



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

EXHIBIT 9 Appendix B1: SAR DISTRIBUTION PLOTS (HEAD)

CELL

Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 11/01/2012

FCC S2150 CDMA-800 BC-0 Left, Ch. 1013, Left Cheek

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 43.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 Ch1013 LC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.496 mW/g

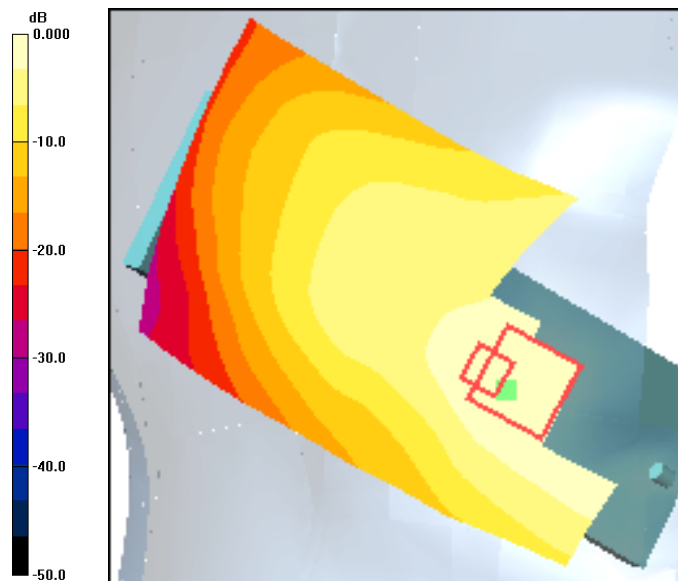
CDMA-800 Ch1013 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.59 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.521 mW/g



0 dB = 0.496mW/g

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Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 11/01/2012

FCC S2150 CDMA-800 BC-0 Left, Ch. 1013, Left Tilt

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 43.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 Ch1013 LT/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 mW/g

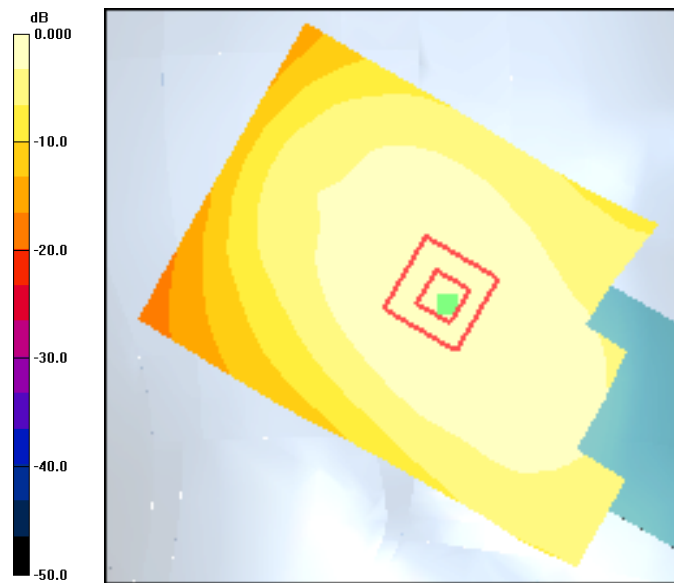
CDMA-800 Ch1013 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.93 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.203mW/g

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Test Laboratory: Comptest/Kyocera

Date: 11/01/2012

FCC S2150 CDMA-800 BC-0 Right, Ch. 1013, Right Cheek

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 43.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-800 Ch1013 RC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.594 mW/g

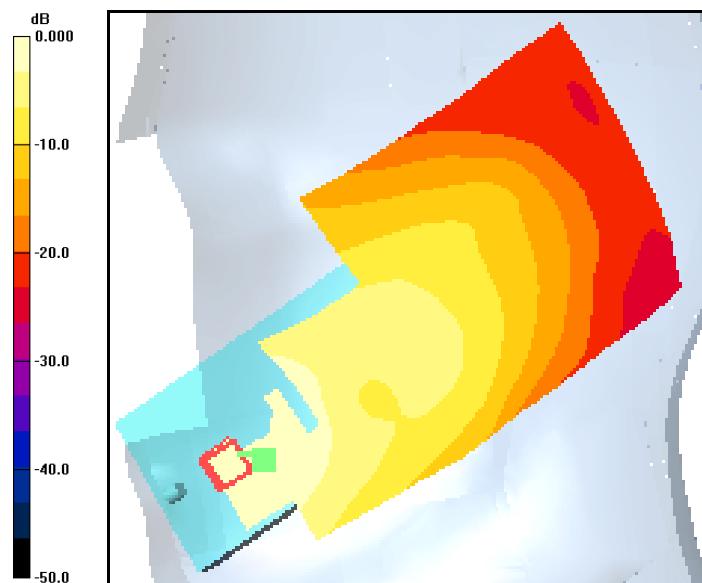
CDMA-800 Ch1013 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.73 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.720 mW/g



