



Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

EXHIBIT 9 APPENDIX B3: SAR DISTRIBUTION PLOTS (HOTSPOT)

CELL – BC0

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-0 Flat with 1cm Air Space, Front Ch. 1013

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

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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-800 FLAT - Front Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.697 mW/g

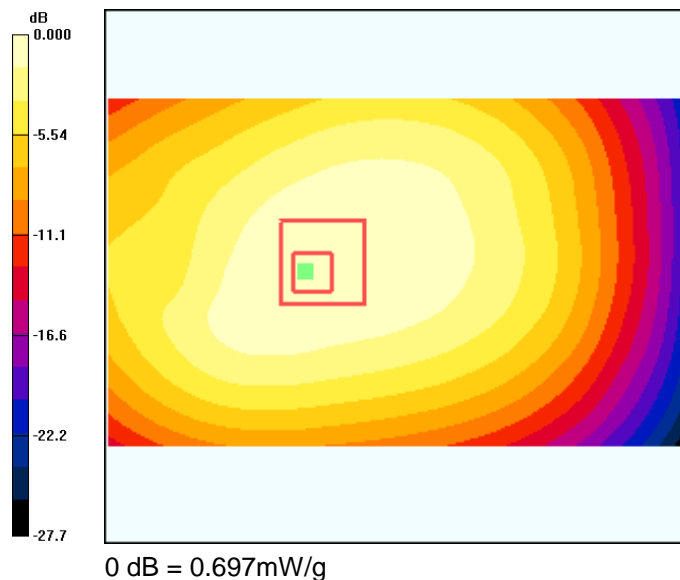
CDMA-800 FLAT - Front Ch1013/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.3 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.829 W/kg

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.489 mW/g

Maximum value of SAR (measured) = 0.684 mW/g



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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-0 Flat with 1cm Air Space, Back Ch. 1013

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

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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-800 FLAT Back Ch1013/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.19 mW/g

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

Reference Value = 30.9 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.816 mW/g

Maximum value of SAR (measured) = 1.19 mW/g

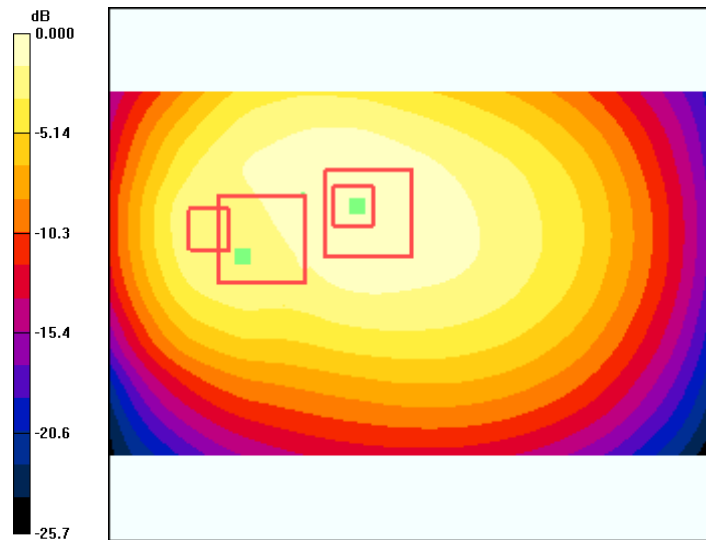
CDMA-800 FLAT Back Ch1013/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.9 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.498 mW/g

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

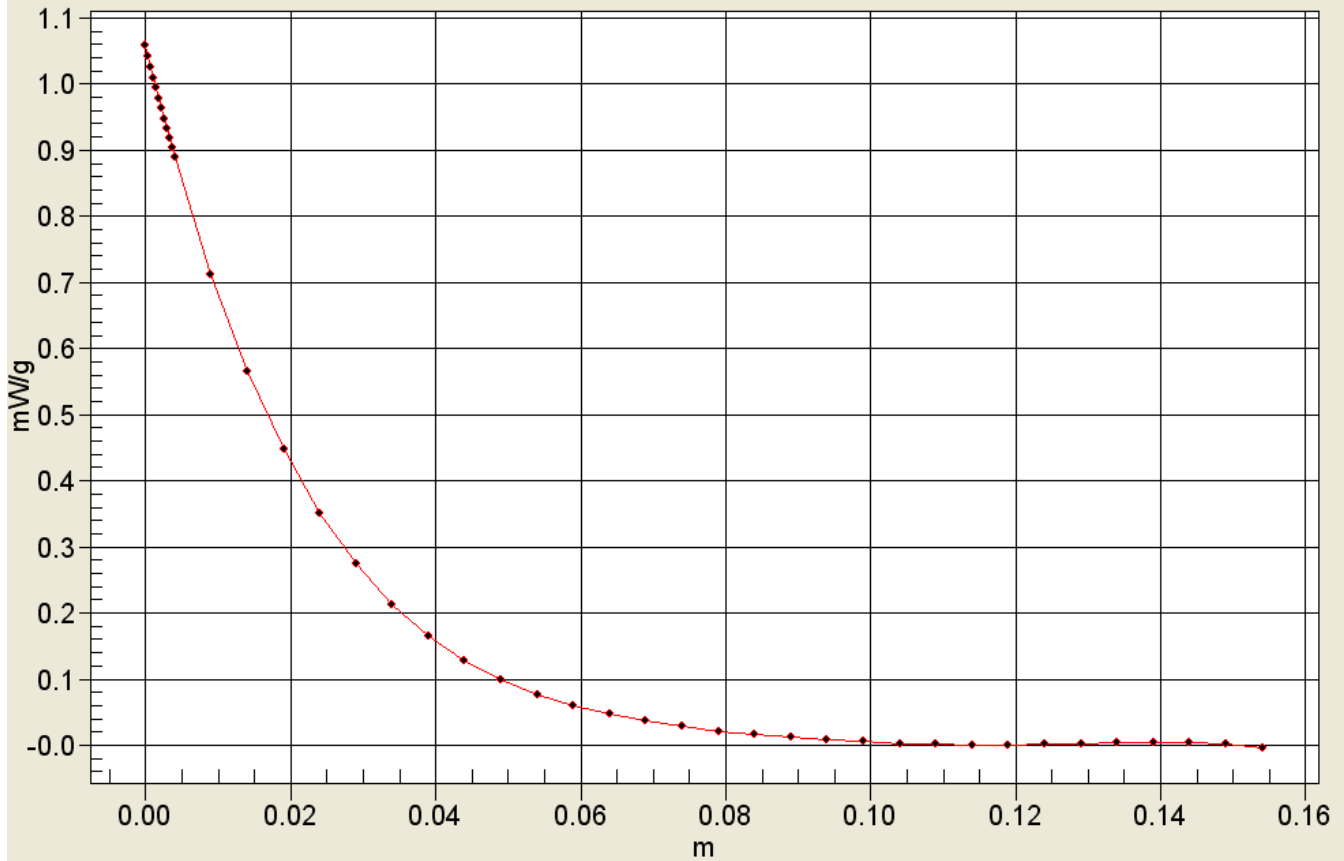




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Interpolated SAR(x,y,z,f0)

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



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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-0 Flat with 1cm Air Space, Back Ch. 384

