

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

EXHIBIT 13 APPENDIX C: T-COIL DATA PLOT

# CELL

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_CELL Ch1013 z (axial)**

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_1013/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

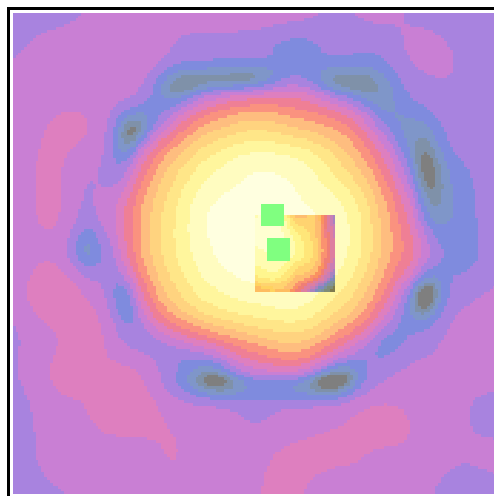
ABM1/ABM2 = 49.4 dB  
 ABM1 comp = -5.23 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -2.5, -0.4, 3.7 mm

**General Scans\_1013/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 51.5 dB  
 ABM1 comp = -2.21 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -1.8, -4, 3.7 mm



0 dB = 295.6

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**FCC\_K55-02\_T-Coil\_CELL Ch1013 x (longitudinal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_1013/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 45.8 dB

ABM1 comp = -11.9 dB A/m

BWC Factor = 0.155979 dB

Location: 5, -0.8, 3.7 mm

**General Scans\_1013/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

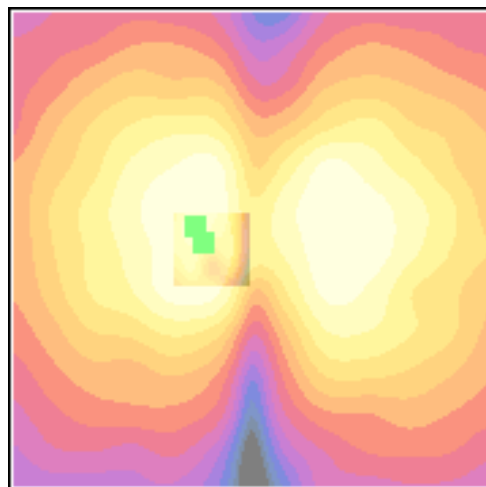
**Cursor:**

ABM1/ABM2 = 47.3 dB

ABM1 comp = -10.2 dB A/m

BWC Factor = 0.155979 dB

Location: 6, -2.4, 3.7 mm



0 dB = 195.0

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**FCC\_K55-02\_T-Coil\_CELL Ch1013 y (transversal)**

Communication System: CDMA-800, Frequency: 824.7 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_1013/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

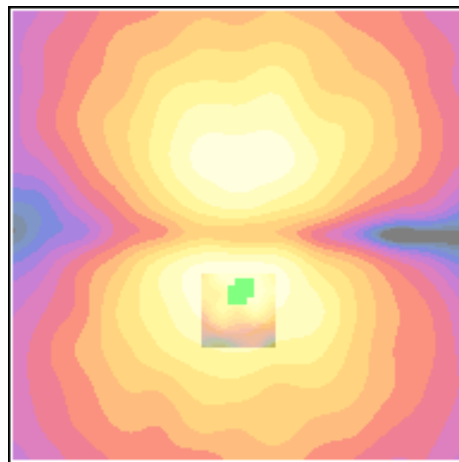
ABM1/ABM2 = 47.6 dB  
 ABM1 comp = -10.1 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0, 6.7, 3.7 mm

**General Scans\_1013/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.0 dB  
 ABM1 comp = -9.76 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -0.8, 5.7, 3.7 mm



0 dB = 239.6

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**FCC\_K55-02\_T-Coil\_CELL Ch383 z (axial)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_383/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 51.8 dB

