

Appendix D

Contour Plots

GSM 850 128CH

DUT: P6070; Type: Bar; 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/m³

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 – 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = -1.33 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 = 29.65 dB

ABM1 comp = -1.33 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 = -30.97 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 = -11.22 dBA/m

BWC Factor = 0.15 dB

Location: 0, 12.5, 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 = 24.08 dB

ABM1 comp = -11.22 dBA/m

BWC Factor = 0.15 dB

Location: 0, 12.5, 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 = -35.31 dBA/m

Location: 0, 12.5, 3.7 mm

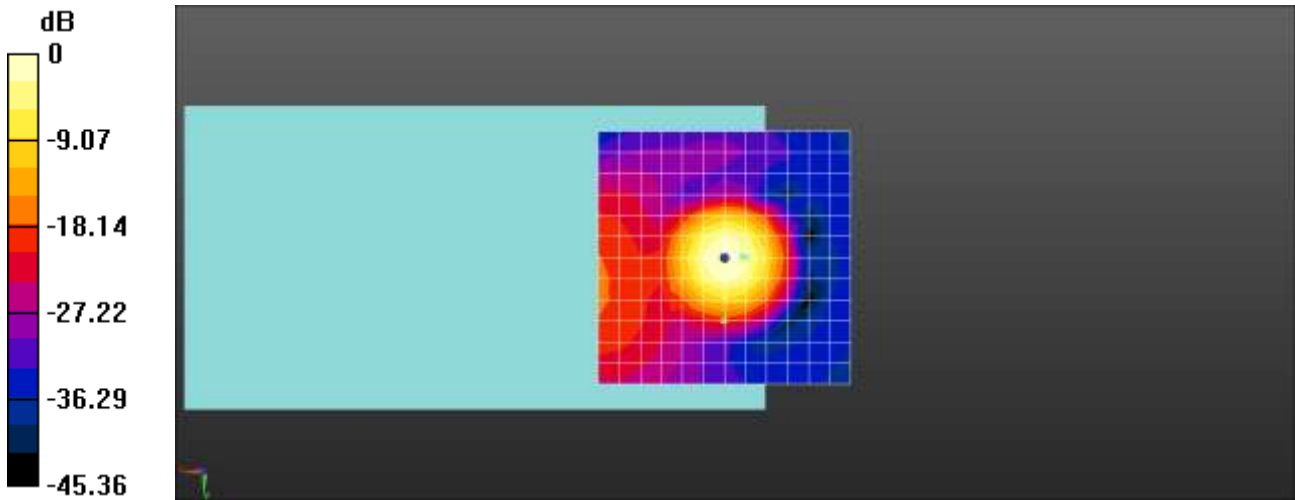
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM
Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 1.97 dB

BWC Factor = 10.80 dB

Location: -3.5, -0.3, 3.7 mm



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

GSM 850 190CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = -1.42 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 = 29.39 dB
ABM1 comp = -1.42 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 = -30.81 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 = -7.76 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 = 23.74 dB
ABM1 comp = -7.76 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 = -31.50 dBA/m

