

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

**Exhibit 13 Appendix C: T-Coil Data Plot**

**CELL**

**Slide Close**

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Test Laboratory: Comptest/Kyocera

Date: 7/28/2011

**FCC\_C5121\_TCoil\_CELL\_1013\_Z**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

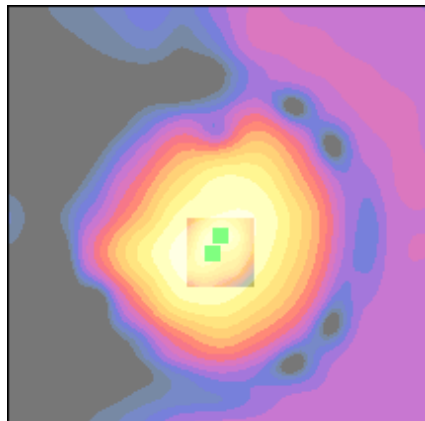
Cursor:

ABM1/ABM2 = 49.4 dB  
 ABM1 comp = -1.26 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.8, 4.2, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 49.7 dB  
 ABM1 comp = -0.222 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0, 2.2, 3.7 mm



0 dB = 295.3

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**FCC\_C5121\_TCoil\_CELL\_1013 X**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 184

**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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

Cursor:

ABM1/ABM2 = 42.7 dB

ABM1 comp = -8.67 dB A/m

BWC Factor = 0.155041 dB

Location: -7.9, 1.2, 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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

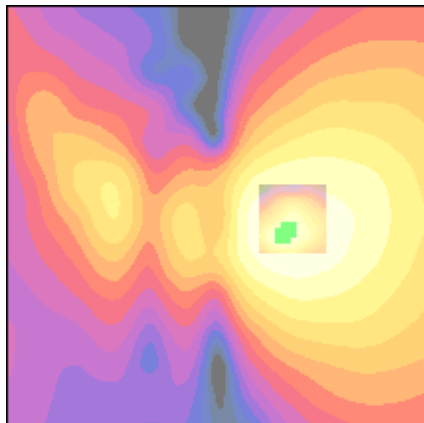
Cursor:

ABM1/ABM2 = 42.9 dB

ABM1 comp = -8.23 dB A/m

BWC Factor = 0.155041 dB

Location: -7.1, 2, 3.7 mm



0 dB = 136.8

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**FCC\_C5121\_TCoil\_CELL\_1013 Y**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

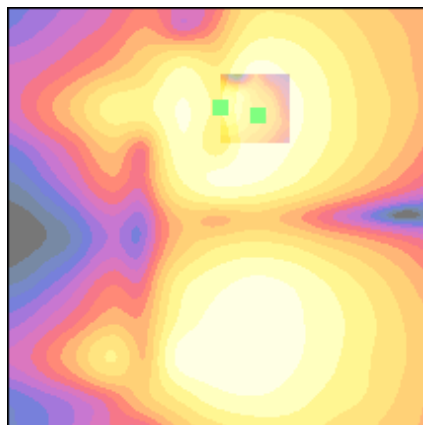
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 40.1 dB  
 ABM1 comp = -13.8 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -4.6, -11.7, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 41.7 dB  
 ABM1 comp = -12.5 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -0.2, -12.7, 3.7 mm



0 dB = 101.6

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**FCC\_C5121\_TCoil\_CELL\_384 Z**

Communication System: CDMA\_Tri\_BC0&10, Frequency: 836.52 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

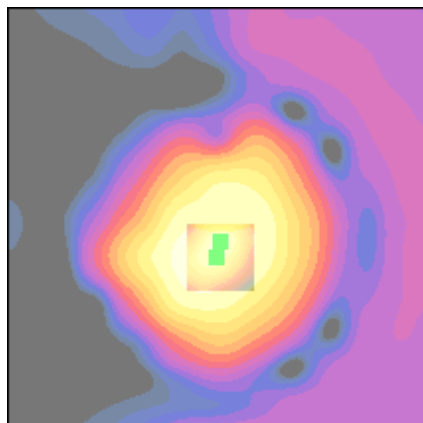
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans\_384/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 = 48.9 dB  
 ABM1 comp = -1.78 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0.4, 4.2, 3.7 mm

General Scans\_384/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 = 50.0 dB  
 ABM1 comp = 0.025 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0, 2.4, 3.7 mm



0 dB = 278.5

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**FCC\_C5121\_TCoil\_CELL\_384 X**

Communication System: CDMA\_Tri\_BC0&10, Frequency: 836.52 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

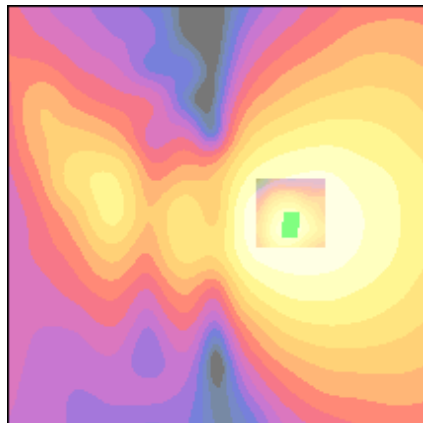
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans\_384/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 = 41.4 dB  
 ABM1 comp = -9.31 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -8.3, 0.8, 3.7 mm

General Scans\_384/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 = 42.3 dB  
 ABM1 comp = -8.71 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -8.1, 1.8, 3.7 mm



0 dB = 117.6

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**FCC\_C5121\_TCoil\_CELL\_384 Y**

Communication System: CDMA\_Tri\_BC0&10, Frequency: 836.52 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

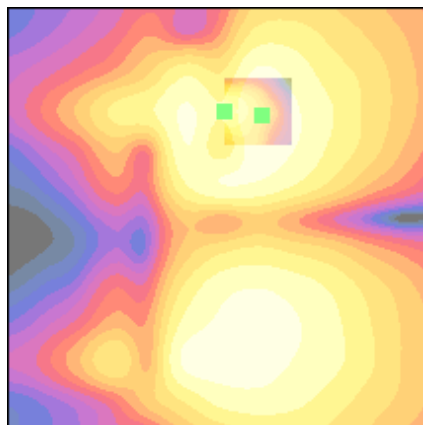
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

General Scans\_384/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 = 40.5 dB  
 ABM1 comp = -14.2 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -4.6, -12.1, 3.7 mm

General Scans\_384/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 = 41.3 dB  
 ABM1 comp = -12.6 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -0.2, -12.5, 3.7 mm



0 dB = 105.7

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**FCC\_C5121\_TCoil\_CELL\_777 Z**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