Communication System: CDMA-800, Frequency: 836.52 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 836.52 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

CDMA-800 FLAT - Back Ch384/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

CDMA-800 FLAT - Back Ch384/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.9 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.775 mW/g

Maximum value of SAR (measured) = 1.13 mW/g

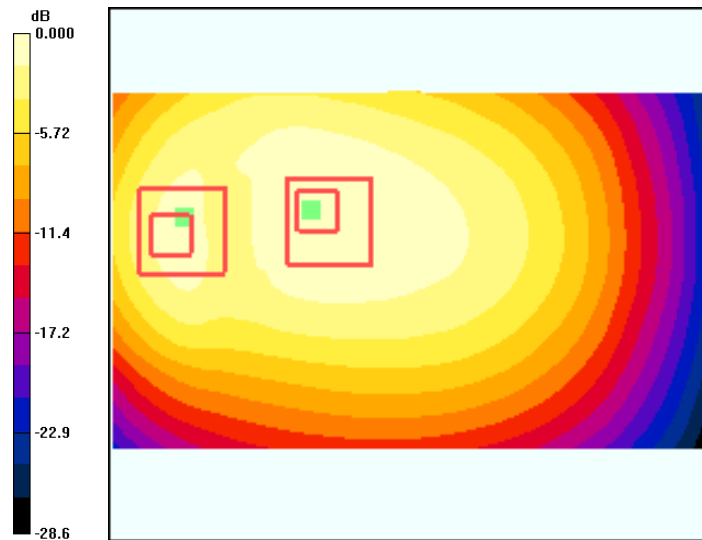
CDMA-800 FLAT - Back Ch384/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.9 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.466 mW/g

Maximum value of SAR (measured) = 0.907 mW/g



0 dB = 1.14mW/g

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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-0 Flat with 1cm Air Space, Back Ch. 777

Communication System: CDMA-800, Frequency: 848.31 MHz, Duty Cycle: 1:1

Medium: M800, Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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-800 FLAT - Back Ch777/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.06 mW/g

CDMA-800 FLAT - Back Ch777/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.4 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.713 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

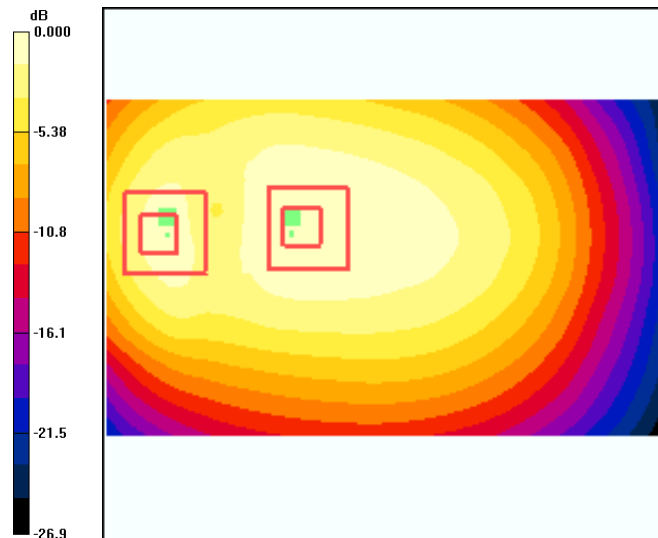
CDMA-800 FLAT - Back Ch777/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.4 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 0.878 mW/g



0 dB = 1.06mW/g

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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-0 Flat with 1cm Air Space, Left Ch. 1013

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

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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

Cell Ch1013 FLAT -Left/Area Scan (91x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.576 mW/g

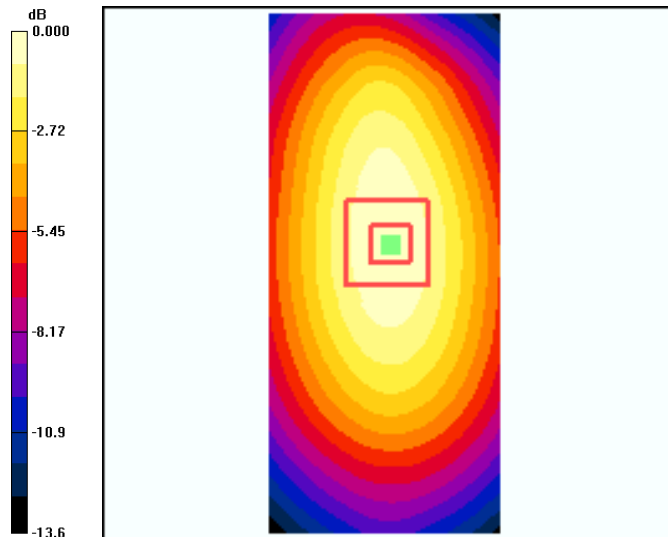
Cell Ch1013 FLAT -Left/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.372 mW/g

