



Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06A C2PC-9B2-0111-R0

EXHIBIT 9 APPENDIX B2: SAR DISTRIBUTION PLOTS (BODY)

CELL

Applicant	Kyocera
FCC ID:	OVF-K33BIC06
Report #:	CT-K33BIC-06A C2PC-9B2-0111-R0

Test Laboratory: Comptest/Kyocera

Date: 01/19/2011

FCC K33BIC-06 C2PC_CDMA-800 Flat with 15mm Air Space

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 FLAT Face-Down Ch383/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.732 mW/g

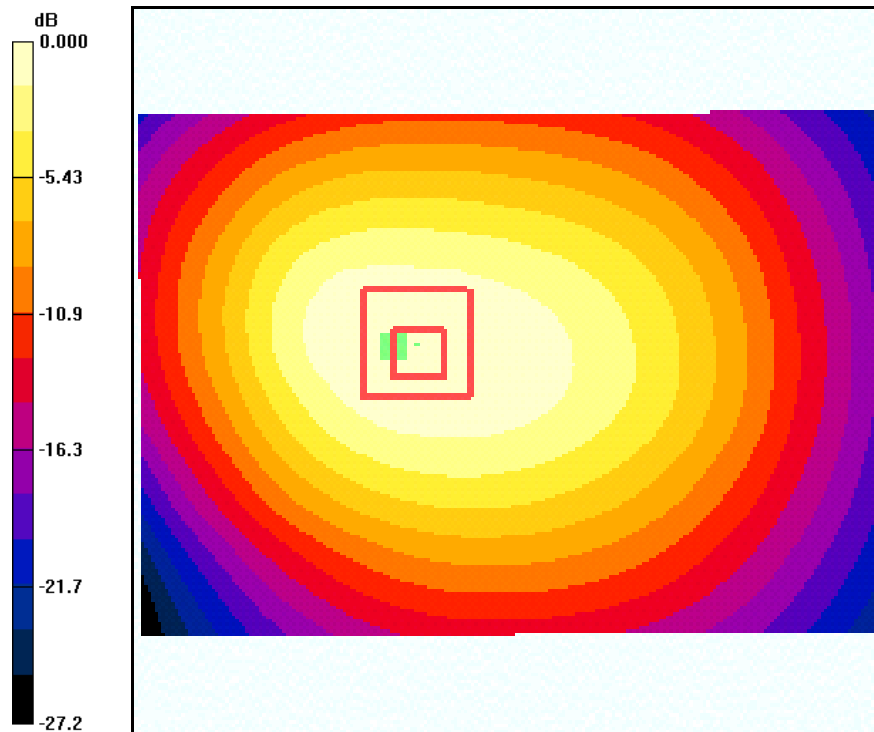
CDMA-800 FLAT Face-Down Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.9 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 0.901 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.715 mW/g



0 dB = 0.715mW/g

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FCC K33BIC-06 C2PC _CDMA-800 Flat with 15mm Air Space

Communication System: CDMA-800, Frequency: 836.49 MHz, Duty Cycle: 1:1

Medium: M900, Medium parameters used (interpolated): $f = 836.49$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(5.82, 5.82, 5.82), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-800 FLAT Face-Up Ch383/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.477 mW/g