ABM1 comp = -2.27 dB A/m

BWC Factor = 0.155979 dB

Location: 0, -1.7, 3.7 mm

**General Scans\_383/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

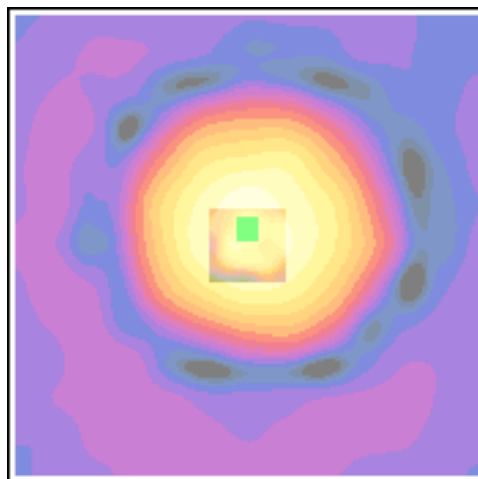
**Cursor:**

ABM1/ABM2 = 51.9 dB

ABM1 comp = -2.41 dB A/m

BWC Factor = 0.155979 dB

Location: 0, -1.8, 3.7 mm



0 dB = 386.9

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**FCC\_K55-02\_T-Coil\_CELL Ch383 x (longitudinal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_383/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 46.7 dB

ABM1 comp = -10.4 dB A/m

BWC Factor = 0.155979 dB

Location: 5, -2.9, 3.7 mm

**General Scans\_383/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

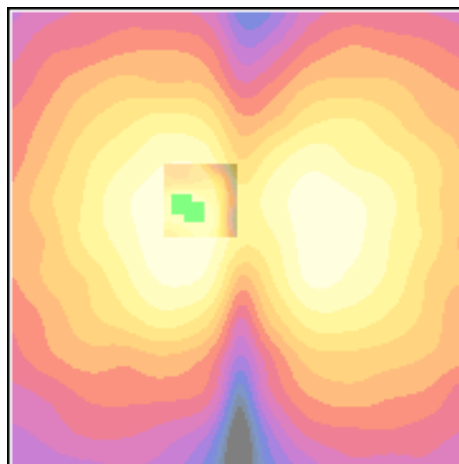
**Cursor:**

ABM1/ABM2 = 47.6 dB

ABM1 comp = -9.40 dB A/m

BWC Factor = 0.155979 dB

Location: 6.2, -3.8, 3.7 mm



0 dB = 216.4

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**FCC\_K55-02\_T-Coil\_CELL Ch383 y (transversal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_383/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.0 dB

ABM1 comp = -9.74 dB A/m

BWC Factor = 0.155979 dB

Location: 0, 5.4, 3.7 mm

**General Scans\_383/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

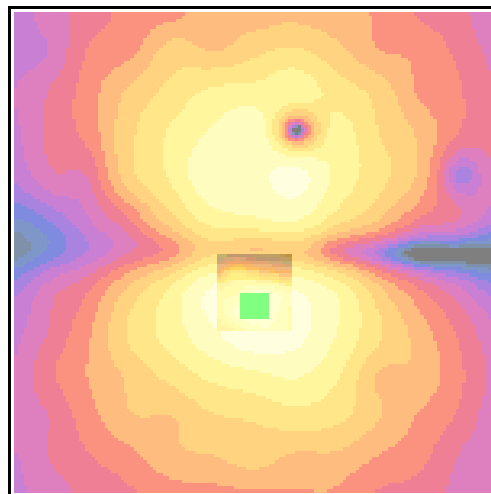
**Cursor:**

ABM1/ABM2 = 48.3 dB

ABM1 comp = -9.55 dB A/m

BWC Factor = 0.155979 dB

Location: -0.2, 5.6, 3.7 mm



0 dB = 250.6

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**FCC\_K55-02\_T-Coil\_CELL Ch777 z (axial)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_777/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 51.1 dB

