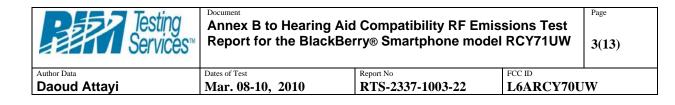
Testing Services™	Annex B to Hearing Aid Report for the BlackBe	d Compatibility RF Emis rry® Smartphone mode		Page 1(13)
Author Data	Dates of Test	Report No	FCC ID	
Daoud Attayi	Mar. 08-10, 2010	RTS-2337-1003-22	L6ARCY70U	W

Annex B: Probe and dipole descriptions and calibration certificates

B.2 Dipole calibration certificate

r Data	Dates of Test	Report No		FCC ID	2(13)
oud Attayi	Mar. 08	*	337-1003-22	L6ARCY70	JW
Calibration Laborato Schmid & Partner Engineering AG eughausstrasse 43, 8004 Zuri			Schweizerischer Kaliba Service suisse d'étalor Servizio svizzero di tar Swiss Calibration Serv	atura	
ccredited by the Swiss Accre he Swiss Accreditation Servio fultilateral Agreement for the	ce is one of the signatori	es to the EA	on No.: SCS 108		
CALIBRATION			10: CD835V3-1011_N	Nov09	
Object	CD835V3 - SN:				
Calibration procedure(s)	QA CAL-20.v4 Calibration proc	edure for dipoles in air			
		The Property of Control of Contro		1343	
Calibration date:	November 17, 2	009	and and a second	Parti.	
This calibration certificate docur All calibrations have been conde	ments the traceability to na ucted in the closed laborate	009 tional standards, which realize the physical o ory facility: environment temperature (22 ± 3)			
This calibration certificate docur All calibrations have been cond Calibration Equipment used (M& Primary Standards	ments the traceability to na ucted in the closed laborat STE critical for calibration)	tional standards, which realize the physical ory facility: environment temperature (22 ± 3) Cal Date (Certificate No.)		ion	
This calibration certificate docur All calibrations have been condu Calibration Equipment used (M& Primary Standards Power meter EPM-442A	ments the traceability to na ucted in the closed laborati STE critical for calibration) ID # GB37480704	tional standards, which realize the physical ony facility; environment temperature (22 ± 3) Cal Date (Certificate No.) 06-Oct-09 (No. 217-01086)	°C and humidity < 70%. Scheduled Calibrat Oct-10	ion	
All calibrations have been conde Calibration Equipment used (Ma Primary Standards Power meter EPM-442A Power sensor HP 8481A	ments the traceability to na ucted in the closed laborati STE critical for calibration) ID # GB37480704 US37292783	tional standards, which realize the physical ory facility: environment temperature (22 ± 3) Gal Date (Certificate No.) 06-Oct-09 (No. 217-01086) 06-Oct-09 (No. 217-01086)	°C and humidity < 70%. Scheduled Calibrat Oct-10 Oct-10	ion	
This calibration certificate docur All calibrations have been conde Calibration Equipment used (M& Primary Standards Power meter EPM-442A Power sensor HP 8481A Probe ER3DV6	ments the traceability to na ucted in the closed laborati STE critical for calibration) ID # GB37480704	tional standards, which realize the physical ony facility; environment temperature (22 ± 3) Cal Date (Certificate No.) 06-Oct-09 (No. 217-01086)	°C and humidity < 70%. Scheduled Calibrat Oct-10	ion	
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This calibration certificate docur All calibrations have been conde Calibration Equipment used (M Primary Standards Power meter EPM-442A Power sensor HP 8481A Probe ER30V6 Probe H30V6 DAE4 Secondary Standards	ments the traceability to na ucted in the closed laboration) STE critical for calibration) ID # GB37480704 US37282783 SN: 2336 SN: 2336 SN: 6065 SN: 781 ID #	Cal Date (Certificate No.) Cal Date (Certificate No.) 06-Oct-09 (No. 217-01066) 06-Oct-09 (No. 217-01066) 22-Dec-08 (No. ER3-2336_Dec08) 22-Dec-08 (No. H3-6065Dec08) 20-Feb-09 (No. DAE4-781_Feb09) Check Date (in house)	°C and humidity < 70%. Scheduled Calibrat Oct-10 Oct-10 Dec-09 Dec-09 Feb-10 Scheduled Check		
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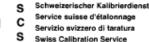


SNISS

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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





Servizio svizzero di taratura

Accreditation No.: SCS 108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

References

[1]ANSI-C63.19-2006 American National Standard for Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids.