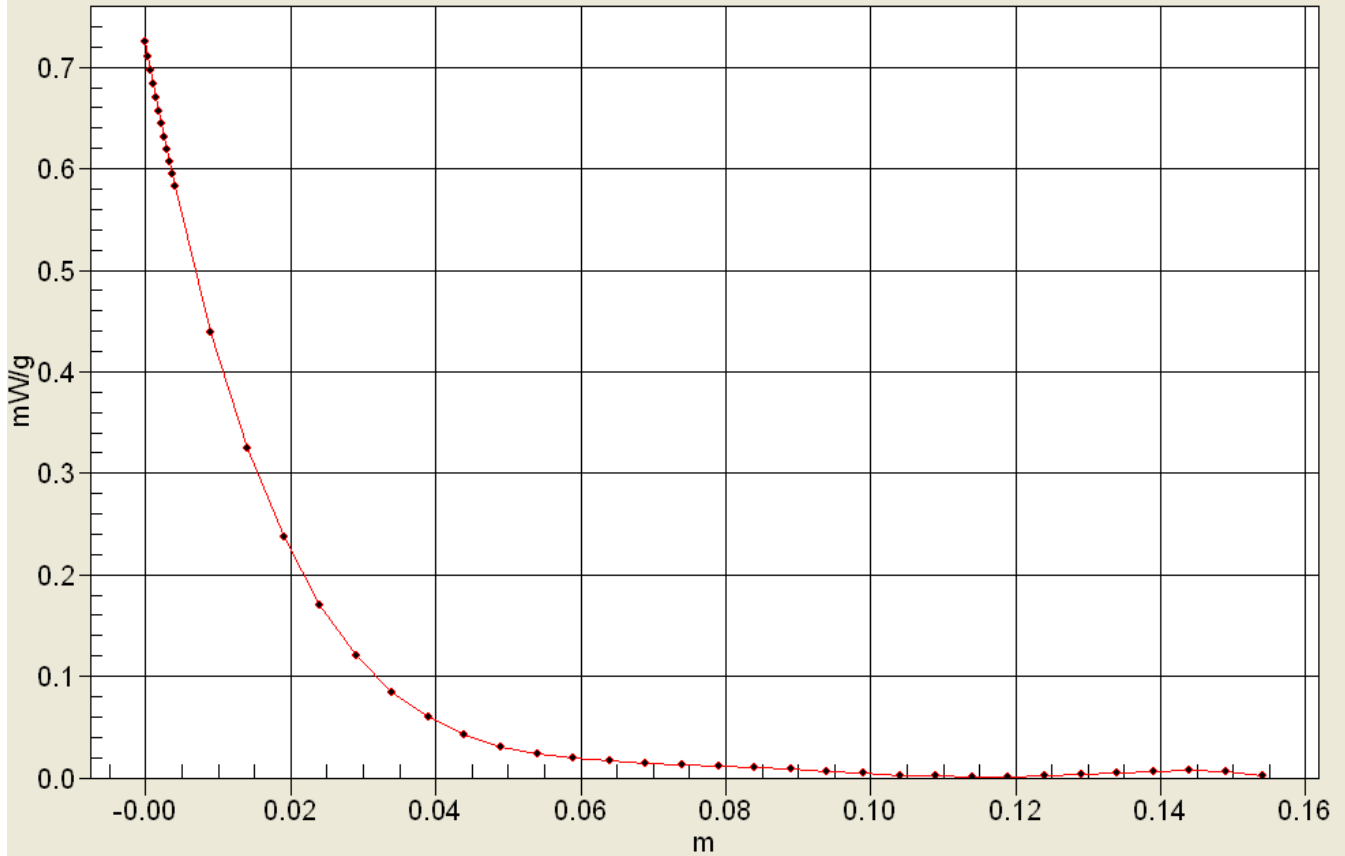
0 dB = 0.720mW/g



Applicant:	Kyocera
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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 11/01/2012

FCC S2150 CDMA-800 BC-0 Right, Ch. 1013, Right Tilt

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 43.3$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 °C ± 1 deg C, Liquid T = 22.0 °C ± 1 deg C

CDMA-800 Ch1013 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.228 mW/g

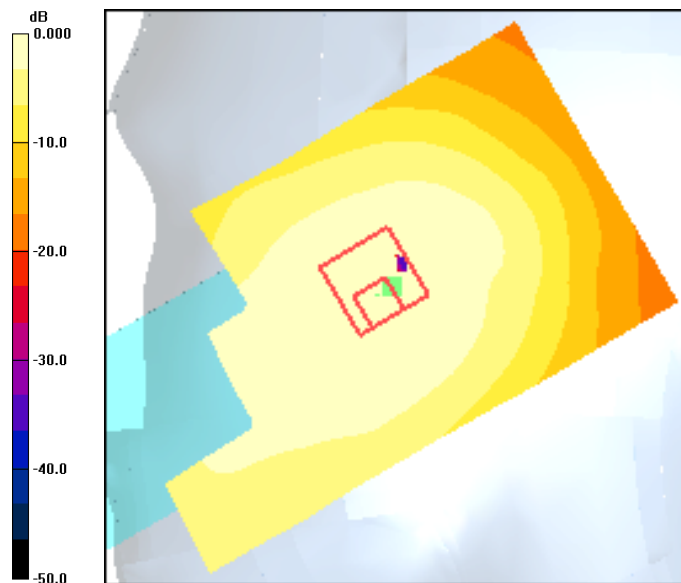
CDMA-800 Ch1013 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.53 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.228mW/g



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 11/09/2012

FCC S2150 CDMA-800 BC-0 Right, Ch. 1013, Flat-Jaw

Communication System: Cell BC 0&10 , Frequency: 824.7 MHz, Duty Cycle: 1:1

Medium: Head 835 MHz, Medium parameters used (interpolated): $f = 824.7 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3035, ConvF(6.04, 6.04, 6.04), Calibrated: 2/22/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn530, Calibrated: 5/30/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 Ch1013 Flat Jaw/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.696 mW/g

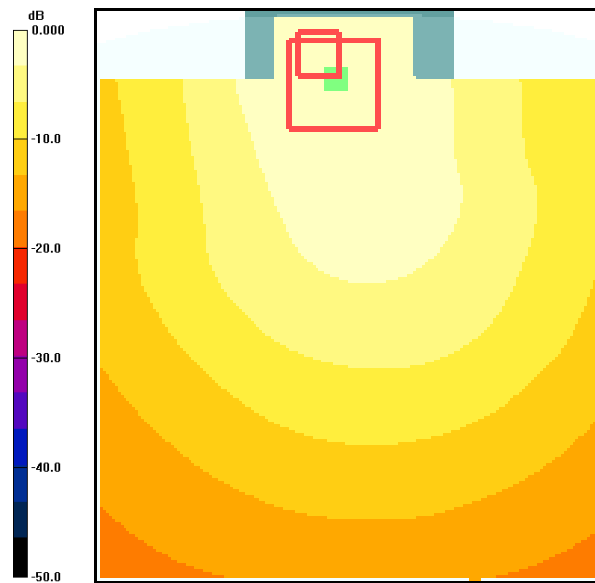
CDMA-800 Ch1013 Flat Jaw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.51 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.443 mW/g