ABM1 comp = -3.55 dB A/m

BWC Factor = 0.155979 dB

Location: -0.4, 0, 3.7 mm

**General Scans\_777/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

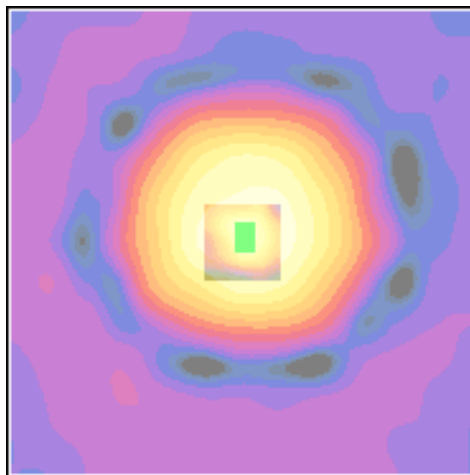
**Cursor:**

ABM1/ABM2 = 52.4 dB

ABM1 comp = -2.51 dB A/m

BWC Factor = 0.155979 dB

Location: -0.2, -1.2, 3.7 mm



0 dB = 357.7



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Test Laboratory: COMPTEST/KWC

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**FCC\_K55-02\_T-Coil\_CELL Ch777 x (longitudinal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_777/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 47.2 dB

ABM1 comp = -9.66 dB A/m

BWC Factor = 0.155979 dB

Location: 5, -3.3, 3.7 mm

**General Scans\_777/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

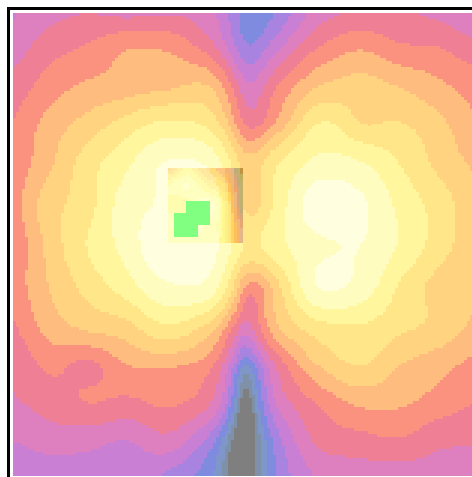
**Cursor:**

ABM1/ABM2 = 47.8 dB

ABM1 comp = -9.83 dB A/m

BWC Factor = 0.155979 dB

Location: 6.2, -2.2, 3.7 mm



0 dB = 229.0

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Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_CELL Ch777 y (transversal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_777/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.2 dB

ABM1 comp = -9.74 dB A/m

BWC Factor = 0.155979 dB

Location: 0, 5.4, 3.7 mm

**General Scans\_777/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

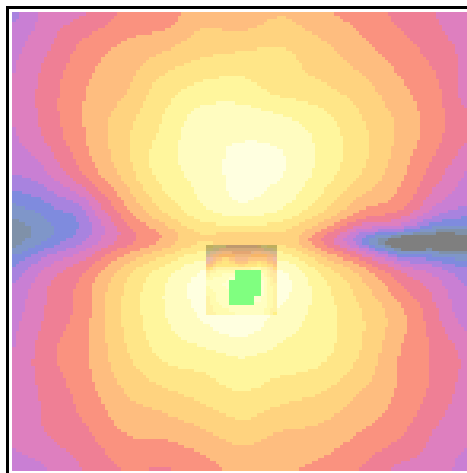
**Cursor:**

ABM1/ABM2 = 48.3 dB

ABM1 comp = -9.49 dB A/m

BWC Factor = 0.155979 dB

Location: -0.8, 4.6, 3.7 mm



0 dB = 255.8

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## AWS

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch25 z (axial)**

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_25/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

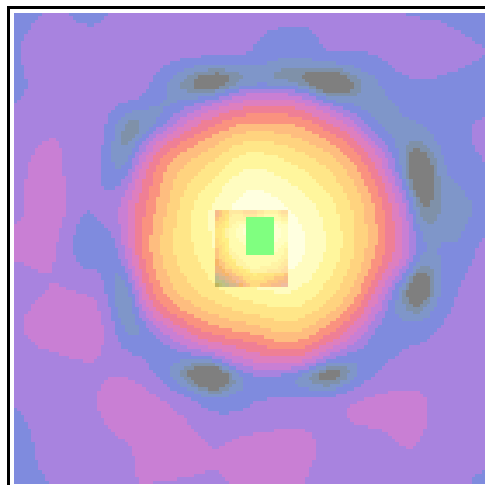
ABM1/ABM2 = 52.7 dB  
 ABM1 comp = -2.16 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -0.8, -0.8, 3.7 mm

