

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch25 z (axial)**

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1  
Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

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

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

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

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

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 47.4 dB

ABM1 comp = -4.19 dB A/m

BWC Factor = 0.155041 dB

Location: -4.2, 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

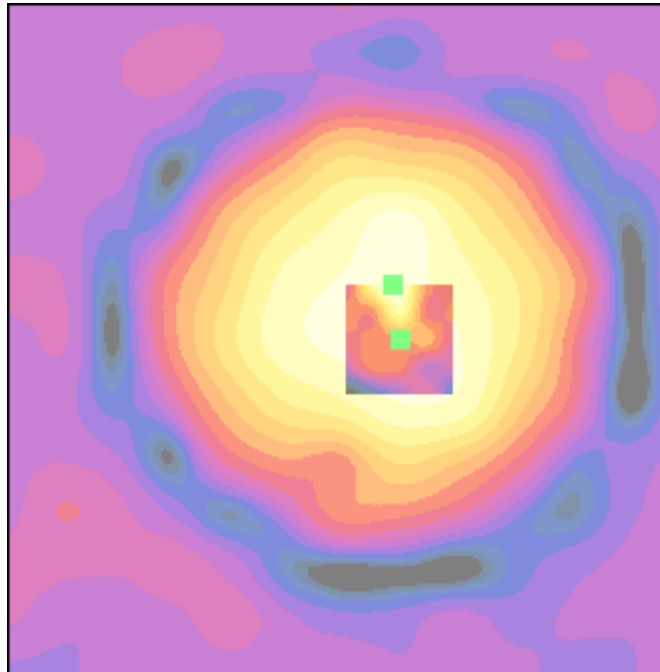
**Cursor:**

ABM1/ABM2 = 48.8 dB

ABM1 comp = -2.46 dB A/m

BWC Factor = 0.155041 dB

Location: -3.8, -4, 3.7 mm



0 dB = 234.7

Date: 10/1/2010

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch25 x (longitudinal)**

Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1  
Medium: T-Coil, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>  
Phantom: HAC Test Arch with AMCC, Phantom section: TCoil Section

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̄ 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 = 45.8 dB

ABM1 comp = -9.98 dB A/m

BWC Factor = 0.155041 dB

Location: 4.2, -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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

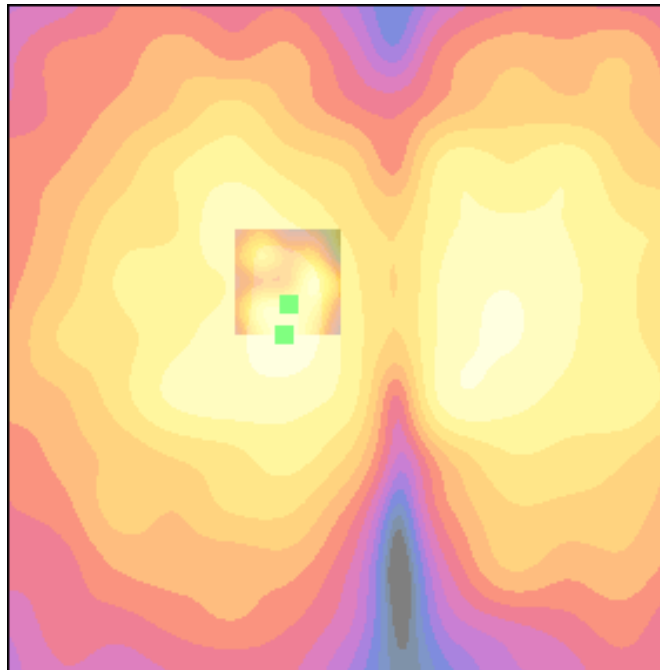
**Cursor:**

ABM1/ABM2 = 45.5 dB

ABM1 comp = -10.7 dB A/m

BWC Factor = 0.155041 dB

Location: 4.4, -0.2, 3.7 mm



0 dB = 194.0

Date: 10/1/2010

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch25 y (transversal)**

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

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

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

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

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

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

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

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

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 46.2 dB

ABM1 comp = -10.1 dB A/m

BWC Factor = 0.155041 dB

Location: -4.2, -8.3, 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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