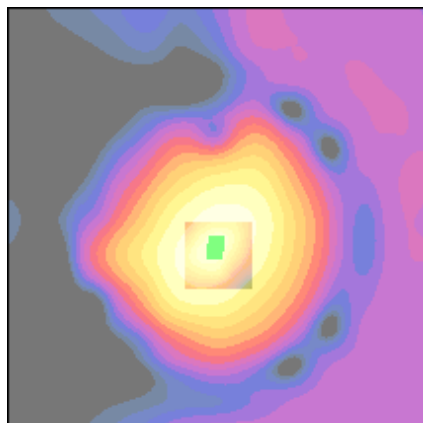
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 49.6 dB  
 ABM1 comp = -1.16 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.4, 3.7, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 49.7 dB  
 ABM1 comp = -0.201 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.2, 2.8, 3.7 mm



0 dB = 302.8



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**FCC\_C5121\_TCoil\_CELL\_777 X**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

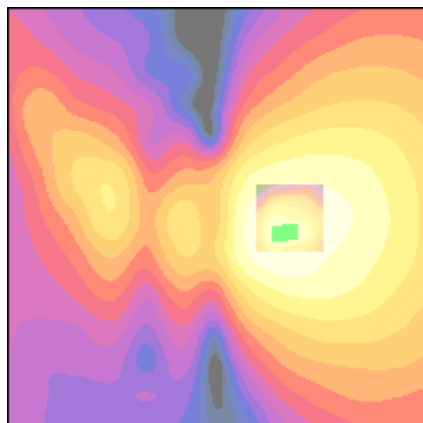
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 42.7 dB  
 ABM1 comp = -8.97 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -8.3, 1.7, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 43.1 dB  
 ABM1 comp = -8.14 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -7.1, 1.8, 3.7 mm



0 dB = 136.8

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**FCC\_C5121\_TCoil\_CELL\_777 Y**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

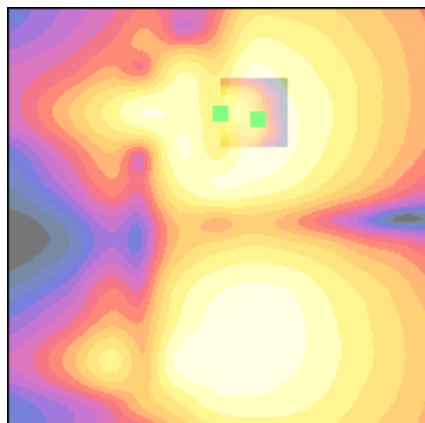
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 40.4 dB  
 ABM1 comp = -13.9 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -4.6, -11.7, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 41.6 dB  
 ABM1 comp = -12.3 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -0.2, -12.3, 3.7 mm



0 dB = 105.1

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## **AWS**

### **Slide Close**

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**FCC\_C5121\_TCoil\_AWS\_25 Z**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

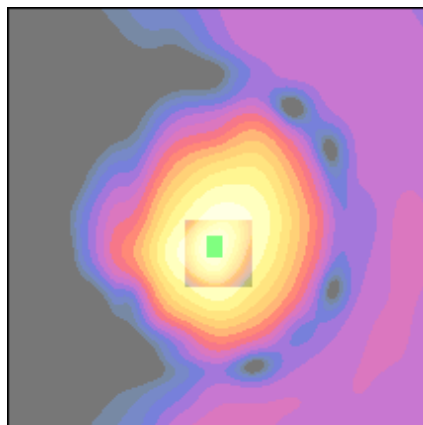
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 48.5 dB  
 ABM1 comp = -1.12 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.4, 3.7, 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 = 48.8 dB  
 ABM1 comp = -0.236 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.4, 3, 3.7 mm



0 dB = 265.1

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**FCC\_C5121\_TCoil\_AWS\_25 X**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

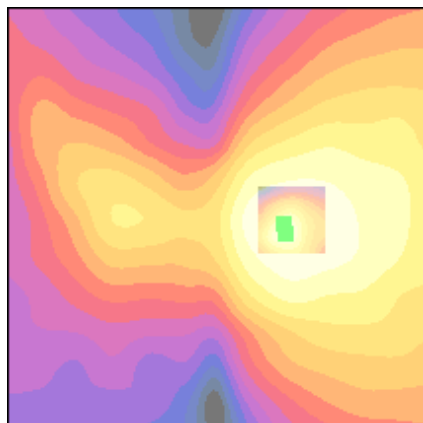
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 35.9 dB  
 ABM1 comp = -8.41 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -7.5, 0.4, 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 = 36.4 dB  
 ABM1 comp = -8.31 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -7.7, 1.6, 3.7 mm



0 dB = 62.5

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_25 Y**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

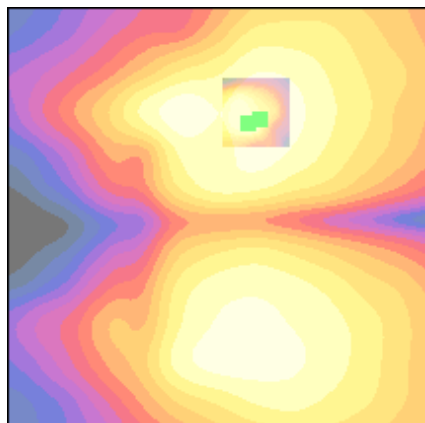
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 37.0 dB  
 ABM1 comp = -13.5 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -4.6, -11.7, 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 = 36.9 dB  
 ABM1 comp = -12.1 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -3.2, -11.1, 3.7 mm



0 dB = 70.4

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_450 Z**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

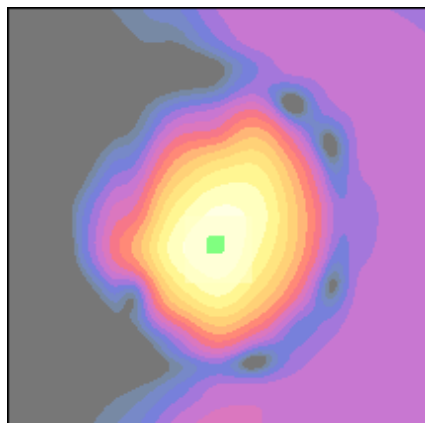
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 48.9 dB  
 ABM1 comp = -0.997 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.4, 3.7, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 49.0 dB  
 ABM1 comp = -1.14 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.2, 3.6, 3.7 mm



0 dB = 279.0

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_450 X**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