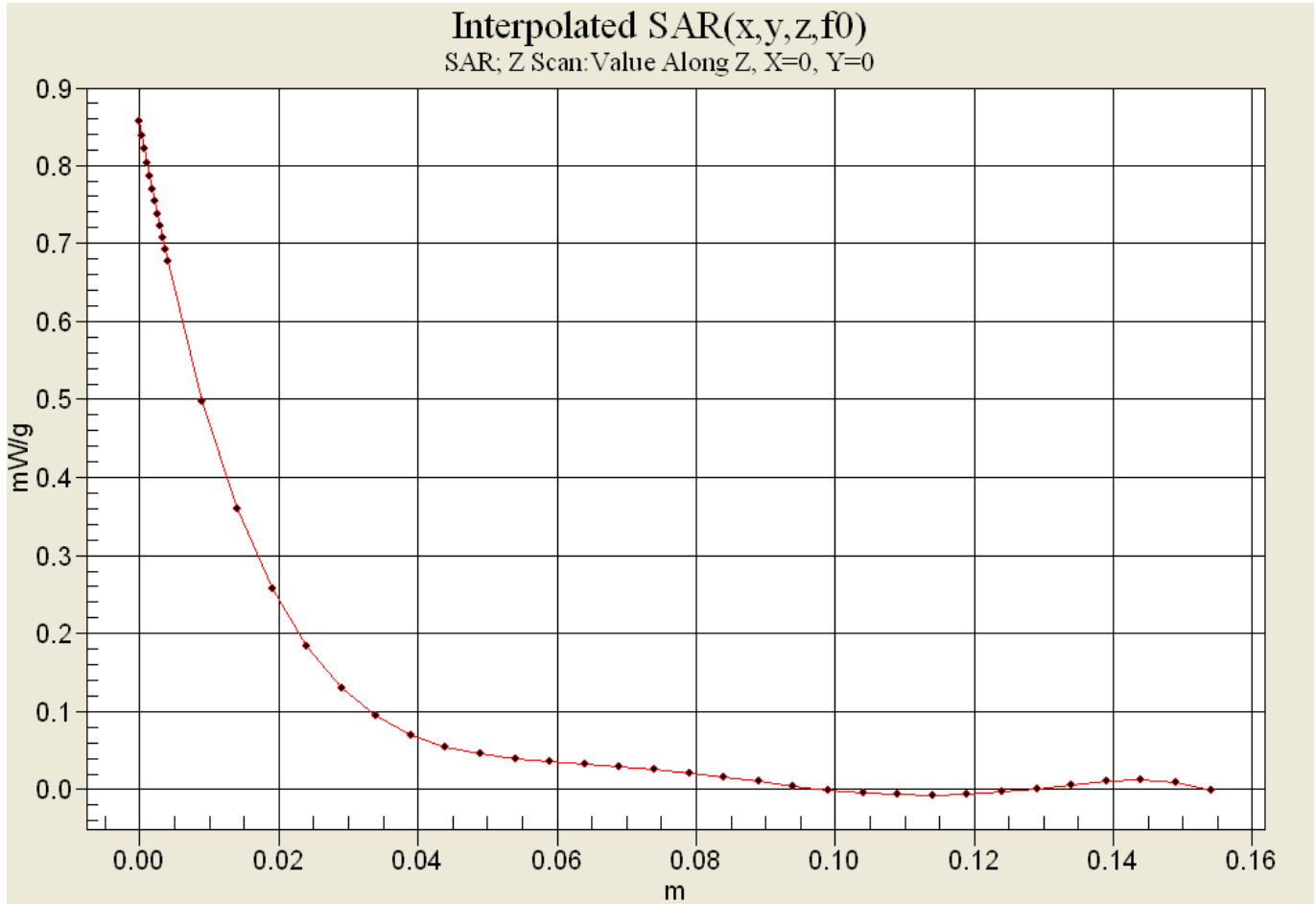
Maximum value of SAR (measured) = 0.722 mW/g



0 dB = 0.696mW/g



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AWS

Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 10/31/2012

FCC S2150 CDMA-1700 Left, Ch.25, Left Cheek

Communication System: AWS 1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1

Medium: HSL1700,Medium parameters used (interpolated): $f = 1711.25$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.02, 5.02, 5.02), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/12/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1700_Ch25 LC/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.00 mW/g

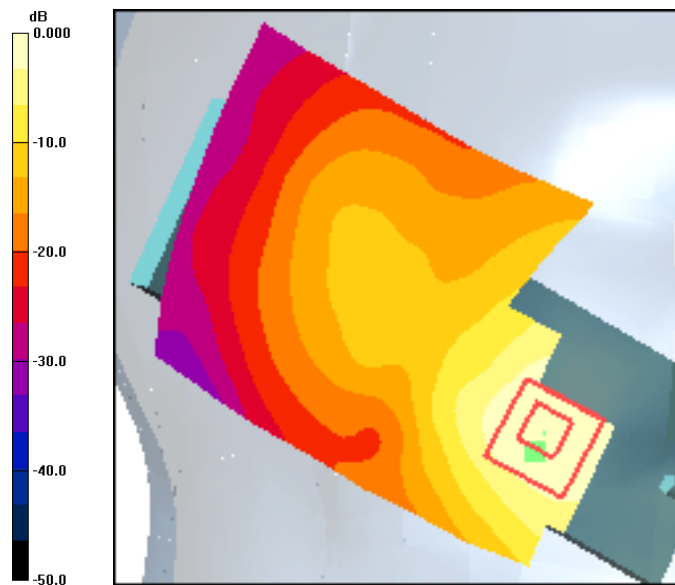
CDMA-1700_Ch25 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.91 V/m; Power Drift = 0.142 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.521 mW/g

Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.00mW/g

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Test Laboratory: Comptest/Kyocera

Date: 10/31/2012

FCC S2150 CDMA-1700 Left, Ch.450, Left Cheek

Communication System: AWS 1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1

Medium: HSL1700,Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.02, 5.02, 5.02), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603,Calibrated: 9/12/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1700_CH450 LC/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

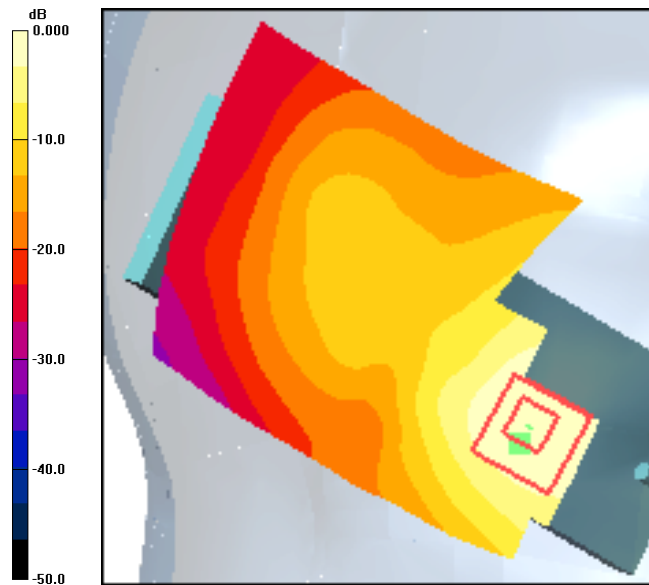
CDMA-1700_CH450 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.31 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.542 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.02mW/g

