

Annex B to Hearing Aid Compatibility RF Emissions Test Report for the BlackBerry® Smartphone model RHR191LW (SQW100-4)

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Daoud Attayi

Dates of Test

Feb. 04, April 17-27, May 14, 2015

Report No RTS-6067-1505-04

FCC ID L6ARHR190LW

Annex B: Probe and dipole descriptions and calibration certificates

B.2 Dipole calibration certificate



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





S Schweizerischer Kalibrierdienst
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Swiss Calibration Service

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Client

Blackberry Waterloo

Accreditation No.: SCS 108

Certificate No: CD835V3-1011_Nov13

Object	CD835V3 - SN: 1011		
Calibration procedure(s)	QA CAL-20.v6 Calibration proce	edure for dipoles in air	
Calibration date:	November 12, 2	013	
All calibrations have been condu	cted in the closed laborate	probability are given on the following pages and a ony facility: environment temperature $(22 \pm 3)^{\circ}$ C a	
Calibration Equipment used (M8	TE critical for calibration)		
	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Primary Standards		Cal Date (Certificate No.) 09-Oct-13 (No. 217-01827)	Scheduled Calibration Oct-14
Primary Standards Power meter EPM-442A	ID#		
Primary Standards Power meter EPM-442A Power sensor HP 8481A	ID # GB37480704	09-Oct-13 (No. 217-01827)	Oct-14
Primary Standards Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A	ID # GB37480704 US37292783	09-Oct-13 (No. 217-01827) 09-Oct-13 (No. 217-01827)	Oct-14 Oct-14
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RTS-6067-1505-04

Report No

FCC ID LOCATION TO THE PROPERTY OF THE PROPERT

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





S Schweizerischer Kalibrierdienst
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Servizio svizzero di taratura
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-C63.19-2011
 American National Standard, 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], the measurement planes (probe sensor center) are selected to be at a
 distance of 15 mm above the top metal 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
- 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], the scan area is 20mm wide, its length exceeds the dipole arm length (180 or 90mm). The sensor center is 15 mm (in z) above the metal 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, in the plane above the dipole surface.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by th	е
coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%	D.

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Measurement Conditions

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

DASY Version	DASY5	V52.8.7
Phantom	HAC Test Arch	
Distance Dipole Top - Probe Center	15mm	
Scan resolution	dx, dy = 5 mm	
Frequency	835 MHz ± 1 MHz	
Input power drift	< 0.05 dB	

Maximum Field values at 835 MHz

E-field 15 mm above dipole surface	condition	Interpolated maximum
Maximum measured above high end	100 mW input power	110.1 V / m
Maximum measured above low end	100 mW input power	104.5 V / m
Averaged maximum above arm	100 mW input power	107.3 V / m ± 12.8 % (k=2)

Appendix

Antenna Parameters

Frequency	Return Loss	Impedance
800 MHz	16.3 dB	42.8 Ω - 12.4 jΩ
835 MHz	29.4 dB	$51.5 \Omega + 3.1 j\Omega$
900 MHz	16.3 dB	55.5 Ω - 15.3 jΩ
950 MHz	19.6 dB	44.2 Ω + 8.1 jΩ
960 MHz	16.2 dB	50.8 Ω + 15.7 jΩ

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.

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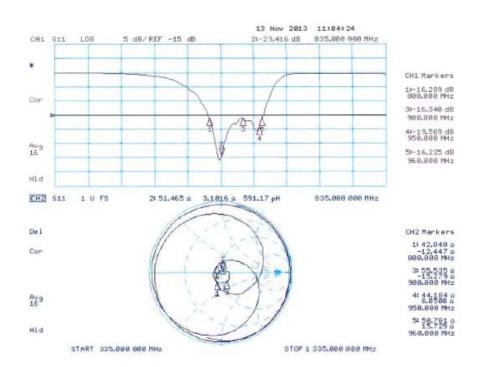
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Impedance Measurement Plot



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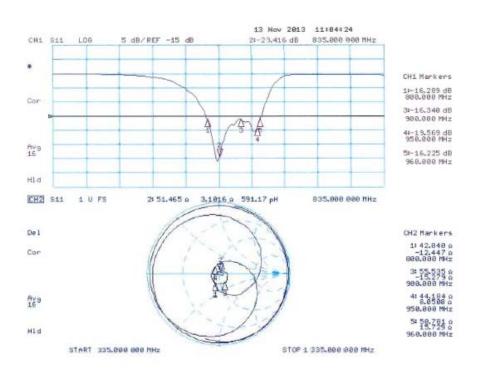
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Client

