Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.33 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 12.36 dBA/m
BWC Factor = 0.33 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.33 dB
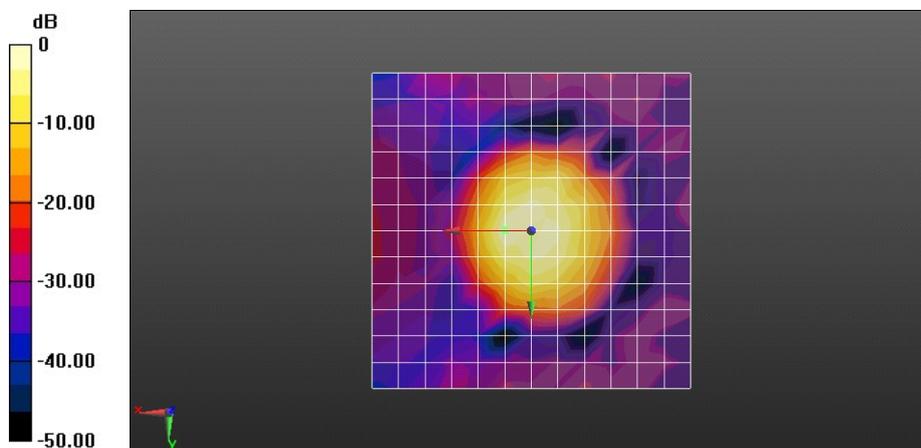Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.77 dB
ABM1 comp = 12.36 dBA/m
BWC Factor = 0.33 dB
Location: 4.2, 0, 3.7 mm

0 dB = 4.148 A/m = 12.36 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.33 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 4.04 dBA/m
BWC Factor = 0.33 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
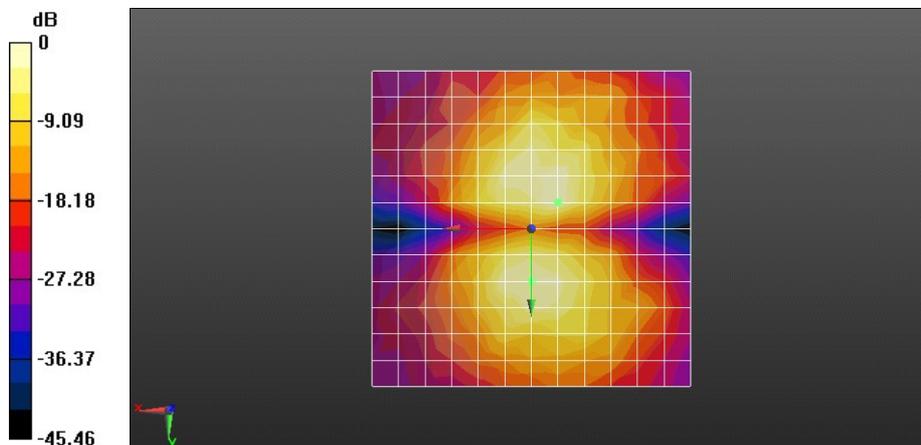BWC applied: 0.33 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.11 dB
ABM1 comp = 3.07 dBA/m
BWC Factor = 0.33 dB
Location: -4.2, -4.2, 3.7 mm