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Test Laboratory: Comptest/Kyocera

Date: 10/31/2012

FCC S2150 CDMA-1700 Left, Ch.875, Left Cheek

Communication System: AWS 1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: HSL1700, Medium parameters used (interpolated): $f = 1753.75$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.02, 5.02, 5.02), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1700_Ch 875 LC/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 mW/g

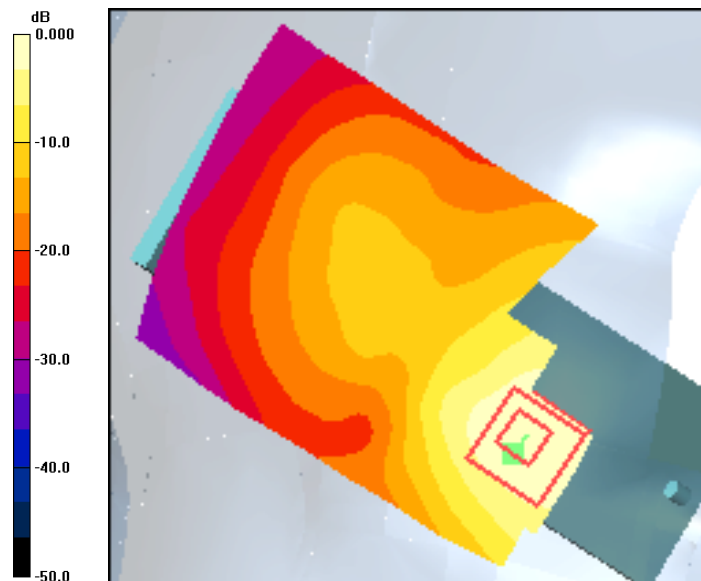
CDMA-1700_Ch 875 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.28 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.537 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



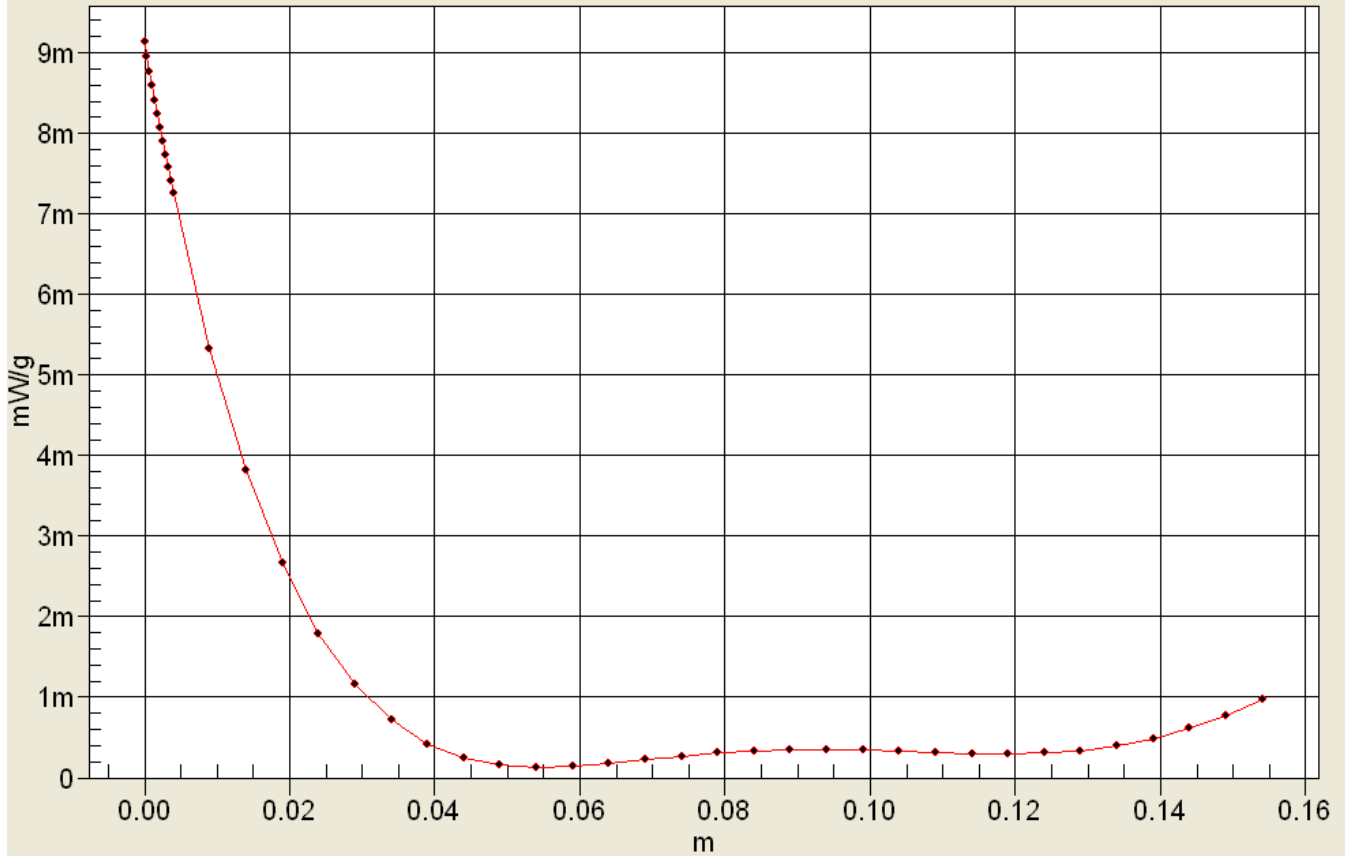
0 dB = 1.04mW/g



Applicant:	Kyocera
FCC ID:	V65S2150
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Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 10/31/2012