Location: 0, 8.3, 3.7 mm

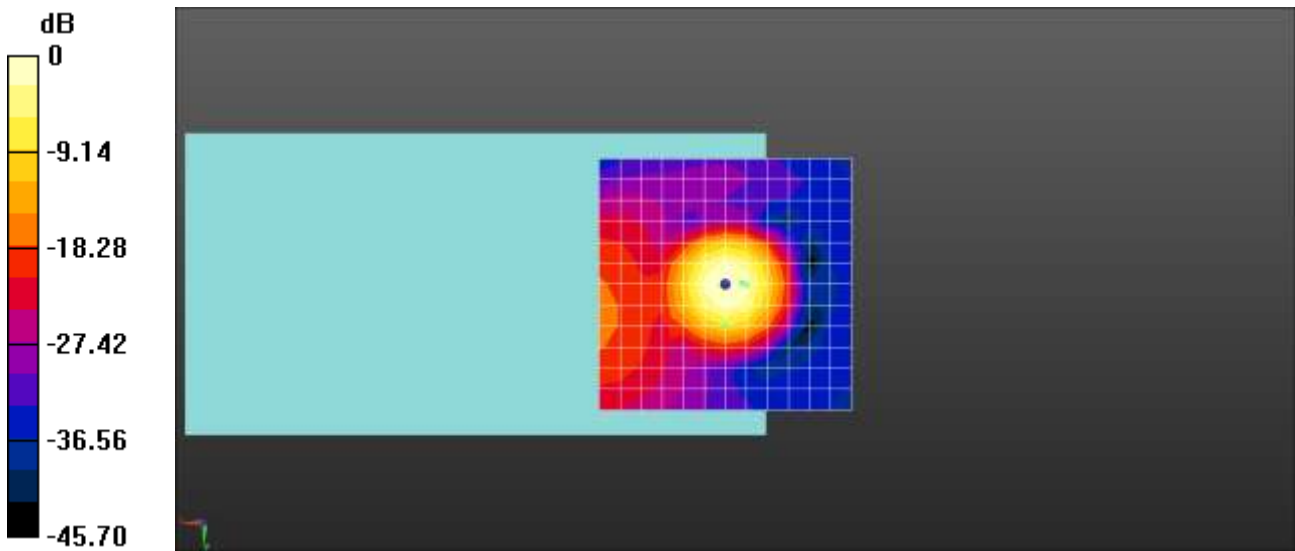
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at
best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 2.00 dB

BWC Factor = 10.79 dB

Location: -3.3, -0.3, 3.7 mm



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

GSM 850 251CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = -1.37 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 = 30.72 dB

ABM1 comp = -1.37 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 = -32.09 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 = -11.24 dBA/m

BWC Factor = 0.15 dB

Location: 0, 12.5, 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 = 25.40 dB

ABM1 comp = -11.24 dBA/m

BWC Factor = 0.15 dB

Location: 0, 12.5, 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 = -36.64 dBA/m

Location: 0, 12.5, 3.7 mm

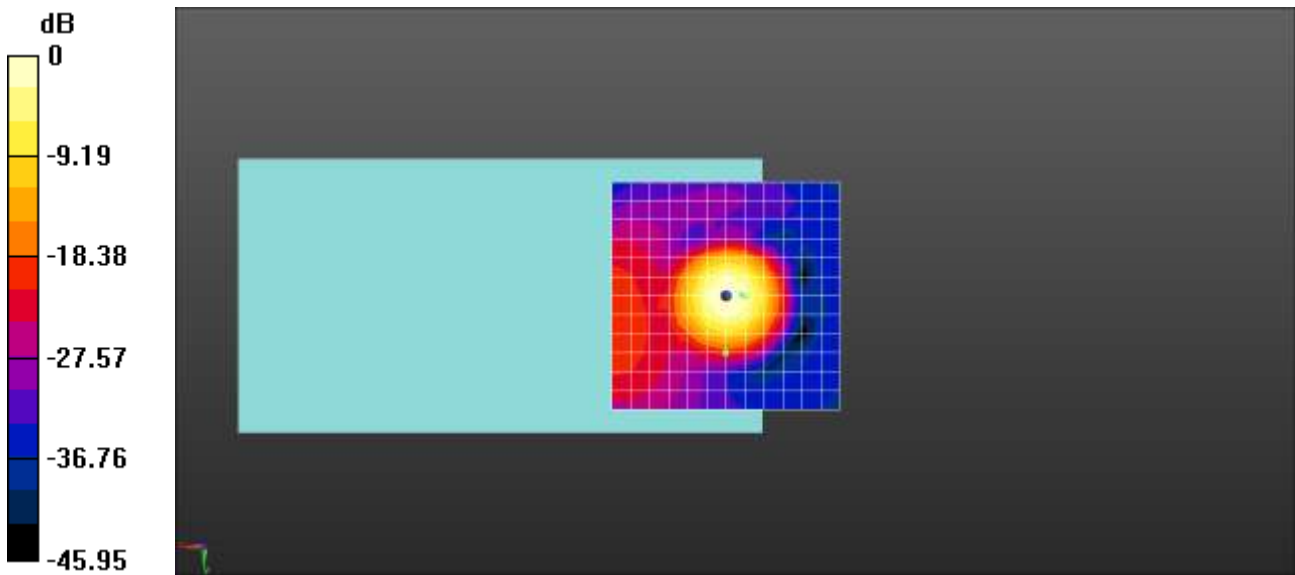
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at
best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 2.00 dB

