

## Appendix D

### Contour Plots

## GSM 850 128CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, GSM 850 (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.36 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 45.84 dB

ABM1 comp = -6.36 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -52.21 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.89 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 44.48 dB  
ABM1 comp = -13.89 dBA/m  
BWC Factor = 0.15 dB  
Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

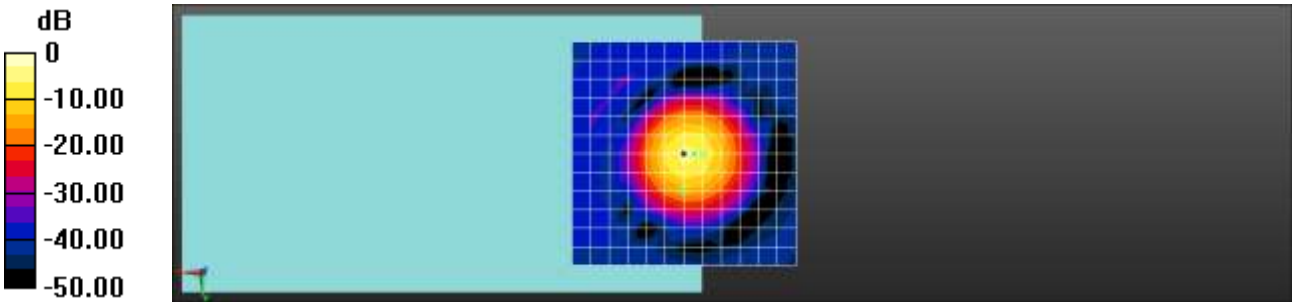
**Cursor:**

ABM2 = -58.37 dBA/m  
Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.66 dB  
BWC Factor = 10.79 dB  
Location: -2.4, 0.1, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## GSM 850 190CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.37 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 47.30 dB

ABM1 comp = -6.37 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -53.67 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -14.01 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 44.78 dB  
ABM1 comp = -14.01 dBA/m  
BWC Factor = 0.15 dB  
Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

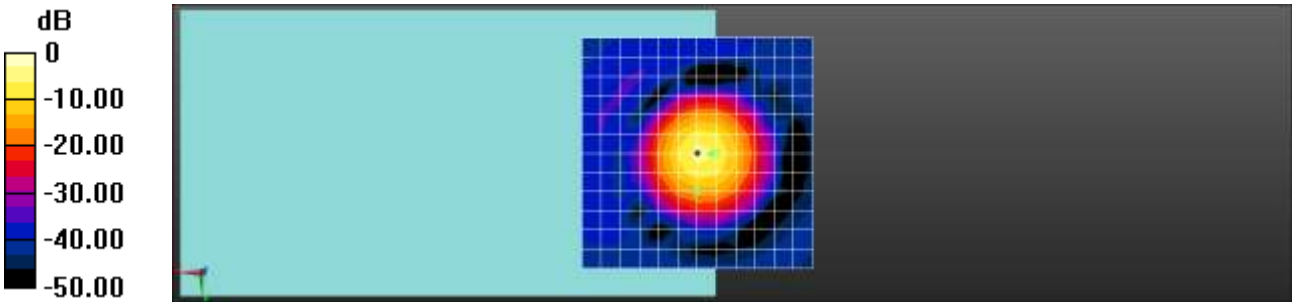
**Cursor:**

ABM2 = -58.79 dBA/m  
Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.61 dB  
BWC Factor = 10.79 dB  
Location: -3, 0.1, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## GSM 850 251CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, GSM 850 (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -5.23 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 46.99 dB

ABM1 comp = -5.23 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -52.22 dBA/m

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.92 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 44.71 dB

ABM1 comp = -13.92 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -58.62 dBA/m