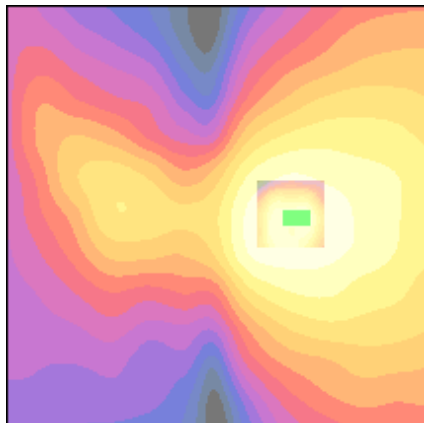
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 36.2 dB  
 ABM1 comp = -8.76 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -8.3, 0.4, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 35.9 dB  
 ABM1 comp = -10.0 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -9.7, 0.4, 3.7 mm



0 dB = 64.5



Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_450 Y**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

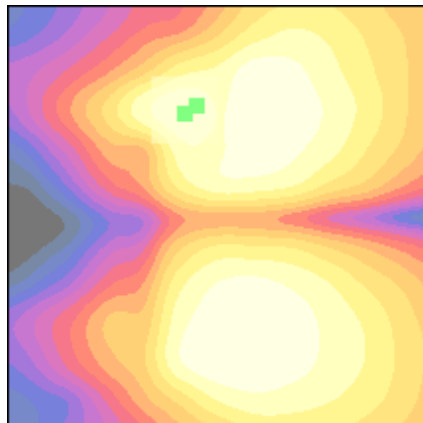
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 35.6 dB  
 ABM1 comp = -11.0 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 4.2, -12.1, 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Cursor:  
 ABM1/ABM2 = 36.6 dB  
 ABM1 comp = -12.0 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2.8, -12.9, 3.7 mm



0 dB = 60.3

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_875 Z**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

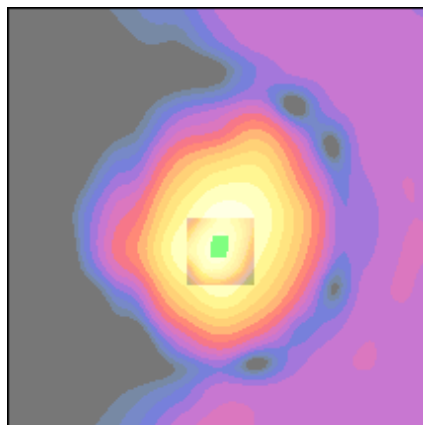
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 48.8 dB  
 ABM1 comp = -1.13 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0, 3.3, 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 = 48.8 dB  
 ABM1 comp = -1.59 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.2, 4, 3.7 mm



0 dB = 275.6

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_875 X**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

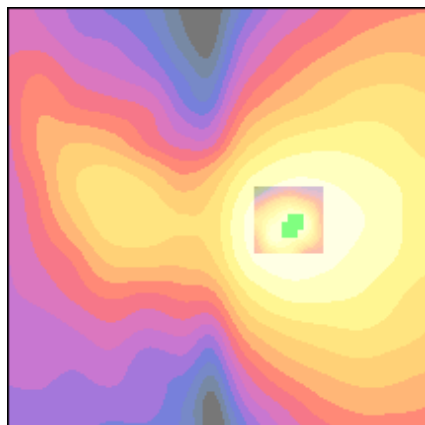
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 36.0 dB  
 ABM1 comp = -9.21 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -8.3, 1.2, 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 = 36.2 dB  
 ABM1 comp = -9.35 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -9.1, 0.2, 3.7 mm



0 dB = 62.9

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_875 Y**

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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

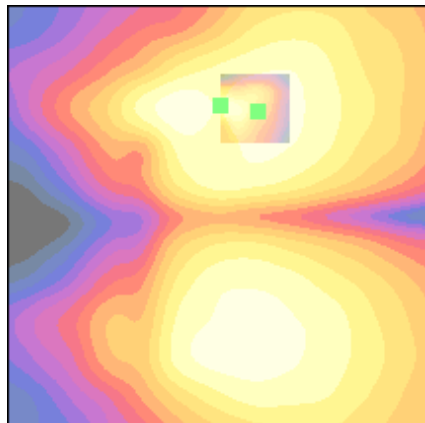
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 36.8 dB  
 ABM1 comp = -14.2 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -4.6, -12.1, 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 = 37.2 dB  
 ABM1 comp = -12.1 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -0.2, -12.7, 3.7 mm



0 dB = 68.9

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

## **PCS Slide Close**

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_25 Z**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

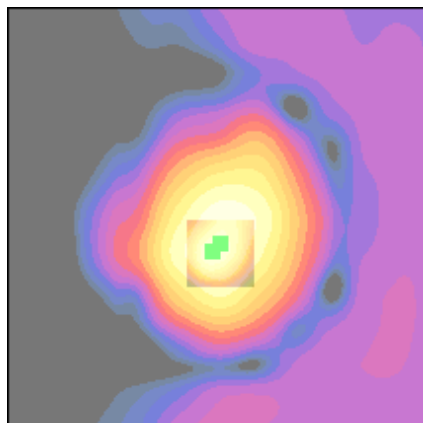
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 48.6 dB  
 ABM1 comp = -1.21 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0, 2.9, 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 = 49.1 dB  
 ABM1 comp = -1.22 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0.8, 4, 3.7 mm



0 dB = 269.9

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_25 X**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

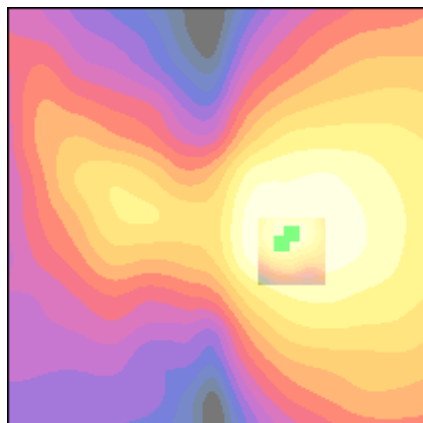
Room T = 21.8̄ 1 deg C, Liquid T = 22.0̄ 1 deg C

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 = 34.9 dB  
 ABM1 comp = -9.04 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -7.1, 3.3, 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 = 35.7 dB  
 ABM1 comp = -8.70 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -8.3, 2.2, 3.7 mm



0 dB = 55.9

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_25 Y**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

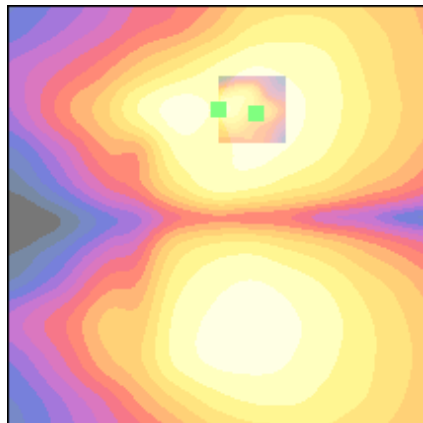
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 36.5 dB  
 ABM1 comp = -14.0 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -4.6, -12.1, 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 = 37.2 dB  
 ABM1 comp = -11.6 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -0.2, -12.5, 3.7 mm