BWC Factor = 10.79 dB

Location: -3.4, -0.3, 3.7 mm



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

GSM 1900 512CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = -1.44 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 = 35.18 dB
ABM1 comp = -1.44 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 = -36.62 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 = -7.97 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 = 30.25 dB
ABM1 comp = -7.97 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

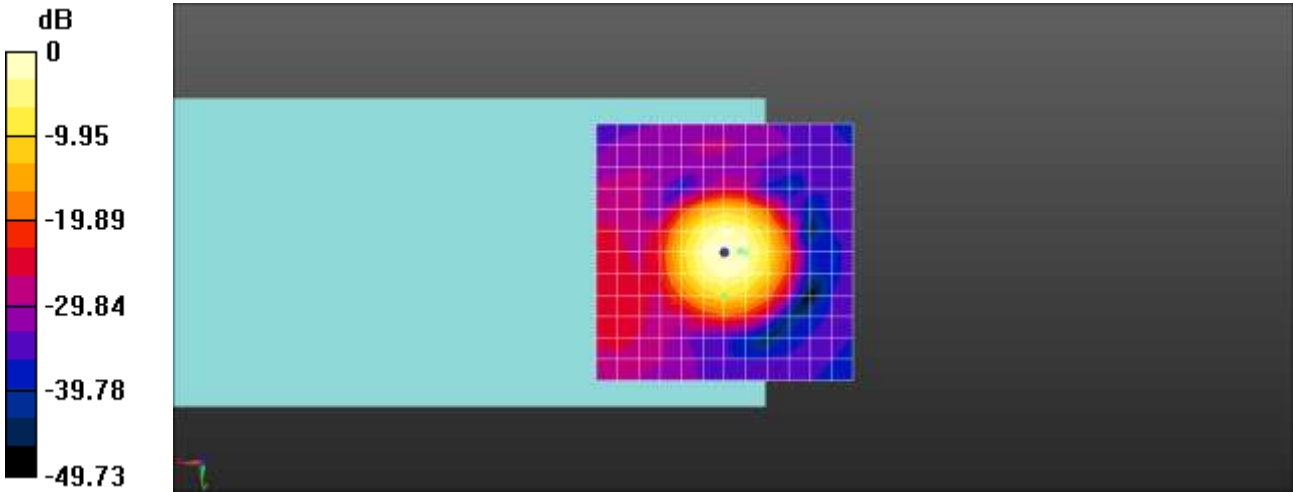
Cursor:

ABM2 = -38.22 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 = 2.00 dB
BWC Factor = 10.79 dB
Location: -3, -0.3, 3.7 mm



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

GSM 1900 661CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = -1.49 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 = 35.42 dB
ABM1 comp = -1.49 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 = -36.92 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 = -7.96 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 = 29.76 dB
ABM1 comp = -7.96 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 = -37.72 dBA/m

Location: 0, 8.3, 3.7 mm

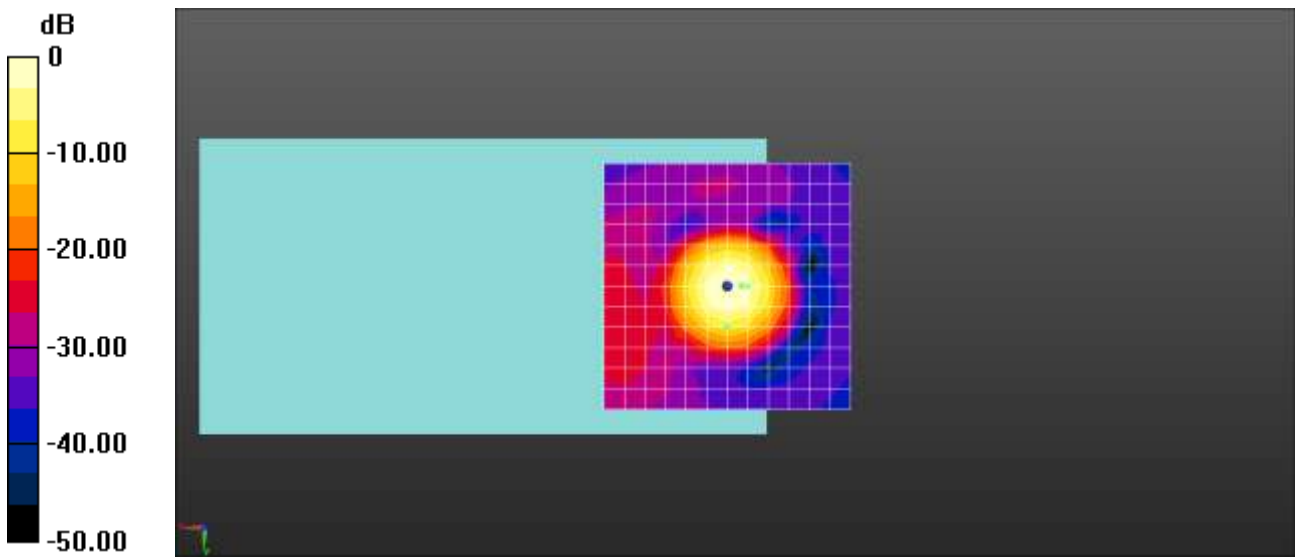
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at
best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 2.00 dB