0 dB = 1.593 A/m = 4.04 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM Signal (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.33 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 7.03 dBA/m
BWC Factor = 0.33 dB
Location: -8.3, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.33 dB
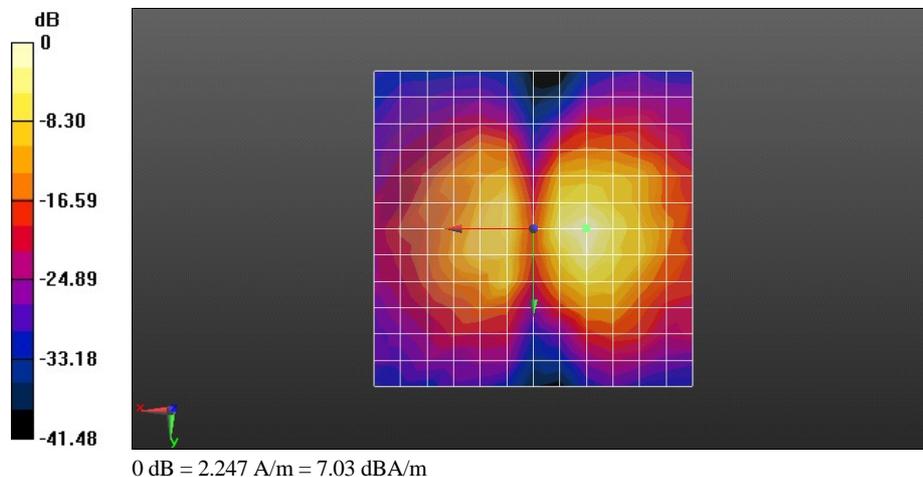Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 30.71 dB
ABM1 comp = 7.03 dBA/m
BWC Factor = 0.33 dB
Location: -8.3, 0, 3.7 mm

0 dB = 2.247 A/m = 7.03 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Signal(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.97 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.20 dBA/m
BWC Factor = 10.97 dB
Location: 4.2, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.97 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 27.47 dB
ABM1 comp = 5.20 dBA/m
BWC Factor = 10.97 dB
Location: 4.2, 0, 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
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
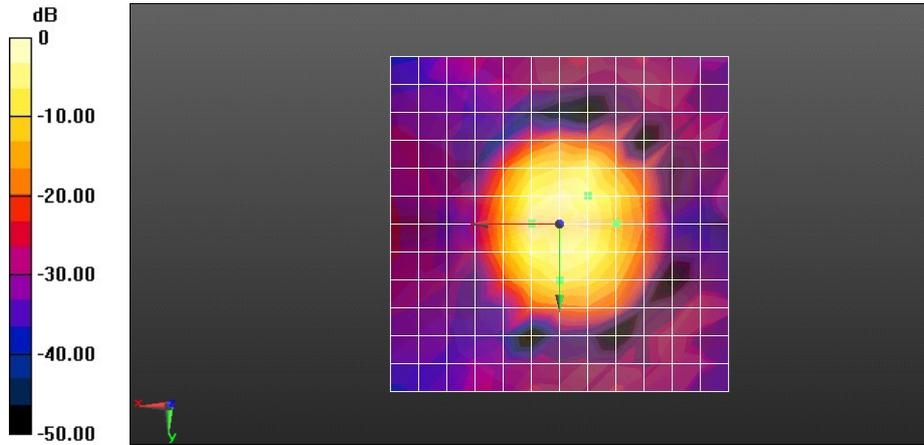Measure Window Length: 2000ms
BWC applied: 10.97 dB
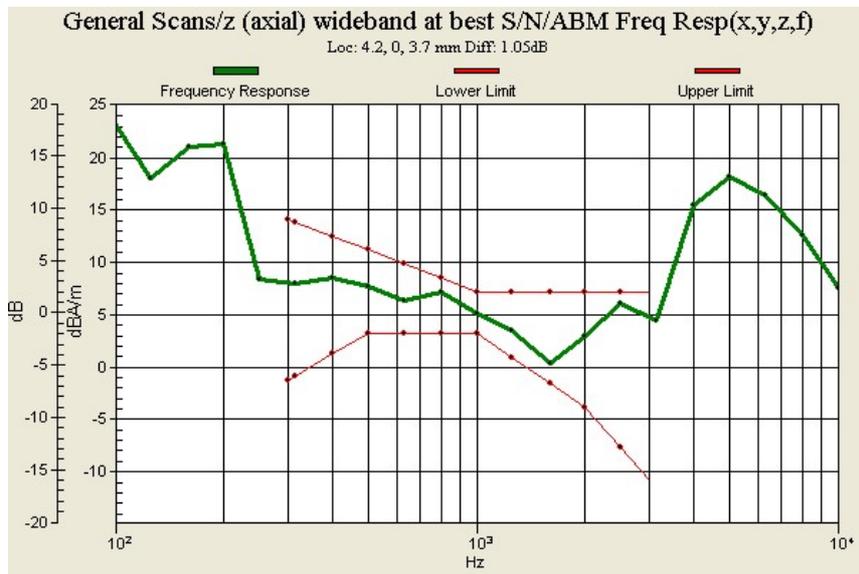Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.05 dB
BWC Factor = 10.97 dB
Location: 4.2, 0, 3.7 mm

