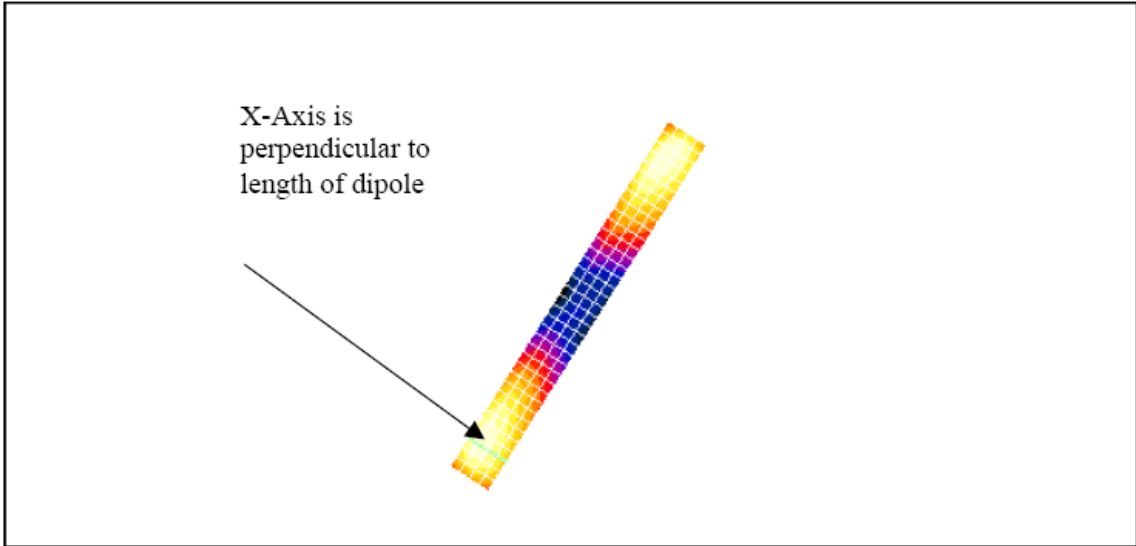
Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.100A/m


	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 83 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80



The green line in this figure shows the axis along which the points lie.

Comparison of 5mm and 2mm step sizes

An additional set of measurements was taken: dipole validations were performed using 5mm and 2mm step sizes. The delta between the two readings is insignificant for both field types (< 0.4% for E and 0% for H), demonstrating that 5mm is sufficient. The plots follow.

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		84 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 14/07/2005 11:35:24 AM

Page 1 of 2

Date/Time: 14/07/2005 11:35:24 AM

Lab: RIM Testing Services (RTS)

Dipole Validation 1880 MHz_E-Field 07_14_05

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2285; ConvF(1, 1, 1); Calibrated: 10/12/2004
- Sensor-Surface: 0mm (Fix Surface) Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 03/01/2005
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (5x19x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of Total (measured) = 134.8 V/m

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (41x181x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of Total field (slot averaged) = 131.0 V/m

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

E in V/m (Time averaged) E in V/m (Slot averaged)

Grid 1	Grid 2	Grid 3	Grid 1	Grid 2	Grid 3
123.2	138.1	138.4	123.2	138.1	138.4
Grid 4	Grid 5	Grid 6	Grid 4	Grid 5	Grid 6
80.9	92.3	92.2	80.9	92.3	92.2
Grid 7	Grid 8	Grid 9	Grid 7	Grid 8	Grid 9
119.8	131.0	130.7	119.8	131.0	130.7

Category	AWF (dB)	Limits for E-Field Emissions (V/m)	Limits for H-Field Emissions (A/m)
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.15 - 0.25
M4	0	<63.1	<0.19

file://C:\Program%20Files\DASY4\Print_Templates\Dipole%20Validation%201880%20... 14/07/2005

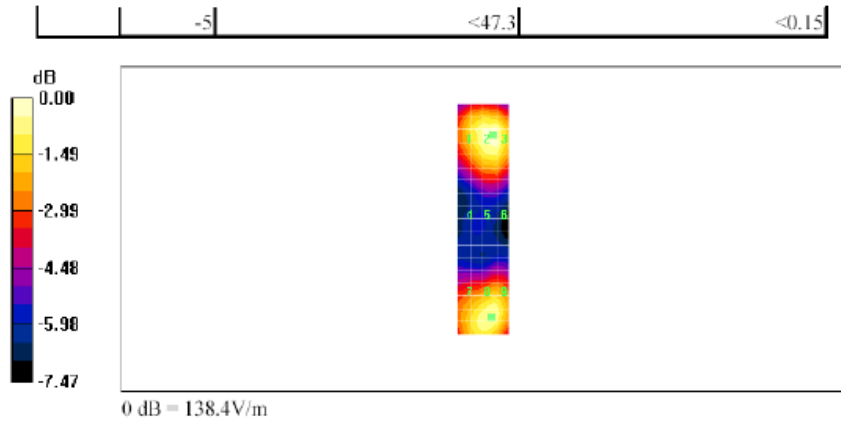


Document	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW	Page	85 (132)
----------	---	------	-----------------

Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 14/07/2005 11:35:24 AM

Page 2 of 2



file://C:\Program%20Files\DASY4\Print_Templates\Dipole%20Validation%201880%20... 14/07/2005

This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 86 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 14/07/2005 11:44:51 AM

Page 1 of 2

Date/Time: 14/07/2005 11:44:51 AM

Lab: RIM Testing Services (RTS)

Dipole Validation 1880 MHz_2mm step_E-Field 07_14_05

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
Phantom section: H Device Section

DASY4 Configuration:

- Probe: ER3DV6 - SN2285; ConvF(1, 1, 1); Calibrated: 10/12/2004
- Sensor-Surface: 0mm (Fix Surface) Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 03/01/2005
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (11x46x1):

Measurement grid: dx=2mm, dy=2mm
Maximum value of Total (measured) = 138.0 V/m

E Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (101x451x1):

Measurement grid: dx=2mm, dy=2mm
Maximum value of Total field (slot averaged) = 131.2 V/m

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

E in V/m (Time averaged) E in V/m (Slot averaged)

Grid 1	Grid 2	Grid 3	Grid 1	Grid 2	Grid 3
123.1	138.6	138.6	123.1	138.6	138.6
Grid 4	Grid 5	Grid 6	Grid 4	Grid 5	Grid 6
81.4	92.1	91.6	81.4	92.1	91.6
Grid 7	Grid 8	Grid 9	Grid 7	Grid 8	Grid 9
121.3	131.2	131.0	121.3	131.2	131.0

Category	AWF (dB)	Limits for E-Field Emissions (V/m)	Limits for H-Field Emissions (A/m)
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.15 - 0.25
M4	0	<63.1	<0.19

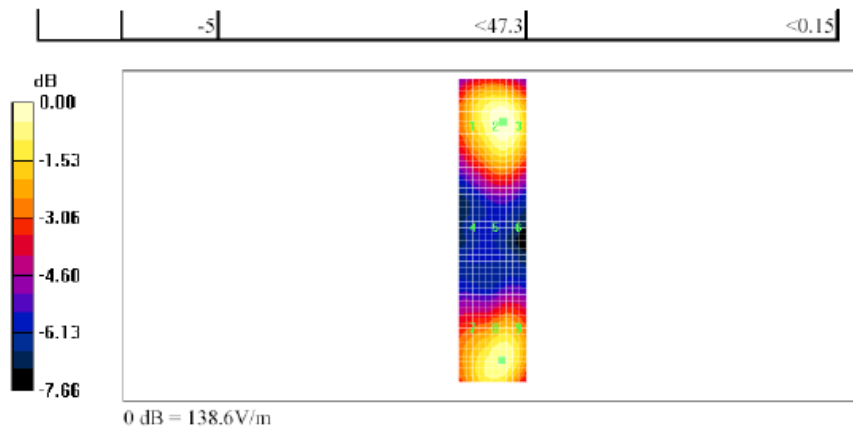
file://C:\Program%20Files\DASY4\Print_Templates\Dipole%20Validation%201880%20... 14/07/2005

This report shall **NOT** be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 87 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 14/07/2005 11:44:51 AM

Page 2 of 2



file://C:\Program%20Files\DASY4\Print_Templates\Dipole%20Validation%201880%20... 14/07/2005

This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
 Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited



Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80	FCC ID L6AREQ70UW
------------------------------------	---	--------------------------------------	-----------------------------

Date/Time: 14/07/2005 12:43:02 PM

Page 1 of 2

Date/Time: 14/07/2005 12:43:02 PM

Lab: RIM Testing Services (RTS)

HAC_H_Dipole_CW 1880_5 mm step_07_14_05

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 10/12/2004
- Sensor-Surface: 0mm (Fix Surface) Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 03/01/2005
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

H Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (5x19x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of Total (measured) = 0.406 A/m

H Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (41x181x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of Total field (slot averaged) = 0.406 A/m

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

H in A/m (Time averaged) H in A/m (Slot averaged)

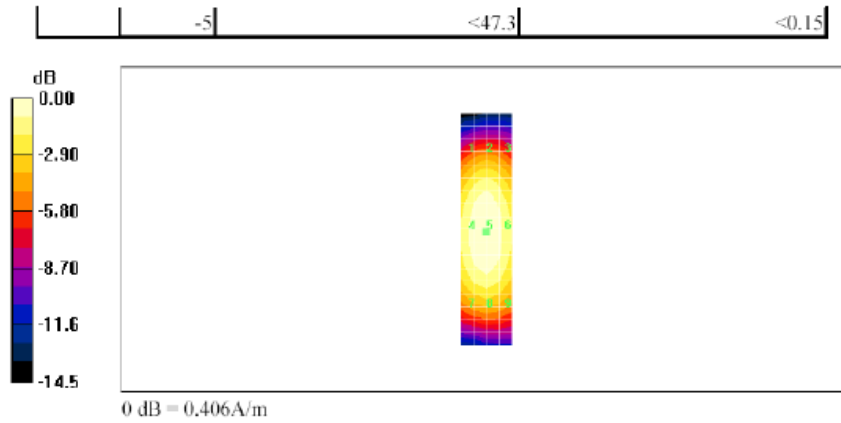
Grid 1	Grid 2	Grid 3	Grid 1	Grid 2	Grid 3
0.342	0.359	0.344	0.342	0.359	0.344
Grid 4	Grid 5	Grid 6	Grid 4	Grid 5	Grid 6
0.389	0.406	0.389	0.389	0.406	0.389
Grid 7	Grid 8	Grid 9	Grid 7	Grid 8	Grid 9
0.363	0.378	0.363	0.363	0.378	0.363

Category	AWF (dB)	Limits for E-Field Emissions (V/m)	Limits for H-Field Emissions (A/m)
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.15 - 0.25
M4	0	<63.1	<0.19

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 89 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80


Date/Time: 14/07/2005 12:43:02 PM

Page 2 of 2



file://C:\Program%20Files\DASY4\Print_Templates\HAC_H_Dipole_CW%201880_5%... 14/07/2005

This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 90 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 14/07/2005 12:53:40 PM

Page 1 of 2

Date/Time: 14/07/2005 12:53:40 PM

Lab: RIM Testing Services (RTS)

HAC_H_Dipole_CW 1880_2 mm step_07_14_05

DUT: HAC Dipole 1880 MHz; Type: CD1880V3

Communication System: CW; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: H Dipole Section