BWC Factor = 10.79 dB

Location: -3, -0.1, 3.7 mm



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

GSM 1900 810CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = -1.43 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 = 35.28 dB
ABM1 comp = -1.43 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 = -36.71 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 = -7.94 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 = 29.47 dB
ABM1 comp = -7.94 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 = -37.41 dBA/m

Location: 0, 8.3, 3.7 mm

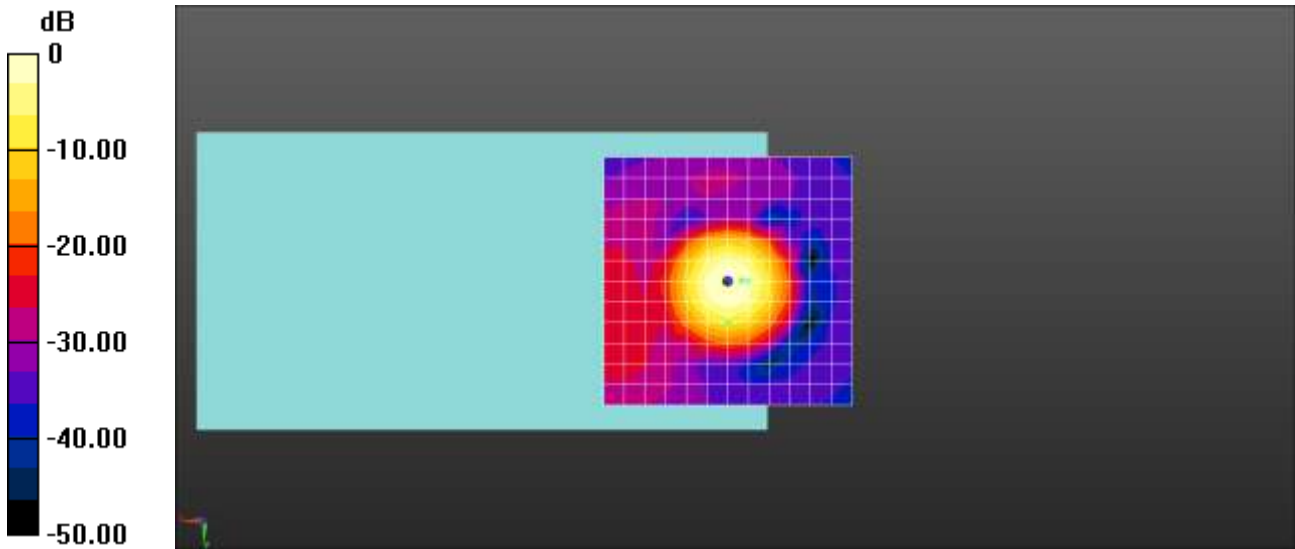
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at
best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 2.00 dB

BWC Factor = 10.80 dB

Location: -2.9, -0.1, 3.7 mm



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

WCDMA 850 4132CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = -1.68 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 = 46.11 dB
ABM1 comp = -1.68 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 = -47.78 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 = -9.58 dBA/m
BWC Factor = 0.15 dB
Location: -4.2, -4.2, 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 = 41.67 dB
ABM1 comp = -9.58 dBA/m
BWC Factor = 0.15 dB
Location: -4.2, -4.2, 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 = -51.25 dBA/m