0 dB = 4.148 A/m = 12.36 dBA/m

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.2, 0, 3.7 mm Diff: 1.05dB

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 1.94 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 14.19 dBA/m
BWC Factor = 1.94 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 1.94 dB
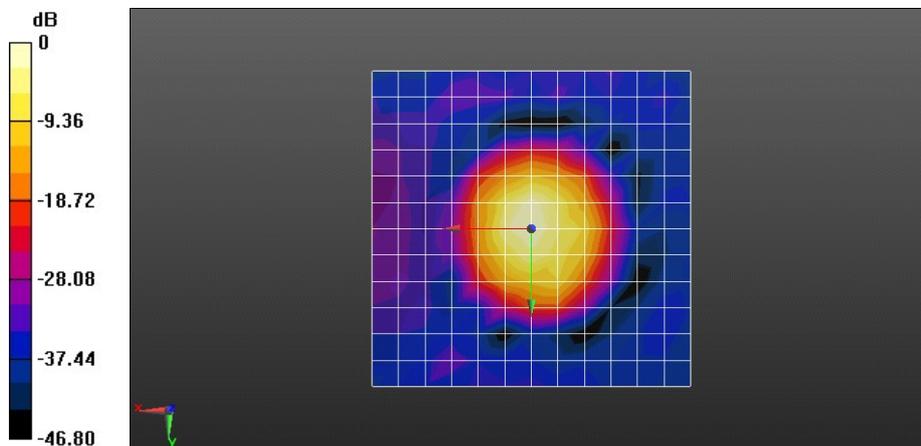Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.08 dB
ABM1 comp = 14.19 dBA/m
BWC Factor = 1.94 dB
Location: 0, 0, 3.7 mm

0 dB = 5.125 A/m = 14.19 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 1.94 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.51 dBA/m
BWC Factor = 1.94 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
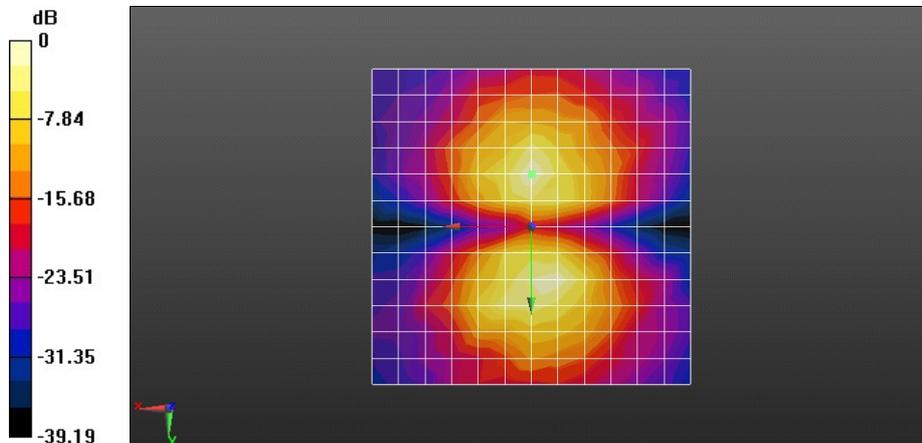BWC applied: 1.94 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 30.36 dB
ABM1 comp = 6.51 dBA/m
BWC Factor = 1.94 dB
Location: 0, -8.3, 3.7 mm