Maximum value of SAR (measured) = 0.571 mW/g

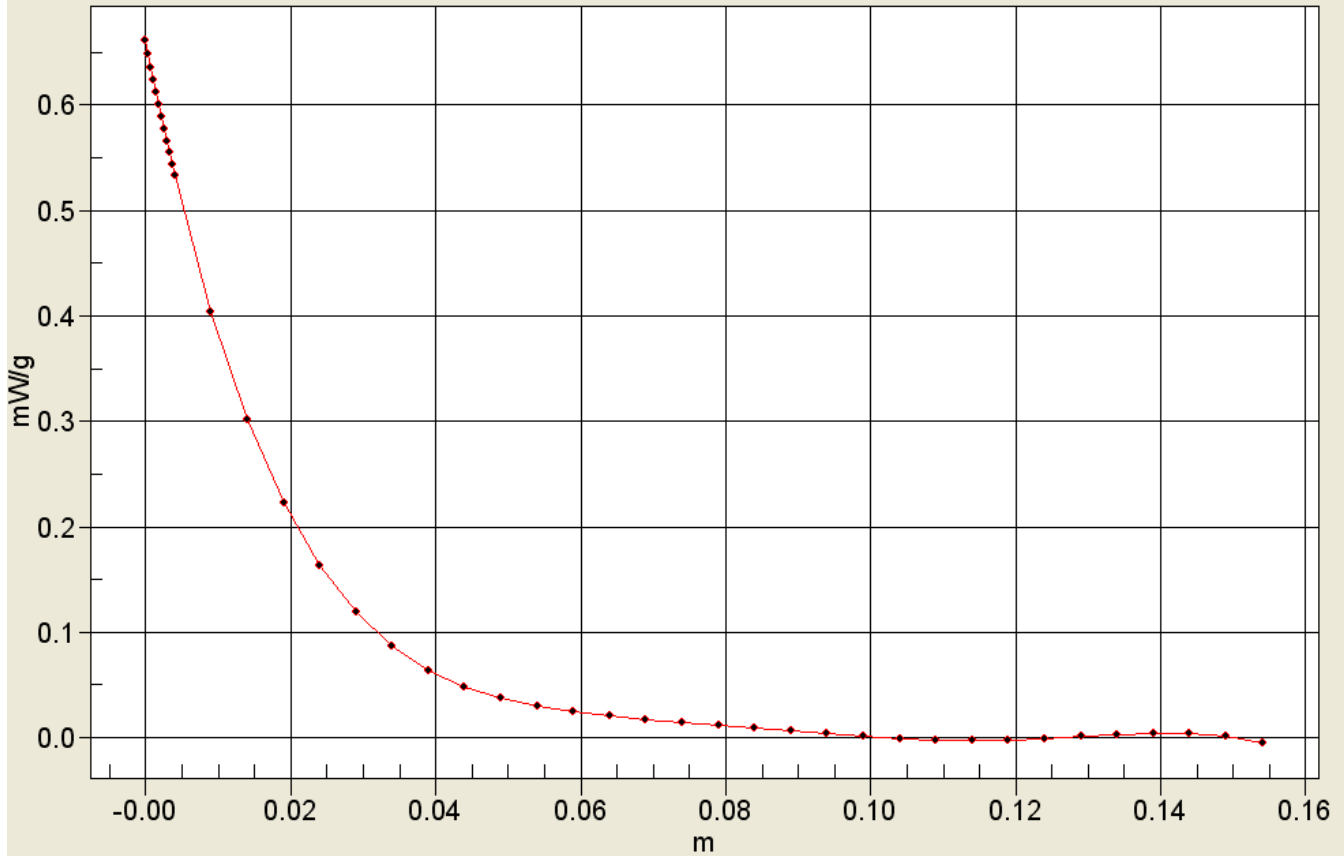


0 dB = 0.576mW/g



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



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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-0 Flat with 1cm Air Space, Right Ch. 1013

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

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

Cell Ch1013 FLAT - Right/Area Scan (91x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.695 mW/g

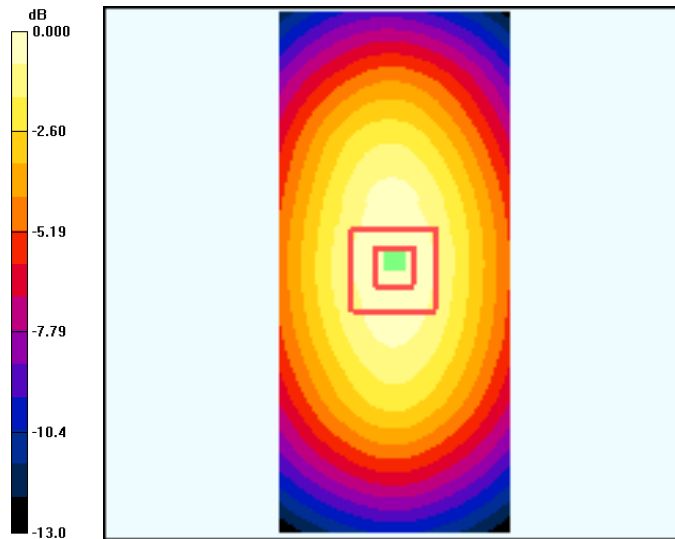
Cell Ch1013 FLAT - Right/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.3 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.450 mW/g

Maximum value of SAR (measured) = 0.676 mW/g



0 dB = 0.695mW/g

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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-0 Flat with 1cm Air Space, Bottom Ch. 1013

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

Medium: M800, Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

CELL Ch1013 FLAT -Bottom/Area Scan (71x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.166 mW/g

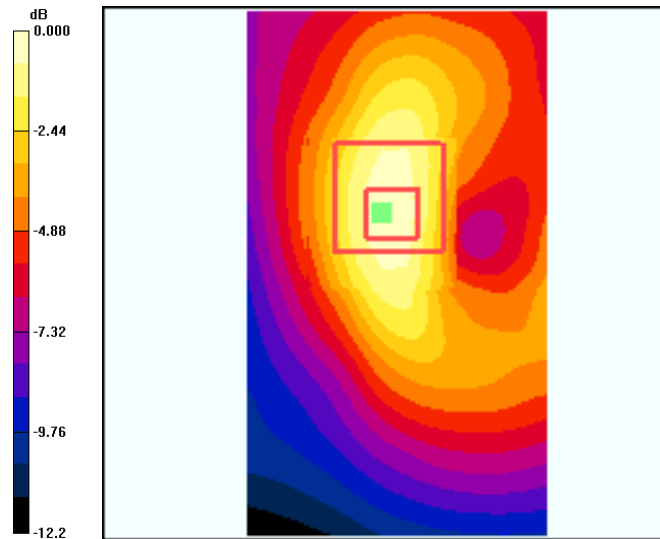
CELL Ch1013 FLAT -Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.166mW/g



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CELL - BC10

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-10 Flat with 1cm Air Space, Front Ch. 476

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

CDMA-800 FLAT - Front Ch580/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.702 mW/g

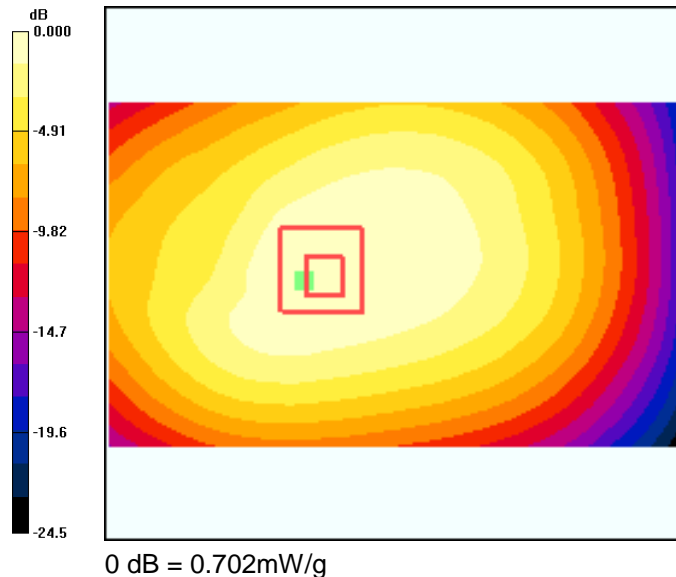
CDMA-800 FLAT - Front Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.6 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.697 mW/g



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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-10 Flat with 1cm Air Space, Back Ch. 476

Communication System: Cell BC-10 , Frequency: 817.9 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 817.9$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

CDMA-800 FLAT Back Ch476/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.13 mW/g

CDMA-800 FLAT Back Ch476/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.790 mW/g

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

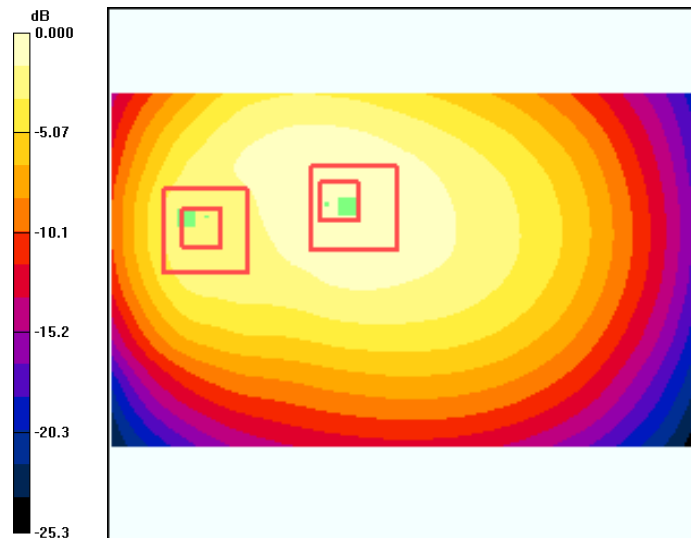
CDMA-800 FLAT Back Ch476/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.802 mW/g