DASY4 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 10/12/2004
- Sensor-Surface: 0mm (Fix Surface)Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 03/01/2005
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

H Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (11x46x1):

Measurement grid: dx=2mm, dy=2mm
Maximum value of Total (measured) = 0.406 A/m

H Scan 10mm above CD 1880 MHz/Hearing Aid Compatibility Test (101x451x1):

Measurement grid: dx=2mm, dy=2mm
Maximum value of Total field (slot averaged) = 0.406 A/m

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

H in A/m (Time averaged) H in A/m (Slot averaged)

Grid 1	Grid 2	Grid 3	Grid 1	Grid 2	Grid 3
0.347	0.361	0.348	0.347	0.361	0.348
Grid 4	Grid 5	Grid 6	Grid 4	Grid 5	Grid 6
0.394	0.406	0.391	0.394	0.406	0.391
Grid 7	Grid 8	Grid 9	Grid 7	Grid 8	Grid 9
0.367	0.380	0.365	0.367	0.380	0.365

Category	AWF (dB)	Limits for E-Field Emissions (V/m)	Limits for H-Field Emissions (A/m)
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.15 - 0.25
M4	0	<63.1	<0.19

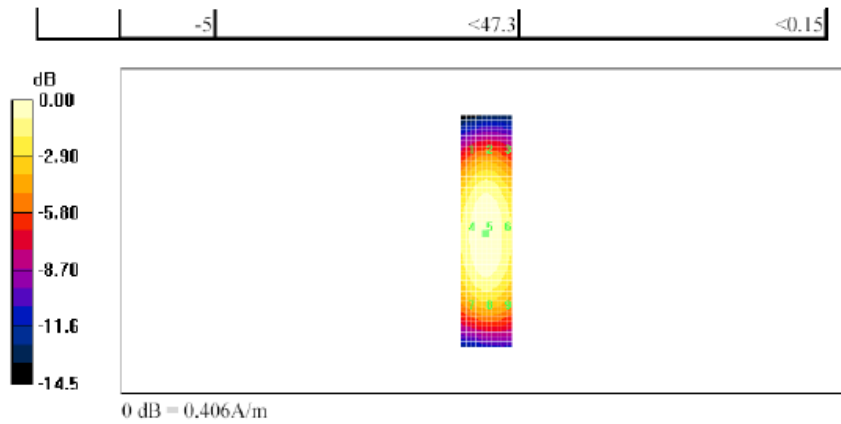
file://C:\Program%20Files\DASY4\Print_Templates\HAC_H_Dipole_CW%201880_2%... 14/07/2005



Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 91 (132)	
Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80	FCC ID L6AREQ70UW

Date/Time: 14/07/2005 12:53:40 PM

Page 2 of 2



file://C:\Program%20Files\DASY4\Print_Templates\HAC_H_Dipole_CW%201880_2%... 14/07/2005

This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 92 (132)
Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80	FCC ID L6AREQ70UW

A.3 RF emission field plots

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		93 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 10/20/2011 6:30:55 PM, Date/Time: 10/20/2011 6:34:47 PM, Date/Time: 10/20/2011 6:40:16 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_GSM850_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 850; Frequency: 824.2 MHz, Frequency: 836.8 MHz, Frequency: 848.8 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, Low Ch./Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 132.0 V/m

Probe Modulation Factor = 2.940


Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.967 V/m; Power Drift = -0.12 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
103.1 M4	125.3 M4	125.5 M4
Grid 4	Grid 5	Grid 6

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 94 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

111.3 M4	132.0 M4	132.0 M4
Grid 7	Grid 8	Grid 9
121.7 M4	136.1 M4	136.1 M4

**Device E-Field measurement with ER probe/E Scan - ER3D - 2007:
15 mm from Probe Center to the Device, Mid Ch./Hearing Aid**

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 139.5 V/m
 Probe Modulation Factor = 2.940
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 54.026 V/m; Power Drift = -0.11 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 99.616 M4	Grid 2 128.8 M4	Grid 3 129.8 M4
Grid 4 110.8 M4	Grid 5 139.5 M4	Grid 6 140.0 M4
Grid 7 126.0 M4	Grid 8 145.8 M4	Grid 9 145.7 M4

**Device E-Field measurement with ER probe/E Scan - ER3D - 2007:
15 mm from Probe Center to the Device, High Ch./Hearing Aid**

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 147.3 V/m
 Probe Modulation Factor = 2.940
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 56.444 V/m; Power Drift = -0.20 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 108.2 M4	Grid 2 142.2 M4	Grid 3 142.9 M4
---------------------------	---------------------------	---------------------------

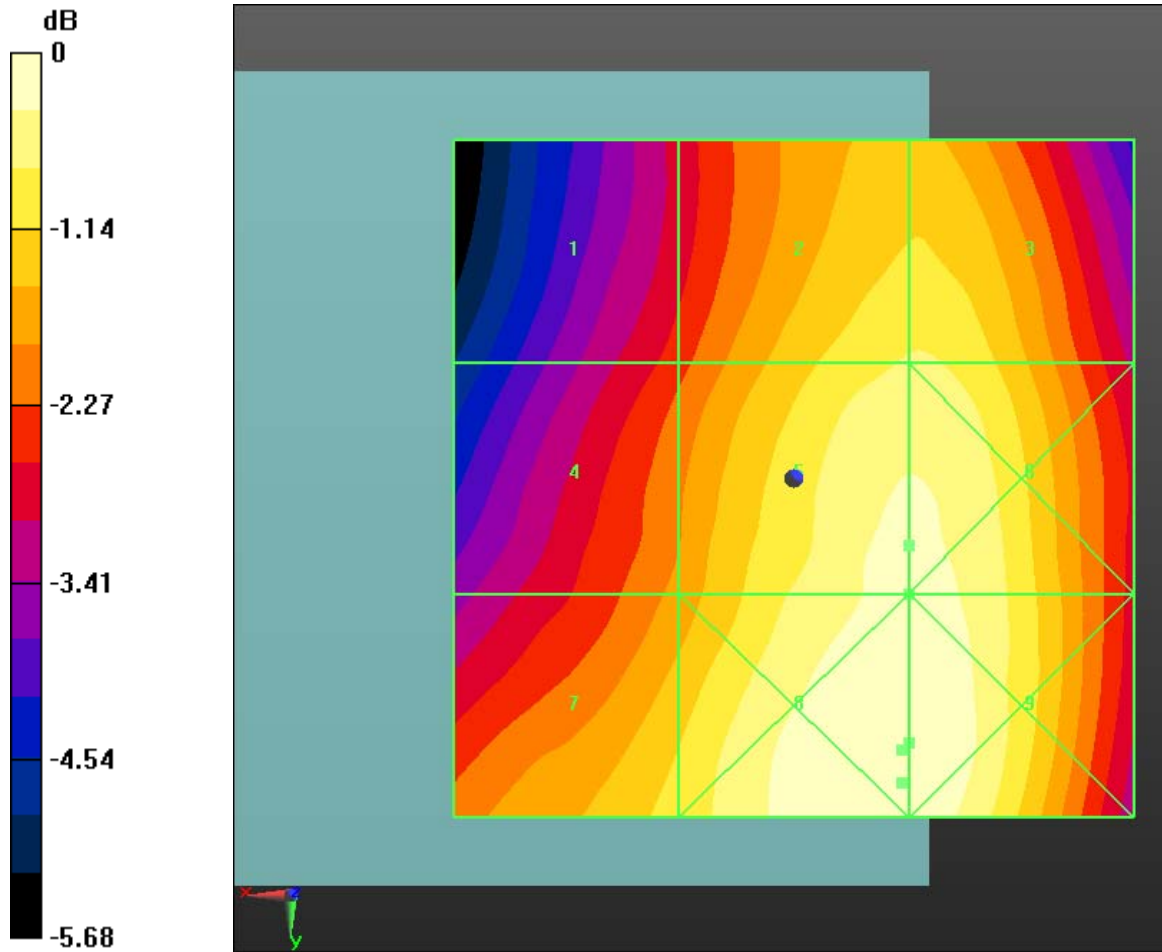
Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 4 113.9 M4	Grid 5 147.3 M4	Grid 6 147.5 M4
Grid 7 125.4 M4	Grid 8 149.3 M4	Grid 9 149.3 M4



0 dB = 136.1V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 96 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 7:02:12 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_GSM850_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 850; Frequency: 848.8 MHz
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 146.2 V/m

Probe Modulation Factor = 2.940

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.661 V/m; Power Drift = -0.04 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 113.7 M4	Grid 2 142.8 M4	Grid 3 142.8 M4
Grid 4 121.6 M4	Grid 5 146.2 M4	Grid 6 145.8 M4
Grid 7 125.8 M4	Grid 8 146.1 M4	Grid 9 145.8 M4

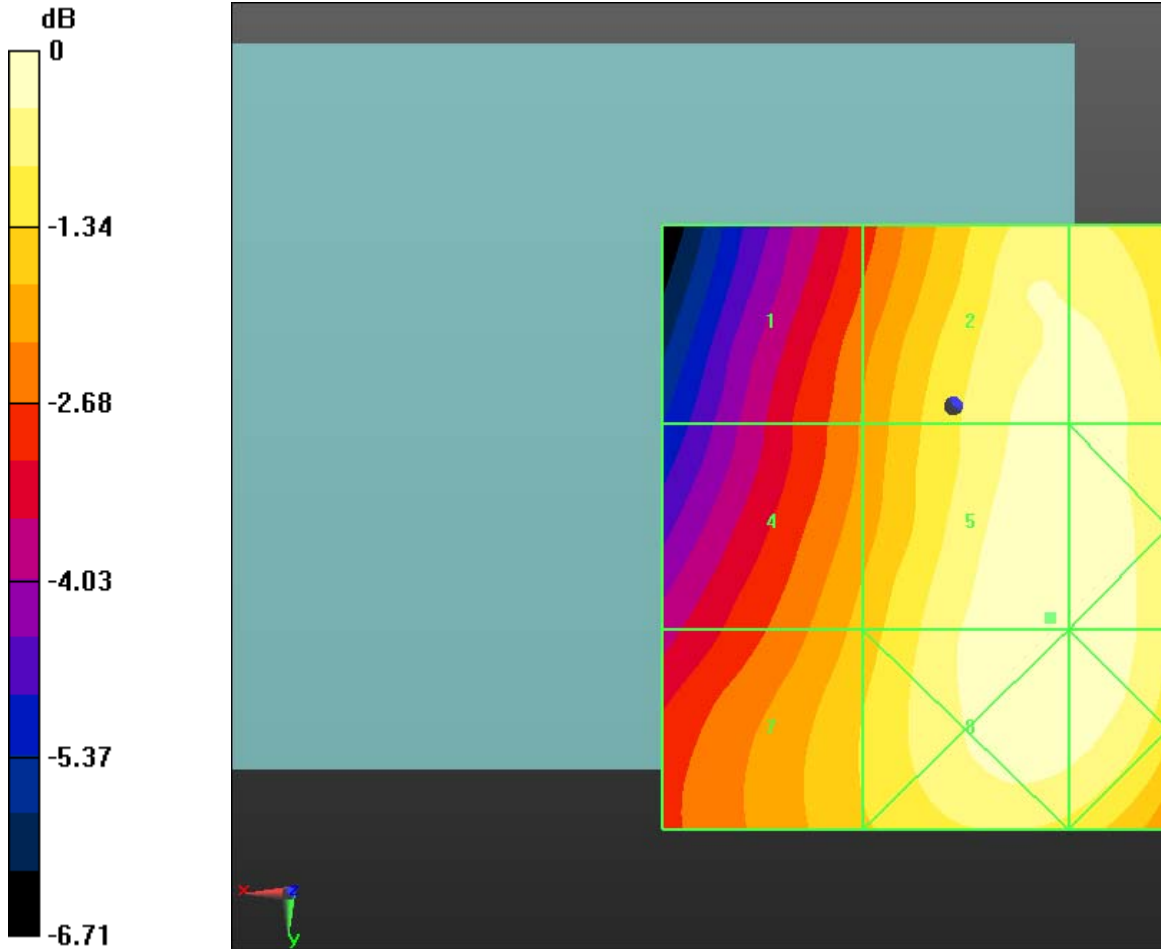
This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 146.2V/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		98 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 10/20/2011 7:37:46 PM, Date/Time: 10/20/2011 7:48:00 PM, Date/Time: 10/20/2011 7:52:22 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_GSM1900_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 1900; Frequency: 1850.2 MHz, Frequency: 1880 MHz, Frequency: 1909.8 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, Low Ch./Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 45.793 V/m