0 dB = 2.117 A/m = 6.51 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM Signal (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 1.94 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 4.91 dBA/m
BWC Factor = 1.94 dB
Location: 8.3, -4.2, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 1.94 dB
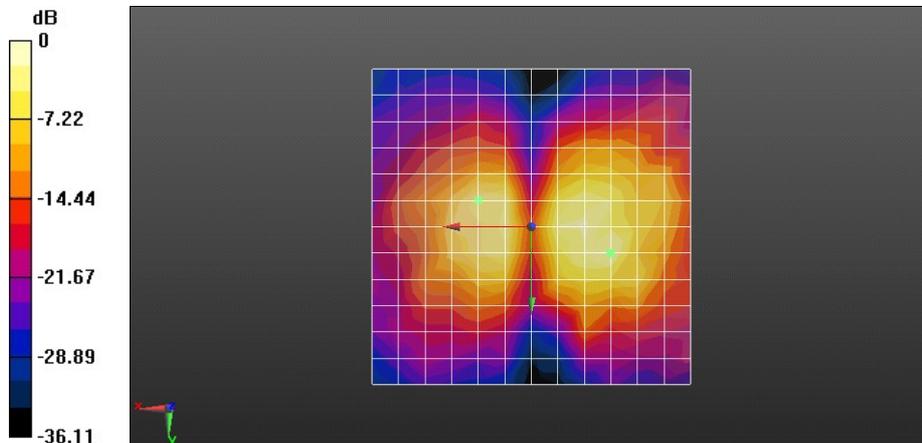Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 28.69 dB
ABM1 comp = 2.79 dBA/m
BWC Factor = 1.94 dB
Location: -12.5, 4.2, 3.7 mm

0 dB = 1.761 A/m = 4.91 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 1#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Signal(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 12.33 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 9.44 dBA/m
BWC Factor = 12.33 dB
Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 12.33 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 29.82 dB
ABM1 comp = 9.44 dBA/m
BWC Factor = 12.33 dB
Location: 0, 0, 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
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
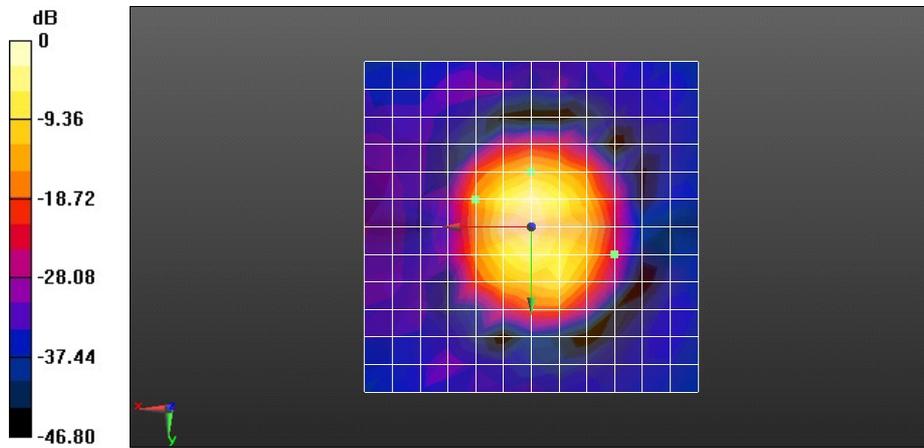Measure Window Length: 2000ms
BWC applied: 12.33 dB
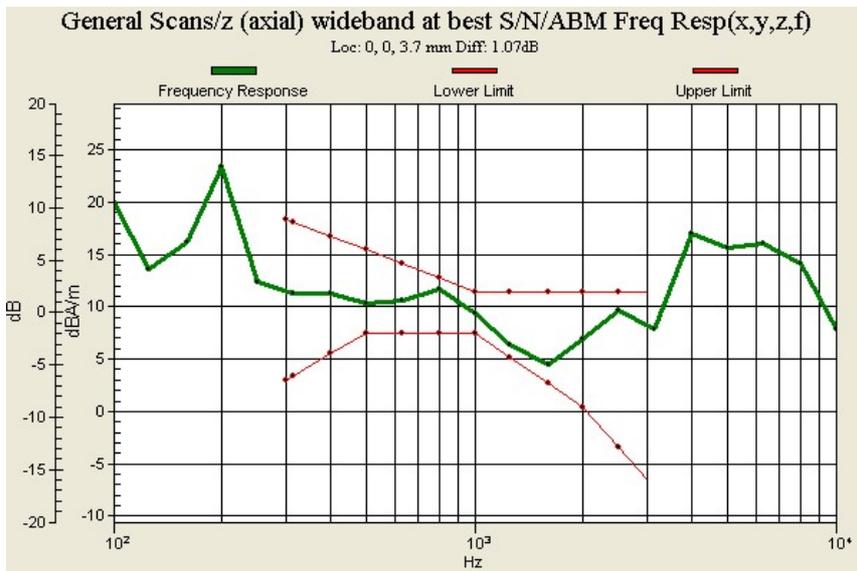Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.07 dB
BWC Factor = 12.33 dB
Location: 0, 0, 3.7 mm