ANSI-C63.19-2007 [2]

American National Standard for Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids.

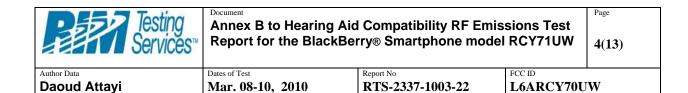
Methods Applied and Interpretation of Parameters:

- Coordinate System: y-axis is in the direction of the dipole arms. z-axis is from the basis of the antenna (mounted on the table) towards its feed point between the two dipole arms. x-axis is normal to the other axes. In coincidence with the standards [1, 2], the measurement planes (probe sensor center) are selected to be at a distance of 10 mm above the top edge of the dipole arms.
- Measurement Conditions: Further details are available from the hardcopies at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated. The forward power to the dipole connector is set with a calibrated power meter connected and monitored with an auxiliary power meter connected to a directional coupler. While the dipole under test is connected, the forward power is adjusted to the same level.
- Antenna Positioning: The dipole is mounted on a HAC Test Arch phantom using the matching dipole positioner with the arms horizontal and the feeding cable coming from the floor. The measurements are performed in a shielded room with absorbers around the setup to reduce the reflections. It is verified before the mounting of the dipole under the Test Arch phantom, that its arms are perfectly in a line. It is installed on the HAC dipole positioner with its arms parallel below the dielectric reference wire and able to move elastically in vertical direction without changing its relative position to the top center of the Test Arch phantom. The vertical distance to the probe is adjusted after dipole mounting with a DASY5 Surface Check job. Before the measurement, the distance between phantom surface and probe tip is verified. The proper measurement distance is selected by choosing the matching section of the HAC Test Arch phantom with the proper device reference point (upper surface of the dipole) and the matching grid reference point (tip of the probe) considering the probe sensor offset. The vertical distance to the probe is essential for the accuracy.
- Feed Point Impedance and Return Loss: These parameters are measured using a HP 8753E Vector Network Analyzer. The impedance is specified at the SMA connector of the dipole. The influence of reflections was eliminating by applying the averaging function while moving the dipole in the air, at least 70cm away from any obstacles.
- E- field distribution: E field is measured in the x-y-plane with an isotropic ER3D-field probe with 100 mW forward power to the antenna feed point. In accordance with [1, 2], the scan area is 20mm wide, its length exceeds the dipole arm length (180 or 90mm). The sensor center is 10 mm (in z) above the top of the dipole arms. Two 3D maxima are available near the end of the dipole arms. Assuming the dipole arms are perfectly in one line, the average of these two maxima (in subgrid 2 and subgrid 8) is determined to compensate for any non-parallelity to the measurement plane as well as the sensor displacement. The E-field value stated as calibration value represents the maximum of the interpolated 3D-E-field, 10mm above the dipole surface.
- H-field distribution: H-field is measured with an isotropic H-field probe with 100mW forward power to the antenna feed point, in the x-y-plane. The scan area and sensor distance is equivalent to the E-field scan. The maximum of the field is available at the center (subgrid 5) above the feed point. The H-field value stated as calibration value represents the maximum of the interpolated H-field, 10mm above the dipole surface at the feed point.