**General Scans\_25/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 53.1 dB  
 ABM1 comp = -1.95 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -1, -1.8, 3.7 mm



0 dB = 431.7

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Test Laboratory: COMPTEST/KWC

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**FCC\_K55-02\_T-Coil\_AWS Ch25 x (longitudinal)**

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_25/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

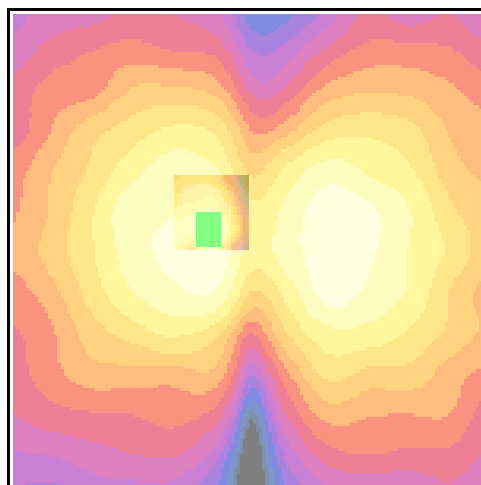
ABM1/ABM2 = 47.2 dB  
 ABM1 comp = -10.3 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 4.6, -2.9, 3.7 mm

**General Scans\_25/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.0 dB  
 ABM1 comp = -9.82 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 4.4, -2, 3.7 mm



0 dB = 229.3

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch25 y (transversal)**

Communication System: AWS-1700, Frequency: 1711.25 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_25/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

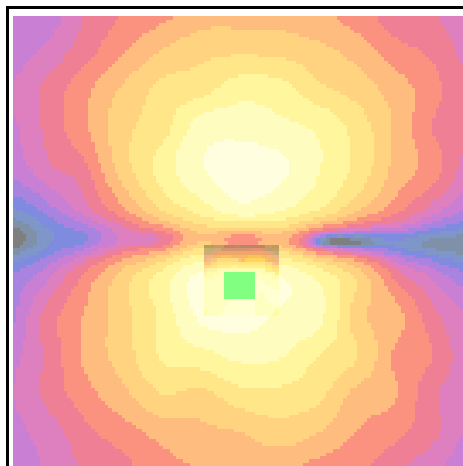
ABM1/ABM2 = 48.3 dB  
 ABM1 comp = -9.46 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0.4, 5, 3.7 mm

**General Scans\_25/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.5 dB  
 ABM1 comp = -9.29 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0, 5, 3.7 mm



0 dB = 258.9

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch450 z (axial)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_450/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 53.2 dB

ABM1 comp = -1.71 dB A/m

BWC Factor = 0.155979 dB

Location: -0.4, -0.4, 3.7 mm

**General Scans\_450/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

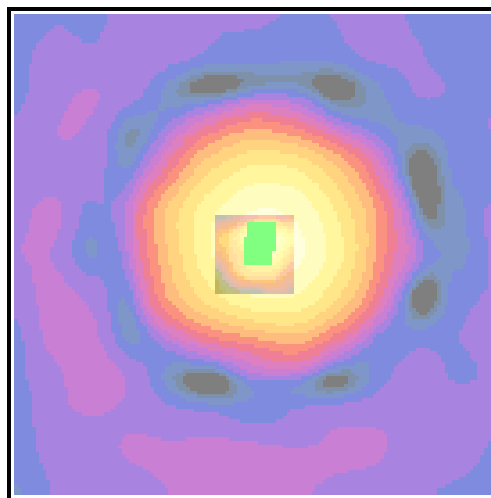
**Cursor:**

ABM1/ABM2 = 53.3 dB

ABM1 comp = -1.71 dB A/m

BWC Factor = 0.155979 dB

Location: -0.6, -1.8, 3.7 mm



0 dB = 456.8

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch450 x (longitudinal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_450/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.3 dB