Location: -4.2, -4.2, 3.7 mm

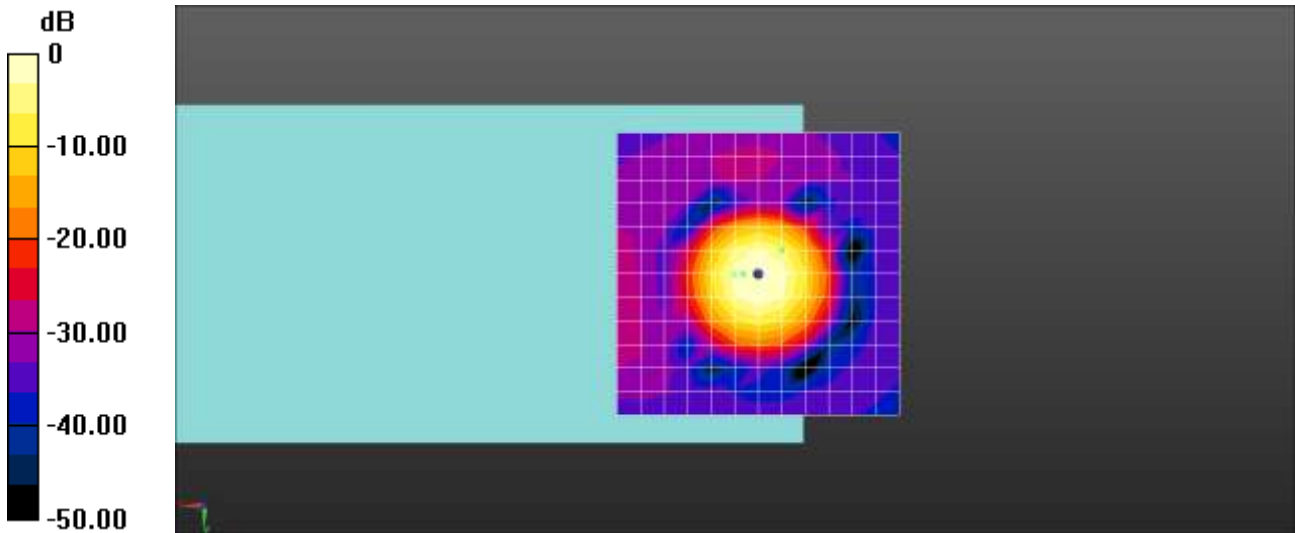
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at
best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 2.00 dB

BWC Factor = 10.79 dB

Location: 2.7, 0, 3.7 mm



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

WCDMA 850 4183CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = 1.45 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 = 45.67 dB
ABM1 comp = 1.45 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 = -44.22 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 = -10.24 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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 = 42.78 dB
ABM1 comp = -10.24 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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 = -53.03 dBA/m

Location: 0, 4.2, 3.7 mm

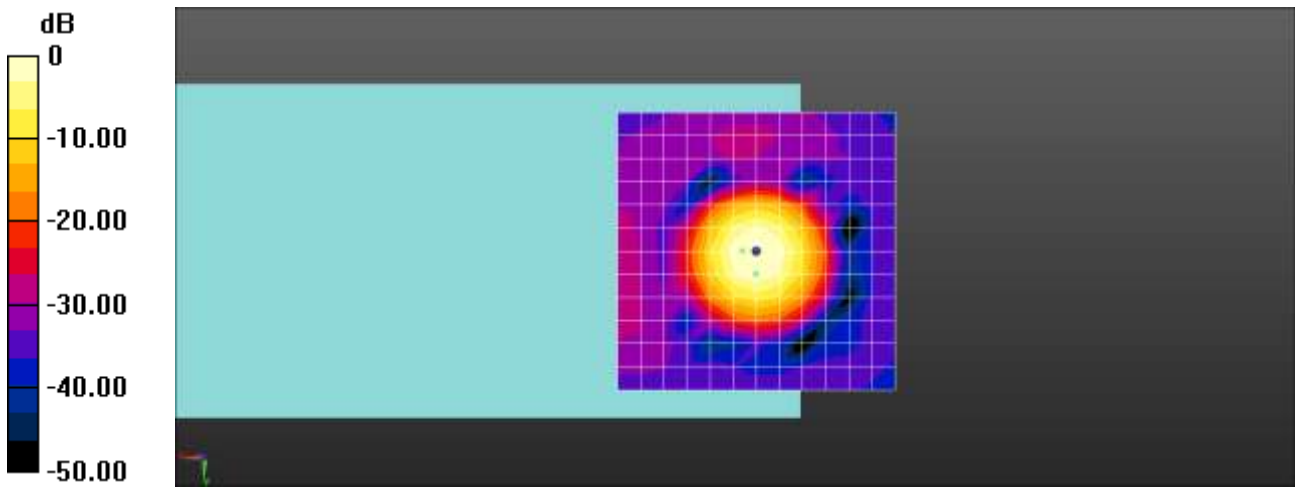
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at
best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 2.00 dB