Location: 0, 8.3, 3.7 mm

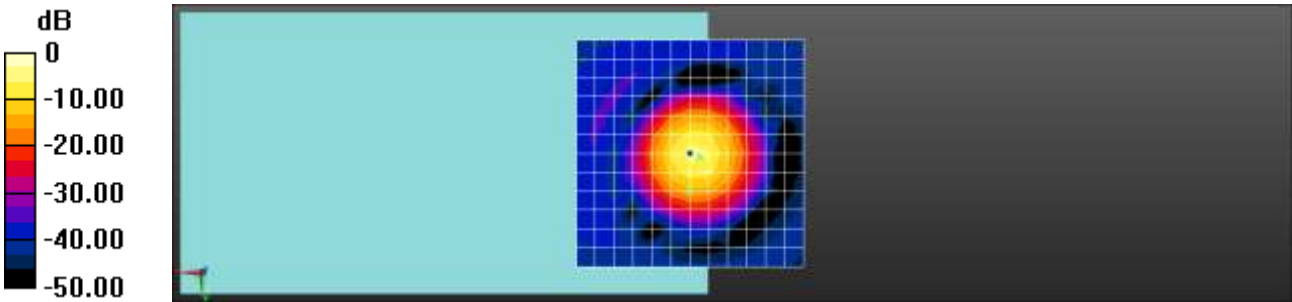
**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.38 dB

BWC Factor = 10.79 dB

Location: -2.2, 0.8, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## GSM 1900 512CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, GSM 1900 (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -5.17 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 46.12 dB

ABM1 comp = -5.17 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -51.29 dBA/m

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.90 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm



**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 44.06 dB  
ABM1 comp = -13.90 dBA/m  
BWC Factor = 0.15 dB  
Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

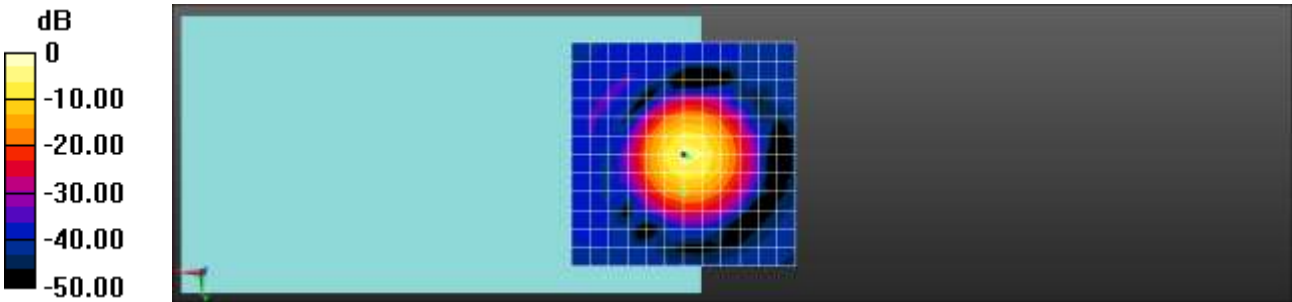
**Cursor:**

ABM2 = -57.96 dBA/m  
Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.45 dB  
BWC Factor = 10.79 dB  
Location: -1.3, 0.6, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## GSM 1900 661CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, GSM 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -5.27 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 45.99 dB

ABM1 comp = -5.27 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -51.26 dBA/m

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -14.27 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 43.79 dB

ABM1 comp = -14.27 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -58.06 dBA/m

Location: 0, 8.3, 3.7 mm

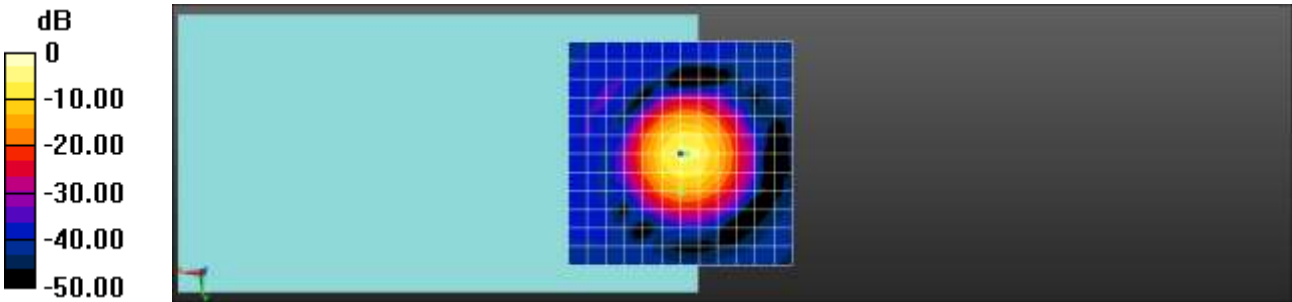
**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.52 dB