0 dB = 67.1



Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_600 Z**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

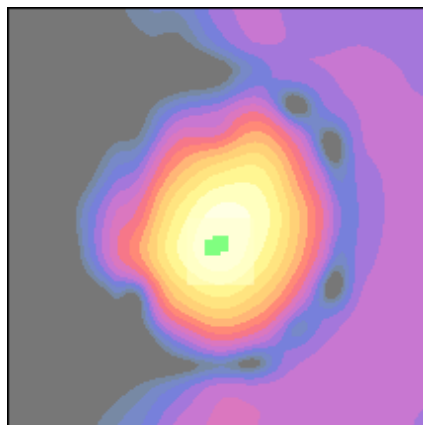
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 49.5 dB  
 ABM1 comp = -0.863 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 0, 3.3, 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 = 49.4 dB  
 ABM1 comp = -0.771 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 1, 3.8, 3.7 mm



0 dB = 297.3

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_600 X**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

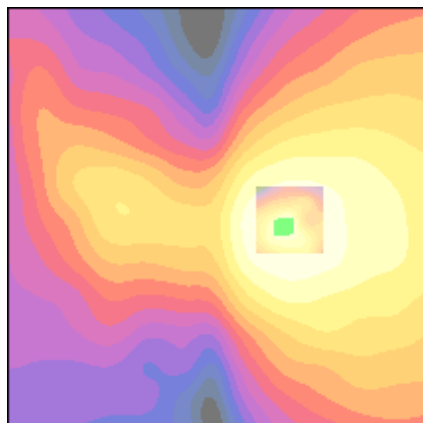
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 35.5 dB  
 ABM1 comp = -8.10 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -7.5, 0.8, 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 = 35.8 dB  
 ABM1 comp = -8.19 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -7.9, 0.6, 3.7 mm



0 dB = 59.9

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_600 Y**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

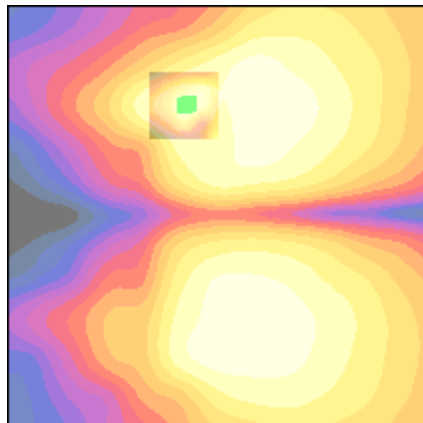
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 35.9 dB  
 ABM1 comp = -11.4 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 4.2, -12.5, 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 = 36.3 dB  
 ABM1 comp = -11.2 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 3.6, -12.7, 3.7 mm



0 dB = 62.0

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_1175 Z**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

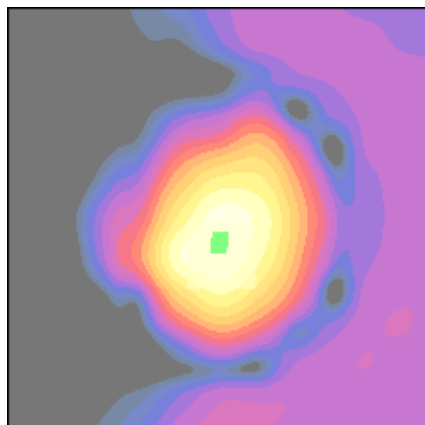
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 49.1 dB  
 ABM1 comp = -0.500 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.4, 2.9, 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 = 48.9 dB  
 ABM1 comp = -0.166 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.2, 2.4, 3.7 mm



0 dB = 286.2

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_1175 X**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

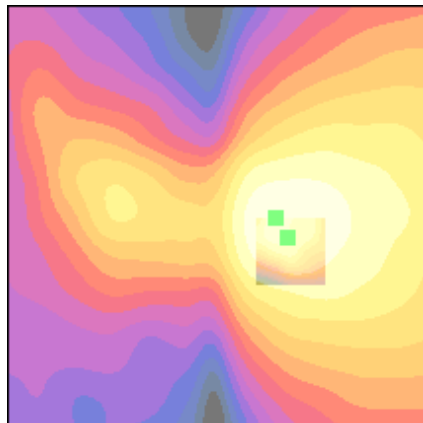
Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

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 = 35.8 dB  
 ABM1 comp = -8.64 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -7.9, 2.5, 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 = 35.7 dB  
 ABM1 comp = -7.45 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -6.5, 0.2, 3.7 mm



0 dB = 61.6

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_1175 Y**

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: 9/22/2009

Sensor-Surface: 0mm (Fix Surface),

Electronics: DAE4 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 184

**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 = 36.4 dB

ABM1 comp = -14.4 dB A/m

BWC Factor = 0.155041 dB

Location: -4.6, -12.5, 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

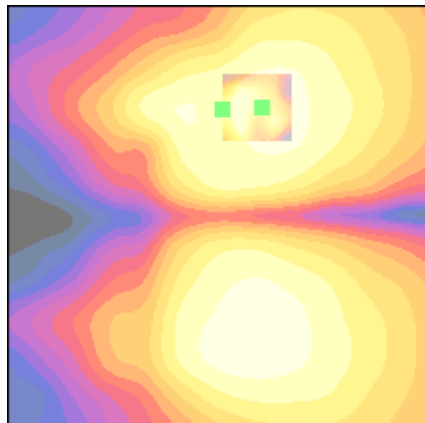
Cursor:

ABM1/ABM2 = 36.4 dB

ABM1 comp = -12.0 dB A/m

BWC Factor = 0.155041 dB

Location: -0.2, -12.3, 3.7 mm



0 dB = 65.8

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

## CELL

### Slide Open

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_1013 Z**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

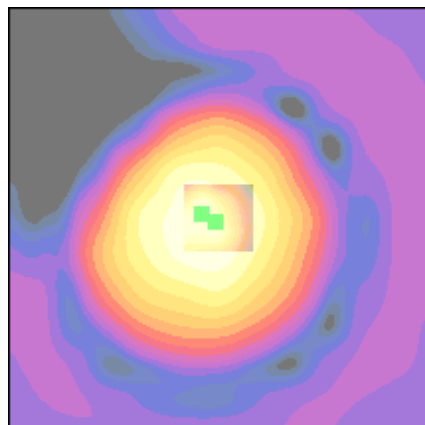
ABM1/ABM2 = 52.4 dB  
 ABM1 comp = -0.033 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 0.4, 0.4, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 53.2 dB  
 ABM1 comp = 0.428 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2, -0.4, 3.7 mm