0 dB = 5.125 A/m = 14.19 dBA/m

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 1.07dB

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.20 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 13.23 dBA/m
BWC Factor = 0.20 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.20 dB
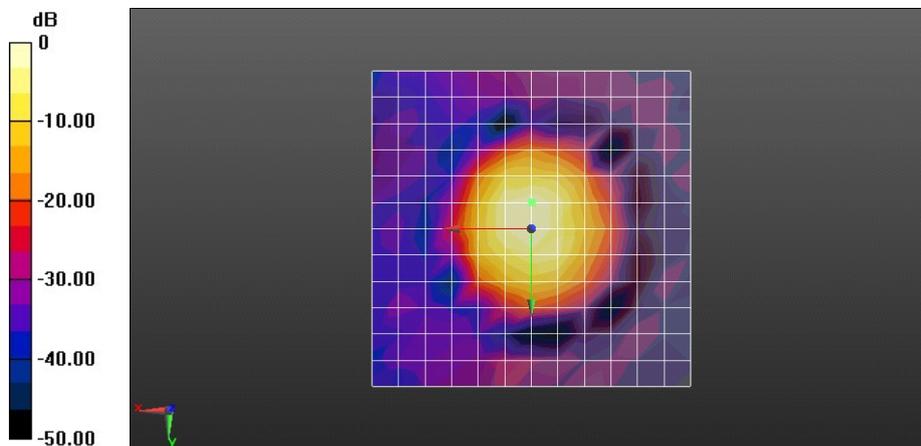Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.42 dB
ABM1 comp = 12.85 dBA/m
BWC Factor = 0.20 dB
Location: 0, -4.2, 3.7 mm

0 dB = 4.585 A/m = 13.23 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.20 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.45 dBA/m
BWC Factor = 0.20 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.20 dB
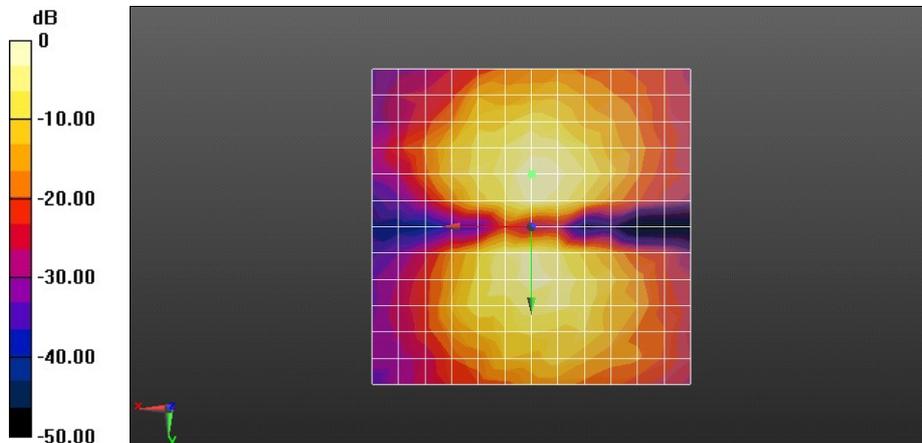Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.32 dB
ABM1 comp = 5.45 dBA/m
BWC Factor = 0.20 dB
Location: 0, -8.3, 3.7 mm