Certificate No: CD835V3-1011_Nov09

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1 Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V5.2 B157
DASY PP Version	SEMCAD X	V14.0 B57
Phantom	HAC Test Arch	SD HAC P01 BA, #1070
Distance Dipole Top - Probe Center	10 mm	
Scan resolution	dx, dy = 5 mm	area = 20 x 180 mm
Frequency	835 MHz ± 1 MHz	
Forward power at dipole connector	20.0 dBm = 100mW	
Input power drift	< 0.05 dB	

2 Maximum Field values

	H-field 10 mm above dipole surface	condition	interpolated maximum
	Maximum measured	100 mW forward power	0.464 A/m
ι	Incertainty for H-field measurement: 8.2% (k=2)		

E-field 10 mm above dipole surface	condition	Interpolated maximum
Maximum measured above high end-	100 mW forward power	168.6 V/m
Maximum measured above low end	100 mW forward power	157.4 V/m
Averaged maximum above arm	100 mW forward power	163.0 V/m

Uncertainty for E-field measurement: 12.8% (k=2)

3 Appendix

3.1 Antenna Parameters

Frequency	Return Loss	Impedance
800 MHz	15.7 dB	(44.8 – j14.9) Ohm
835 MHz	31.8 dB	(48.5 + j2.0) Ohm
900 MHz	17.7 dB	(54.3 – j12.9) Ohm
950 MHz	20.5 dB	(44.7 + j7.2) Ohm
960 MHz	16.3 dB	(51.0 + j15.7) Ohm

3.2 Antenna Design and Handling

The calibration dipole has a symmetric geometry with a built-in two stub matching network, which leads to the enhanced bandwidth.

The dipole is built of standard semirigid coaxial cable. The internal matching line is open ended. The antenna is therefore open for DC signals.

Do not apply force to dipole arms, as they are liable to bend. The soldered connections near the feedpoint may be damaged. After excessive mechanical stress or overheating, check the impedance characteristics to ensure that the internal matching network is not affected.

After long term use with 40W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

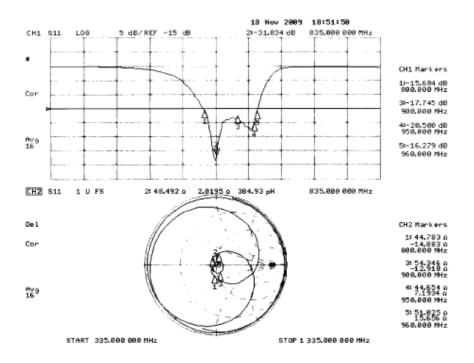
Certificate No: CD835V3-1011_Nov09

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Testing Services™		Aid Compatibility RF En Berry® Smartphone mod		Page 5(13)
Author Data	Dates of Test	Report No	FCC ID	
Daoud Attayi	Mar. 08-10, 2010	RTS-2337-1003-22	L6ARCY70U	J W

3.3 Measurement Sheets

3.3.1 Return Loss and Smith Chart



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Daoud Attayi	Mar. 08-10, 2010	RTS-2337-1003-22	L6ARCY70UW
Author Data	Dates of Test	Report No	FCC ID

3.3.2 DASY4 H-field Result

Date/Time: 17.11.2009 15:02:26

Test Laboratory: SPEAG Lab2

HAC RF_CD835_1011_091117_H_MM DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1011 Communication System: CW; Frequency: 835 MHz Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m³ Phantom section: RF Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007) DASY5 Configuration: Probe: H3DV6 - \$N6065; ; Calibrated: 22.12.2008 Sensor-Surface: (Fix Surface)

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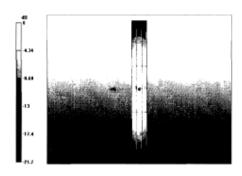
Electronics: DAE4 Sn781; Calibrated: 20.02.2009 Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Dipole H-Field measurement @ 835MHz/H 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 = 0.464 A/m Probe Modulation Factor = 1 Device Reference Point: 0, 0, -6.3 mm Reference Value = 0.494 A/m; Power Drift = -0.00467 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

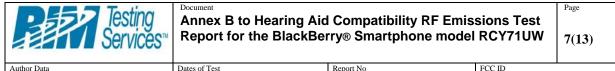
Peak H-field		
Grid 1	Grid 2	Grid 3
0.384	0.405	0.386
M4	M4	M4
Grid 4	Grid 5	Grid 6
0.441	0.464	0.439
M4	M4	M4
Grid 7	Grid 8	Grid 9
0.390	0.409	0.382
M4	M4	M4



0 dB = 0.464A/m

Certificate No: CD835V3-1011_Nov09

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Daoud Attayi	Mar. 08-10, 2010	RTS-2337-1003-22	L6ARCY70UW
Author Data	Dates of Test	Report No	FCC ID