0 dB = 1.13mW/g

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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-10 Flat with 1cm Air Space, Back Ch. 580

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5 \text{ MHz}$; $\sigma = 0.96 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square 1 \text{ deg C}$, Liquid T = 22.0 $\square\square\square 1 \text{ deg C}$

CDMA-800 FLAT - Back Ch580/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.16 mW/g

CDMA-800 FLAT - Back Ch580/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.6 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.802 mW/g

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

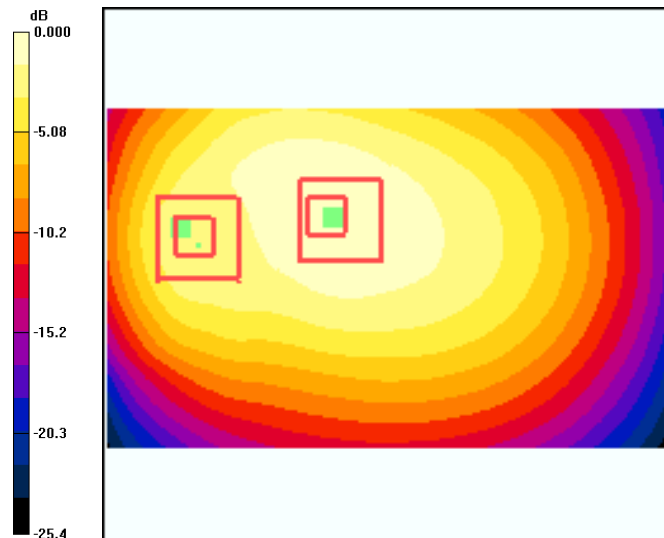
CDMA-800 FLAT - Back Ch580/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.6 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.805 mW/g

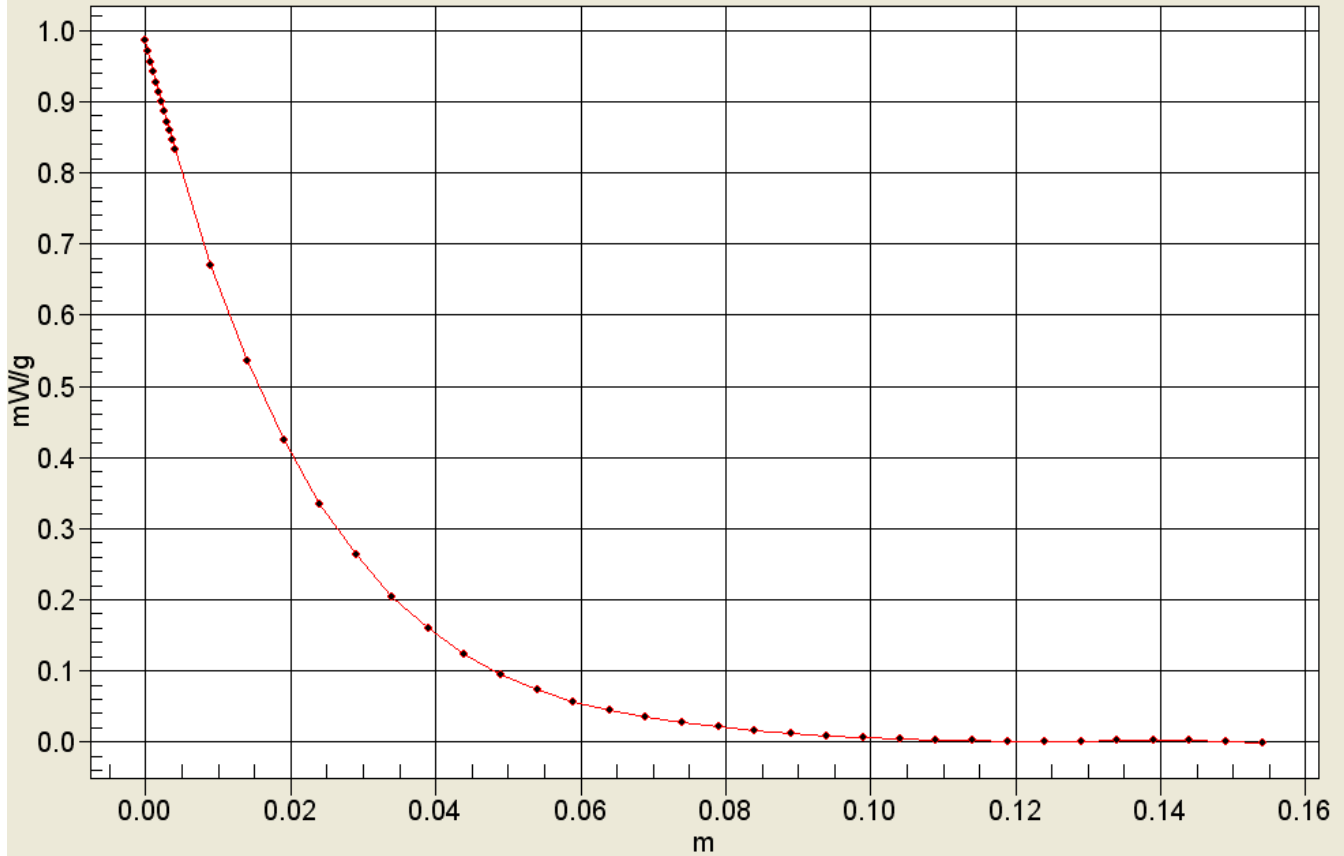


0 dB = 1.16mW/g



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



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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-10 Flat with 1cm Air Space, Back Ch. 684

Communication System: Cell BC-10 , Frequency: 823.1 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

CDMA-800 FLAT Back Ch684/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 mW/g

CDMA-800 FLAT Back Ch684/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.7 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.833 mW/g

Maximum value of SAR (measured) = 1.21 mW/g

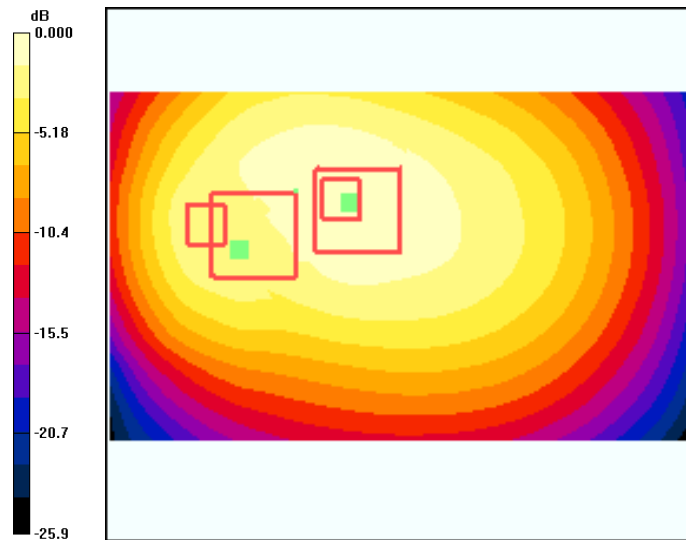
CDMA-800 FLAT Back Ch684/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.7 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.505 mW/g