0 dB = 1.873 A/m = 5.45 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM Signal (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.20 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 4.05 dBA/m
BWC Factor = 0.20 dB
Location: 4.2, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.20 dB
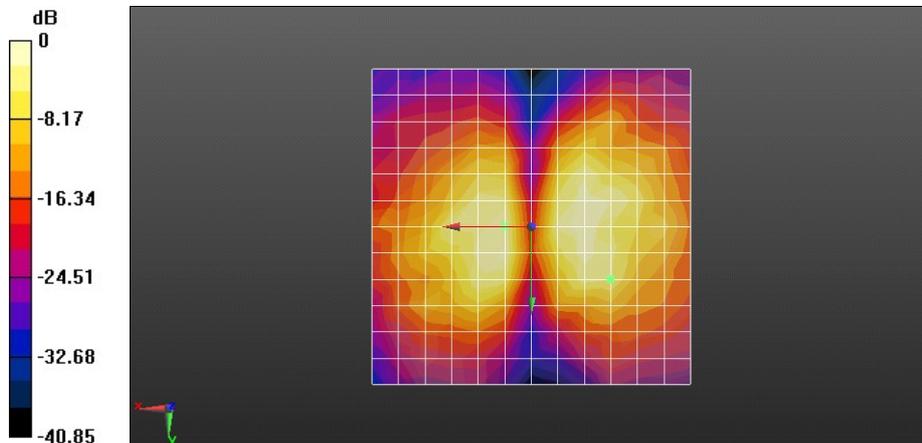Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 32.82 dB
ABM1 comp = -1.16 dBA/m
BWC Factor = 0.20 dB
Location: -12.5, 8.3, 3.7 mm

