EXHIBIT 13 APPENDIX C: T-COIL DATA PLOT

PCS

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_ Closed Ch. 25 z(axial)
Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ☐☐☐ 1 deg C, Liquid T = 22.0 ☐☐☐ 1 deg C

General Scans_25/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 50.5 dB
ABM1 comp = -3.42 dB A/m
BWC Factor = 0.155979 dB
Location: 1.7, 0.4, 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
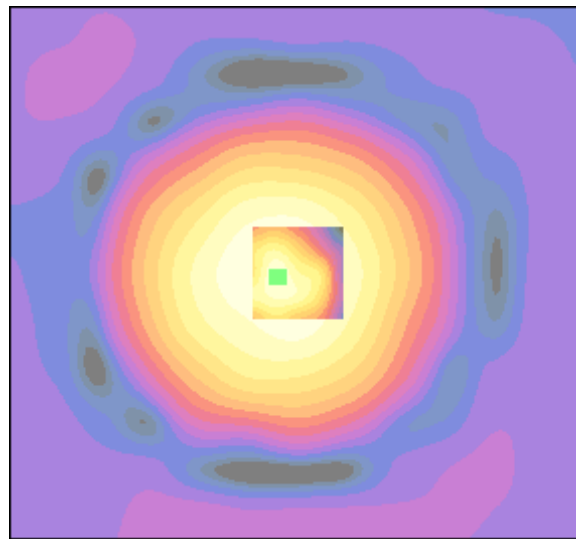BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 50.8 dB
ABM1 comp = -3.11 dB A/m
BWC Factor = 0.155979 dB
Location: 1.8, 0.4, 3.7 mm

0 dB = 335.4

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_Closed_ Ch. 25 x(longitudinal)
Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 ☐☐☐ 1 deg C, Liquid T = 22.0 ☐☐☐ 1 deg C

General Scans_25/x (longitudinal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 44.7 dB
ABM1 comp = -12.4 dB A/m
BWC Factor = 0.155979 dB
Location: -6.7, -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
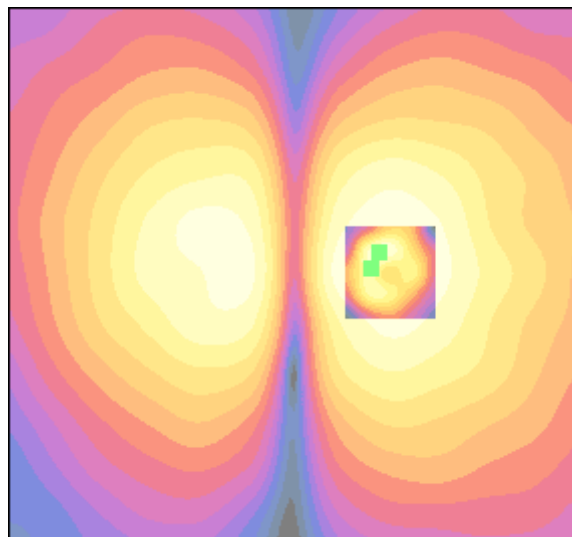BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 44.8 dB
ABM1 comp = -12.5 dB A/m
BWC Factor = 0.155979 dB
Location: -7.3, -1.8, 3.7 mm

0 dB = 172.0

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_Closed_ Ch. 25 y(transversal)
Communication System: CDMA-1900, Frequency: 1851.25 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 □□□ 1 deg C, Liquid T = 22.0 □□□ 1 deg C

General Scans_25/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 43.2 dB
ABM1 comp = -14.1 dB A/m
BWC Factor = 0.155979 dB
Location: 0, 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
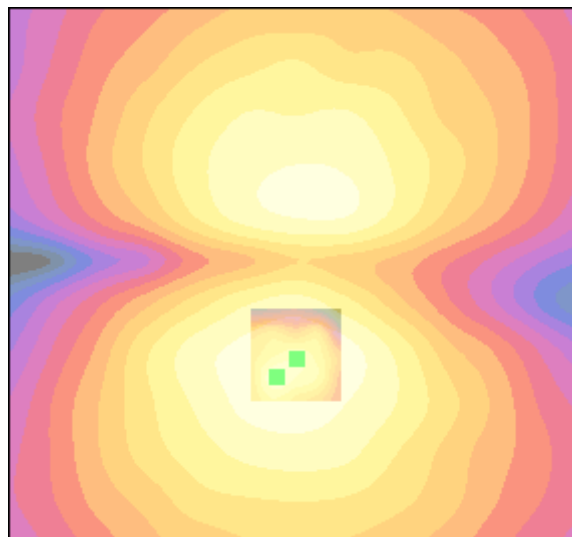BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 43.3 dB
ABM1 comp = -14.3 dB A/m
BWC Factor = 0.155979 dB
Location: 1.6, 10.3, 3.7 mm