BWC Factor = 10.79 dB

Location: 2.5, -0.1, 3.7 mm



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

WCDMA 850 4233CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = 1.46 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 = 45.67 dB
ABM1 comp = 1.46 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 = -44.21 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 = -10.31 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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 = 42.31 dB
ABM1 comp = -10.31 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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

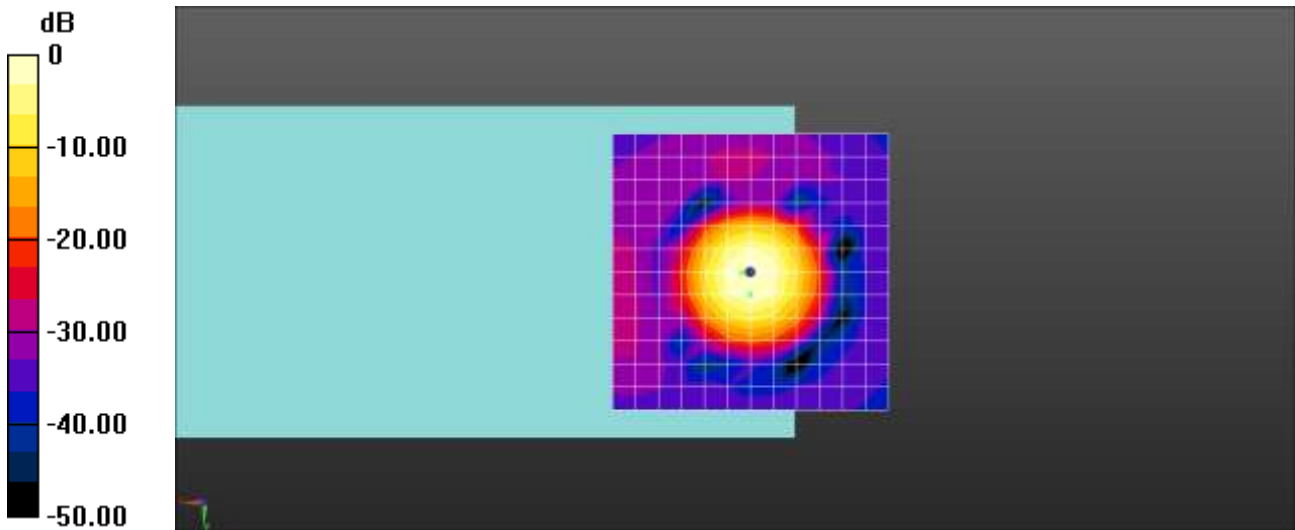
Cursor:

ABM2 = -52.62 dBA/m
Location: 0, 4.2, 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 = 1.16 dB
BWC Factor = 10.79 dB
Location: 1.4, 0.1, 3.7 mm



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

WCDMA 1900 9262CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = 2.05 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 = 45.31 dB
ABM1 comp = 2.05 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 = -43.25 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 = -9.95 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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 = 43.10 dB
ABM1 comp = -9.95 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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