0 dB = 1.594 A/m = 4.05 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC0-RC1 SO3-384CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Signal(x,y,z)
(1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.84 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 7.28 dBA/m
BWC Factor = 10.84 dB
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 SNR(x,y,z)
(1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.84 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 29.11 dB
ABM1 comp = 7.28 dBA/m
BWC Factor = 10.84 dB
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
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
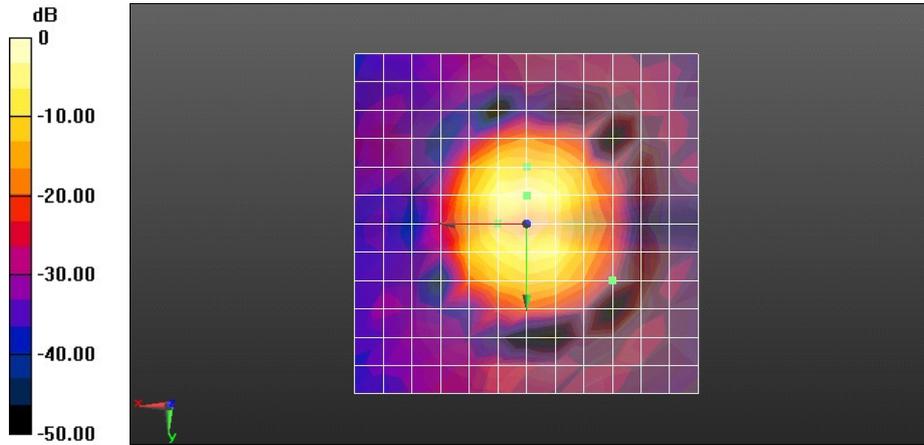Measure Window Length: 2000ms
BWC applied: 10.84 dB
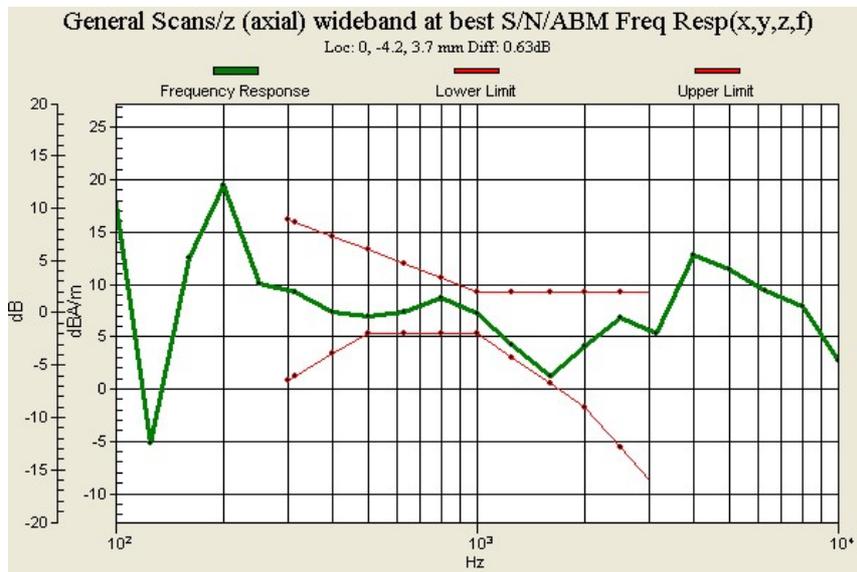Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 0.63 dB
BWC Factor = 10.84 dB
Location: 0, -4.2, 3.7 mm

0 dB = 4.585 A/m = 13.23 dBA/m

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, -4.2, 3.7 mm Diff: 0.63dB

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.25 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 15.92 dBA/m
BWC Factor = 0.25 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.25 dB
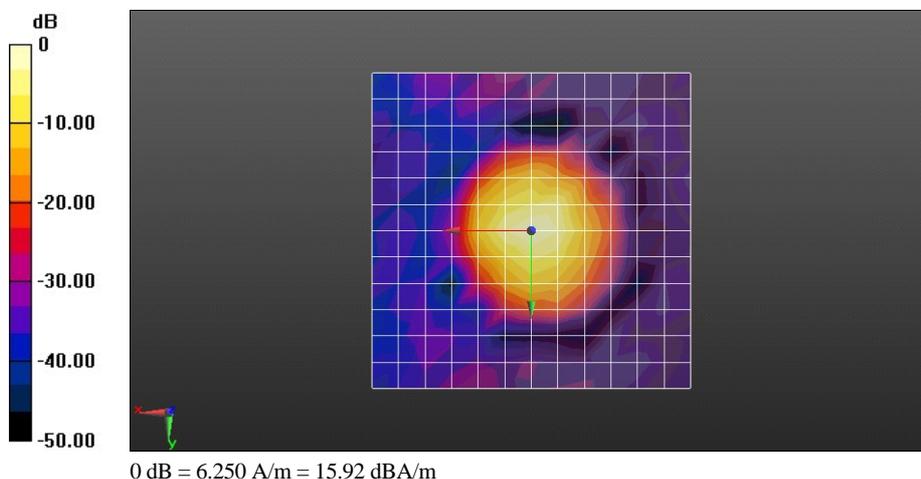Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 35.51 dB
ABM1 comp = 15.92 dBA/m
BWC Factor = 0.25 dB
Location: 0, 0, 3.7 mm