Probe Modulation Factor = 2.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.445 V/m; Power Drift = 0.11 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 43.688 M4	Grid 2 57.739 M3	Grid 3 57.747 M3
Grid 4 22.030 M4	Grid 5 30.578 M4	Grid 6 31.964 M4

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 99 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Grid 7 37.412 M4	Grid 8 45.793 M4	Grid 9 45.793 M4
----------------------------	----------------------------	----------------------------

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, Mid Ch./Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 47.296 V/m
Probe Modulation Factor = 2.970
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 5.244 V/m; Power Drift = -0.10 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 41.093 M4	Grid 2 61.348 M3	Grid 3 61.987 M3
Grid 4 21.109 M4	Grid 5 34.355 M4	Grid 6 37.119 M4
Grid 7 38.825 M4	Grid 8 47.296 M4	Grid 9 47.145 M4

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, High Ch./Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 40.224 V/m
Probe Modulation Factor = 2.970
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 5.507 V/m; Power Drift = -0.0039 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 36.433 M4	Grid 2 58.847 M3	Grid 3 60.565 M3
Grid 4 18.778 M4	Grid 5 34.116 M4	Grid 6 37.751 M4

This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

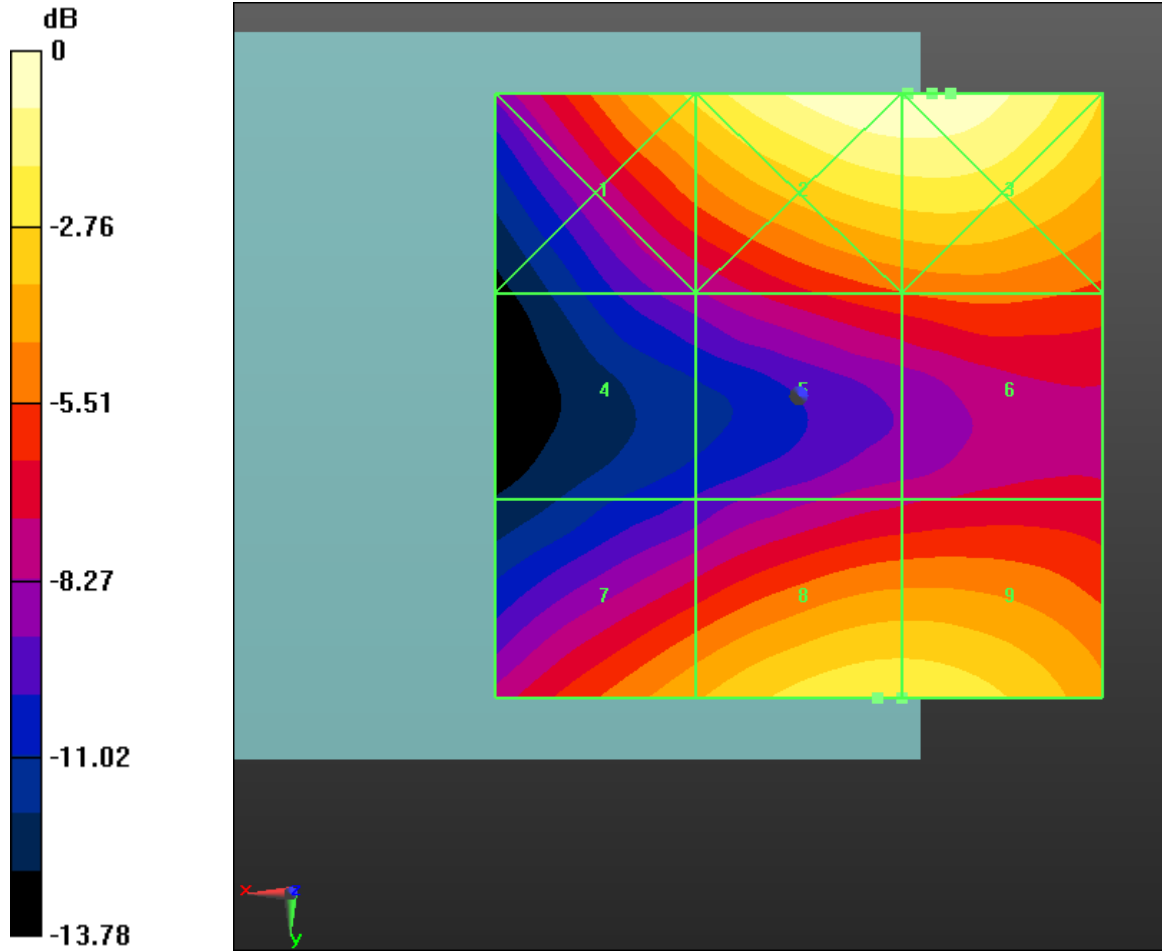
Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 7 33.913 M4	Grid 8 40.224 M4	Grid 9 40.115 M4
----------------------------	----------------------------	----------------------------



0 dB = 57.750V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 101 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 7:59:43 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_GSM1900_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 1900; Frequency: 1880 MHz
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 46.975 V/m

Probe Modulation Factor = 2.970

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 4.921 V/m; Power Drift = 0.17 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1 29.270 M4	Grid 2 45.700 M4	Grid 3 46.975 M4
Grid 4 30.515 M4	Grid 5 37.143 M4	Grid 6 37.243 M4
Grid 7 50.593 M3	Grid 8 52.704 M3	Grid 9 51.762 M3

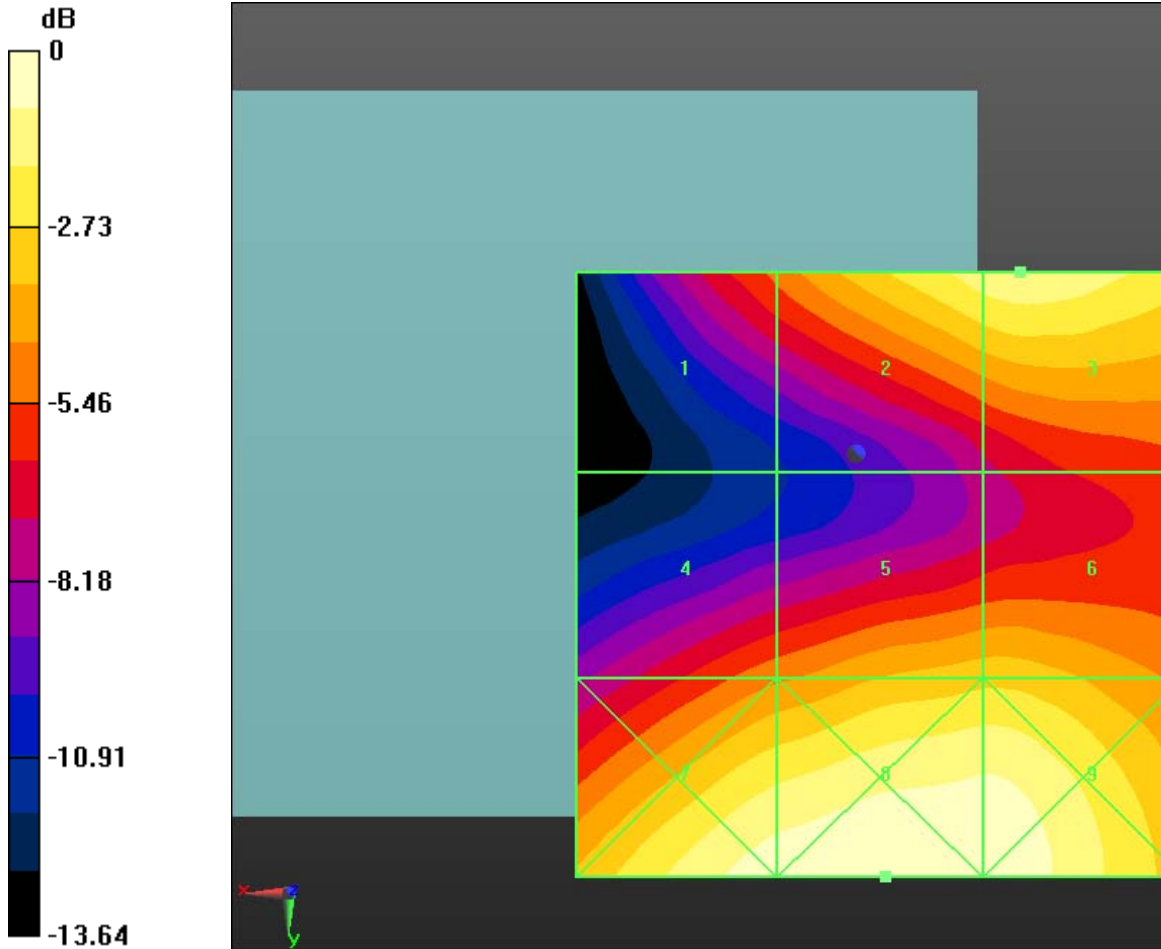
This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 52.700V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 103 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 8:54:56 PM, Date/Time: 10/20/2011 9:02:42 PM, Date/Time: 10/20/2011 8:48:18 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_UMTS_Band_V_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD V; Frequency: 826.4 MHz, Frequency: 836.4 MHz, Frequency: 846.6 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, Low Ch./Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 53.878 V/m

Probe Modulation Factor = 1.010

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 58.638 V/m; Power Drift = 0.18 dB

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

Peak E-field in V/m

Grid 1 41.457 M4	Grid 2 50.804 M4	Grid 3 50.818 M4
Grid 4 44.412 M4	Grid 5 53.878 M4	Grid 6 53.878 M4

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 104 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Grid 7 48.604 M4	Grid 8 55.089 M4	Grid 9 54.999 M4
----------------------------	----------------------------	----------------------------

**Device E-Field measurement with ER probe/E Scan - ER3D - 2007:
15 mm from Probe Center to the Device, Mid Ch./Hearing Aid**

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 59.110 V/m

Probe Modulation Factor = 1.010

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 64.503 V/m; Power Drift = -0.04 dB