ABM1 comp = -9.00 dB A/m

BWC Factor = 0.155979 dB

Location: 5.8, -3.8, 3.7 mm

**General Scans\_450/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

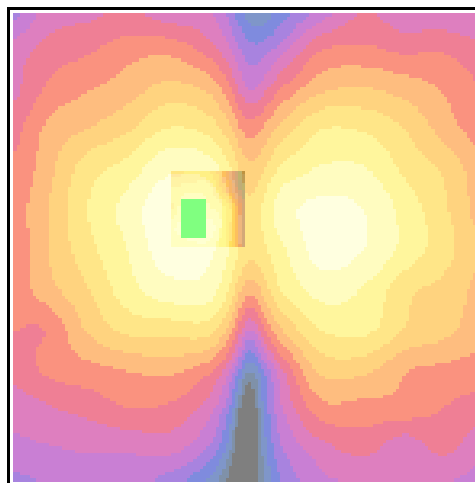
**Cursor:**

ABM1/ABM2 = 48.2 dB

ABM1 comp = -9.46 dB A/m

BWC Factor = 0.155979 dB

Location: 5.6, -2.6, 3.7 mm



0 dB = 259.5



Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch450 y (transversal)**

Communication System: AWS-1700, Frequency: 1732.5 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_450/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

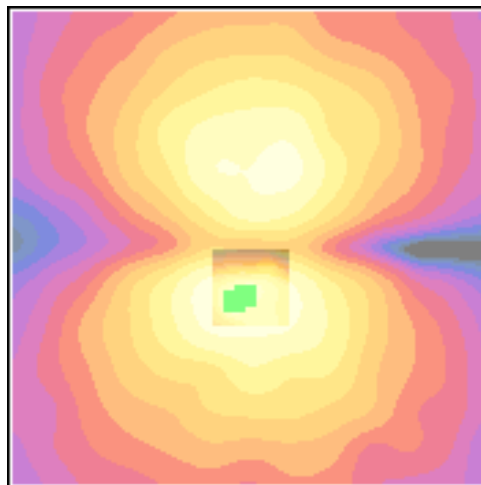
ABM1/ABM2 = 48.7 dB  
 ABM1 comp = -9.13 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0.4, 5, 3.7 mm

**General Scans\_450/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.6 dB  
 ABM1 comp = -9.21 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 1.6, 5.6, 3.7 mm



0 dB = 273.4

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch875 z (axial)**

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_875/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

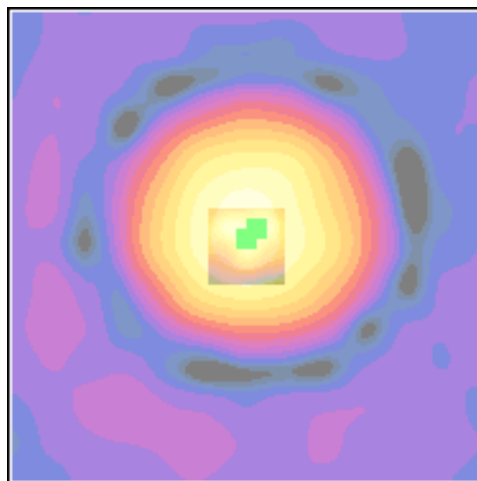
ABM1/ABM2 = 53.0 dB  
 ABM1 comp = -1.70 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0, -0.8, 3.7 mm

**General Scans\_875/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 52.9 dB  
 ABM1 comp = -2.06 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -1.2, -1.8, 3.7 mm



0 dB = 446.5

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch875 x (longitudinal)**

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_875/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

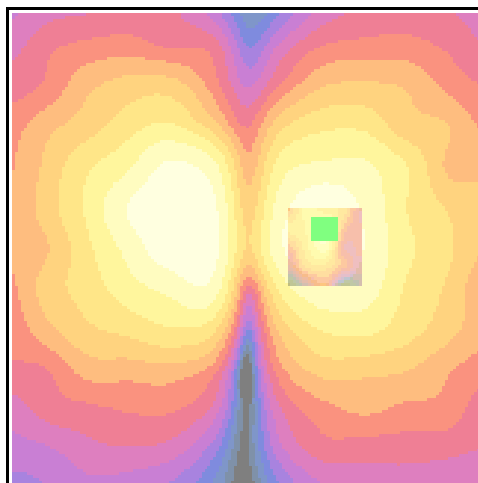
ABM1/ABM2 = 47.5 dB  
 ABM1 comp = -10.3 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -8.3, -2.1, 3.7 mm