Blackberry Waterloo

Accreditation No.: SCS 108

Certificate No: CD1880V3-1008_Nov13

Object	CD1880V3 - SN	: 1008	
Calibration procedure(s)	QA CAL-20.v6 Calibration procedure for dipoles in air		
Calibration date:	November 12, 2	013	
The measurements and the unc	ertainties with confidence p	tional standards, which realize the physical units probability are given on the following pages and a pay facility: environment temperature $(22 \pm 3)^{\circ}$ C a	are part of the certificate.
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Author Data

Daoud Attayi

Dates of Test

Feb. 04, April 17-27, May 14, 2015

Report No RTS-6067-1505-04 FCC ID L6ARHR190LW

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





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Swiss Calibration Service

Accreditation No.: SCS 108

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References

[1] ANSI-C63.19-2011

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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], the measurement planes (probe sensor center) are selected to be at a
 distance of 15 mm above the top metal 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
- 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], the scan area is 20mm wide, its length exceeds the dipole arm length (180 or 90mm). The sensor center is 15 mm (in z) above the metal 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, in the plane above the dipole surface.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

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

DASY Version	DASY5	V52.8.7
Phantom	HAC Test Arch	
Distance Dipole Top - Probe Center	15mm	
Scan resolution	dx, dy = 5 mm	
Frequency	835 MHz ± 1 MHz	
Input power drift	< 0.05 dB	

Maximum Field values at 835 MHz

E-field 15 mm above dipole surface	condition	Interpolated maximum
Maximum measured above high end	100 mW input power	110.1 V / m
Maximum measured above low end	100 mW input power	104.5 V / m
Averaged maximum above arm	100 mW input power	107.3 V / m ± 12.8 % (k=2)

Appendix

Antenna Parameters

Frequency	Return Loss	Impedance
300 MHz	16.3 dB	42.8 Ω - 12.4 jΩ
835 MHz	29.4 dB	$51.5 \Omega + 3.1 j\Omega$
900 MHz	16.3 dB	55.5 Ω - 15.3 jΩ
950 MHz	19.6 dB	44.2 Ω + 8.1 jΩ
960 MHz	16.2 dB	50.8 Ω + 15.7 jΩ

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.

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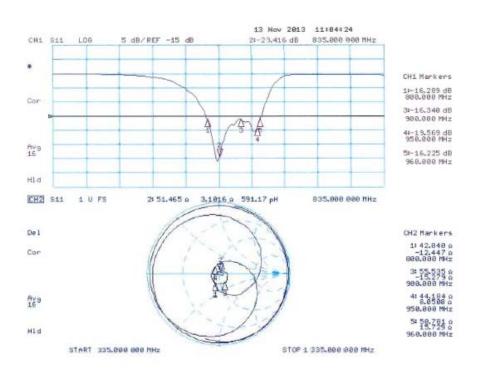
Dates of Test

Feb. 04, April 17-27, May 14, 2015

Report No **RTS-6067-1505-04**

FCC ID L6ARHR190LW

Impedance Measurement Plot



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Dates of Test

Feb. 04, April 17-27, May 14, 2015

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Report No

FCC ID L6ARHR190LW

DASY5 E-field Result

Date: 12.11.2013

Test Laboratory: SPEAG Lab2

DUT: HAC-Dipole 835 MHz; Type: CD835V3; Serial: CD835V3 - SN: 1011

Communication System: UID 0 - CW; Frequency: 835 MHz Medium parameters used: σ = 0 S/m, ϵ_r = 1; ρ = 1000 kg/m³ Phantom section: RF Section

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

DASY52 Configuration:

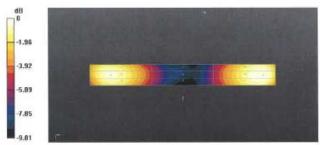
- Probe: ER3DV6 SN2336; ConvF(1, 1, 1); Calibrated: 28.12.2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn781; Calibrated: 13.09.2013
- . Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Dipole E-Field measurement @ 835MHz/E-Scan - 835MHz d=15mm/Hearing Aid Compatibility Test (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm Device Reference Point: 0, 0, -6.3 mm Reference Value = 111.2 V/m; Power Drift = 0.01 dB PMR not calibrated. PMF = 1.000 is applied. E-field emissions = 110.1 V/m Near-field category: M4 (AWF 0 dB)