FCC S2150 CDMA-1700 Left, Ch. 875, Left Tilt

Communication System: AWS 1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: HSL1700, Medium parameters used (interpolated): $f = 1753.75$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.02, 5.02, 5.02), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1700_CH875 LT/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.123 mW/g

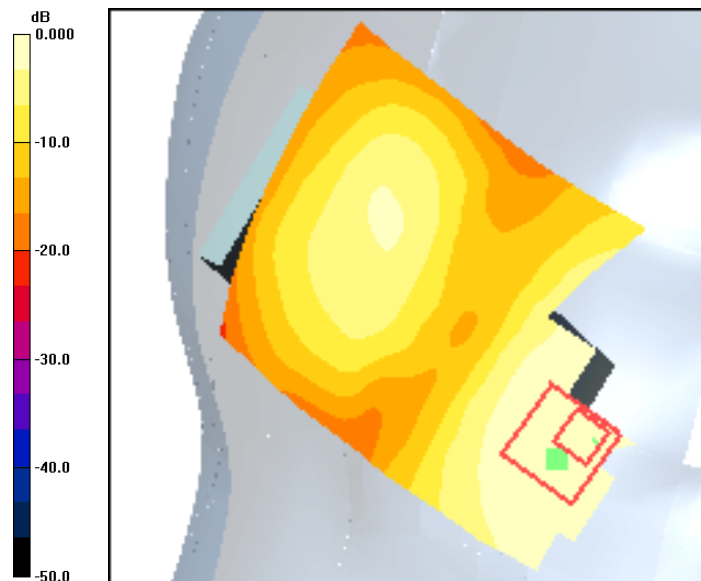
CDMA-1700_CH875 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.86 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.123mW/g

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Test Laboratory: Comptest/Kyocera

Date: 10/31/2012

FCC S2150 CDMA-1700 Right, Ch. 875, Right Cheek

Communication System: AWS 1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: HSL1700, Medium parameters used (interpolated): $f = 1753.75$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.02, 5.02, 5.02), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1700 Ch875 RC/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.661 mW/g

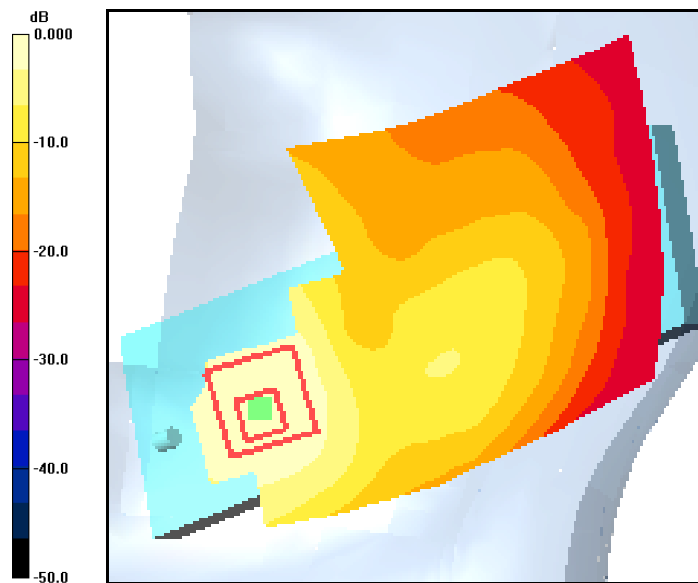
CDMA-1700 Ch875 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.54 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.353 mW/g

Maximum value of SAR (measured) = 0.658 mW/g



0 dB = 0.661mW/g

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FCC ID:	V65S2150
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Test Laboratory: Comptest/Kyocera

Date: 10/31/2012

FCC S2150 CDMA-1700 Right, Ch. 875, Right Tilt

Communication System: AWS 1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1

Medium: HSL1700, Medium parameters used (interpolated): $f = 1753.75$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.02, 5.02, 5.02), Calibrated: 5/29/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn603, Calibrated: 9/12/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 °C ± 1 deg C, Liquid T = 22.0 °C ± 1 deg C

CDMA-1700 Ch875 RT/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.096 mW/g

CDMA-1700 Ch875 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.48 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.091 mW/g

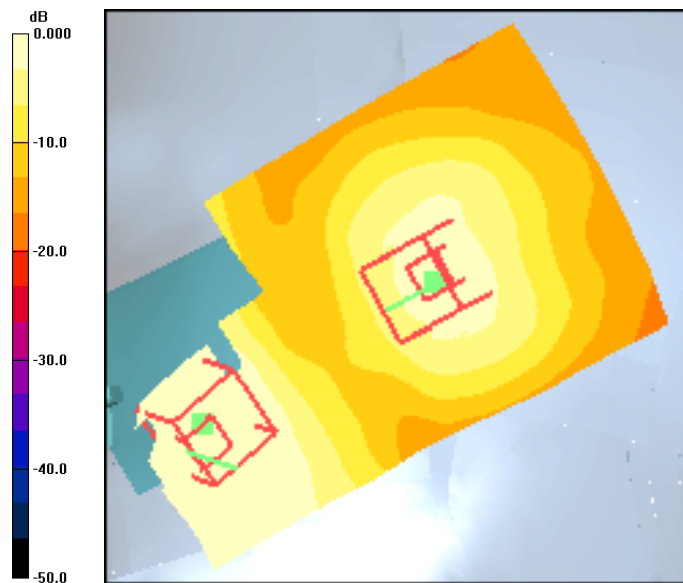
CDMA-1700 Ch875 RT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.48 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.096mW/g



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PCS

Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 10/30/2012

FCC S2150 CDMA-1900 Left, Ch. 25, Left Cheek

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated): $f = 1851.25$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1900_Ch25 LC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.847 mW/g