0 dB = 417.1



Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest /Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_1013 X**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603,Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

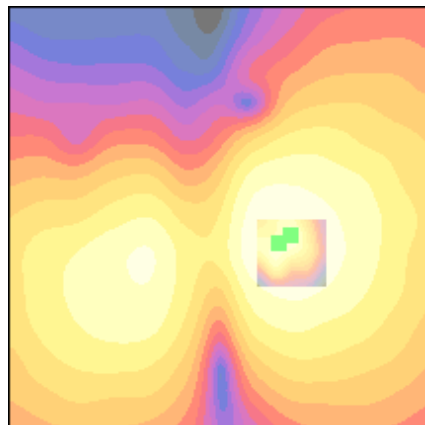
ABM1/ABM2 = 42.8 dB  
 ABM1 comp = -8.88 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -6.7, 2.9, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 43.1 dB  
 ABM1 comp = -8.92 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -8.1, 2.2, 3.7 mm



0 dB = 138.4

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_1013 Y**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

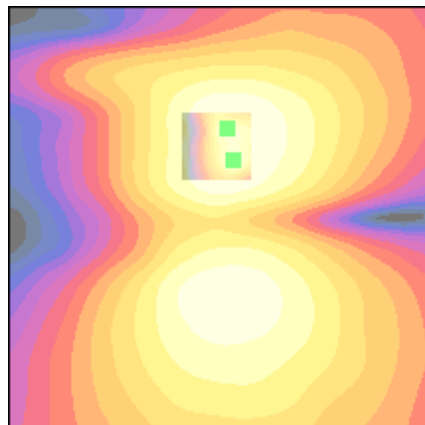
ABM1/ABM2 = 43.7 dB  
 ABM1 comp = -10.4 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -1.2, -10.4, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 43.8 dB  
 ABM1 comp = -8.70 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -2, -6.7, 3.7 mm



0 dB = 152.7

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_384 Z**

Communication System: CDMA\_Tri\_BC0&10, Frequency: 836.52 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

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

**General Scans\_384/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:**

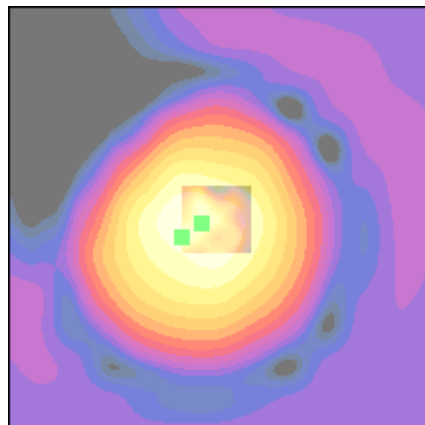
ABM1/ABM2 = 52.8 dB  
 ABM1 comp = 0.256 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 1.7, 0.4, 3.7 mm

**General Scans\_384/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 = 52.8 dB  
 ABM1 comp = -0.024 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 4, 2, 3.7 mm



0 dB = 438.3

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_384 X**

Communication System: CDMA\_Tri\_BC0&10, Frequency: 836.52 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

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

**General Scans\_384/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:**

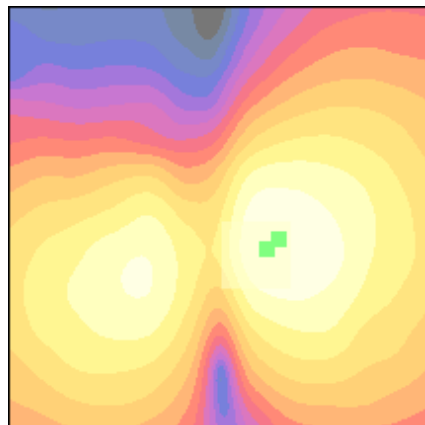
ABM1/ABM2 = 43.0 dB  
 ABM1 comp = -8.32 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -5.4, 3.3, 3.7 mm

**General Scans\_384/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 = 43.4 dB  
 ABM1 comp = -8.07 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -6.8, 2.4, 3.7 mm



0 dB = 140.6

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_384 Y**

Communication System: CDMA\_Tri\_BC0&10, Frequency: 836.52 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

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

**General Scans\_384/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:**

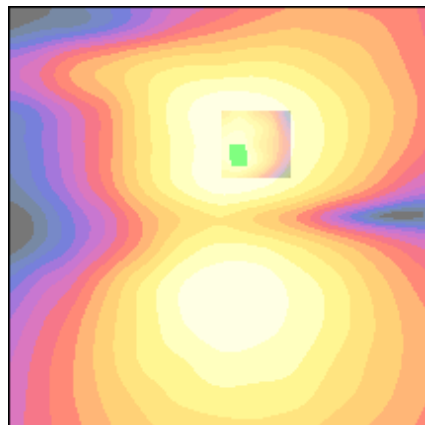
ABM1/ABM2 = 42.9 dB  
 ABM1 comp = -9.61 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -2.1, -6.7, 3.7 mm

**General Scans\_384/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 = 43.6 dB  
 ABM1 comp = -9.16 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -2, -7.5, 3.7 mm



0 dB = 140.0

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_777 Z**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

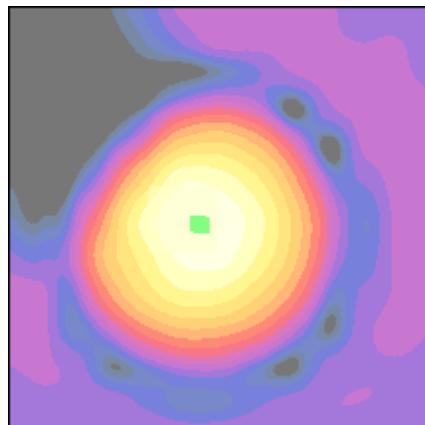
ABM1/ABM2 = 52.3 dB  
 ABM1 comp = 0.115 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2.5, 0.4, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 52.9 dB  
 ABM1 comp = 0.215 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2, 0.6, 3.7 mm



0 dB = 413.4

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_777 X**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010  
 Measurement SW: DASY4, V4.7 Build 80  
 Postprocessing SW: SEMCAD, V1.8 Build 184