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



0 dB = 1.24mW/g

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Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-10 Flat with 1cm Air Space, Left Ch. 580

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

Cell Ch580 FLAT -Left/Area Scan (91x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.542 mW/g

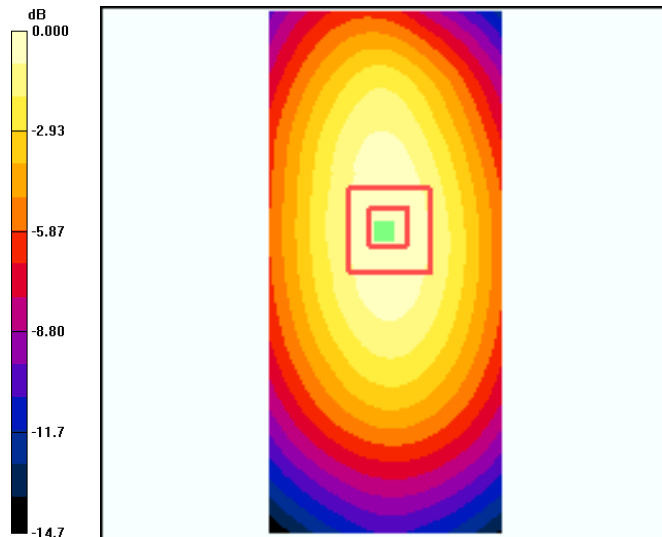
Cell Ch580 FLAT -Left/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.531 mW/g



0 dB = 0.542mW/g

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-10 Flat with 1cm Air Space, Right Ch. 580

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

Cell Ch580 FLAT - Right/Area Scan (91x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.673 mW/g

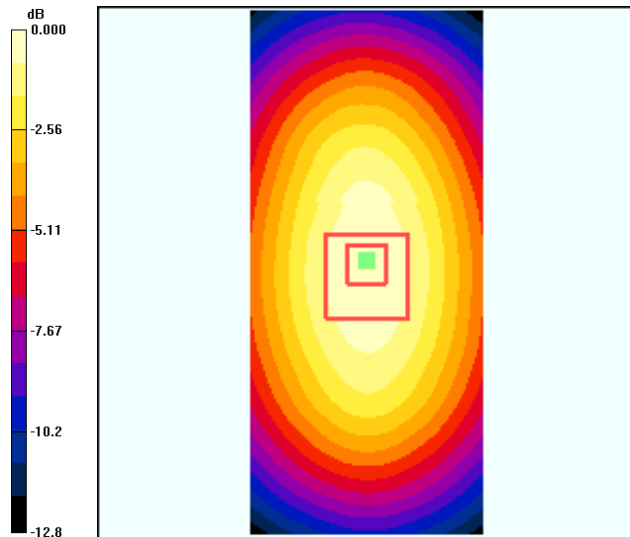
Cell Ch580 FLAT - Right/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.445 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



0 dB = 0.673mW/g

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/14/2013

FCC C5215 CDMA-800 BC-10 Flat with 1cm Air Space, Bottom Ch. 580

Communication System: Cell BC-10 , Frequency: 820.5 MHz, Duty Cycle: 1:1

Medium: M800,Medium parameters used (interpolated): $f = 820.5$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Phantom: SAM 12,Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(5.83, 5.83, 5.83), 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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

CELL Ch580 FLAT -Bottom/Area Scan (71x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.169 mW/g

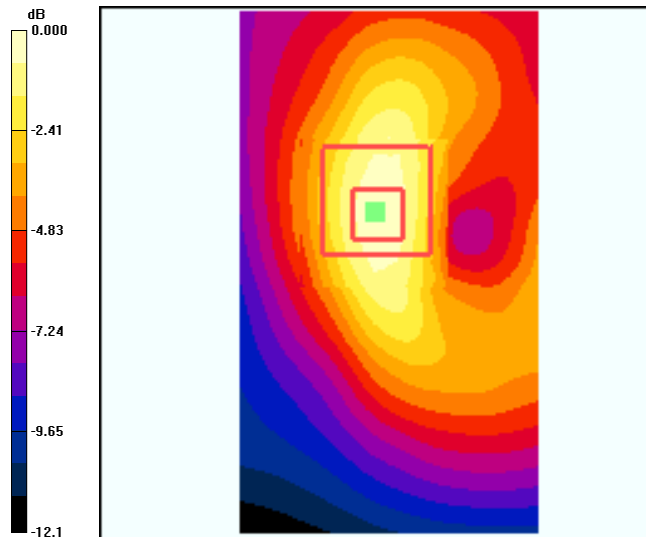
CELL Ch580 FLAT -Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.185 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.169mW/g



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Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

PCS

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/21/2013

FCC C5215 PCS Flat with 1cm Air Space, Front Ch. 1175

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

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom: SAM_4, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

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-1900 FLAT - Face Up Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.845 mW/g

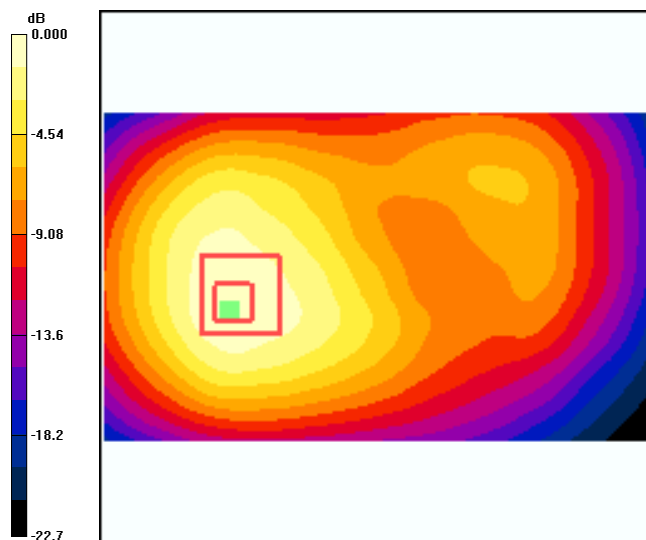
CDMA-1900 FLAT - Face Up Ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.5 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.479 mW/g

Maximum value of SAR (measured) = 0.793 mW/g



0 dB = 0.845mW/g

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/212013

FCC C5215 PCS Flat with 1cm Air Space, Back Ch. 1175

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

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom: SAM_4, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

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-1900 FLAT Face Down Ch1175/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.695 mW/g