BWC Factor = 10.79 dB

Location: -1.4, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## GSM 1900 810CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, GSM 1900 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -5.13 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 46.57 dB

ABM1 comp = -5.13 dBA/m

BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -51.71 dBA/m

Location: 0, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.86 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 44.03 dB

ABM1 comp = -13.86 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -57.89 dBA/m

Location: 0, 8.3, 3.7 mm

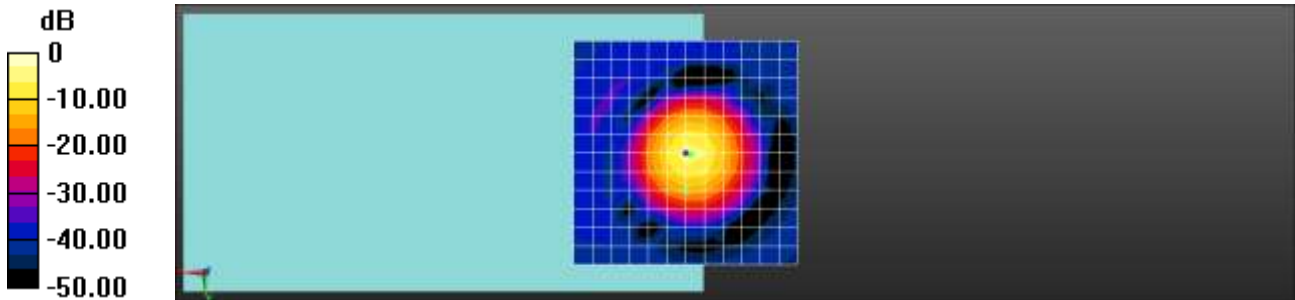
**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.44 dB

BWC Factor = 10.79 dB

Location: -1.3, 0.3, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## WCDMA 850 4132CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, WCDMA850 (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.33 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 51.33 dB

ABM1 comp = -6.33 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -57.66 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.56 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 45.47 dB

ABM1 comp = -13.56 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -59.03 dBA/m

Location: 0, -8.3, 3.7 mm

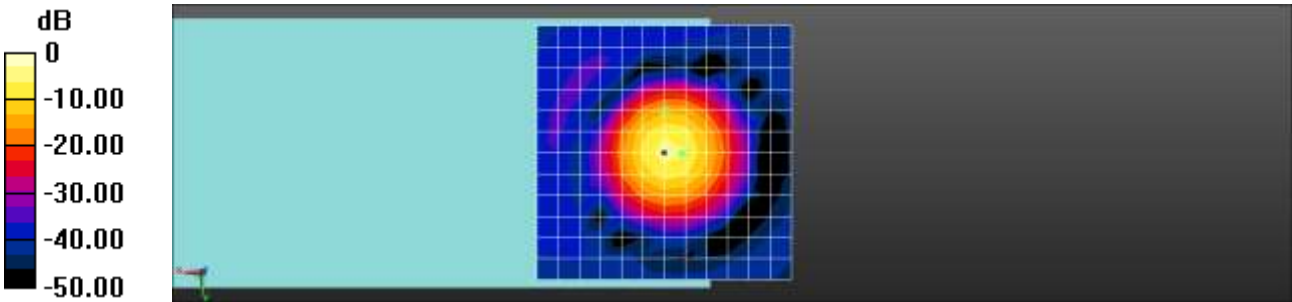
**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.31 dB

BWC Factor = 10.79 dB

Location: -3.4, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## WCDMA 850 4183CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.36 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 51.04 dB

ABM1 comp = -6.36 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -57.40 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.52 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm



**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 45.64 dB

ABM1 comp = -13.52 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -59.16 dBA/m