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

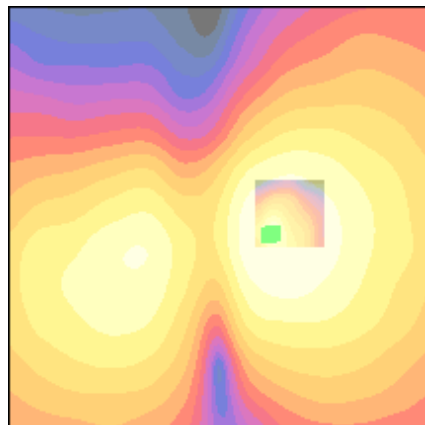
ABM1/ABM2 = 42.8 dB  
 ABM1 comp = -8.30 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -5.8, 2.5, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 43.2 dB  
 ABM1 comp = -7.91 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -6.3, 2.2, 3.7 mm



0 dB = 138.3

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/29/2011

Test Laboratory: Comptest/Kyocera

**Open FCC\_C5121\_TCoil\_CELL\_777 Y**

Communication System: CDMA\_Tri\_BC0&10, 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 Sn603, Calibrated: 9/20/2010

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 184

**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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 43.6 dB

ABM1 comp = -11.0 dB A/m

BWC Factor = 0.155041 dB

Location: -2.9, -9.2, 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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

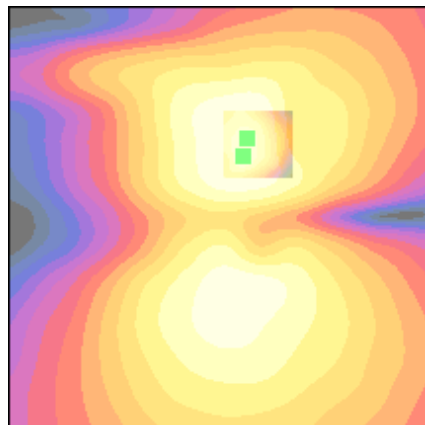
**Cursor:**

ABM1/ABM2 = 43.7 dB

ABM1 comp = -9.21 dB A/m

BWC Factor = 0.155041 dB

Location: -2.4, -6.9, 3.7 mm



0 dB = 151.8



Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

# AWS Slide Open

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_25 Z**

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 Sn603, Calibrated: 9/20/2010  
 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/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:**

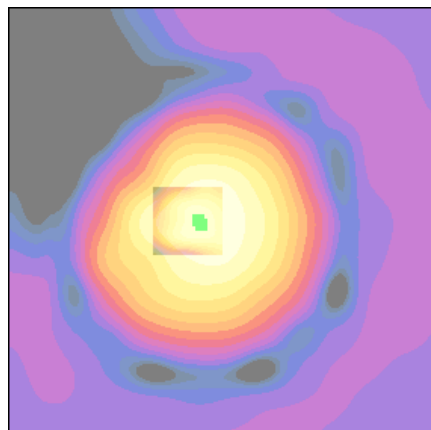
ABM1/ABM2 = 53.5 dB  
 ABM1 comp = 1.23 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 2.9, 0, 3.7 mm

**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 = 54.0 dB  
 ABM1 comp = 1.78 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 2.6, 0.4, 3.7 mm



0 dB = 471.9

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_25 X**

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 Sn603, Calibrated: 9/20/2010  
 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:**

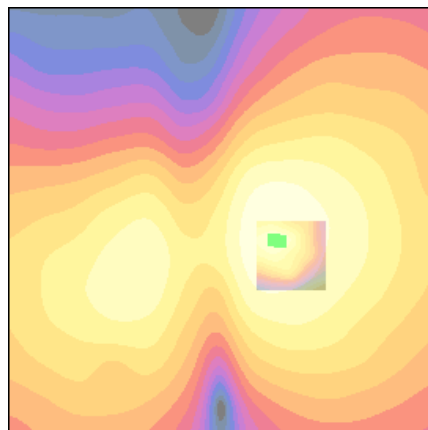
ABM1/ABM2 = 44.0 dB  
 ABM1 comp = -7.99 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -7.1, 2.5, 3.7 mm

**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 = 43.9 dB  
 ABM1 comp = -7.64 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -6.3, 2.4, 3.7 mm



0 dB = 158.0

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_25 Y**

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 Sn603, Calibrated: 9/20/2010  
 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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

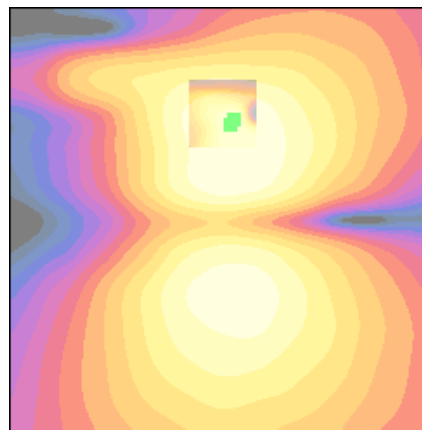
ABM1/ABM2 = 45.2 dB  
 ABM1 comp = -10.5 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -0.8, -11.3, 3.7 mm

**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 = 45.4 dB  
 ABM1 comp = -11.3 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -1.2, -11.9, 3.7 mm



0 dB = 182.1

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_450 Z**

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 Sn603, Calibrated: 9/20/2010  
 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

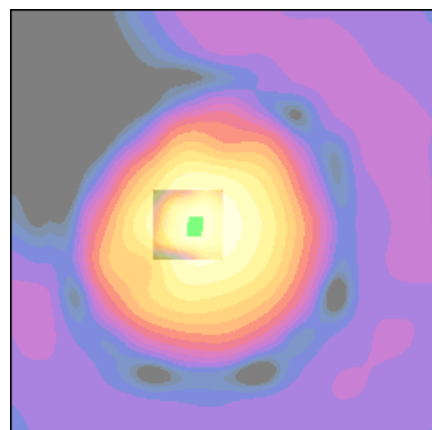
ABM1/ABM2 = 53.9 dB  
 ABM1 comp = 1.51 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 3.3, 0, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 54.0 dB  
 ABM1 comp = 1.64 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 3.4, 0.6, 3.7 mm



0 dB = 496.6

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_450 X**

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 Sn603, Calibrated: 9/20/2010  
 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

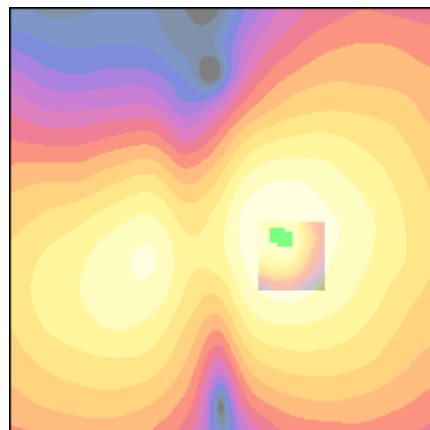
ABM1/ABM2 = 43.6 dB  
 ABM1 comp = -7.77 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -6.7, 1.7, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 43.8 dB  
 ABM1 comp = -8.25 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -7.5, 2.2, 3.7 mm