0 dB = 144.9

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_Closed_ Ch. 600 z(axial)
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
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: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 49.9 dB
ABM1 comp = -4.26 dB A/m
BWC Factor = 0.155979 dB
Location: 0.8, 0.8, 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
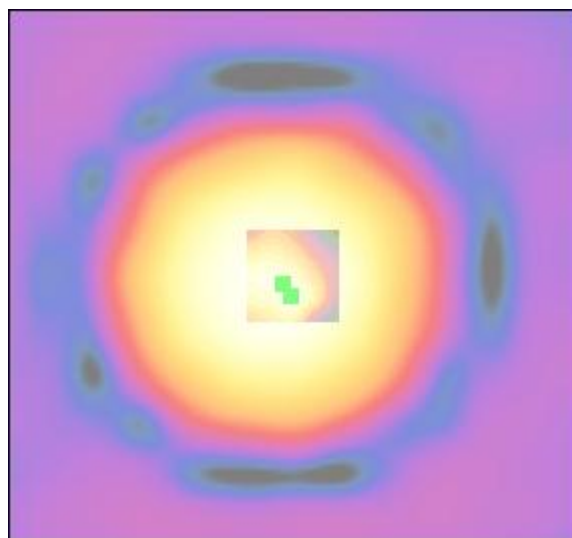BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 50.6 dB
ABM1 comp = -3.66 dB A/m
BWC Factor = 0.155979 dB
Location: 0.2, 1.8, 3.7 mm

0 dB = 314.4

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS _Closed_Ch. 600 x(longitudinal)
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
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/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 = 44.4 dB
ABM1 comp = -12.8 dB A/m
BWC Factor = 0.155979 dB
Location: -8.7, -1.7, 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
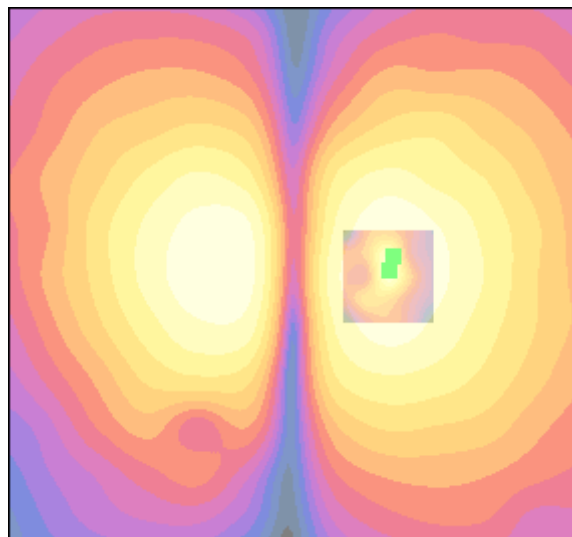BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 45.0 dB
ABM1 comp = -12.3 dB A/m
BWC Factor = 0.155979 dB
Location: -8.3, -0.6, 3.7 mm

0 dB = 166.5

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_Closed_ Ch. 600 y(transversal)
Communication System: CDMA-1900, Frequency: 1880 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
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/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 = 43.6 dB
ABM1 comp = -13.9 dB A/m
BWC Factor = 0.155979 dB
Location: 0, 9.2, 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
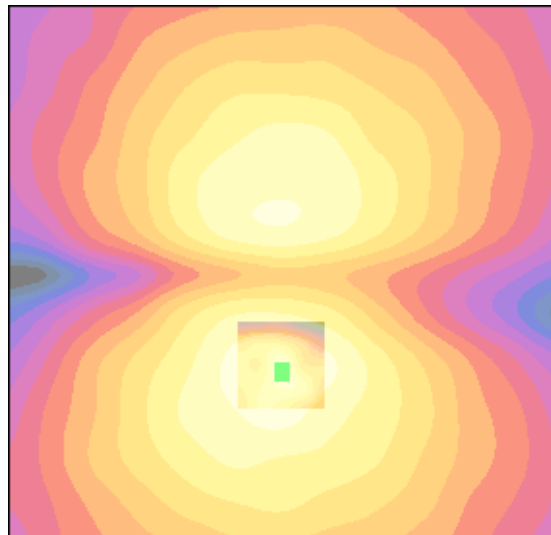BWC applied: 0.155979 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 43.0 dB
ABM1 comp = -14.4 dB A/m
BWC Factor = 0.155979 dB
Location: 0, 8.7, 3.7 mm

0 dB = 152.1

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_Closed_Ch. 1175 z(axial)
Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
Measurement SW: DASY4, V4.7 Build 80
Postprocessing SW: SEMCAD, V1.8 Build 186
Temperature: Room T = 21.8 +/- 1 deg C, Liquid T = 22.0 +/- 1 deg C