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

Peak E-field in V/m

Grid 1 42.484 M4	Grid 2 54.728 M4	Grid 3 54.922 M4
Grid 4 46.908 M4	Grid 5 59.110 M4	Grid 6 59.164 M4
Grid 7 52.984 M4	Grid 8 61.232 M4	Grid 9 61.232 M4

**Device E-Field measurement with ER probe/E Scan - ER3D - 2007:
15 mm from Probe Center to the Device, High Ch./Hearing Aid**

Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 63.978 V/m

Probe Modulation Factor = 1.010

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 69.642 V/m; Power Drift = 0.07 dB

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

Peak E-field in V/m

Grid 1 46.952 M4	Grid 2 60.561 M4	Grid 3 60.639 M4
Grid 4 50.951 M4	Grid 5 63.978 M4	Grid 6 63.983 M4

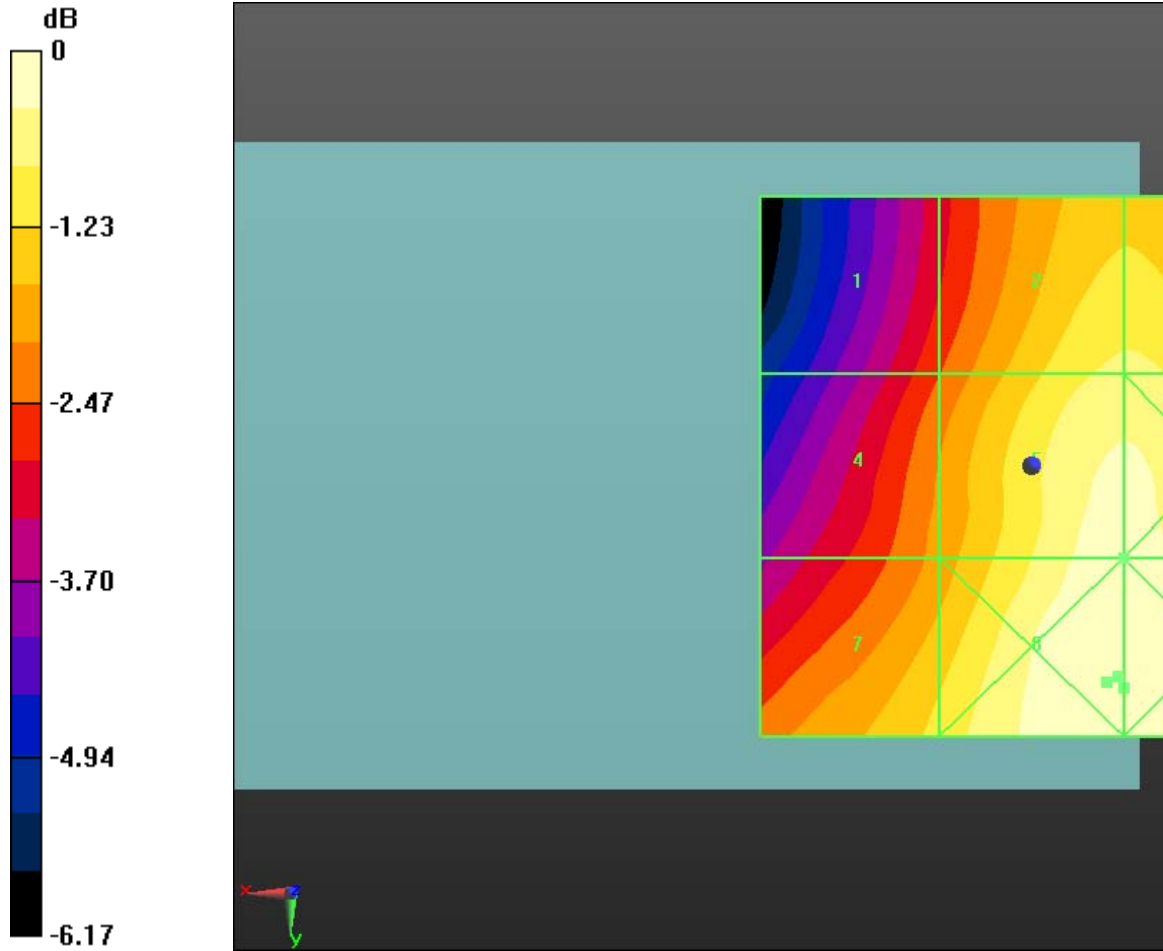
Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 7 56.001 M4	Grid 8 65.457 M4	Grid 9 65.435 M4
----------------------------	----------------------------	----------------------------



0 dB = 55.090V/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		106 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 10/20/2011 9:09:27 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_UMTS_Band_V_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD V; Frequency: 846.6 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 64.375 V/m

Probe Modulation Factor = 1.010

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 69.999 V/m; Power Drift = -0.0074 dB

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

Peak E-field in V/m

Grid 1 49.759 M4	Grid 2 61.932 M4	Grid 3 61.932 M4
Grid 4 53.436 M4	Grid 5 64.375 M4	Grid 6 64.331 M4
Grid 7 57.151 M4	Grid 8 64.966 M4	Grid 9 64.845 M4

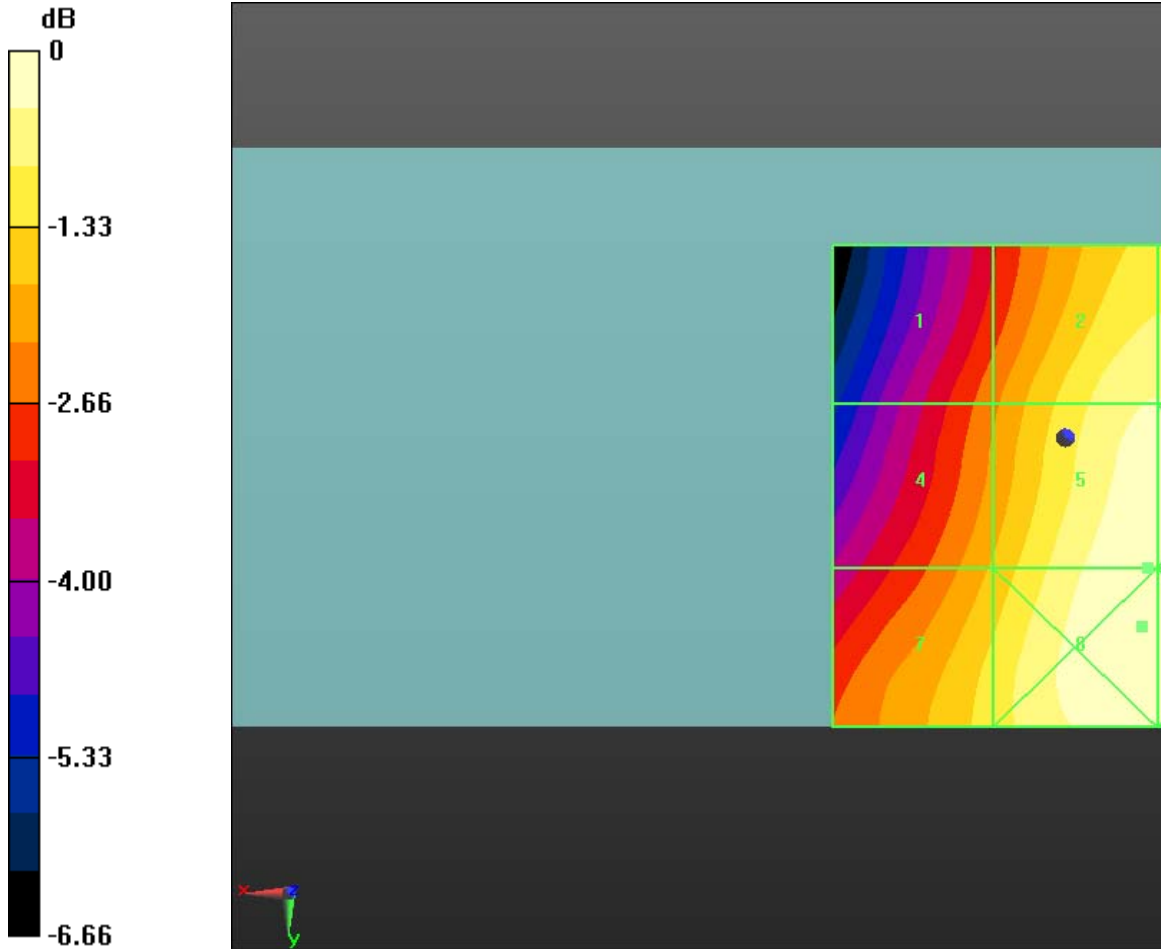
This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 64.970V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 108 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 9:47:24 PM, Date/Time: 10/20/2011 9:53:31 PM, Date/Time: 10/20/2011 9:57:53 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_UMTS_Band_II_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz, Frequency: 1880 MHz, Frequency: 1907.6 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, Low Ch./Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 23.047 V/m

Probe Modulation Factor = 1.120

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.716 V/m; Power Drift = -0.02 dB

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

Peak E-field in V/m

Grid 1 24.647 M4	Grid 2 32.938 M4	Grid 3 32.966 M4
Grid 4 12.726 M4	Grid 5 17.432 M4	Grid 6 18.126 M4

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 109 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Grid 7 19.235 M4	Grid 8 23.047 M4	Grid 9 23.040 M4
----------------------------	----------------------------	----------------------------

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, Mid Ch./Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 26.777 V/m
Probe Modulation Factor = 1.120
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 7.739 V/m; Power Drift = -0.02 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 23.346 M4	Grid 2 35.458 M4	Grid 3 35.834 M4
Grid 4 11.860 M4	Grid 5 20.102 M4	Grid 6 21.885 M4
Grid 7 21.493 M4	Grid 8 26.777 M4	Grid 9 26.745 M4

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device, High Ch./Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 23.270 V/m
Probe Modulation Factor = 1.120
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 7.140 V/m; Power Drift = -0.15 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 20.686 M4	Grid 2 30.416 M4	Grid 3 30.748 M4
Grid 4 10.072 M4	Grid 5 16.935 M4	Grid 6 19.125 M4