Location: 0, -8.3, 3.7 mm

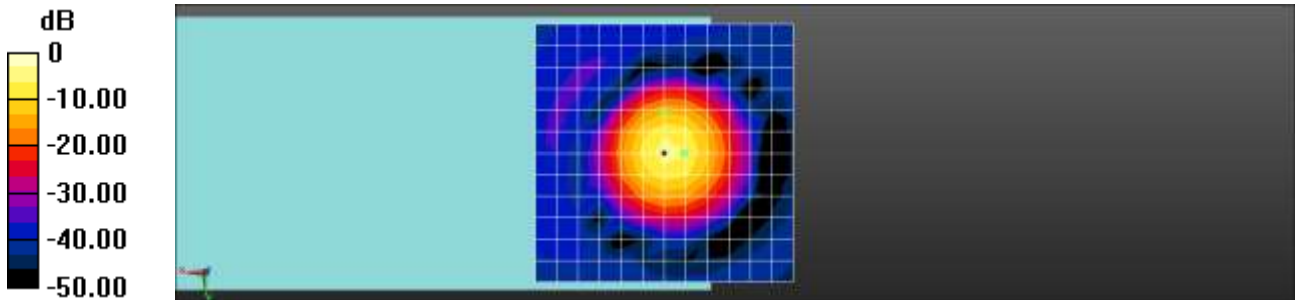
**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.49 dB

BWC Factor = 10.79 dB

Location: -3.6, 0, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## WCDMA 850 4233CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, WCDMA850 (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.28 dBA/m

BWC Factor = 0.16 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 51.22 dB

ABM1 comp = -6.28 dBA/m

BWC Factor = 0.16 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -57.50 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.41 dBA/m

BWC Factor = 0.16 dB

Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 45.41 dB  
ABM1 comp = -13.41 dBA/m  
BWC Factor = 0.16 dB  
Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

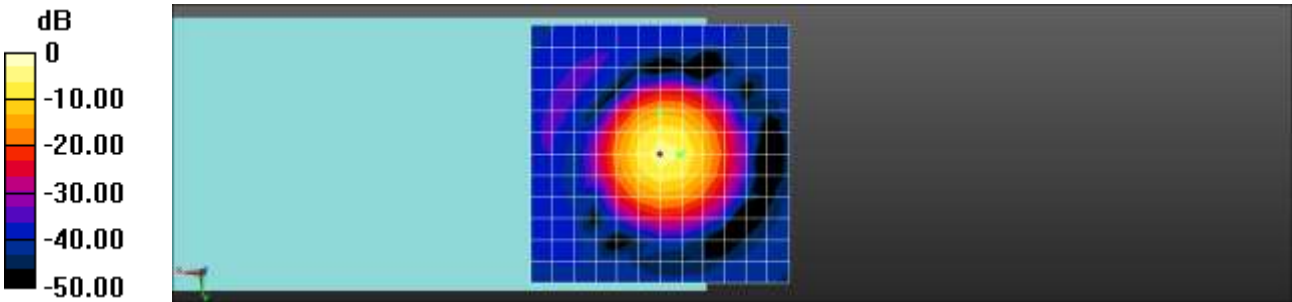
**Cursor:**

ABM2 = -58.82 dBA/m  
Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.46 dB  
BWC Factor = 10.80 dB  
Location: -3.7, 0.1, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## WCDMA 1900 9262CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, WCDMA1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.69 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 50.36 dB

ABM1 comp = -6.69 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -57.05 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -14.19 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 44.79 dB  
ABM1 comp = -14.19 dBA/m  
BWC Factor = 0.15 dB  
Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

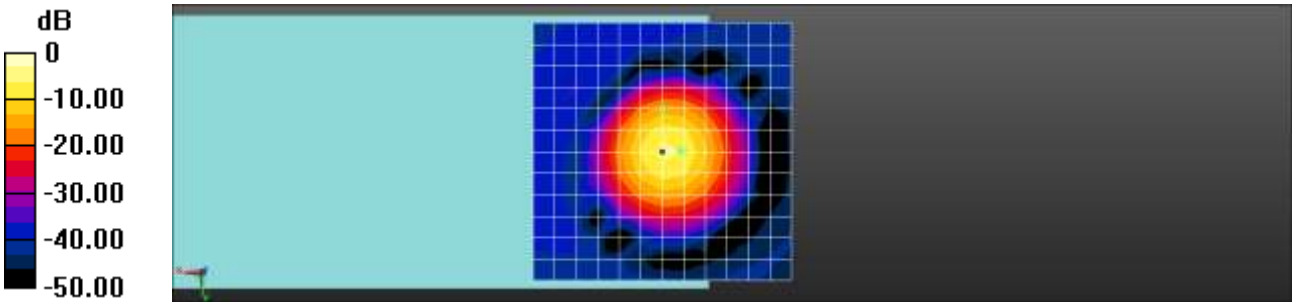
**Cursor:**

ABM2 = -58.98 dBA/m  
Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.36 dB  
BWC Factor = 10.78 dB  
Location: -3.4, -0.2, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## WCDMA 1900 9400CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.68 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 49.75 dB