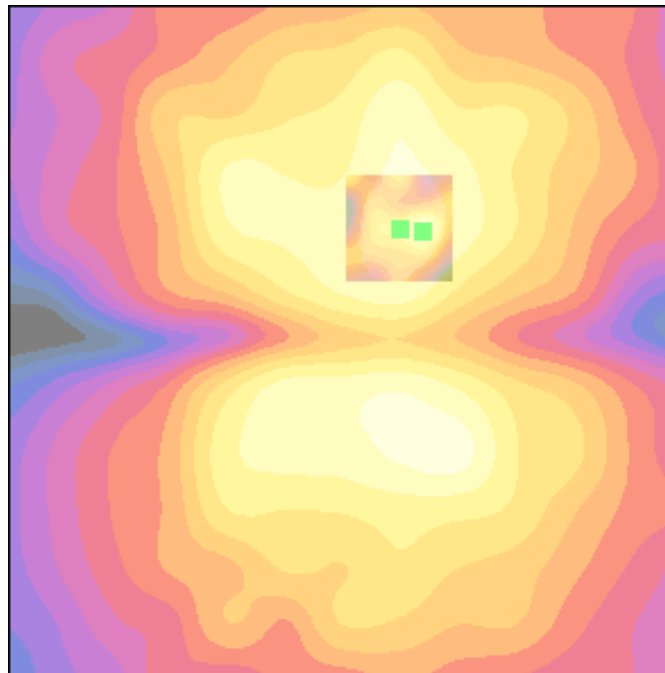
**Cursor:**

ABM1/ABM2 = 46.2 dB

ABM1 comp = -11.0 dB A/m

BWC Factor = 0.155041 dB

Location: -6, -8.1, 3.7 mm



0 dB = 205.0

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch600 z (axial)**

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

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8 ± 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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 50.1 dB