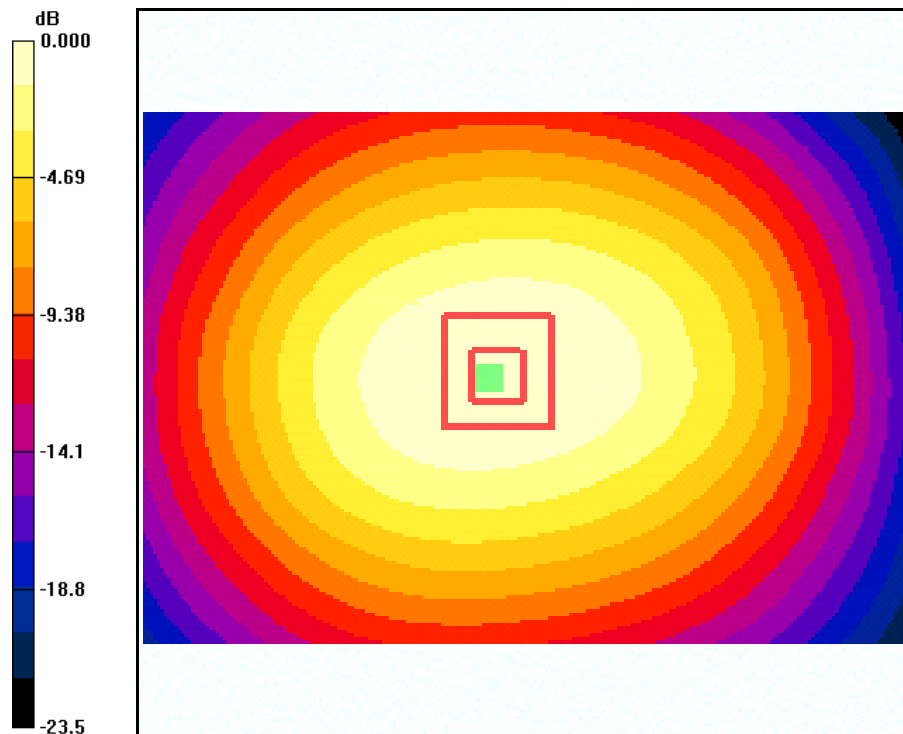
CDMA-800 FLAT Face-Up Ch383/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 0.465 mW/g



0 dB = 0.465mW/g



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AWS



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Test Laboratory: Comptest/Kyocera

Date: 01/19/2011

FCC K33BIC-06 C2PC_CDMA-1700 Flat with 15mm Air Space

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

Medium: M1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.73, 4.73, 4.73), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

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-1700 FLAT Face-Down Ch450/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.607 mW/g

CDMA-1700 FLAT Face-Down Ch450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.294 mW/g

Maximum value of SAR (measured) = 0.583 mW/g

CDMA-1700 FLAT Face-Down Ch450/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = 0.082 dB

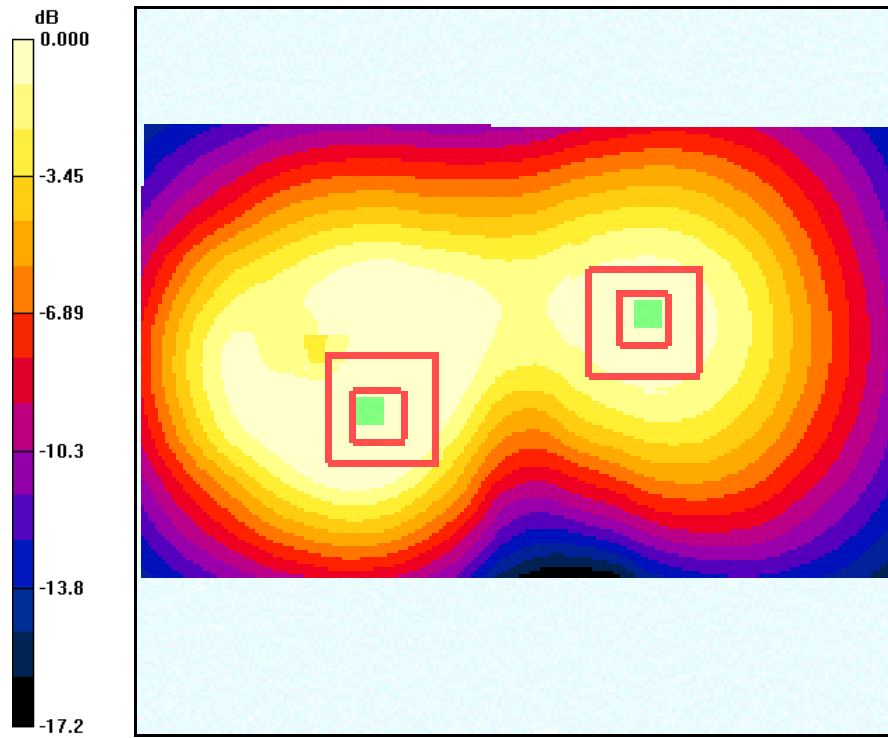
Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.389 mW/g