**General Scans\_875/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 47.6 dB  
 ABM1 comp = -10.6 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -8.1, -1.8, 3.7 mm



0 dB = 235.8

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_AWS Ch875 y (transversal)**

Communication System: AWS-1700, Frequency: 1753.75 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_875/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

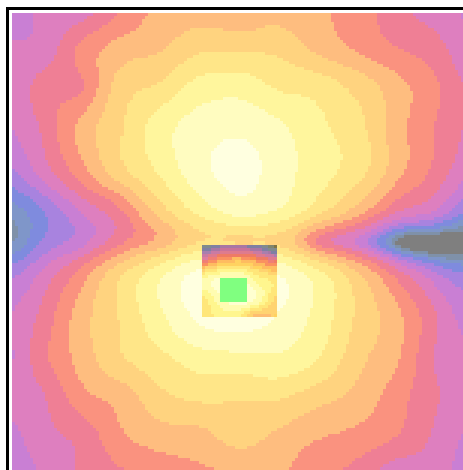
ABM1/ABM2 = 48.4 dB  
 ABM1 comp = -9.45 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.8, 5, 3.7 mm

**General Scans\_875/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 48.8 dB  
 ABM1 comp = -8.93 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.4, 5.2, 3.7 mm



0 dB = 262.6

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

## PCS

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch25 z (axial)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_25/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 50.2 dB

ABM1 comp = -4.22 dB A/m

BWC Factor = 0.155041 dB

Location: -2.1, -1.7, 3.7 mm

**General Scans\_25/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

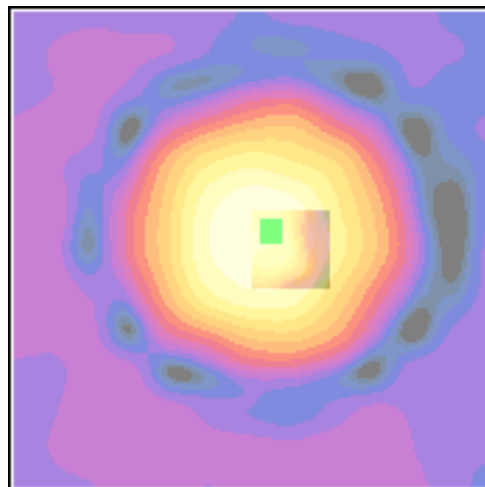
**Cursor:**

ABM1/ABM2 = 50.9 dB

ABM1 comp = -3.84 dB A/m

BWC Factor = 0.155041 dB

Location: -2, -2, 3.7 mm



0 dB = 322.7

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch25 x (longitudinal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_25/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 46.6 dB

ABM1 comp = -11.0 dB A/m

BWC Factor = 0.155041 dB

Location: 5.4, -3.8, 3.7 mm

**General Scans\_25/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

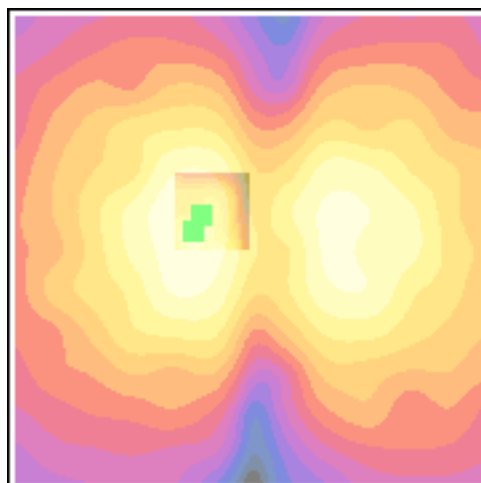
**Cursor:**

ABM1/ABM2 = 46.8 dB

ABM1 comp = -10.8 dB A/m

BWC Factor = 0.155041 dB

Location: 6.2, -2, 3.7 mm



0 dB = 213.5

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date:12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch25 y (transversal)**