ABM1 comp = -3.37 dB A/m

BWC Factor = 0.155041 dB

Location: -1.7, -2.9, 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

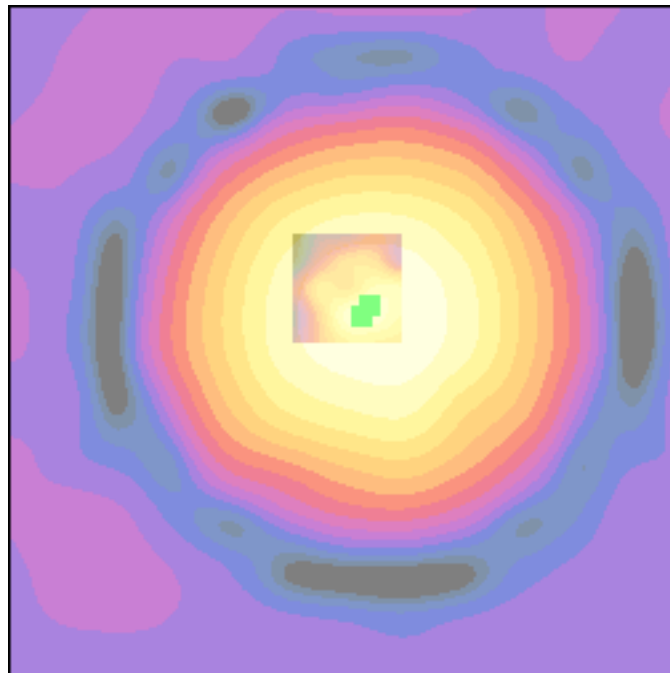
**Cursor:**

ABM1/ABM2 = 50.5 dB

ABM1 comp = -2.92 dB A/m

BWC Factor = 0.155041 dB

Location: -1, -2.2, 3.7 mm



0 dB = 321.1

Date: 10/1/2010

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch600 x (longitudinal)**

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

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

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

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

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

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

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 45.6 dB

ABM1 comp = -11.7 dB A/m

BWC Factor = 0.155041 dB

Location: -8.7, -0.4, 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

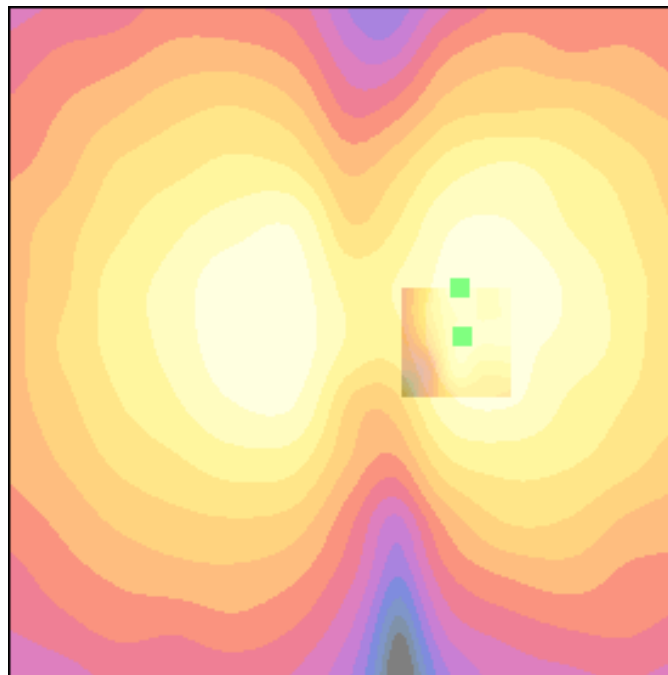
**Cursor:**

ABM1/ABM2 = 45.9 dB

ABM1 comp = -11.5 dB A/m

BWC Factor = 0.155041 dB

Location: -8.5, -4, 3.7 mm



0 dB = 191.6

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch25 y (transversal)**

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

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

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

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

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

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

BWC applied: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 46.5 dB

ABM1 comp = -12.1 dB A/m

BWC Factor = 0.155041 dB

Location: -0.4, 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: 0.155041 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

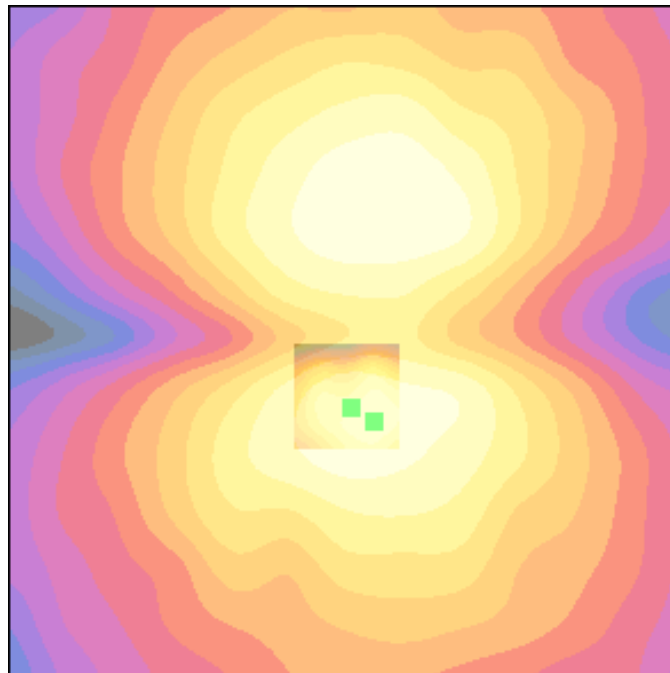
**Cursor:**

ABM1/ABM2 = 47.1 dB

ABM1 comp = -11.5 dB A/m

BWC Factor = 0.155041 dB

Location: -2, 6, 3.7 mm



0 dB = 210.7

Date: 10/1/2010

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch1175 z (axial)**

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

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̄ 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 = 49.2 dB