This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

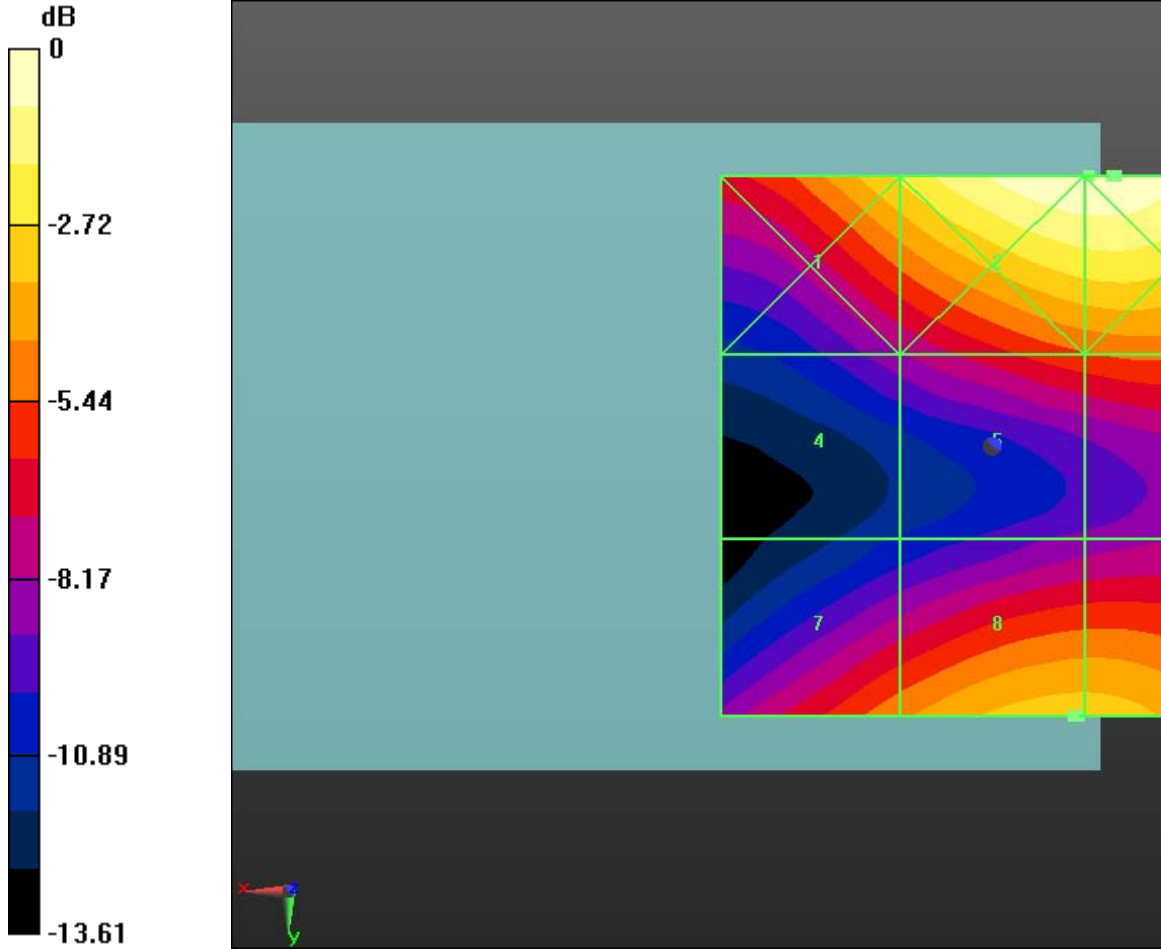
Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 7 18.988 M4	Grid 8 23.270 M4	Grid 9 23.230 M4
----------------------------	----------------------------	----------------------------



0 dB = 32.970V/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 111 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 10:03:42 PM

Test Laboratory: RIM Testing Services

HAC RF_E-Field_UMTS_Band_II_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD II; Frequency: 1880 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ER3DV6 - SN2286; ConvF(1, 1, 1); Calibrated: 1/14/2011
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device E-Field measurement with ER probe/E Scan - ER3D - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 28.621 V/m

Probe Modulation Factor = 1.120

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.873 V/m; Power Drift = 0.17 dB

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

Peak E-field in V/m

Grid 1 17.818 M4	Grid 2 27.877 M4	Grid 3 28.621 M4
Grid 4 15.949 M4	Grid 5 20.212 M4	Grid 6 20.215 M4
Grid 7 28.225 M4	Grid 8 30.903 M4	Grid 9 30.028 M4

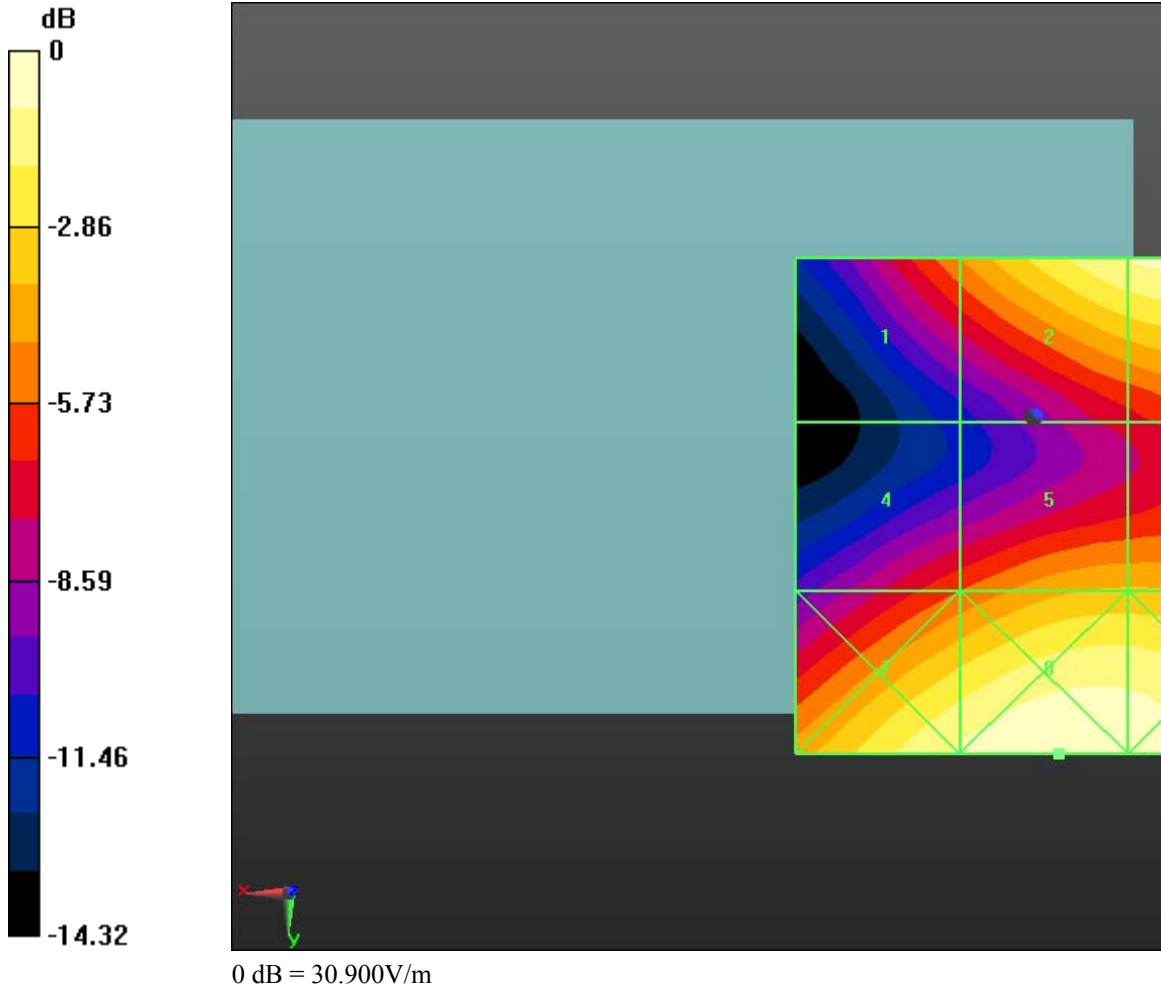
This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
 Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 113 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/20/2011 11:32:58 PM, Date/Time: 10/20/2011 11:38:09 PM, Date/Time: 10/20/2011 11:42:17 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_GSM850_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 850; Frequency: 824.2 MHz, Frequency: 836.8 MHz, Frequency: 848.8 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Low Ch/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.283 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.045 A/m; Power Drift = -0.09 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.283 M4	Grid 2 0.202 M4	Grid 3 0.131 M4
Grid 4 0.245 M4	Grid 5 0.169 M4	Grid 6 0.110 M4

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 114 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Grid 7 0.248 M4	Grid 8 0.174 M4	Grid 9 0.105 M4
---------------------------	---------------------------	---------------------------

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Mid Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.310 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.057 A/m; Power Drift = 0.10 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.310 M4	Grid 2 0.234 M4	Grid 3 0.164 M4
Grid 4 0.276 M4	Grid 5 0.203 M4	Grid 6 0.146 M4
Grid 7 0.285 M4	Grid 8 0.209 M4	Grid 9 0.132 M4

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, High Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.337 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.063 A/m; Power Drift = -0.06 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.337 M4	Grid 2 0.255 M4	Grid 3 0.174 M4
Grid 4 0.301 M4	Grid 5 0.225 M4	Grid 6 0.152 M4

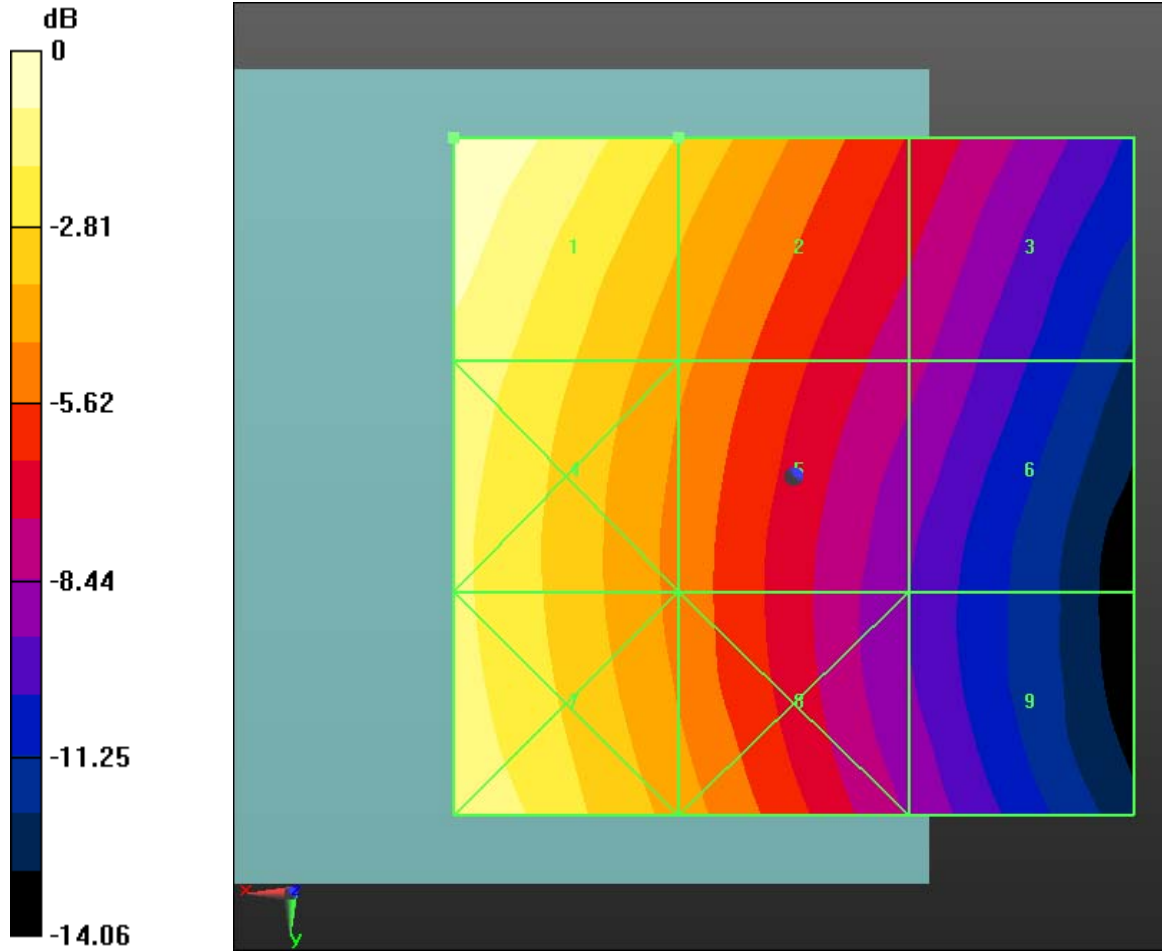
Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 7 0.325 M4	Grid 8 0.242 M4	Grid 9 0.161 M4
---------------------------	---------------------------	---------------------------