PMF scaled E-field

Grid 1 M4 102.6 V/m	Grid 2 M4 104.5 V/m	
	Grid 5 M4 62.75 V/m	
	Grid 8 M4 110.1 V/m	3.5



0 dB = 110.1 V/m = 40.84 dBV/m

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





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Client

Blackberry Waterloo

Accreditation No.: SCS 108

Certificate No: CD1880V3-1008_Nov13

Object	CD1880V3 - SN	: 1008	
Calibration procedure(s)	QA CAL-20.v6 Calibration process	edure for dipoles in air	
Calibration date:	November 12, 2	013	
		tional standards, which realize the physical units probability are given on the following pages and	
All calibrations have been conducations and calibration Equipment used (M8		ory facility: environment temperature (22 \pm 3)°C ϵ	and humidity < 70%.
Primary Standards	10#	Cal Date (Certificate No.)	Scheduled Calibration
	GB37480704	09-Oct-13 (No. 217-01827)	Oct-14
OWER MEIOR EPM-442A			
	US37292783	09-Oct-13 (No. 217-01827)	Oct-14
ower sensor HP 8481A	US37292783 MY41092317	09-Oct-13 (No. 217-01827) 09-Oct-13 (No. 217-01828)	Oct-14 Oct-14
ower sensor HP 8481A Ower sensor HP 8481A			
Power sensor HP 8481A Power sensor HP 8481A Interence 10 dB Attenuator	MY41092317	09-Oct-13 (No. 217-01828)	Oct-14
ower sensor HP 8481A ower sensor HP 8481A deference 10 dB Attenuator robe ER3DV6	MY41092317 SN: 5047.2 (10q)	09-Oct-13 (No. 217-01828) 04-Apr-13 (No. 217-01731)	Oct-14 Apr-14
ower sensor HP 8481A ower sensor HP 8481A teference 10 dB Attenuator robe ER3DV6	MY41092317 SN: 5047.2 (10q) SN: 2336	09-Oct-13 (No. 217-01828) 04-Apr-13 (No. 217-01731) 28-Dec-12 (No. ER3-2396, Dec12)	Oct-14 Apr-14 Dec-13
Power meter EPM-442A Power sensor HP 8481A Power sensor HP 8481A Reference 10 dB Attenuator Probe ER3DV6 DAE4 Secondary Standards	MY41092317 SN: 5047.2 (10q) SN: 2336 SN: 6065	09-Oct-13 (No. 217-01828) 04-Apr-13 (No. 217-01731) 28-Dec-12 (No. ER3-2396, Dec12) 28-Dec-12 (No. H3-6065_Dec12)	Oct-14 Apr-14 Dec-13 Dec-13
Power sensor HP 8481A Power sensor HP 8481A Reference 10 dB Attenuator Probe ER3DV6 Probe H3DV6 DAE4 Secondary Standards Power meter Agilent 4419B	MY41092317 SN: 5047.2 (10q) SN: 2336 SN: 6065 SN: 781	09-Oct-13 (No. 217-01828) 04-Apr-13 (No. 217-01731) 28-Dec-12 (No. ERS-2396, Dec12) 28-Dec-12 (No. H3-6065_Dec12) 13-Sep-13 (No. DAE4-781_Sep13) Check Date (In house) 09-Oct-09 (in house check Oct-13)	Oct-14 Apr-14 Dec-13 Dec-13 Sep-14 Scheduled Check In house check: Oct-15
Power sensor HP 8481A Power sensor HP 8481A Reference 10 dB Attenuator Probe ERSDV6 Probe H3DV6 DAE4 Secondary Standards Power meter Agilent 4419B Power sensor HP E4412A	MY41092317 SN: 5047.2 (10q) SN: 2336 SN: 8085 SN: 781 ID # SN: GB42420191 SN: MY41495277	09-Oct-13 (No. 217-01828) 04-Apr-13 (No. 217-01731) 28-Dec-12 (No. ER3-2396, Dec12) 28-Dec-12 (No. H3-6065_Dec12) 13-Sep-13 (No. DAE4-781_Sep13) Check Date (In house) 09-Oct-09 (in house check Oct-13) 01-Apr-08 (in house check Oct-13)	Oct-14 Apr-14 Dec-13 Dec-13 Sep-14 Schaduled Check In house check: Oct-15 In house check: Oct-15
Power sensor HP 8481A Power sensor HP 8481A Reference 10 dB Attenuator Probe ER3DV6 Probe H3DV6 DAE4 Secondary Standards Power meter Agillent 44198 Power sensor HP E4412A Power sensor HP 8482A	MY41092317 SN: 5047.2 (10q) SN: 2336 SN: 8085 SN: 781 ID # SN: GB42420191 SN: MY41495277 SN: US37295597	09-Oct-13 (No. 217-01828) 04-Apr-13 (No. 217-01731) 28-Dec-12 (No. ER3-2336, Dec12) 28-Dec-12 (No. H3-6065_Dec12) 13-Sep-13 (No. DAE4-781_Sep13) Check Date (In house) 03-Oct-09 (in house check Oct-13) 01-Apr-08 (in house check Oct-13)	Oct-14 Apr-14 Dec-13 Dec-13 Sep-14 Scheduled Check In house check: Oct-15 In house check: Oct-15 In house check: Oct-15
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Dates of Test