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

Medium: T-Coil,Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527,Calibrated: 7/8/2010

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

**General Scans\_25/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 46.4 dB

ABM1 comp = -11.4 dB A/m

BWC Factor = 0.155041 dB

Location: -0.4, 5, 3.7 mm

**General Scans\_25/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

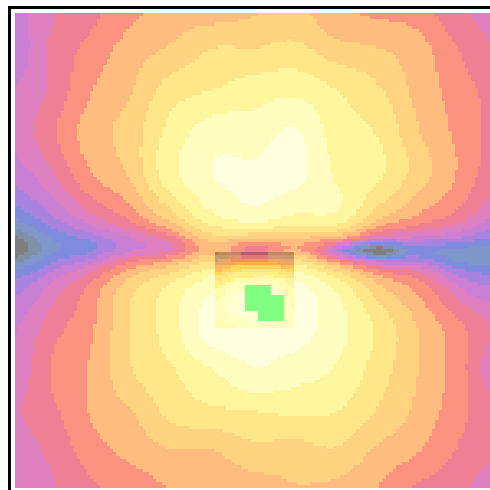
**Cursor:**

ABM1/ABM2 = 47.3 dB

ABM1 comp = -10.5 dB A/m

BWC Factor = 0.155041 dB

Location: -1.8, 6, 3.7 mm



0 dB = 208.7



Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch600 z (axial)**

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_600/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

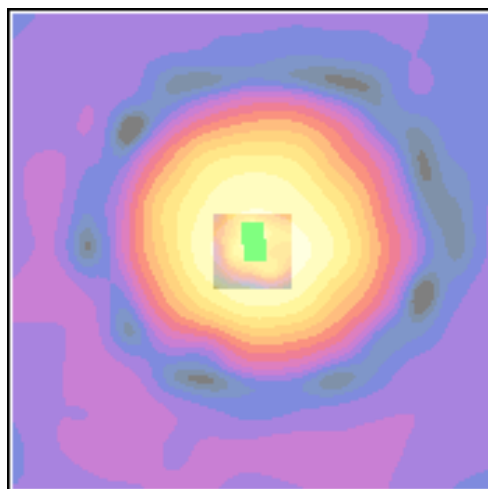
ABM1/ABM2 = 51.7 dB  
 ABM1 comp = -3.03 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -0.4, 0, 3.7 mm

**General Scans\_600/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 52.2 dB  
 ABM1 comp = -2.38 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0, -1.8, 3.7 mm



0 dB = 385.3

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch600 x (longitudinal)**

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_600/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

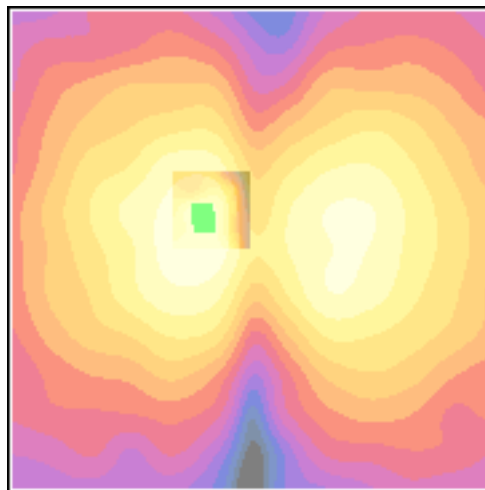
ABM1/ABM2 = 47.4 dB  
 ABM1 comp = -10.1 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 5, -2.9, 3.7 mm

**General Scans\_600/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 46.6 dB  
 ABM1 comp = -10.9 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 5.2, -3.8, 3.7 mm



0 dB = 233.5

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch600 y (transversal)**

Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_600/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