0 dB = 0.280A/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		116 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 10/20/2011 11:47:00 PM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_GSM850_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 850; Frequency: 848.8 MHz
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.303 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.062 A/m; Power Drift = 0.09 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.303 M4	Grid 2 0.232 M4	Grid 3 0.157 M4
Grid 4 0.300 M4	Grid 5 0.229 M4	Grid 6 0.151 M4
Grid 7 0.324 M4	Grid 8 0.250 M4	Grid 9 0.169 M4

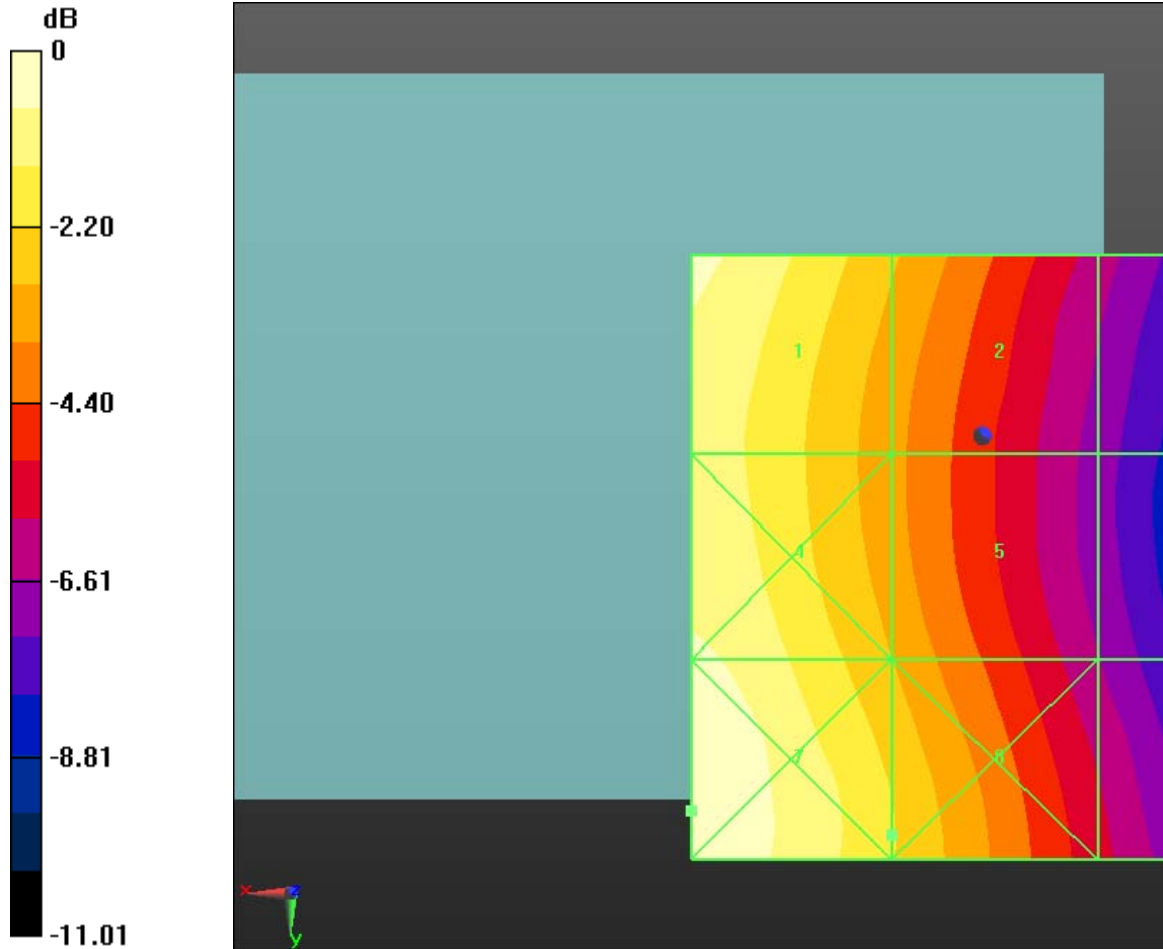
This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.320A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 118 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/21/2011 12:24:35 AM, Date/Time: 10/21/2011 12:28:45 AM, Date/Time: 10/21/2011 12:34:06 AM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_GSM1900_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 1900; Frequency: 1850.2 MHz, Frequency: 1880 MHz, Frequency: 1909.8 MHz
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Low Ch/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.128 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.043 A/m; Power Drift = 0.14 dB

Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.151 M3	Grid 2 0.124 M4	Grid 3 0.124 M4
Grid 4 0.089 M4	Grid 5 0.127 M4	Grid 6 0.128 M4

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 119 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Grid 7 0.111 M4	Grid 8 0.122 M4	Grid 9 0.122 M4
---------------------------	---------------------------	---------------------------

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Mid Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.148 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.047 A/m; Power Drift = 0.08 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.145 M3	Grid 2 0.139 M4	Grid 3 0.142 M3
Grid 4 0.091 M4	Grid 5 0.144 M3	Grid 6 0.148 M3
Grid 7 0.102 M4	Grid 8 0.140 M3	Grid 9 0.144 M3

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, High Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.147 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.050 A/m; Power Drift = -0.15 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.146 M3	Grid 2 0.139 M4	Grid 3 0.141 M3
Grid 4 0.099 M4	Grid 5 0.145 M3	Grid 6 0.147 M3

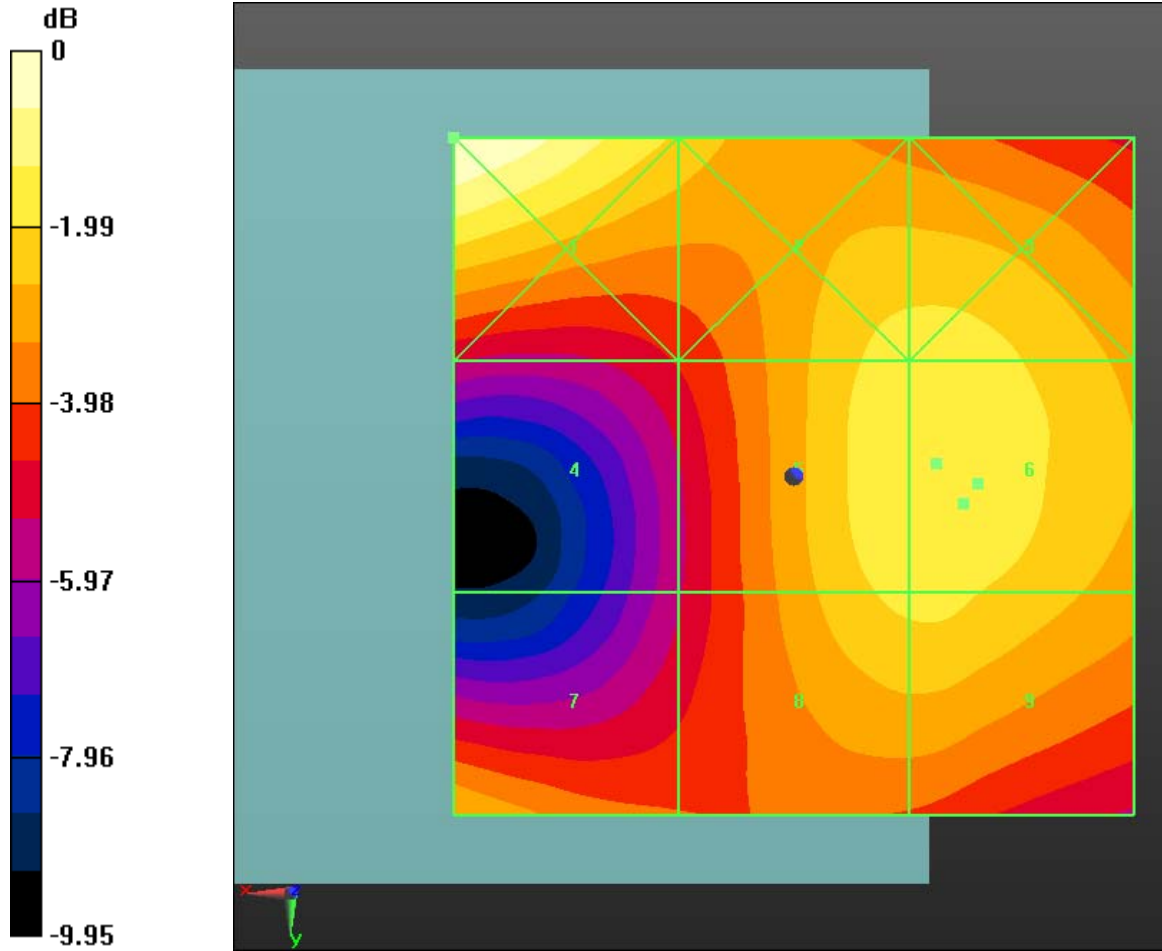
Author Data
Daoud Attayi

Dates of Test
Feb. 28, Mar. 22-23, Oct. 20-21, 2011

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 7 0.106 M4	Grid 8 0.141 M3	Grid 9 0.143 M3
---------------------------	---------------------------	---------------------------



0 dB = 0.150A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 121 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/21/2011 12:51:20 AM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_GSM1900_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: GSM 1900; Frequency: 1880 MHz
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.148 A/m

Probe Modulation Factor = 2.870

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.048 A/m; Power Drift = 0.19 dB

Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1 0.105 M4	Grid 2 0.148 M3	Grid 3 0.149 M3
Grid 4 0.095 M4	Grid 5 0.148 M3	Grid 6 0.149 M3
Grid 7 0.131 M4	Grid 8 0.128 M4	Grid 9 0.129 M4