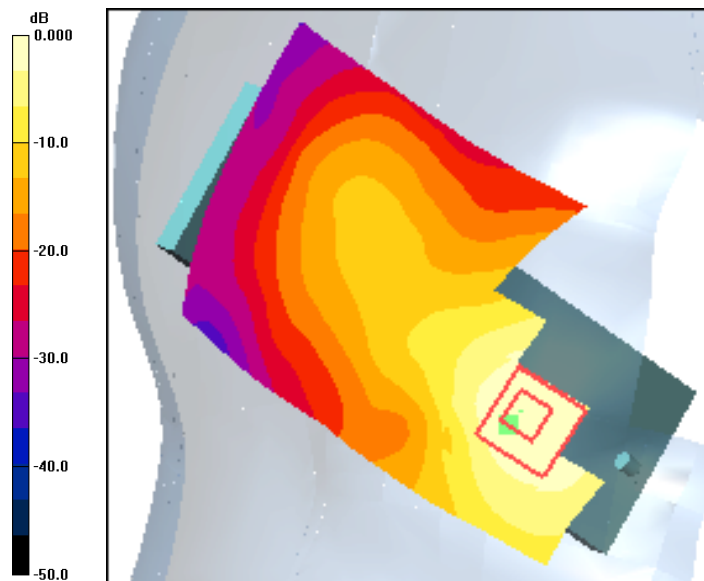
CDMA-1900_Ch25 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.74 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.495 mW/g

Maximum value of SAR (measured) = 0.998 mW/g



0 dB = 0.847mW/g

Applicant:	Kyocera
FCC ID:	V65S2150
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Test Laboratory: Comptest/Kyocera

Date: 10/30/2012

FCC S2150 CDMA-1900 Left, Ch. 600, Left Cheek

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.45 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1900_CH600 LC/Area Scan (91x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 mW/g

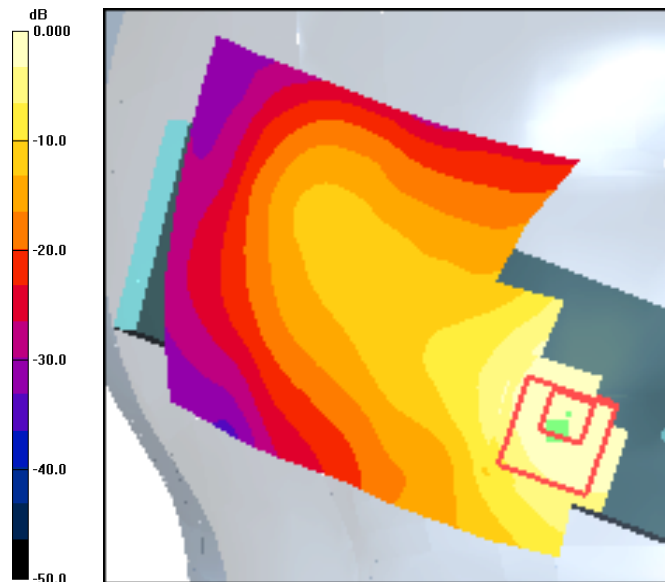
CDMA-1900_CH600 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.04 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.524 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.07mW/g

Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 10/29/2012

FCC S2150 CDMA-1900 Left, Ch. 1175, Left Cheek

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1900_Ch 1175 LC/Area Scan (101x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 mW/g

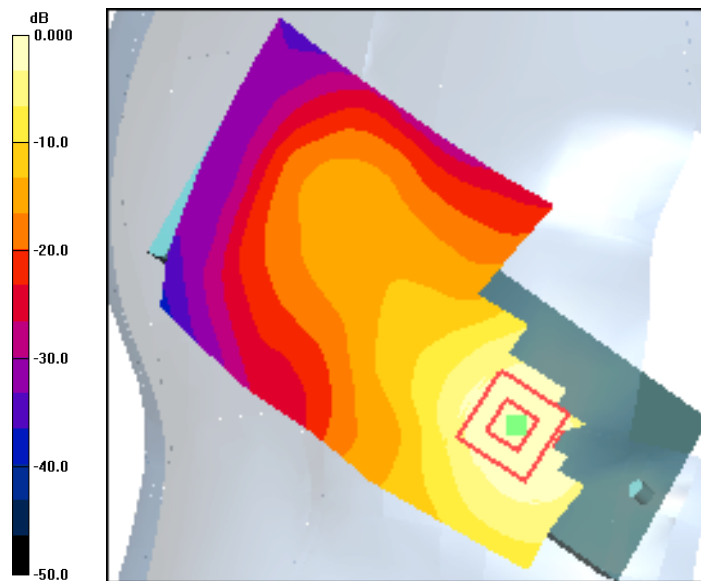
CDMA-1900_Ch 1175 LC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.35 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.648 mW/g