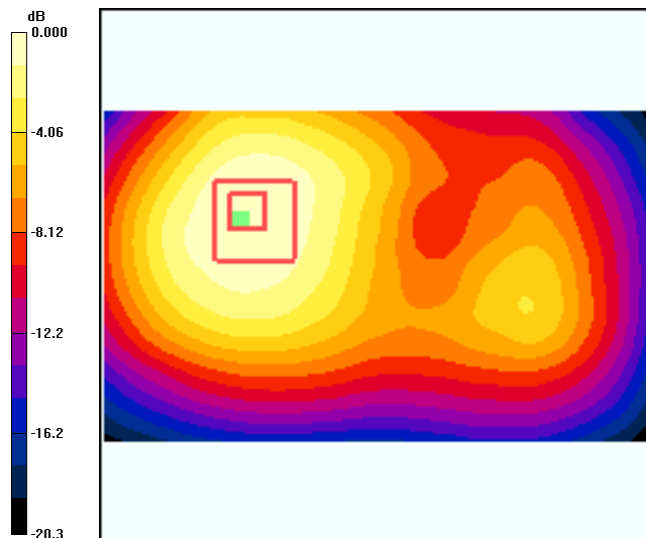
CDMA-1900 FLAT Face Down Ch1175/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.422 mW/g

Maximum value of SAR (measured) = 0.678 mW/g



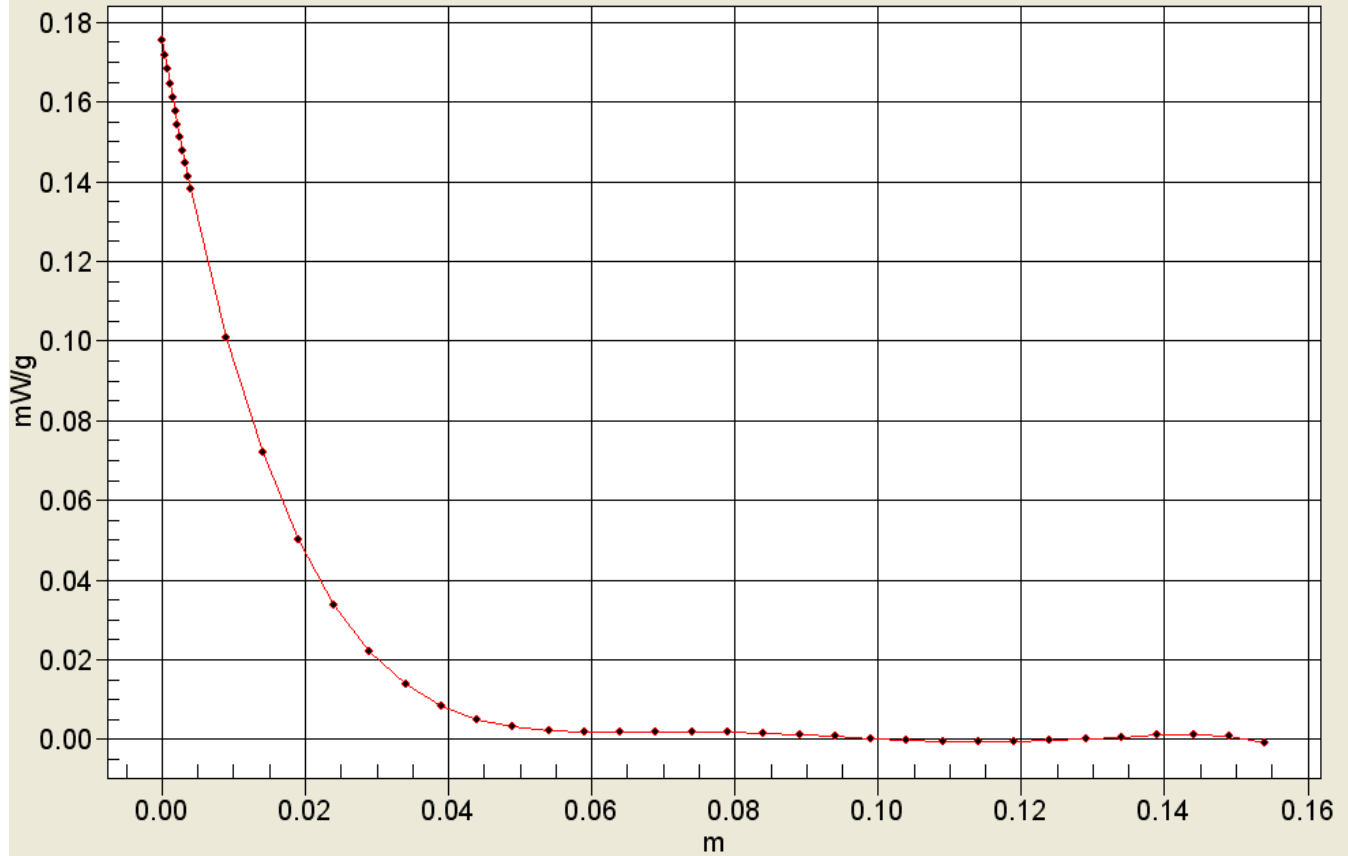
0 dB = 0.695mW/g



Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Interpolated SAR(x,y,z,f0)

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



Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/21/2013

FCC C5215 PCS Flat with 1cm Air Space, Left Ch. 1175

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

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM_4, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

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 $\square\square\square$ 1 deg C, Liquid T = 22.0 $\square\square\square$ 1 deg C

PCS Ch1175 FLAT -Left/Area Scan (91x41x1): Measurement grid: dx=15mm, dy=15mm

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

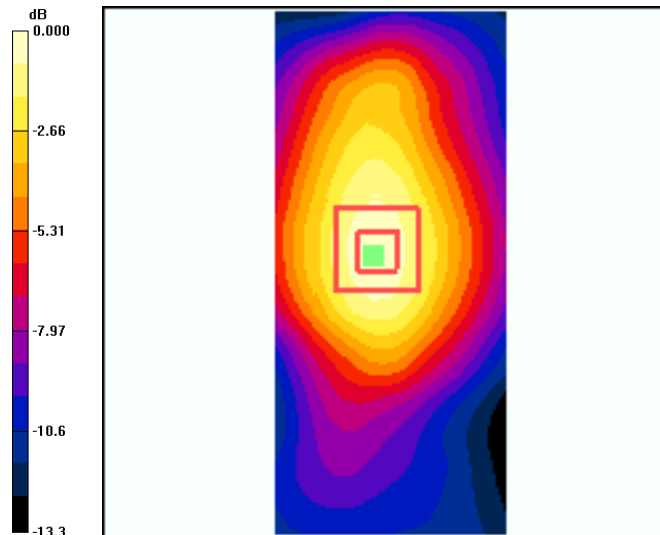
PCS Ch1175 FLAT -Left/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.640 mW/g



0 dB = 0.658mW/g

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/21/2013

FCC C5215 PCS Flat with 1cm Air Space, Right Ch. 1175

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

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom: SAM_4, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.42, 4.42, 4.42), Calibrated: 9/13/2012

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

PCS Ch1175 FLAT - Right/Area Scan (91x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.126 mW/g

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

Reference Value = 6.80 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.125 mW/g