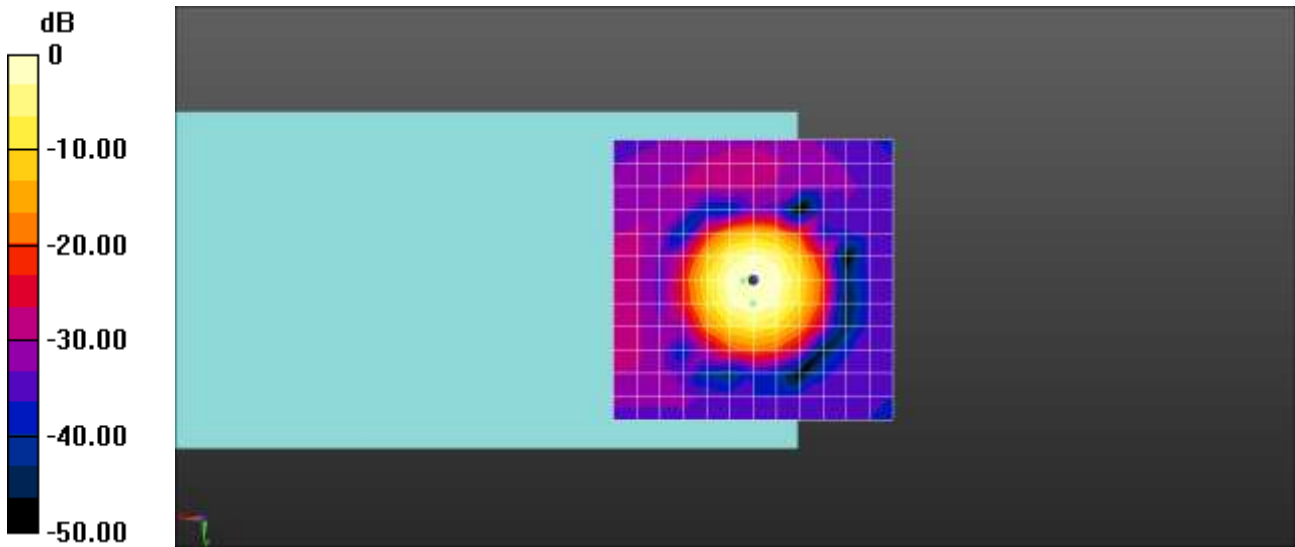
Cursor:

ABM2 = -53.05 dBA/m
Location: 0, 4.2, 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 = 2.00 dB
BWC Factor = 10.79 dB
Location: 1.9, 0.1, 3.7 mm



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

WCDMA 1900 9400CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = 1.91 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 = 45.22 dB
ABM1 comp = 1.91 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 = -43.31 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 = -10.06 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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 = 43.24 dB
ABM1 comp = -10.06 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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

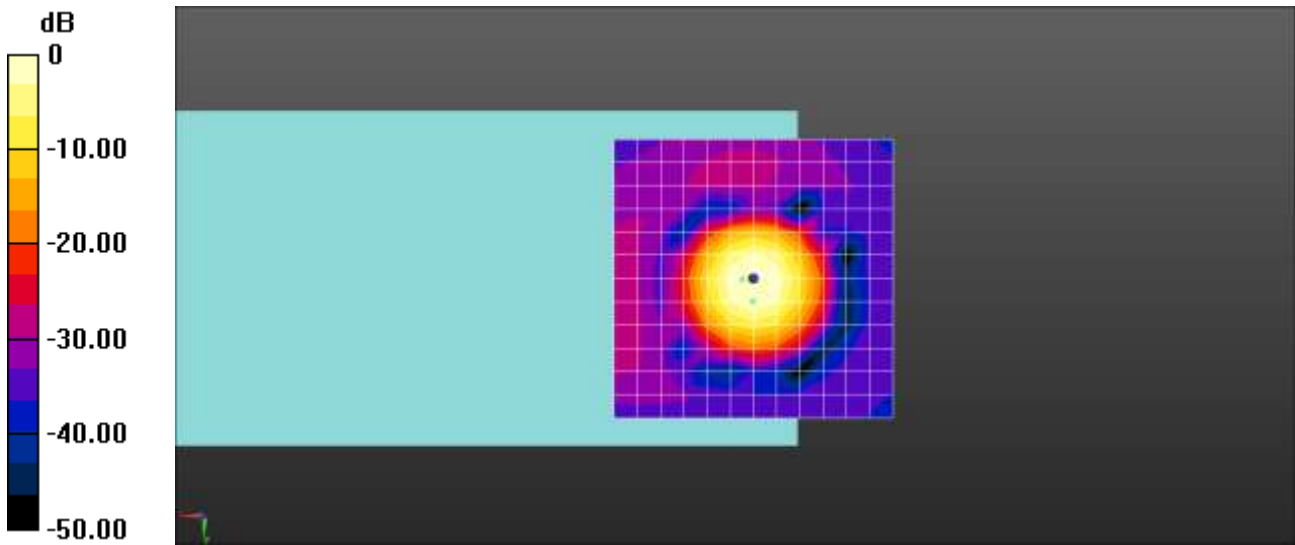
Cursor:

ABM2 = -53.30 dBA/m
Location: 0, 4.2, 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 = 2.00 dB
BWC Factor = 10.79 dB
Location: 1.9, 0.1, 3.7 mm



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

WCDMA 1900 9538 CH

DUT: P6070; Type: Bar; 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/m³
Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV2 - 1013; ; Calibrated: 2006-04-18
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn652; Calibrated: 2013-03-21
- 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 = 1.60 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 = 44.57 dB
ABM1 comp = 1.60 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 = -42.97 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 = -11.34 dBA/m
BWC Factor = 0.15 dB
Location: -4.2, 4.2, 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 = 43.21 dB
ABM1 comp = -11.34 dBA/m
BWC Factor = 0.15 dB
Location: -4.2, 4.2, 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 = -54.55 dBA/m

Location: -4.2, 4.2, 3.7 mm

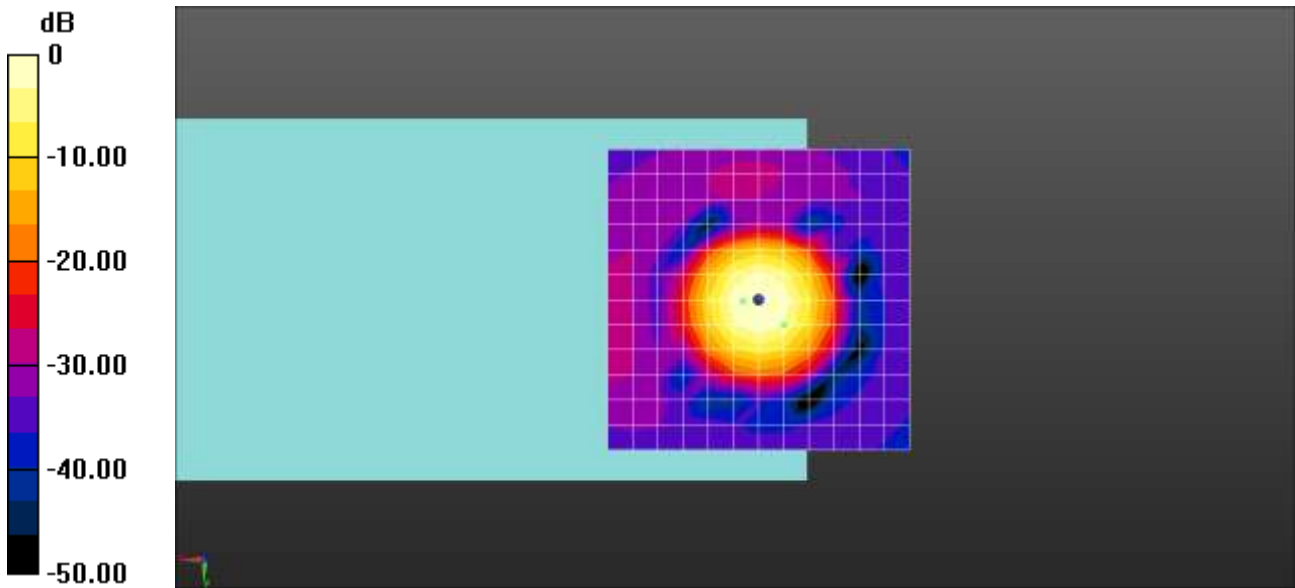
T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at
best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Cursor:

Diff = 2.00 dB

BWC Factor = 10.79 dB

Location: 2.5, 0.3, 3.7 mm



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