0 dB = 151.1

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_450 Y**

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 Sn603, Calibrated: 9/20/2010  
 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

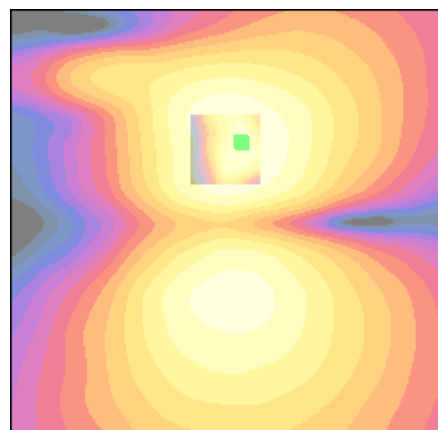
ABM1/ABM2 = 45.5 dB  
 ABM1 comp = -8.68 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -1.7, -9.2, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 45.1 dB  
 ABM1 comp = -9.51 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -2, -9.1, 3.7 mm



0 dB = 189.3

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_875 Z**

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 Sn603, Calibrated: 9/20/2010  
 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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

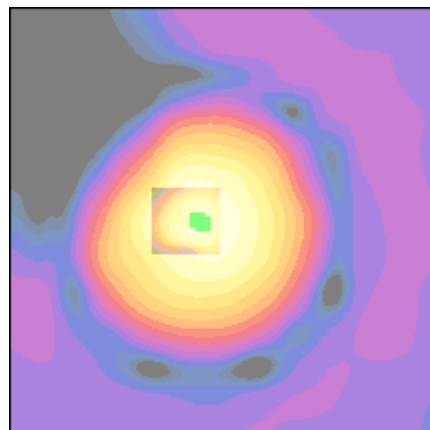
ABM1/ABM2 = 53.7 dB  
 ABM1 comp = 1.23 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 2.9, 0, 3.7 mm

**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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 54.2 dB  
 ABM1 comp = 1.85 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 2.2, 0.4, 3.7 mm



0 dB = 483.9



Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_875 X**

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 Sn603, Calibrated: 9/20/2010  
 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\_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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

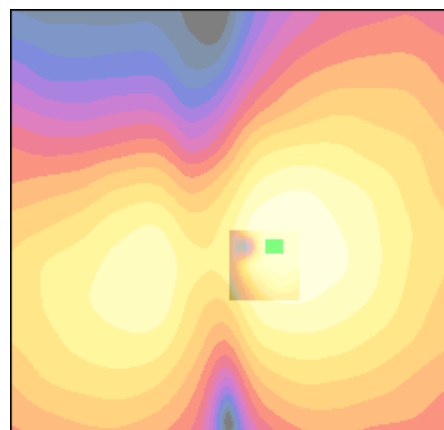
ABM1/ABM2 = 43.8 dB  
 ABM1 comp = -7.21 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -5.4, 2.1, 3.7 mm

**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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 43.9 dB  
 ABM1 comp = -7.34 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -5.2, 2.2, 3.7 mm



0 dB = 154.2

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/20/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_AWS\_875 Y**

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 Sn603, Calibrated: 9/20/2010  
 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\_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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

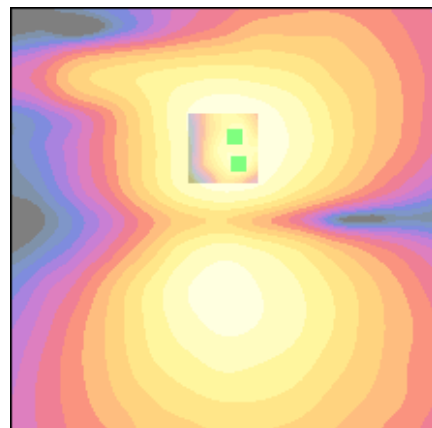
ABM1/ABM2 = 45.4 dB  
 ABM1 comp = -8.85 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -1.2, -9.6, 3.7 mm

**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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 45.4 dB  
 ABM1 comp = -7.59 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -1.8, -6.5, 3.7 mm



0 dB = 186.5

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

## **PCS Slide Open**

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_25 Z**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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/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:**

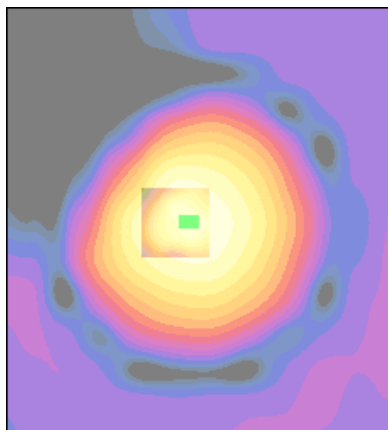
ABM1/ABM2 = 52.7 dB  
 ABM1 comp = 0.774 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2.9, 0, 3.7 mm

**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 = 53.2 dB  
 ABM1 comp = 1.64 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2.2, 0, 3.7 mm



0 dB = 429.2

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_25 X**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

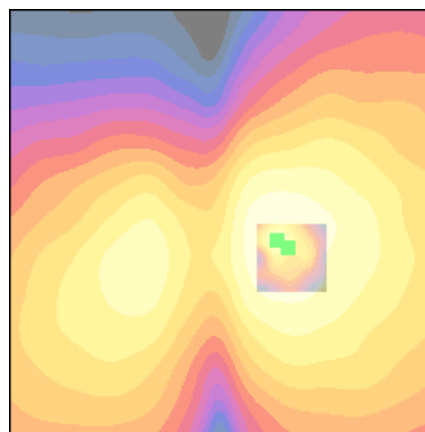
ABM1/ABM2 = 40.2 dB  
 ABM1 comp = -8.89 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -7.9, 2.9, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 40.3 dB  
 ABM1 comp = -7.74 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -6.5, 2.2, 3.7 mm



0 dB = 102.6

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_25 Y**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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:**

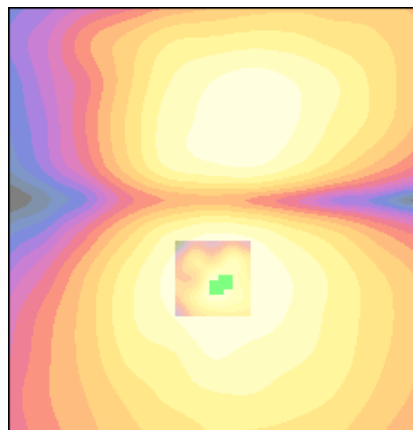
ABM1/ABM2 = 40.0 dB  
 ABM1 comp = -8.43 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -1.2, 8.7, 3.7 mm