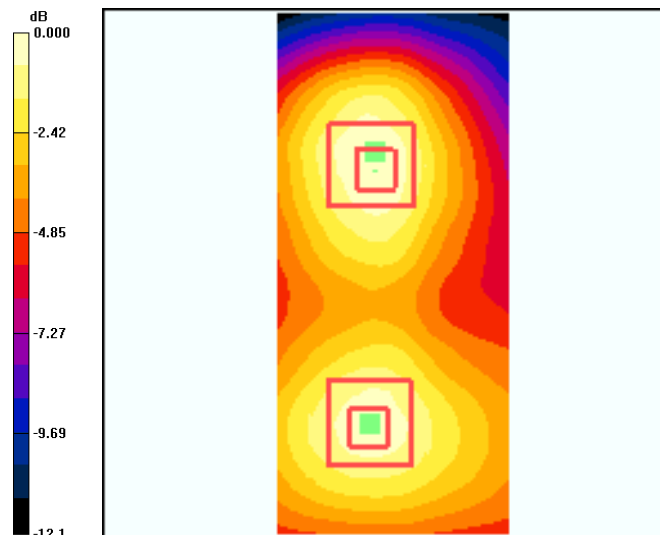
PCS Ch1175 FLAT - Right/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.80 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.126mW/g

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 03/21/2013

FCC C5215 PCS Flat with 1cm Air Space, Bottom Ch. 1175

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

Medium: M1800, Medium parameters used (interpolated): $f = 1908.75$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom: SAM_4, Phantom section: Flat Section

DASY4 Configuration:

Probe: ET3DV6 - SN1618, ConvF(4.44, 4.44, 4.44), Calibrated: 9/19/2011

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

PCS Ch1175 FLAT -Bottom/Area Scan (71x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.617 mW/g

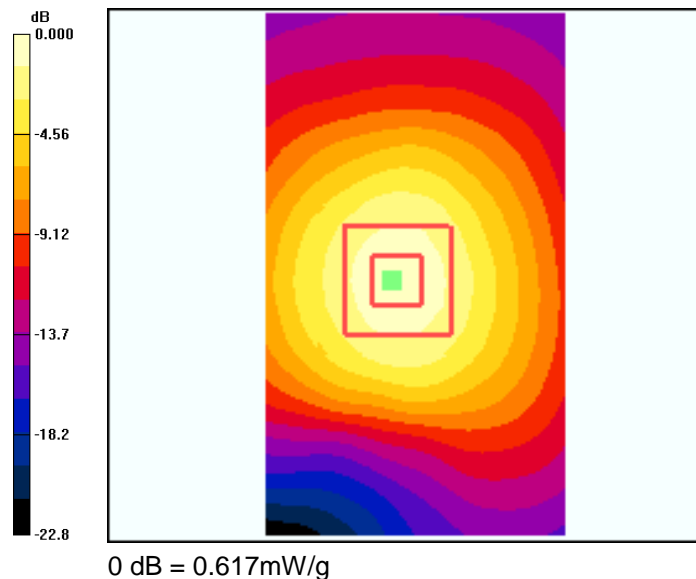
PCS Ch1175 FLAT -Bottom/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.845 W/kg

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 0.570 mW/g





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Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

WIFI

Test Laboratory: Comptest/Kyocera

Date: 04/02/2013

FCC C5215 WIFI Flat with 1cm Air Space, Front Ch. 6

Communication System: WLAN-2450, Frequency: 2437 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used: $f = 2400$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), Calibrated: 5/29/2012

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

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

Measurement SW: DASY4, V4.7 Build 80

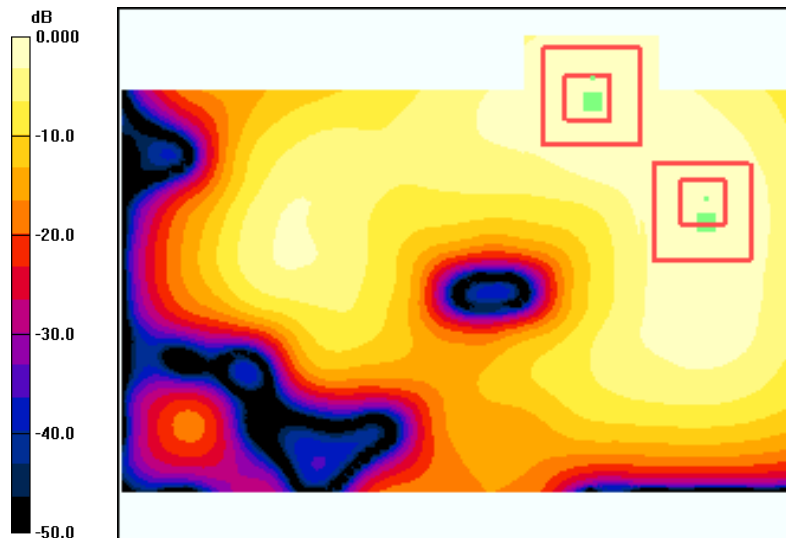
Postprocessing SW: SEMCAD, V1.8 Build 186

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

802.11b 1Mbps ch6 Face UP/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.041 mW/g

802.11b 1Mbps ch6 Face UP/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.649 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.073 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.042 mW/g

802.11b 1Mbps ch6 Face UP/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.649 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.072 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.037 mW/g



0 dB = 0.041mW/g

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 04/02/2013

FCC C5215 WIFI Flat with 1cm Air Space, Back Ch. 6

Communication System: WLAN-2450, Frequency: 2437 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used: $f = 2400$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

802.11b 1Mbps ch6 Face DOWN/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.237 mW/g

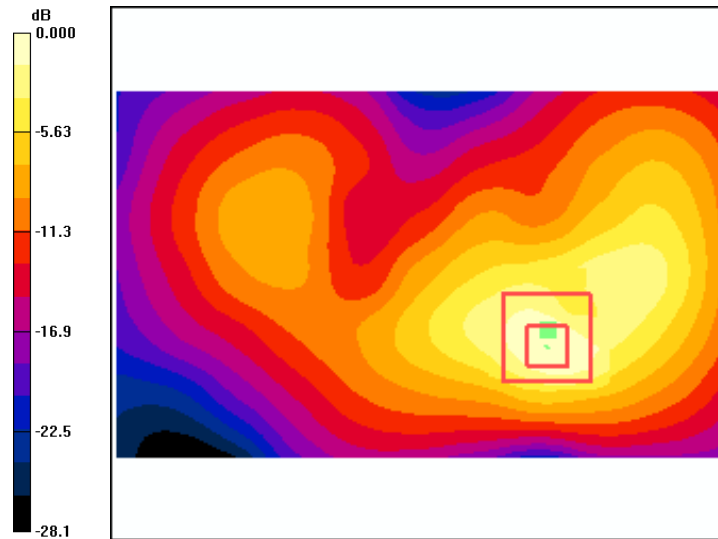
802.11b 1Mbps ch6 Face DOWN/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.65 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.492 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.093 mW/g