3.3.3 DASY4 E-field Result

Date/Time: 17.11.2009 11:56:37

Test Laboratory: SPEAG Lab2

HAC RF_CD835_1011_091117_E_MM DUT: HAC-Dipole 835 MHz; Type: D835V3; Serial: 1011 Communication System: CW; Frequency: 835 MHz Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m³ Phantom section: RF Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007) DASY5 Configuration:

Probe: ER3DV6 - SN2336; ConvF(1, 1, 1); Calibrated: 22.12.2008

Sensor-Surface: (Fix Surface)

Electronics: DAE4 Sn781; Calibrated: 20.02.2009

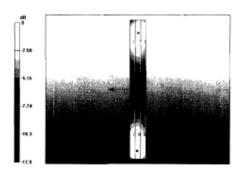
Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070

Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Dipole E-Field measurement @ 835MHz/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 = 168.6 V/m Probe Modulation Factor = 1 Device Reference Point: 0, 0, -6.3 mm Reference Value = 109.2 V/m; Power Drift = -0.023 dB Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field	in V/m	
Grid I	Grid 2	Grid 3
152.1	157.4	154.5
M4	M4	M4
Grid 4	Grid 5	Grid 6
84.1	86.8	84.5
M4	M4	M4
Grid 7	Grid 8	Grid 9
165.5	168.6	158.2
M4	M4	M4



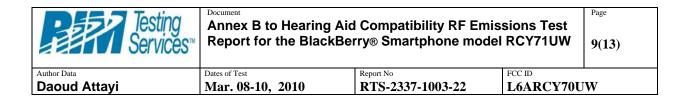
0 dB = 168.6 V/m

Certificate No: CD835V3-1011_Nov09

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	Calibration proce	edure for dipoles in air			
Celibration date:	Calibration proce				
Calibration date:	November 18, 20	009			
Calibration date: This calibration certificate docur	November 16, 20	009 ional standards, which realize th	e physical units of measurements (SI) ure (22 ± 3)*C and humidity < 70%.		
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Calibration date: This calibration certificate docur	November 18, 20	009 ional standards, which realize th			
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Calibration date: This calibration certificate docur All calibrations have been condu Calibration Equipment used (M& Primary Standards Power meter EPM-442A Power sensor HP 8481A	November 18, 24 nents the traceability to nat acted in the closed laborato ATE critical for calibration)	DO9 tonal standards, which realize th ny facility: environment temperal Cal Date (Certificate No.) 06-Oct-09 (No. 217-01086) 06-Oct-09 (No. 217-01086)	Lure (22 ± 3)*C and humidity < 70%. Scheduled Calibr Oct-10 Oct-10		
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Schweizerischer Kalibrierdienst s Service suisse d'étalonnage С Servizio svizzero di taratura s

Swiss Calibration Service

Accreditation No.: SCS 108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

References

- ANSI-C63.19-2006 [1]
 - American National Standard for Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids.

[2] ANSI-C63.19-2007

American National Standard for Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids.

Methods Applied and Interpretation of Parameters:

- Coordinate System: y-axis is in the direction of the dipole arms. z-axis is from the basis of the antenna (mounted on the table) towards its feed point between the two dipole arms, x-axis is normal to the other axes. In coincidence with the standards [1, 2], the measurement planes (probe sensor center) are selected to be at a distance of 10 mm above the top edge of the dipole arms.
- Measurement Conditions: Further details are available from the hardcopies at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated. The forward power to the dipole connector is set with a calibrated power meter connected and monitored with an auxiliary power meter connected to a directional coupler. While the dipole under test is connected, the forward power is adjusted to the same level.
- Antenna Positioning: The dipole is mounted on a HAC Test Arch phantom using the matching dipole positioner with the arms horizontal and the feeding cable coming from the floor. The measurements are performed in a shielded room with absorbers around the setup to reduce the reflections. It is verified before the mounting of the dipole under the Test Arch phantom, that its arms are perfectly in a line. It is installed on the HAC dipole positioner with its arms parallel below the dielectric reference wire and able to move elastically in vertical direction without changing its relative position to the top center of the Test Arch phantom. The vertical distance to the probe is adjusted after dipole mounting with a DASY5 Surface Check job. Before the measurement, the distance between phantom surface and probe tip is verified. The proper measurement distance is selected by choosing the matching section of the HAC Test Arch phantom with the proper device reference point (upper surface of the dipole) and the matching grid reference point (tip of the probe) considering the probe sensor offset. The vertical distance to the probe is essential for the accuracy.
- Feed Point Impedance and Return Loss: These parameters are measured using a HP 8753E Vector Network Analyzer. The impedance is specified at the SMA connector of the dipole. The influence of reflections was eliminating by applying the averaging function while moving the dipole in the air, at least 70cm away from any obstacles
- E- field distribution: E field is measured in the x-y-plane with an isotropic ER3D-field probe with 100 mW forward power to the antenna feed point. In accordance with [1, 2], the scan area is 20mm wide, its length exceeds the dipole arm length (180 or 90mm). The sensor center is 10 mm (in z) above the top of the dipole arms. Two 3D maxima are available near the end of the dipole arms. Assuming the dipole arms are perfectly in one line, the average of these two maxima (in subgrid 2 and subgrid 8) is determined to compensate for any non-parallelity to the measurement plane as well as the sensor displacement. The E-field value stated as calibration value represents the maximum of the interpolated 3D-E-field, 10mm above the dipole surface.
- H-field distribution: H-field is measured with an isotropic H-field probe with 100mW forward power to the antenna feed point, in the x-y-plane. The scan area and sensor distance is equivalent to the E-field scan. The maximum of the field is available at the center (subgrid 5) above the feed point. The H-field value stated as calibration value represents the maximum of the interpolated H-field, 10mm above the dipole surface at the feed point.

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Testing Services™	Annex B to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model RCY71UW		Page 10(13)	
Author Data	Dates of Test Report No FCC ID			
Daoud Attayi	Mar. 08-10, 2010	RTS-2337-1003-22	L6ARCY70U	W

1. Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V5.2 B157
DASY PP Version	SEMCAD X	V14.0 B57
Phantom	HAC Test Arch	SD HAC P01 BA, #1070
Distance Dipole Top - Probe Center	10 mm	
Scan resolution	dx, dy = 5 mm	area = 20 x 90 mm
Frequency	1880 MHz ± 1 MHz	
Forward power at dipole connector	20.0 dBm = 100mW	
Input power drift	< 0.05 dB	

2. Maximum Field values

H-field 10 mm above dipole surface	condition	Interpolated maximum
Maximum measured	100 mW forward power	0.471 A/m
Uncertainty for H-field measurement: 8.2% (k=2)		

Uncertainty for H-field measurement: 8.2% (k=2)

E-field 10 mm above dipole surface	condition	Interpolated maximum
Maximum measured above high end	100 mW forward power	136.2 V/m
Maximum measured above low end	100 mW forward power	132.1 V/m
Averaged maximum above arm	100 mW forward power	134.2 V/m

Uncertainty for E-field measurement: 12.8% (k=2)

3. Appendix

3.1 Antenna Parameters

Frequency	Return Loss	Impedance
1710 MHz	22.8 dB	(52.2 + j7.1) Ohm
1880 MHz	20.0 dB	(50.5 + j10.1) Ohm
1900 MHz	20.9 dB	(53.2 + j8.8) Ohm
1950 MHz	29.5 dB	(52.3 + j2.6) Ohm
2000 MHz	18.7 dB	(43.2 + j8.4) Ohm

3.2 Antenna Design and Handling

The calibration dipole has a symmetric geometry with a built-in two stub matching network, which leads to the enhanced bandwidth.

The dipole is built of standard semirigid coaxial cable. The internal matching line is open ended. The antenna is therefore open for DC signals.

Do not apply force to dipole arms, as they are liable to bend. The soldered connections near the feedpoint may be damaged. After excessive mechanical stress or overheating, check the impedance characteristics to ensure that the internal matching network is not affected.