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





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Report No RTS-6067-1505-04 FCC ID L6ARHR190LW

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





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 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], the scan area is 20mm wide, its length exceeds the dipole arm length (180 or 90mm). The sensor center is 15 mm (in z) above the metal 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, in the plane above the dipole surface.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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 Author Data
 Dates of Test
 Report No
 FCC ID

 Daoud Attayi
 Feb. 04, April 17-27, May 14, 2015
 RTS-6067-1505-04
 L6ARHR190LW

Measurement Conditions

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

DASY Version	DASY5	V52.8.7
Phantom	HAC Test Arch	
Distance Dipole Top - Probe Center	15mm	
Scan resolution	dx, dy = 5 mm	
Frequency	1880 MHz ± 1 MHz	
Input power drift	< 0.05 dB	

Maximum Field values at 1880 MHz

E-field 15 mm above dipole surface	condition	Interpolated maximum
Maximum measured above high end	100 mW input power	90.8 V / m
Maximum measured above low end	100 mW input power	87.3 V / m
Averaged maximum above arm	100 mW input power	89.0 V / m ± 12.8 % (k=2)

Appendix

Antenna Parameters

Frequency	Return Loss	Impedance
1730 MHz	27.3 dB	52.4 Ω + 3.7 jΩ
1880 MHz	20.3 dB	50.2 Ω + 9.7 jΩ
1900 MHz	20.8 dB	$52.5 \Omega + 9.0 j\Omega$
1950 MHz	28.5 dB	52.5 Ω + 2.9 jΩ
2000 MHz	18.5 dB	43.0 Ω + 8.7 jΩ

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.

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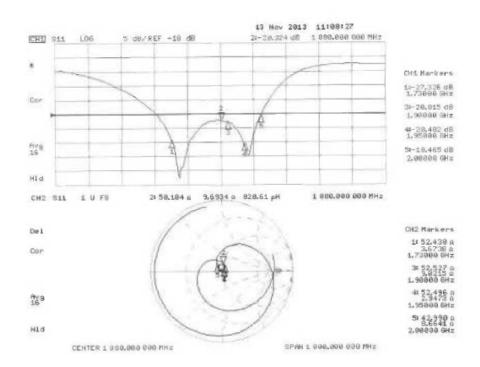
Dates of Test Feb. 04, April 17-27, May 14, 2015

RTS-6067-1505-04

Report No

FCC ID L6ARHR190LW

Impedance Measurement Plot



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Daoud Attayi

Dates of Test

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Report No

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DASY5 E-field Result

Date: 12.11.2013

Test Laboratory: SPEAG Lab2

DUT: HAC Dipole 1880 MHz; Type: CD1880V3; Serial: CD1880V3 - SN: 1008

Communication System: UTD 0 - CW; Frequency: 1880 MHz Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³ Phantom section: RF Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY52 Configuration:

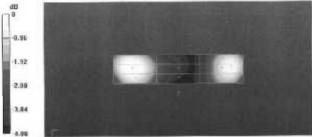
- Probe: ER3DV6 SN2336; ConvF(1, 1, 1); Calibrated: 28.12.2012;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn781; Calibrated: 13.09.2013
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1070
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Dipole E-Field measurement @ 1880MHz/E-Scan - 1880MHz d=15mm/Hearing Aid Compatibility Test (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 149.9 V/m: Power Drift = 0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 90.79 V/m
Near-field entegory: M3 (AWF 0 dB)

PMF scaled E-field

	Grid 2 M3 90.79 V/m	
Grid 4 M3 69.20 V/m	Grid 5 M3 70.42 V/m	33 14 1
	Grid 8 M3 87.31 V/m	



0 dB = 90.79 V/m = 39.16 dBV/m

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