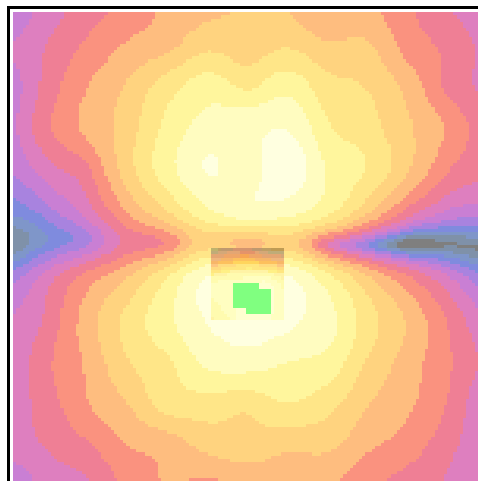
ABM1/ABM2 = 47.1 dB  
 ABM1 comp = -10.6 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0, 5.4, 3.7 mm

**General Scans\_600/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 47.6 dB  
 ABM1 comp = -10.2 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -1.2, 6.2, 3.7 mm



0 dB = 227.2

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch1175 z (axial)**

Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1  
 Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn527, Calibrated: 7/8/2010  
 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

**General Scans\_1175/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

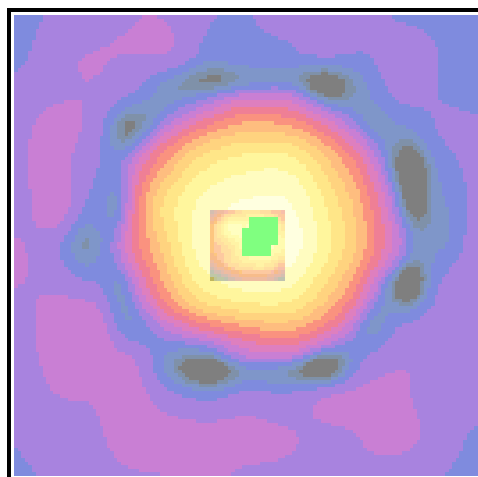
ABM1/ABM2 = 52.4 dB  
 ABM1 comp = -2.48 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -0.8, -0.4, 3.7 mm

**General Scans\_1175/z (axial) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav  
 BWC applied: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 53.1 dB  
 ABM1 comp = -1.98 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -1.8, -1.4, 3.7 mm



0 dB = 418.6

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch1175 x (longitudinal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_1175/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 47.1 dB

ABM1 comp = -10.5 dB A/m

BWC Factor = 0.155041 dB

Location: 5, -0.8, 3.7 mm

**General Scans\_1175/x (longitudinal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 47.2 dB

ABM1 comp = -10.4 dB A/m

BWC Factor = 0.155041 dB

Location: 5.2, -0.2, 3.7 mm



0 dB = 226.1

Applicant	Kyocera
FCC ID:	OVF-K5502
IC#:	3572A-S2100
Report #:	CT-K5502-13C-1210-R0

Test Laboratory: COMPTEST/KWC

Date: 12/15/2010

**FCC\_K55-02\_T-Coil\_PCS Ch1175 y (transversal)**

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

Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

Probe: AM1DV2 - 1045, , Calibrated: 9/6/2010

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 7/8/2010

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

**General Scans\_1175/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 47.9 dB

ABM1 comp = -9.89 dB A/m

BWC Factor = 0.155041 dB

Location: 0.4, 5.4, 3.7 mm

**General Scans\_1175/y (transversal) fine 2mm 8 x 8/ABM Interpolated SNR(x,y,z) (41x41x1):**

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

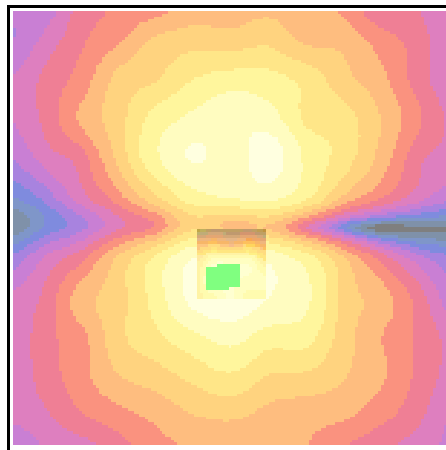
**Cursor:**

ABM1/ABM2 = 48.4 dB

ABM1 comp = -9.47 dB A/m

BWC Factor = 0.155041 dB

Location: 1.6, 5.8, 3.7 mm



0 dB = 247.9