ABM1 comp = -6.68 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -56.43 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -14.15 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 44.95 dB  
ABM1 comp = -14.15 dBA/m  
BWC Factor = 0.15 dB  
Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

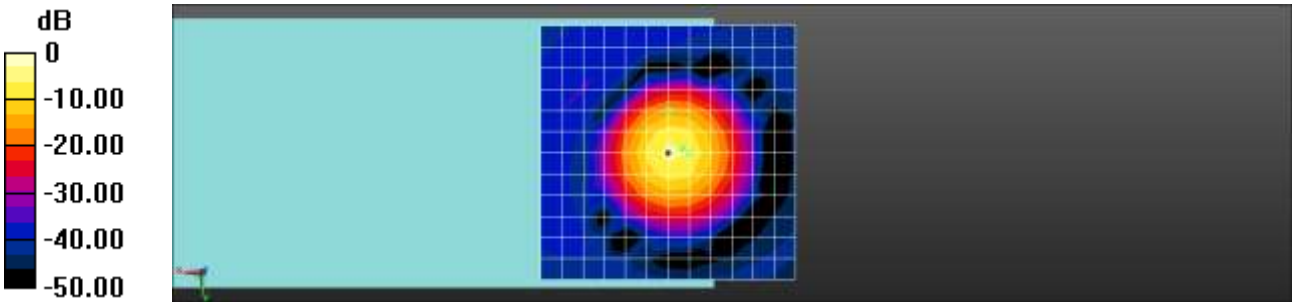
**Cursor:**

ABM2 = -59.10 dBA/m  
Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.35 dB  
BWC Factor = 10.79 dB  
Location: -2.8, -0.8, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

## WCDMA 1900 9538 CH

**DUT: P2050; Type: Folder; Serial: #1**

**Procedure Name: General Scans**

Communication System: UID 0, WCDMA1900 (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 18/04/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn869; Calibrated: 18/09/2012
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -6.14 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 50.54 dB

ABM1 comp = -6.14 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -56.69 dBA/m

Location: -4.2, 0, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1 comp = -13.64 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm



**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM1/ABM2 = 45.28 dB

ABM1 comp = -13.64 dBA/m

BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm

**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/y (transversal) 4.2mm 50 x 50/ABM Noise(x,y,z) (13x13x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

ABM2 = -58.92 dBA/m

Location: 0, -8.3, 3.7 mm

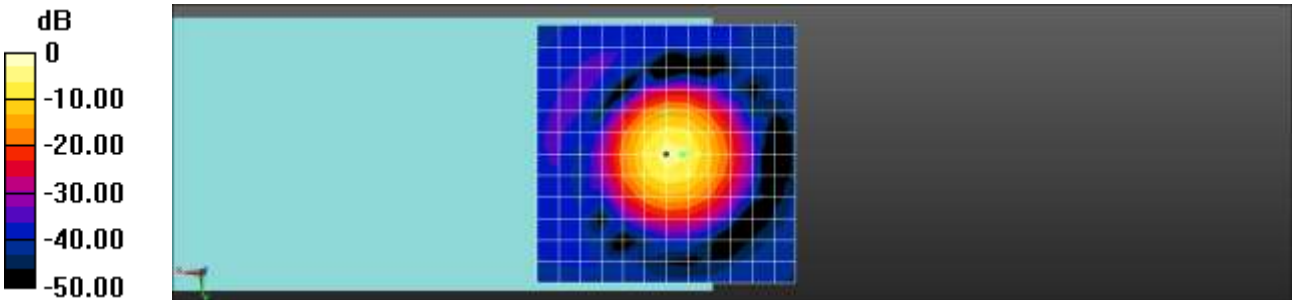
**T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

**Cursor:**

Diff = 0.34 dB

BWC Factor = 10.79 dB

Location: -3.1, 0.1, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m