Maximum value of SAR (measured) = 1.28 mW/g



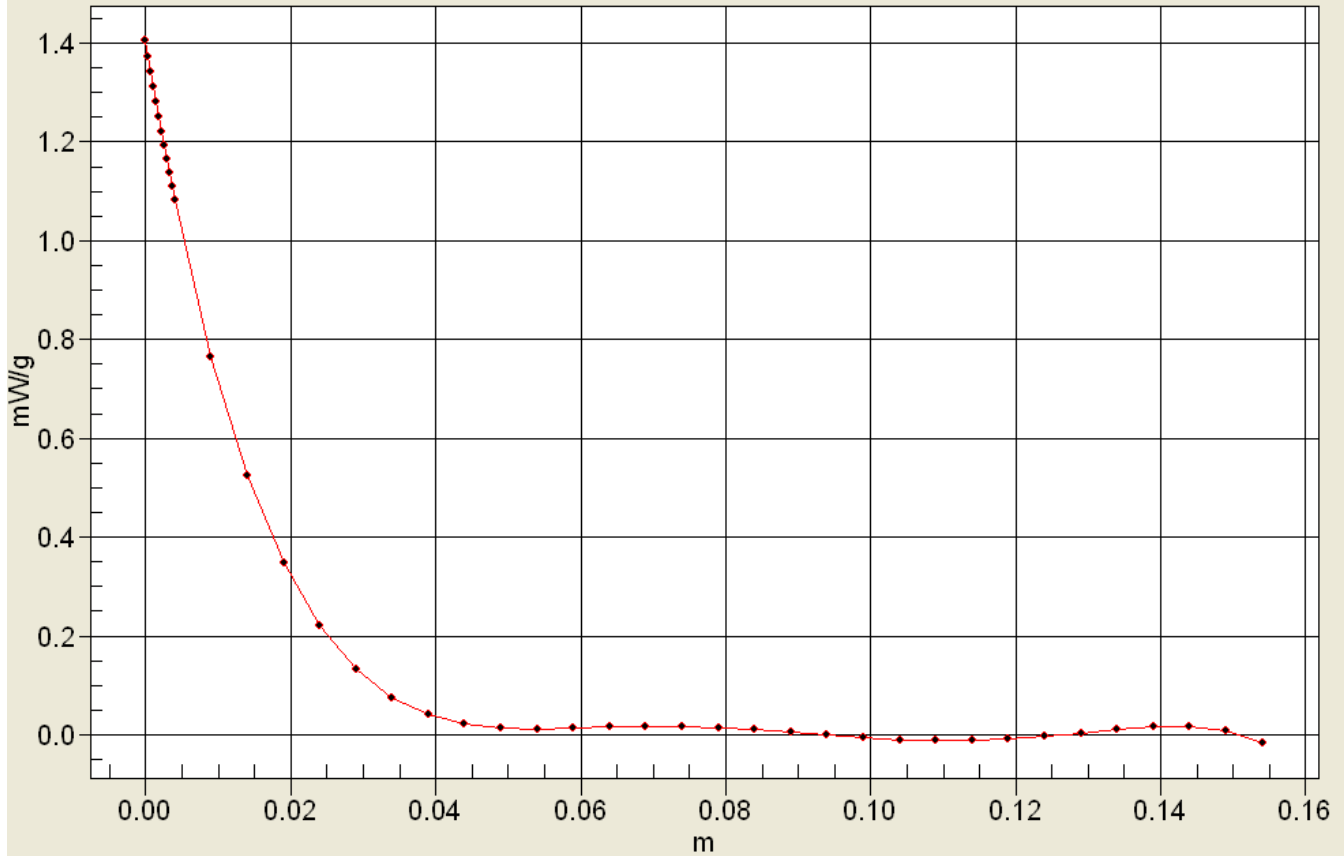
0 dB = 1.15mW/g



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Interpolated SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 10/30/2012

FCC S2150 CDMA-1900 Left, Ch. 1175, Left Tilt

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Left Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1900_Ch 1175 LT/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.113 mW/g

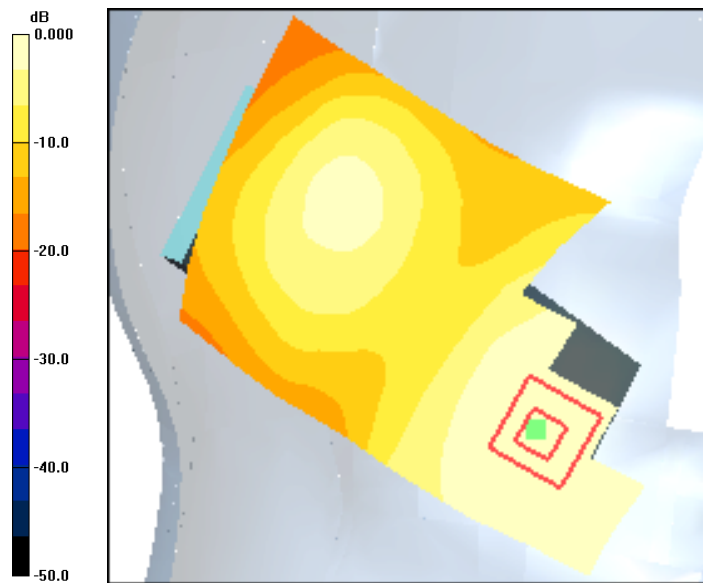
CDMA-1900_Ch 1175 LT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.67 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



0 dB = 0.113mW/g

Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 10/30/2012

FCC S2150 CDMA-1900 Right, Ch. 1175, Right Cheek

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 \pm 1 deg C, Liquid T = 22.0 \pm 1 deg C

CDMA-1900 Ch1175 RC/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.461 mW/g

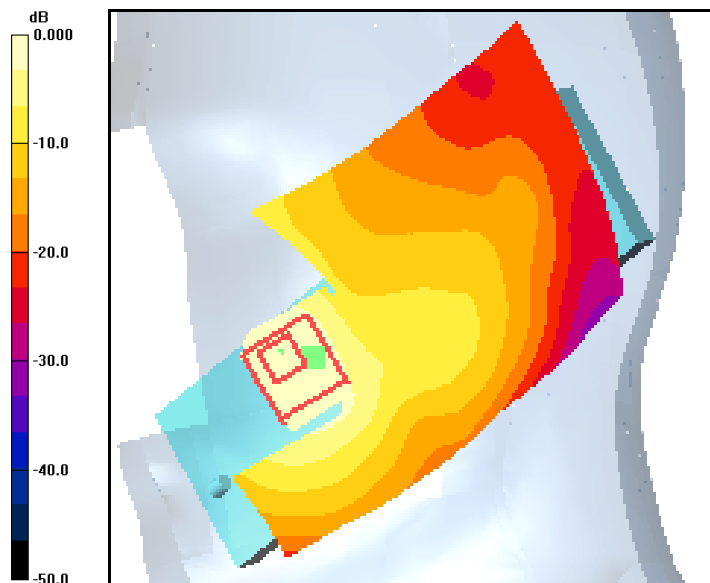
CDMA-1900 Ch1175 RC/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.21 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.502 mW/g