**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 = 40.5 dB  
 ABM1 comp = -8.27 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -0.4, 9.3, 3.7 mm



0 dB = 99.9

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_600 Z**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

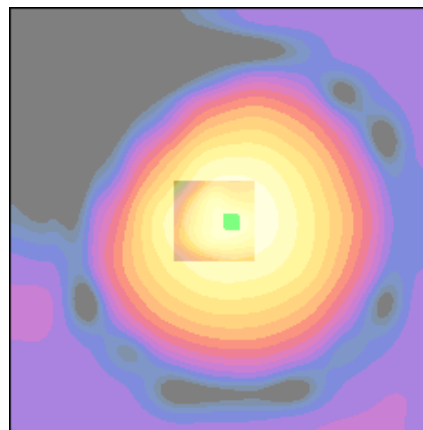
ABM1/ABM2 = 52.9 dB  
 ABM1 comp = 1.31 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2.5, 0, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 53.2 dB  
 ABM1 comp = 1.46 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: 2.4, 0.2, 3.7 mm



0 dB = 441.2

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_600 X**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

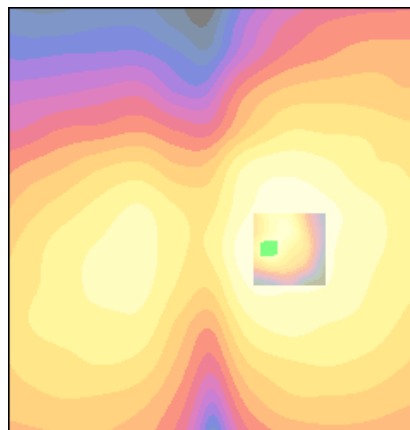
ABM1/ABM2 = 40.0 dB  
 ABM1 comp = -8.67 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -5.8, 4.2, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 40.0 dB  
 ABM1 comp = -8.82 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -6.3, 4, 3.7 mm



0 dB = 99.5



Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_600y**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

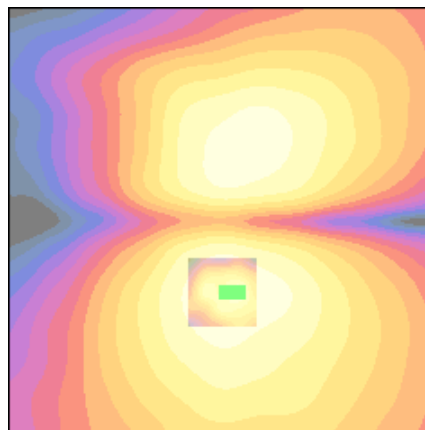
ABM1/ABM2 = 40.8 dB  
 ABM1 comp = -7.77 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -0.4, 8.3, 3.7 mm

**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: 0.155041 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 40.8 dB  
 ABM1 comp = -8.81 dB A/m  
 BWC Factor = 0.155041 dB  
 Location: -2, 8.3, 3.7 mm



0 dB = 109.3

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_1175 Z**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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/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:**

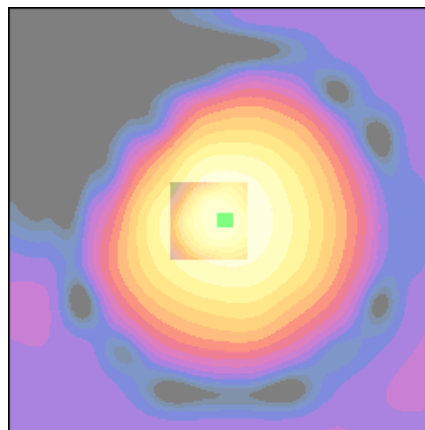
ABM1/ABM2 = 52.8 dB  
 ABM1 comp = 1.04 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 2.5, 0, 3.7 mm

**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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 53.0 dB  
 ABM1 comp = 1.35 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: 2.6, 0, 3.7 mm



0 dB = 437.6

Applicant	Kyocera
FCC ID:	OVFC51213CD
IC #:	3572A-C5121
Report #:	CT-C5121-13C-0711-R0

Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_1175 X**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

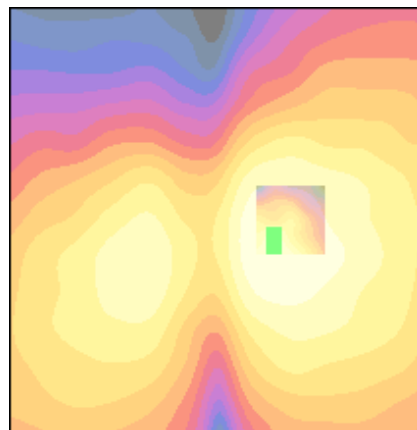
ABM1/ABM2 = 39.7 dB  
 ABM1 comp = -7.75 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -6.2, 1.7, 3.7 mm

**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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 40.0 dB  
 ABM1 comp = -8.26 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -6.3, 3, 3.7 mm



0 dB = 96.7

Applicant	Kyocera
FCC ID:	OVFC51213CD
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Date: 7/19/2011

Test Laboratory: Comptest/Kyocera

**FCC\_C5121\_TCoil\_PCS\_1175 Y**

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: 9/22/2009  
 Sensor-Surface: 0mm (Fix Surface),  
 Electronics: DAE4 Sn603, Calibrated: 9/20/2010  
 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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

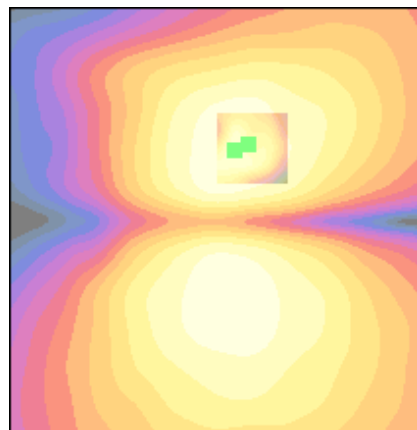
ABM1/ABM2 = 40.3 dB  
 ABM1 comp = -10.3 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -3.7, -8.8, 3.7 mm

**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: 0.155979 dB  
 Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 40.0 dB  
 ABM1 comp = -9.22 dB A/m  
 BWC Factor = 0.155979 dB  
 Location: -2.2, -8.1, 3.7 mm



0 dB = 104.1