ABM1 comp = -4.56 dB A/m

BWC Factor = 0.155979 dB

Location: -3.7, -1.7, 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

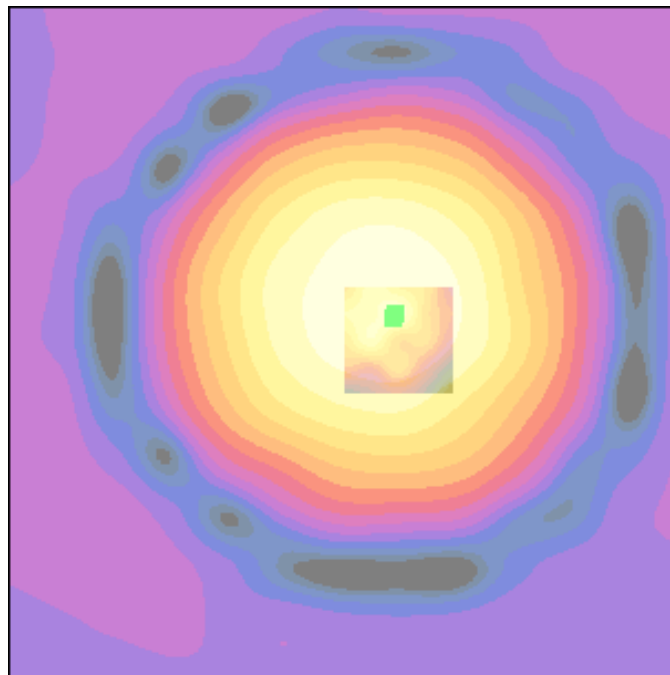
**Cursor:**

ABM1/ABM2 = 50.5 dB

ABM1 comp = -3.40 dB A/m

BWC Factor = 0.155979 dB

Location: -4, -2, 3.7 mm



0 dB = 288.2

Date: 10/1/2010

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch1175 x (longitudinal)**

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

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

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

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

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

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

BWC applied: 0.155979 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

**Cursor:**

ABM1/ABM2 = 45.8 dB

ABM1 comp = -11.8 dB A/m

BWC Factor = 0.155979 dB

Location: 4.6, -0.4, 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

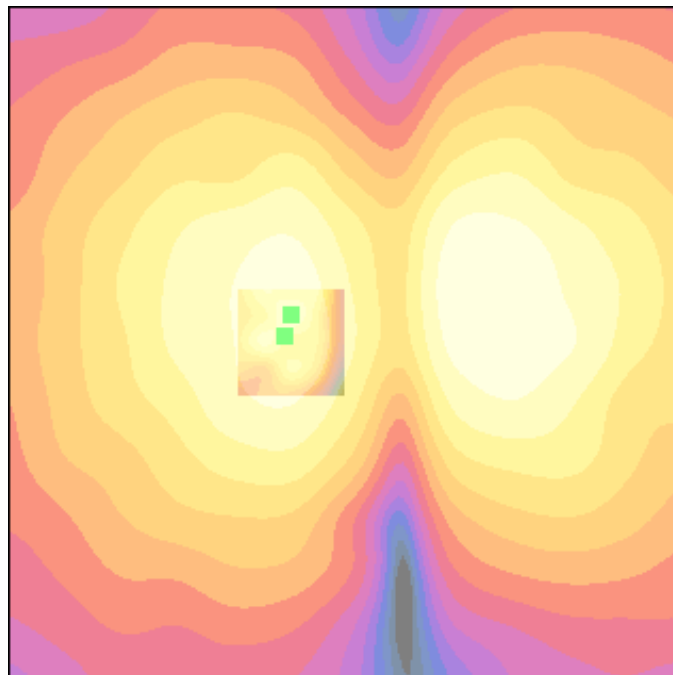
**Cursor:**

ABM1/ABM2 = 45.5 dB

ABM1 comp = -12.0 dB A/m

BWC Factor = 0.155979 dB

Location: 4.2, -2, 3.7 mm



0 dB = 196.1



Date: 10/1/2010

Test Laboratory: Kyocera

**FCC\_K55-01\_TCoil\_PCS Ch1175 y (transversal)**

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

**DASY4 Configuration:**

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

Sensor-Surface: 0mm (Fix Surface),

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

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 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 = 46.6 dB

ABM1 comp = -12.0 dB A/m

BWC Factor = 0.155979 dB

Location: -1.7, 4.6, 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

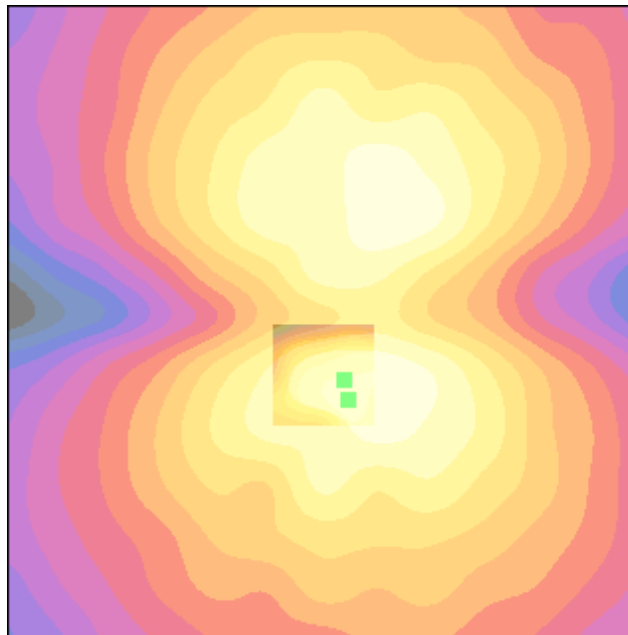
**Cursor:**

ABM1/ABM2 = 46.6 dB

ABM1 comp = -12.0 dB A/m

BWC Factor = 0.155979 dB

Location: -2, 6.2, 3.7 mm



0 dB = 213.4