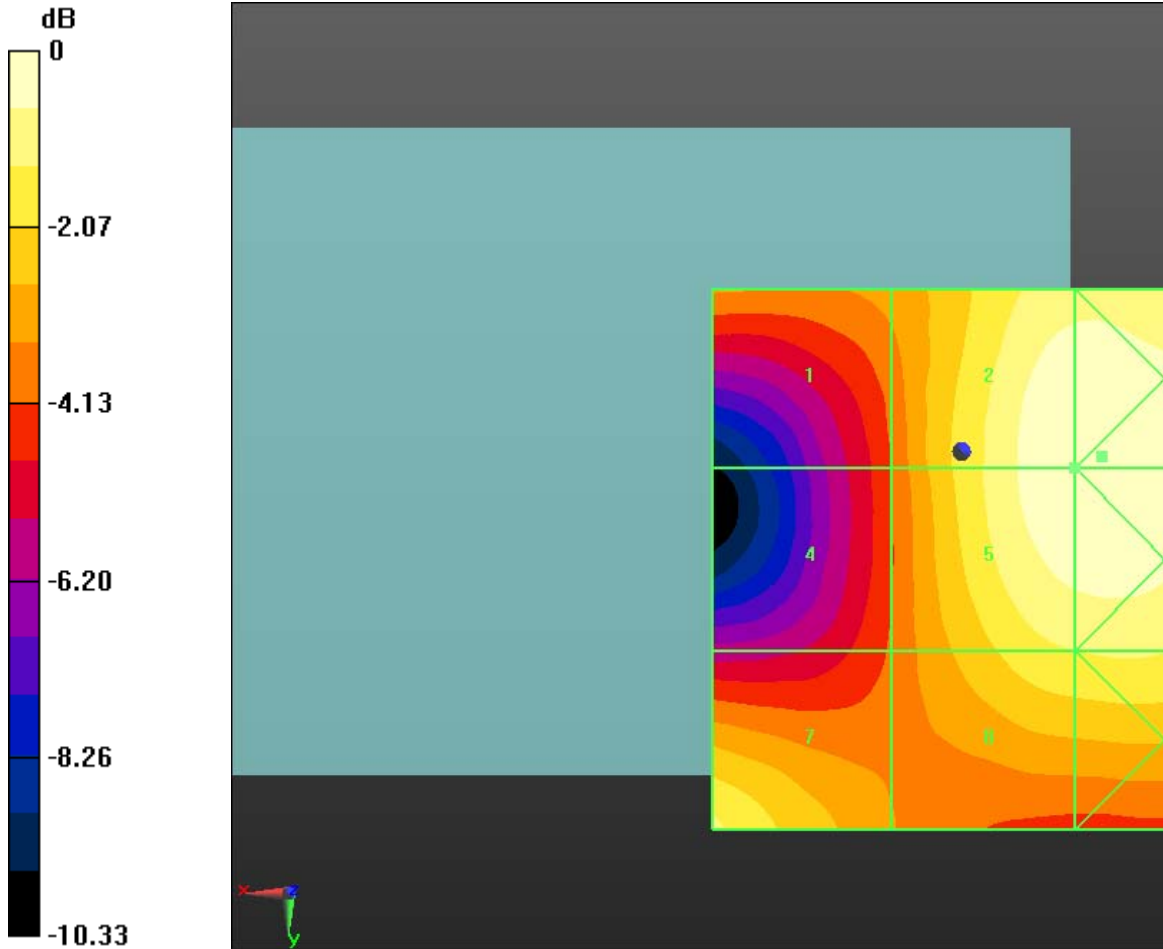
This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.150A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 123 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/21/2011 1:01:48 AM, Date/Time: 10/21/2011 1:05:21 AM, Date/Time: 10/21/2011 1:09:03 AM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_UMTS_Band_V_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD V; Frequency: 826.4 MHz, Frequency: 836.4 MHz, Frequency: 846.6 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Low Ch/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.116 A/m

Probe Modulation Factor = 0.990

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.056 A/m; Power Drift = -0.09 dB

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

Peak H-field in A/m

Grid 1 0.116 M4	Grid 2 0.084 M4	Grid 3 0.057 M4
Grid 4 0.101 M4	Grid 5 0.072 M4	Grid 6 0.048 M4

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 124 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Grid 7 0.103 M4	Grid 8 0.073 M4	Grid 9 0.044 M4
---------------------------	---------------------------	---------------------------

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Mid Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.122 A/m

Probe Modulation Factor = 0.990

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.066 A/m; Power Drift = 0.04 dB

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

Peak H-field in A/m

Grid 1 0.122 M4	Grid 2 0.095 M4	Grid 3 0.066 M4
Grid 4 0.110 M4	Grid 5 0.082 M4	Grid 6 0.057 M4
Grid 7 0.114 M4	Grid 8 0.084 M4	Grid 9 0.052 M4

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, High Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.139 A/m

Probe Modulation Factor = 0.990

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.076 A/m; Power Drift = 0.05 dB

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

Peak H-field in A/m

Grid 1 0.139 M4	Grid 2 0.108 M4	Grid 3 0.073 M4
Grid 4 0.125 M4	Grid 5 0.095 M4	Grid 6 0.065 M4



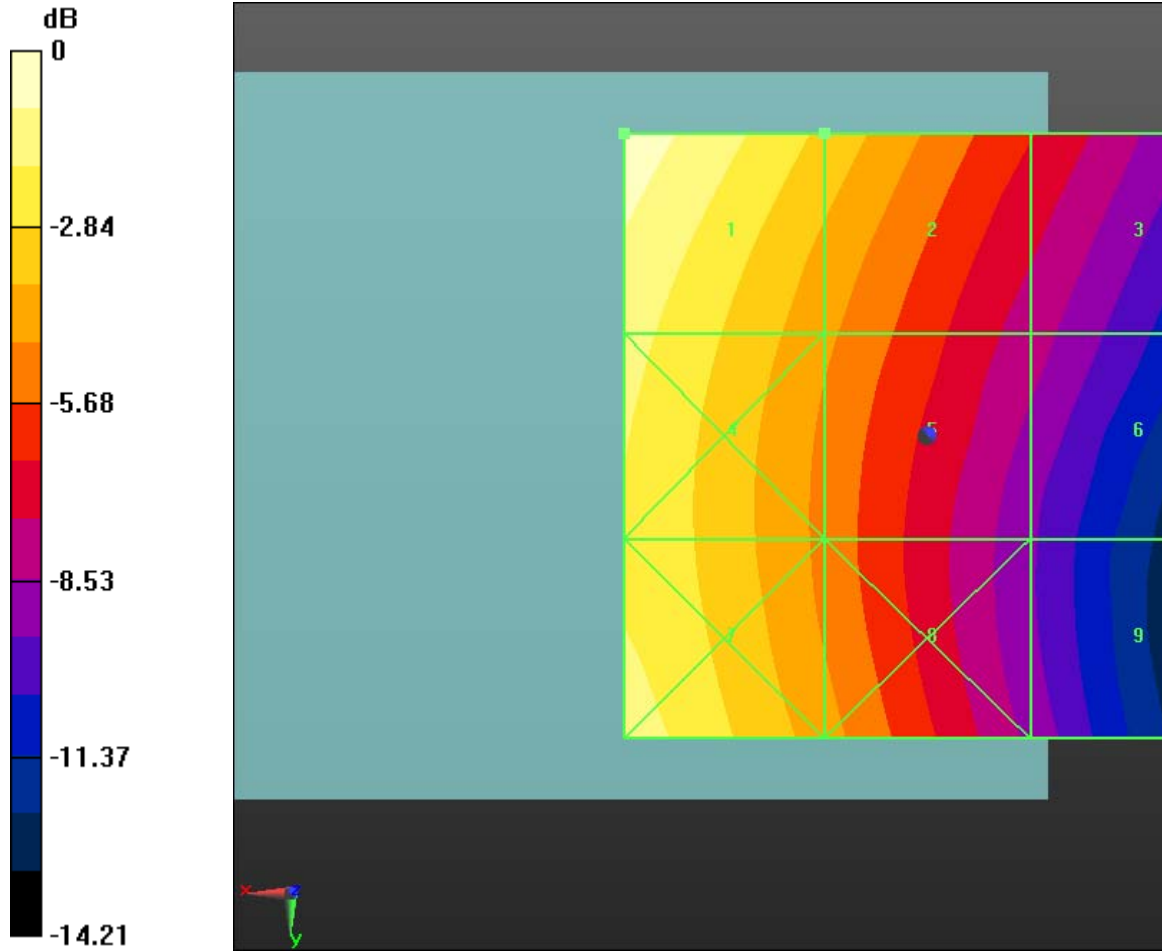
Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 7 0.134 M4	Grid 8 0.102 M4	Grid 9 0.065 M4
---------------------------	---------------------------	---------------------------



0 dB = 0.120A/m

	Document		Page
	Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		126 (132)
Author Data	Dates of Test	Report No	FCC ID
Daoud Attayi	Feb. 28, Mar. 22-23, Oct. 20-21, 2011	RTS-5955-1110-80	L6AREQ70UW

Date/Time: 10/21/2011 1:14:50 AM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_UMTS_Band_V_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD V; Frequency: 846.6 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.127 A/m

Probe Modulation Factor = 0.990

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.077 A/m; Power Drift = -0.07 dB

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

Peak H-field in A/m

Grid 1 0.127 M4	Grid 2 0.095 M4	Grid 3 0.064 M4
Grid 4 0.126 M4	Grid 5 0.093 M4	Grid 6 0.059 M4
Grid 7 0.135 M4	Grid 8 0.101 M4	Grid 9 0.065 M4

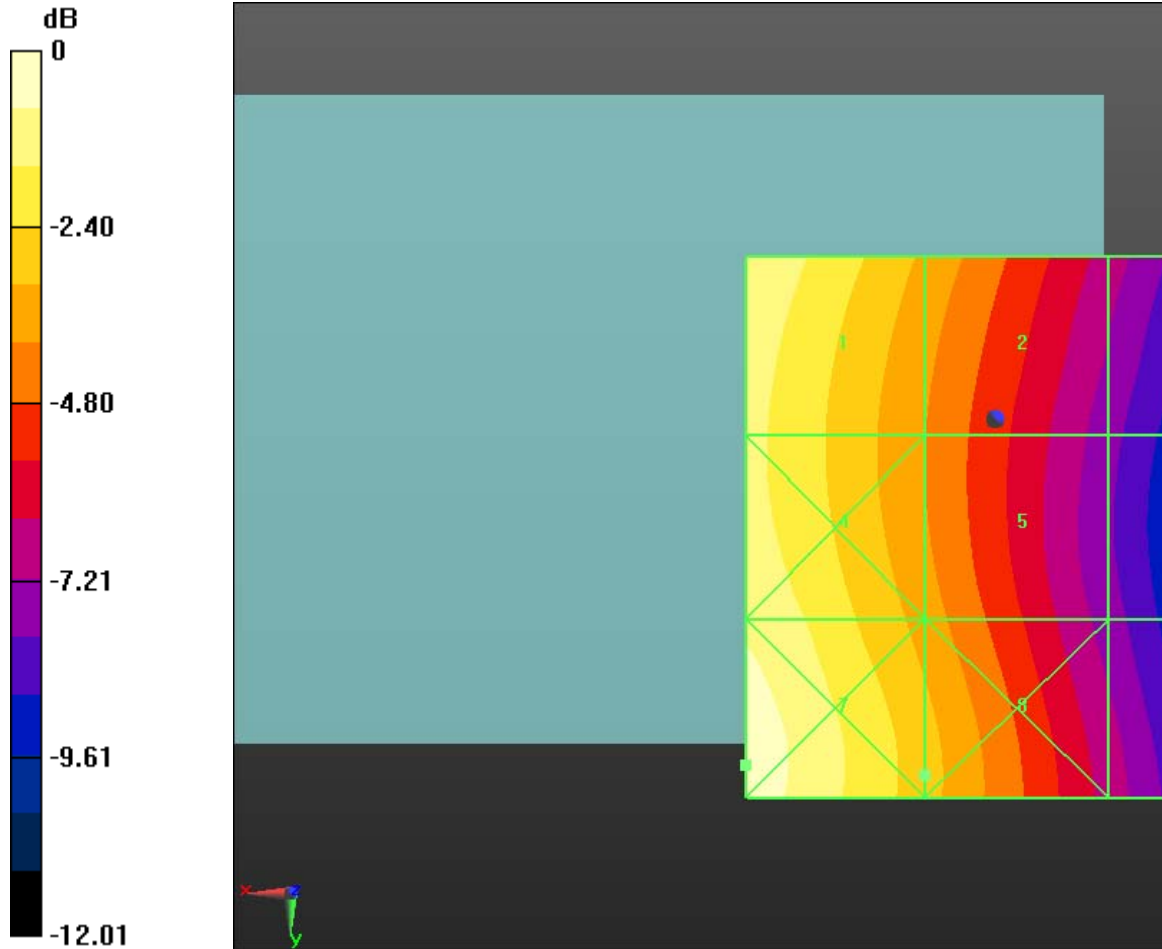
This report shall NOT be reproduced except in full without the written consent of RIM Testing Services
Copyright 2005-2011, RIM Testing Services, a division of Research In Motion Limited