General Scans_1175/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
BWC applied: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 49.9 dB
ABM1 comp = -4.19 dB A/m
BWC Factor = 0.155041 dB
Location: 1.7, 1.2, 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
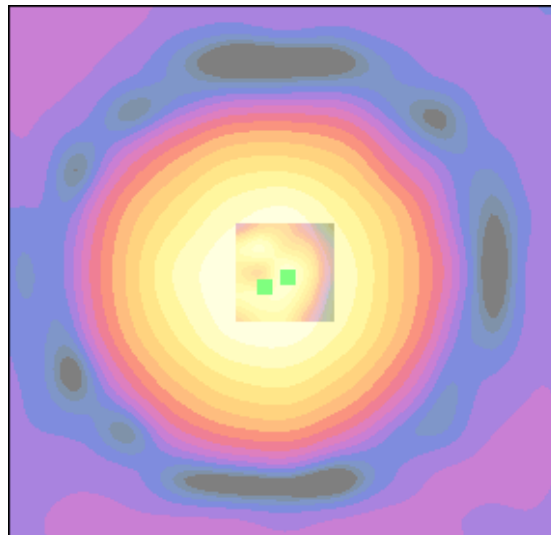BWC applied: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 50.5 dB
ABM1 comp = -4.19 dB A/m
BWC Factor = 0.155041 dB
Location: -0.2, 0.4, 3.7 mm

0 dB = 311.4

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_Closed_ Ch. 1175 x(longitudinal)
Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
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/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 = 44.1 dB
ABM1 comp = -11.6 dB A/m
BWC Factor = 0.155041 dB
Location: 5.4, -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: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
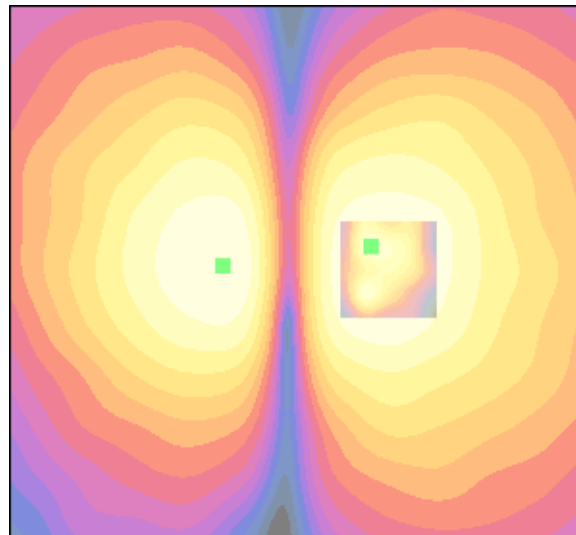**Cursor:**
ABM1/ABM2 = 44.8 dB
ABM1 comp = -12.4 dB A/m
BWC Factor = 0.155041 dB
Location: -6.9, -2, 3.7 mm

0 dB = 159.7

Test Laboratory: COMPTEST/KYOCERA   Date: 03/28/2012

FCC_ C5155A1_TCoil_PCS_Closed_ Ch. 1175 y(transversal)
Communication System: CDMA-1900, Frequency: 1908.75 MHz, Duty Cycle: 1:1
Medium: T-Coil,Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Phantom: HAC Test Arch with AMCC,Phantom section: TCoil Section
DASY4 Configuration:
Probe: AM1DV2 - 1045, , Calibrated: 9/15/2011
Sensor-Surface: 0mm (Fix Surface),
Electronics: DAE4 Sn527,Calibrated: 7/13/2011
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: 0.155041 dB
Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 41.9 dB
ABM1 comp = -15.6 dB A/m
BWC Factor = 0.155041 dB
Location: -1.2, 10, 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
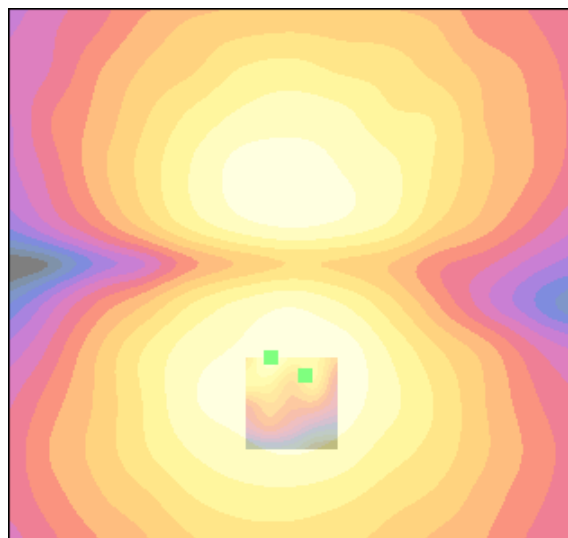Device Reference Point: 0.000, 0.000, -6.30 mm
Cursor:
ABM1/ABM2 = 43.4 dB
ABM1 comp = -13.9 dB A/m
BWC Factor = 0.155041 dB
Location: 1.8, 8.5, 3.7 mm

0 dB = 124.2