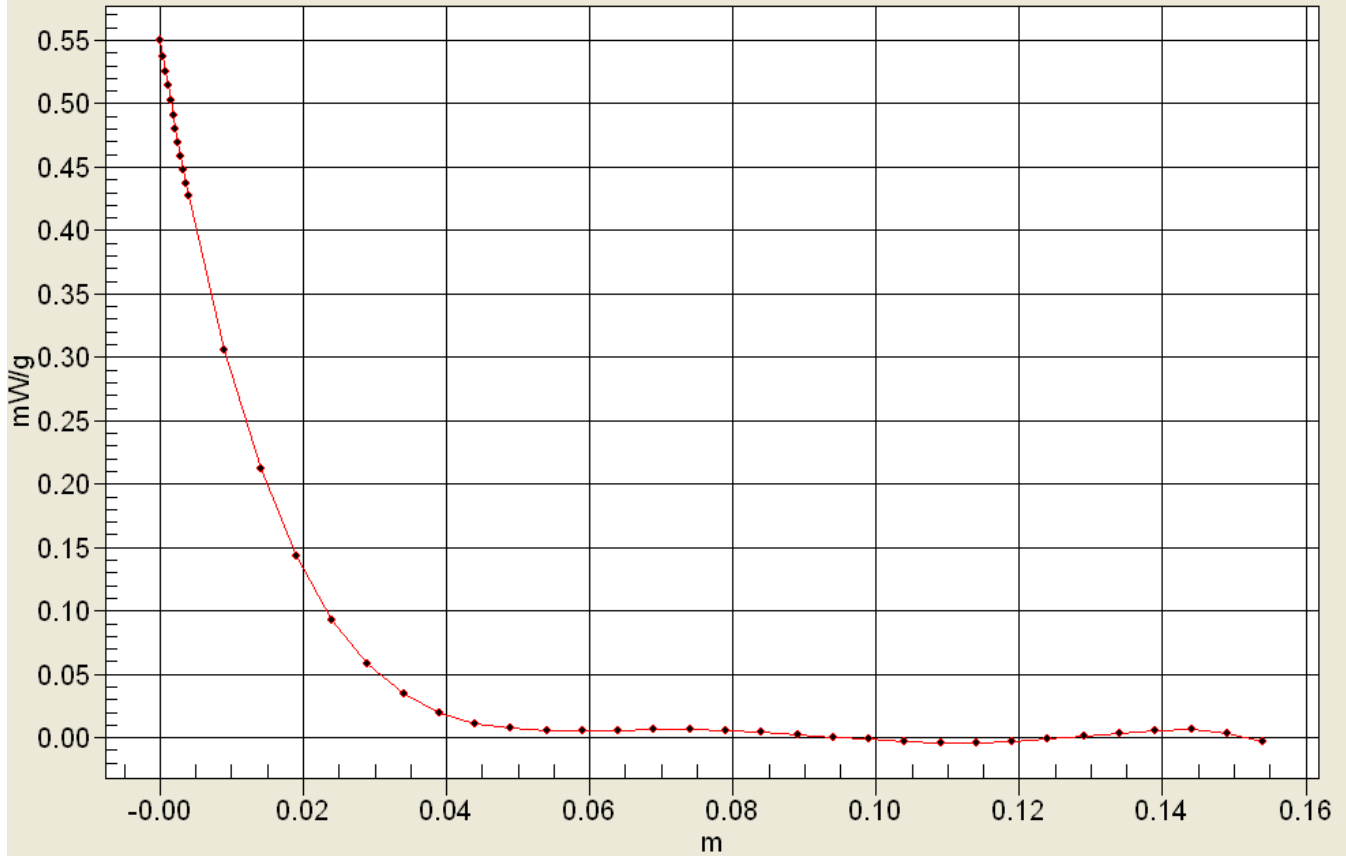


0 dB = 0.461mW/g



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Interpolated SAR(x,y,z,f0)
SAR; Z Scan: Value Along Z, X=0, Y=0



Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 10/30/2012

FCC S2150 CDMA-1900 Right, Ch. 1175, Right Tilt

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Right Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-1900 Ch1175 RT/Area Scan (111x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.092 mW/g

CDMA-1900 Ch1175 RT/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.78 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = n.a.

Maximum value of SAR (measured) = 0.097 mW/g

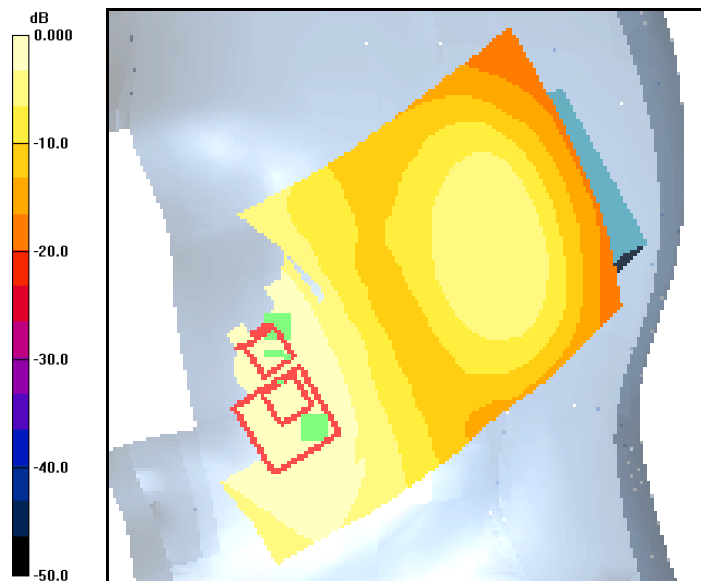
CDMA-1900 Ch1175 RT/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.78 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



0 dB = 0.092mW/g

Applicant:	Kyocera
FCC ID:	V65S2150
Report #:	CT-S2150-9B1-1012-R0

Test Laboratory: Comptest/Kyocera

Date: 11/09/2012

FCC S2150 CDMA-1900 Right, Ch. 1175, Flat-Jaw

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1

Medium: HSL1900, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(5.17, 5.17, 5.17), Calibrated: 9/13/2012

Sensor-Surface: 4mm (Mechanical Surface Detection),

Electronics: DAE4 Sn675, Calibrated: 5/23/2012

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-PCS FLAT Ch1175/Area Scan (91x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.454 mW/g

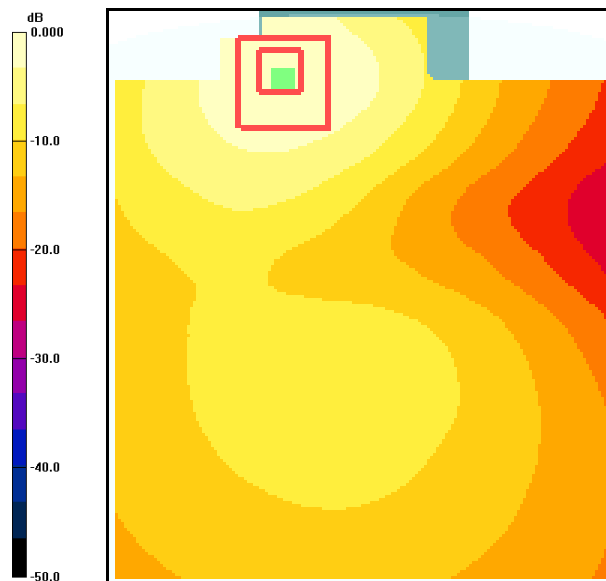
CDMA-PCS FLAT Ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.12 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.444 mW/g



0 dB = 0.454mW/g