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0 dB = 0.389mW/g

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Date: 01/19/2011

FCC K33BIC-06 C2PC_CDMA-1700 Flat with 15mm Air Space

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

Medium: M1700, Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.73, 4.73, 4.73), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1700 FLAT Face-Up Ch450/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.342 mW/g

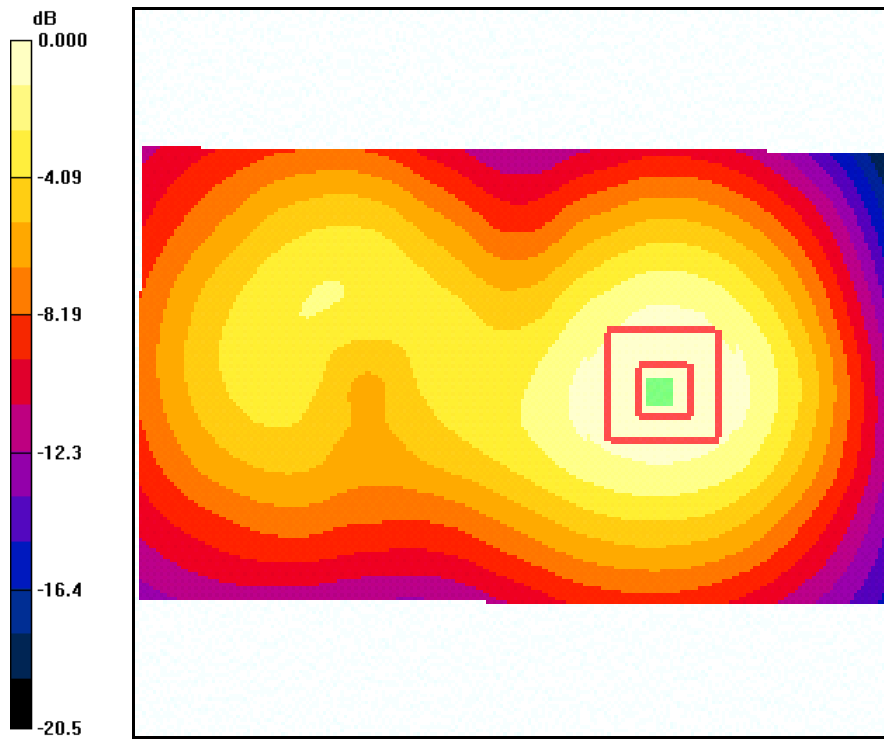
CDMA-1700 FLAT Face-Up Ch450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.332mW/g



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PCS

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Test Laboratory: Comptest/Kyocera

Date: 01/18/2011

FCC K33BIC-06 C2PC_CDMA-1900 Flat with 15mm Air Space

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

Medium: M1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.5, 4.5, 4.5), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 FLAT - Face Down Ch600 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.784 mW/g

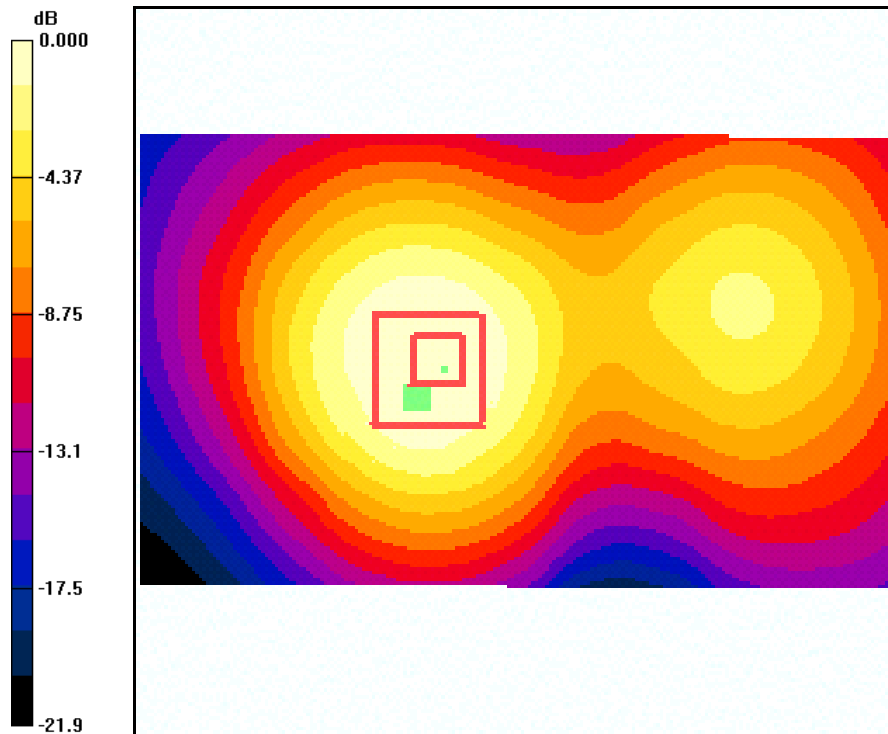
CDMA-1900 FLAT - Face Down Ch600 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.723 mW/g