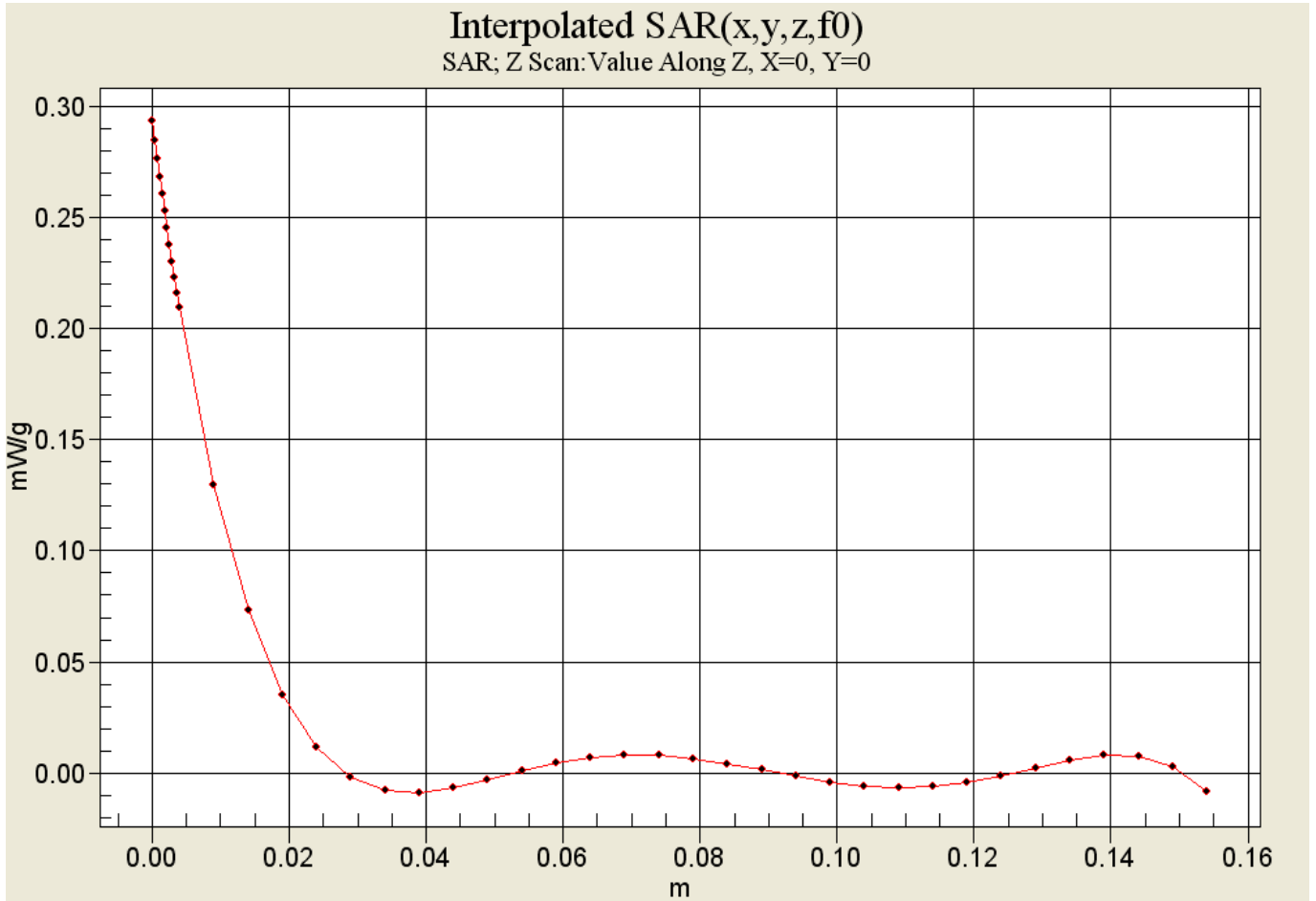
Maximum value of SAR (measured) = 0.249 mW/g



0 dB = 0.237mW/g



Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0



Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date: 04/03/2013

FCC C5215 WIFI Flat with 1cm Air Space, Left Ch. 6

Communication System: WLAN-2450, Frequency: 2437 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used: $f = 2400$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

WLAN Ch6 FLAT - Left/Area Scan (101x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.008 mW/g

WLAN Ch6 FLAT - Left/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.73 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.016 W/kg

SAR(1 g) = 0.00828 mW/g; SAR(10 g) = 0.00416 mW/g

Maximum value of SAR (measured) = 0.010 mW/g

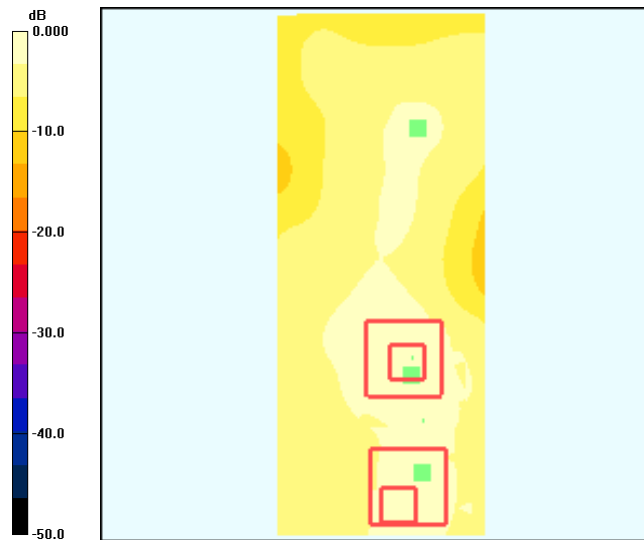
WLAN Ch6 FLAT - Left/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.73 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.010 W/kg

SAR(1 g) = 0.00579 mW/g; SAR(10 g) = 0.00286 mW/g

Maximum value of SAR (measured) = 0.007 mW/g



0 dB = 0.010mW/g

Applicant:	Kyocera
FCC ID:	V65C5215
Report #:	CT- C5215-9B3-0313-R0

Test Laboratory: Comptest/Kyocera

Date:04/03/2013

FCC C5215 WIFI Flat with 1cm Air Space, Top Ch. 6

Communication System: WLAN-2450, Frequency: 2437 MHz, Duty Cycle: 1:1

Medium: M2450, Medium parameters used: $f = 2400$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3036, ConvF(4.09, 4.09, 4.09), 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 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

WLAN Ch6 FLAT -Top/Area Scan (61x41x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.034 mW/g

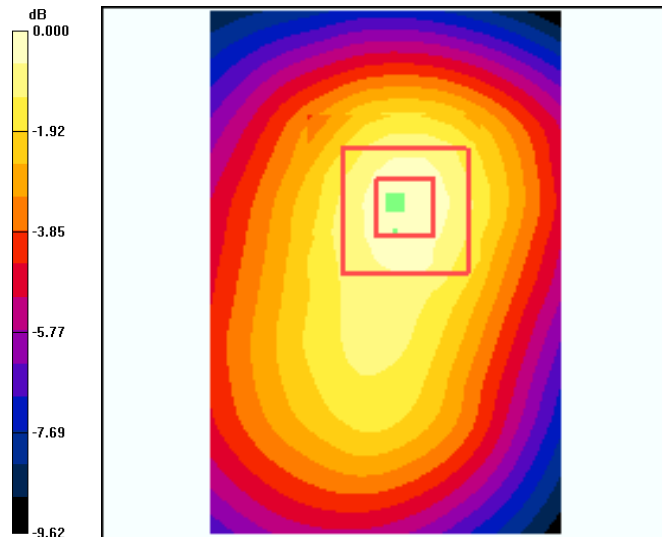
WLAN Ch6 FLAT -Top/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.91 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.033 mW/g



0 dB = 0.034mW/g