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.140A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 128 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/21/2011 1:23:32 AM, Date/Time: 10/21/2011 1:27:10 AM, Date/Time: 10/21/2011 1:31:37 AM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_UMTS_Band_II_Speaker

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD II; Frequency: 1852.4 MHz, Frequency: 1880 MHz, Frequency: 1907.6 MHz

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

Phantom section: RF Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Low Ch/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.077 A/m

Probe Modulation Factor = 1.120

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.063 A/m; Power Drift = 0.09 dB

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

Peak H-field in A/m

Grid 1 0.095 M4	Grid 2 0.075 M4	Grid 3 0.076 M4
Grid 4 0.055 M4	Grid 5 0.075 M4	Grid 6 0.077 M4

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 129 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Grid 7 0.057 M4	Grid 8 0.071 M4	Grid 9 0.072 M4
---------------------------	---------------------------	---------------------------

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, Mid Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.085 A/m

Probe Modulation Factor = 1.120

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.071 A/m; Power Drift = -0.02 dB

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

Peak H-field in A/m

Grid 1 0.091 M4	Grid 2 0.081 M4	Grid 3 0.082 M4
Grid 4 0.055 M4	Grid 5 0.084 M4	Grid 6 0.085 M4
Grid 7 0.065 M4	Grid 8 0.082 M4	Grid 9 0.083 M4

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device, High Ch/Hearing Aid Compatibility Test (101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.085 A/m

Probe Modulation Factor = 1.120

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.072 A/m; Power Drift = 0.20 dB

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

Peak H-field in A/m

Grid 1 0.084 M4	Grid 2 0.082 M4	Grid 3 0.083 M4
Grid 4 0.056 M4	Grid 5 0.084 M4	Grid 6 0.085 M4



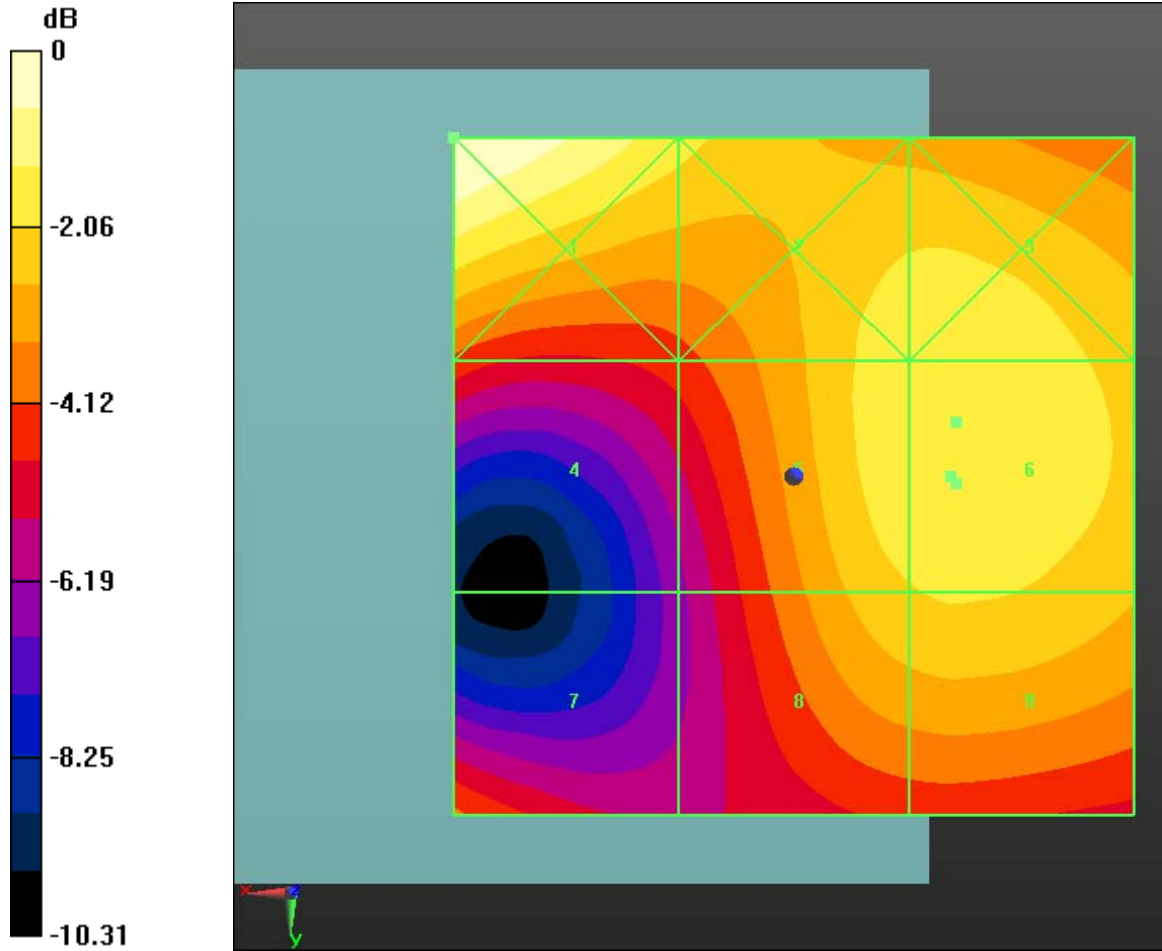
Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW

Grid 7 0.068 M4	Grid 8 0.081 M4	Grid 9 0.082 M4
---------------------------	---------------------------	---------------------------



0 dB = 0.090A/m

	Document Annex A to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model REQ71UW		Page 131 (132)
	Author Data Daoud Attayi	Dates of Test Feb. 28, Mar. 22-23, Oct. 20-21, 2011	Report No RTS-5955-1110-80

Date/Time: 10/21/2011 1:39:51 AM

Test Laboratory: RIM Testing Services

HAC RF_H-Field_UMTS_Band_II_Telecoil

DUT: BlackBerry Smartphone; Type: Sample

Communication System: WCDMA FDD II; Frequency: 1880 MHz
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
Phantom section: RF Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: H3DV6 - SN6105; ; Calibrated: 11/18/2010
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn472; Calibrated: 3/7/2011
- Phantom: HAC RF Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASYS2, Version 52.6 (2); SEMCAD X Version 14.4.4 (2829)

Device H-Field measurement with H3DV6 probe/H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device_Telecoil/Hearing Aid Compatibility Test

(101x101x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.084 A/m

Probe Modulation Factor = 1.120

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 0.070 A/m; Power Drift = -0.02 dB

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

Peak H-field in A/m

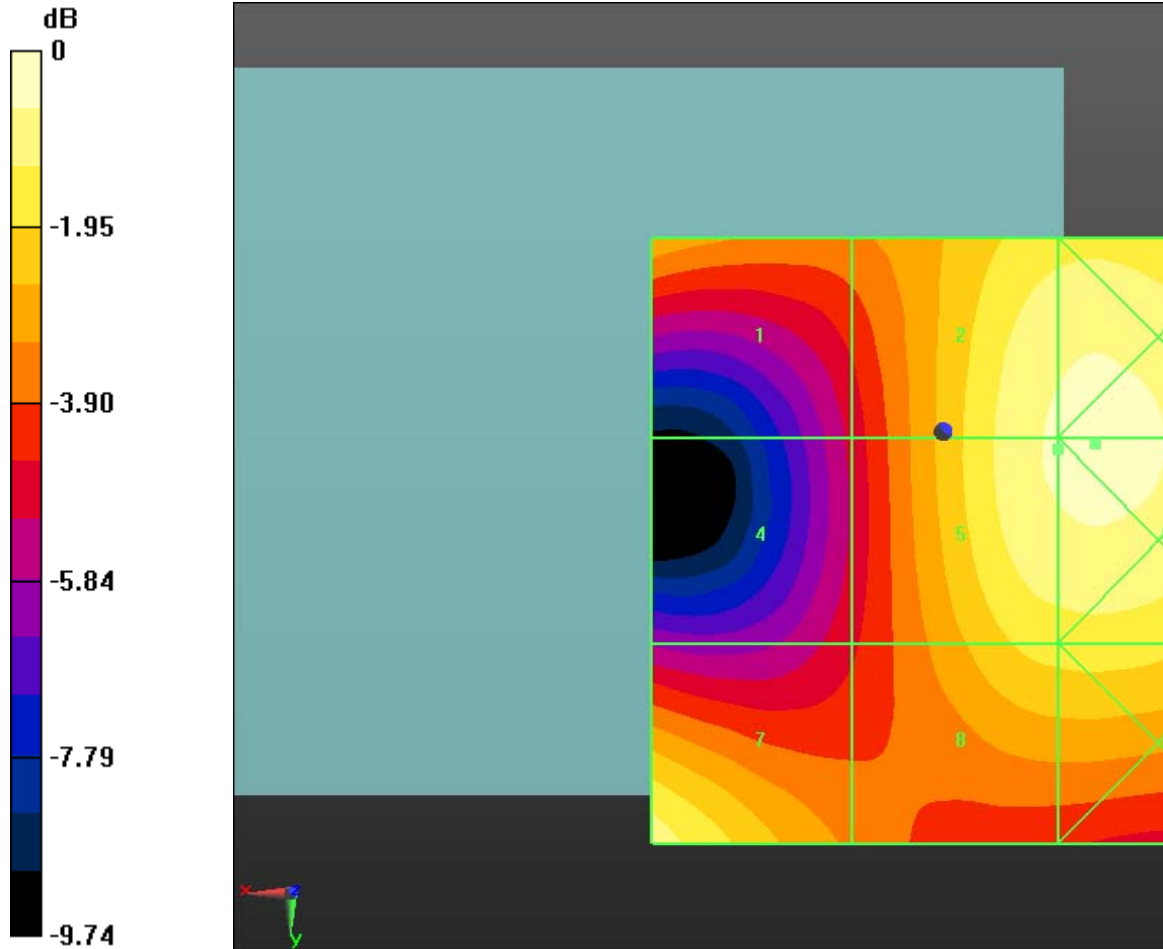
Grid 1 0.066 M4	Grid 2 0.084 M4	Grid 3 0.086 M4
Grid 4 0.053 M4	Grid 5 0.084 M4	Grid 6 0.086 M4
Grid 7 0.081 M4	Grid 8 0.074 M4	Grid 9 0.075 M4

Author Data
Daoud Attayi

Dates of Test
**Feb. 28, Mar. 22-23, Oct. 20-21,
 2011**

Report No
RTS-5955-1110-80

FCC ID
L6AREQ70UW



0 dB = 0.090A/m