0 dB = 0.723mW/g

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Date: 01/18/2011

FCC K33BIC-06 C2PC_CDMA-1900 Flat with 15mm Air Space

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

Medium: M1900, Medium parameters used: $f = 1880$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom: SAM 12, Phantom section: Flat Section

DASY4 Configuration:

Probe: ES3DV3 - SN3078, ConvF(4.5, 4.5, 4.5), Calibrated: 7/14/2010

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

Electronics: DAE4 Sn602, Calibrated: 7/14/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

Temperature:

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

CDMA-1900 FLAT - Face Up Ch600 SO32/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.453 mW/g

CDMA-1900 FLAT - Face Up Ch600 SO32/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.455 mW/g

CDMA-1900 FLAT - Face Up Ch600 SO32/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = 0.019 dB

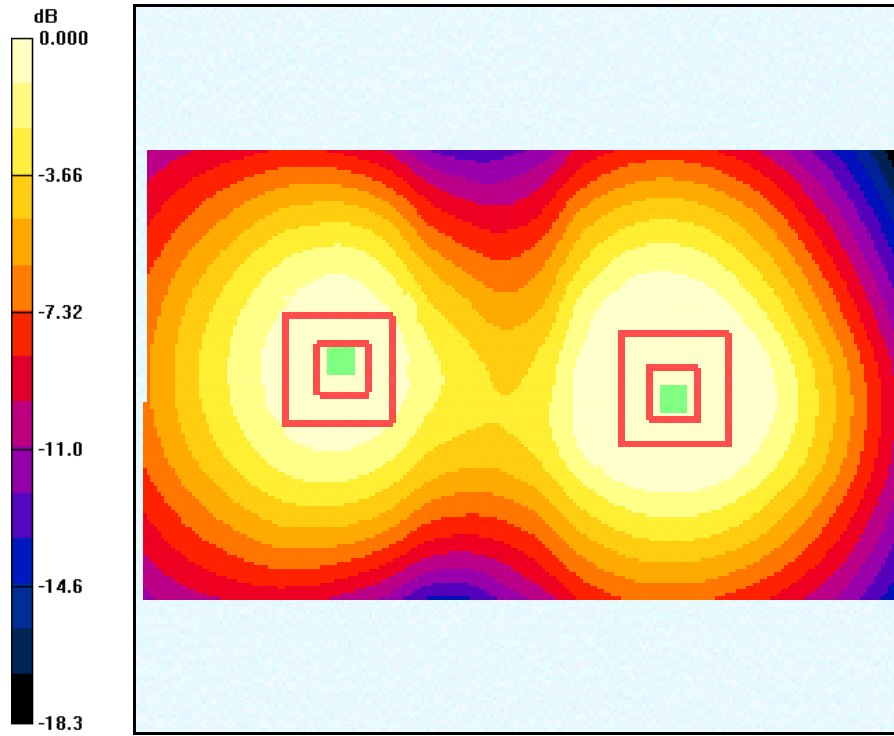
Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.331 mW/g



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0 dB = 0.331mW/g