After long term use with 40W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

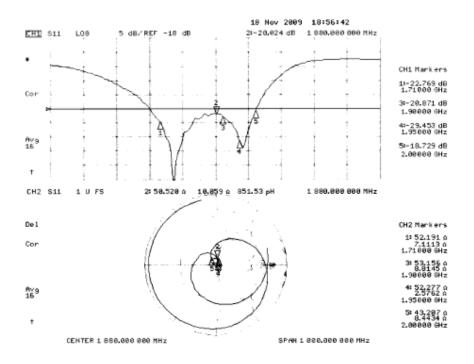
Certificate No: CD1880V3-1008_Nov09

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Testing Services™	Annex B to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model RCY71UW		Page 11(13)	
Author Data	Dates of Test	Report No	FCC ID	
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3.3 Measurement Sheets

3.3.1 Return Loss and Smith Chart



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Author Data	Dates of Test	Report No	FCC ID	
Daoud Attayi	Mar. 08-10, 2010	RTS-2337-1003-22	L6ARCY70U	W

3.3.2 DASY4 H-Field Result

Date/Time: 18.11.2009 12:32:23

Test Laboratory: SPEAG Lab2

HAC RF CD1880 1008 091118 H CL DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1008 Communication System: CW; Frequency: 1880 MHz Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³ Phantom section: RF Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007) DASY5 Configuration: Probe: H3DV6 - SN6065; ; Calibrated: 22.12.2008 ٠

Sensor-Surface: (Fix Surface)

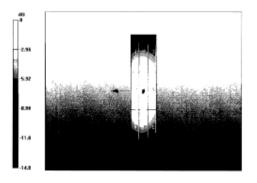
Electronics: DAE4 Sn781; Calibrated: 20.02.2009 ٠

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070 ٠
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Dipole H-Field measurement @ 1880MHz/H 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 = 0.471 A/m Probe Modulation Factor = 1 Device Reference Point: 0, 0, -6.3 mm Reference Value = 0.499 A/m; Power Drift = 0.00498 dB Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field	Peak H-field in A/m		
Grid I	Grid 2	Grid 3	
0.408	0.423	0.398	
M2	M2	M2	
Grid 4	Grid 5	Grid 6	
0.456	0.471	0.439	
M2	M2	M2	
Grid 7	Grid 8	Grid 9	
0.420	0.435	0.400	
M2	M2	M2	



0 dB = 0.471A/m

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Author Data	Dates of Test	Report No	FCC ID	

3.3.3 DASY4 E-Field Result

Date/Time: 18.11.2009 17:16:43

Test Laboratory: SPEAG Lab2

 $\label{eq:hardward} \begin{array}{l} \mbox{HAC_RF_CD1880_1008_091118_E_CL} \\ \mbox{DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: 1008} \\ \mbox{Communication System: CW; Frequency: 1880 MHz} \\ \mbox{Medium parameters used: $\sigma = 0 mho/m, $\epsilon_r = 1$; $\rho = 1000 kg/m^3$} \\ \mbox{Phantom section: RF Section} \\ \mbox{Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)} \\ \mbox{DASY5 Configuration:} \\ \mbox{Probe: ER3DV6 - SN2336; ConvF(1, 1, 1); Calibrated: 22.12.2008} \\ \mbox{Sensor-Surface: (Fix Surface)} \end{array}$

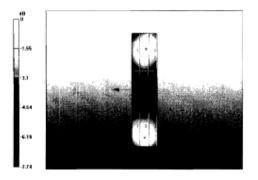
Electronics: DAE4 Sn781; Calibrated: 20.02.2009

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070
- Measurement SW: DASY5, V5.2 Build 157; SEMCAD X Version 14.0 Build 57

Dipole E-Field measurement @ 1880MHz/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 = 136.2 V/m Probe Modulation Factor = 1 Device Reference Point: 0, 0, -6.3 mm Reference Value = 152.3 V/m; Power Drift = -0.00386 dB Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m			
Grid I	Grid 2	Grid 3	
124.7	132.1	131.1	
M2	M2	M2	
Grid 4	Grid 5	Grid 6	
86.6	90.1	87.7	
M3	M3	M3	
Grid 7	Grid 8	Grid 9	
130.7	136.2	132.2	
M2	M2	M2	



0 dB = 136.2V/m

Certificate No: CD1880V3-1008_Nov09

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