0 dB = 6.250 A/m = 15.92 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.25 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 3.10 dBA/m
BWC Factor = 0.25 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
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
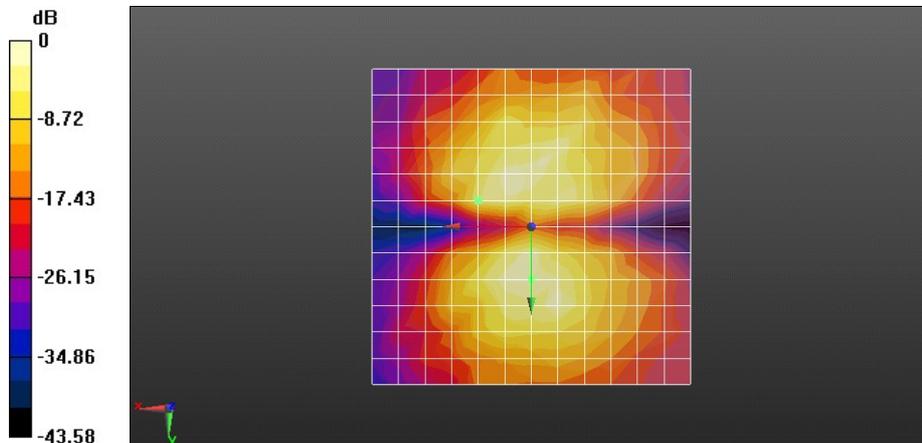BWC applied: 0.25 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.68 dB
ABM1 comp = -3.10 dBA/m
BWC Factor = 0.25 dB
Location: 8.3, -4.2, 3.7 mm

0 dB = 1.428 A/m = 3.10 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM Signal (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.25 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.54 dBA/m
BWC Factor = 0.25 dB
Location: -8.3, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/x (longitudinal) (2007) 4.2mm 50 x 50/ABM SNR (x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 30.34
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.25 dB
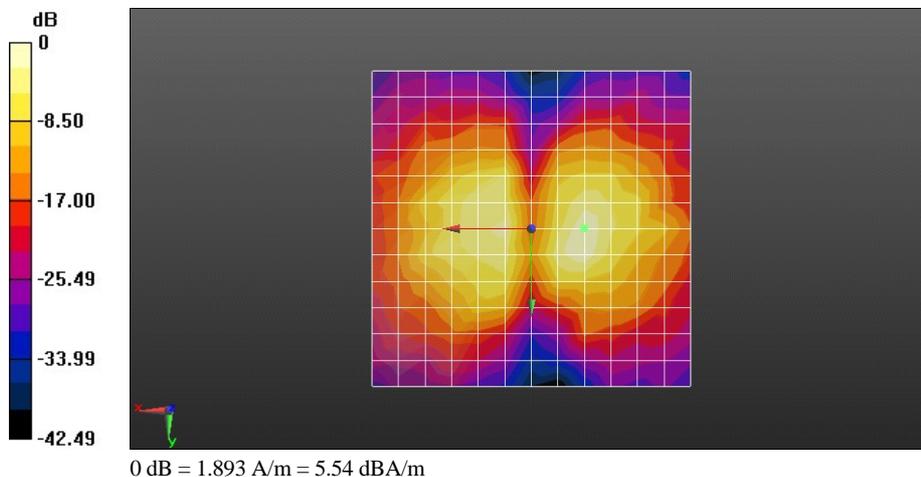Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 27.69 dB
ABM1 comp = 5.54 dBA/m
BWC Factor = 0.25 dB
Location: -8.3, 0, 3.7 mm

0 dB = 1.893 A/m = 5.54 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

H110C-HAC(T-Coil)_CDMA BC1-RC1 SO3-600CH with battery 2#

DUT: H110C; Type: cdma2000 Mobile Phone; Serial: SAR1

Communication System: HW-CDMA 2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2013-1-10
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn1305; Calibrated: 2013-1-8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Signal(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.89 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 9.30 dBA/m
BWC Factor = 10.89 dB
Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2007 & 2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.89 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 28.75 dB
ABM1 comp = 9.30 dBA/m
BWC Factor = 10.89 dB
Location: 0, 0, 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
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 59.41
Measure Window Start: 300ms
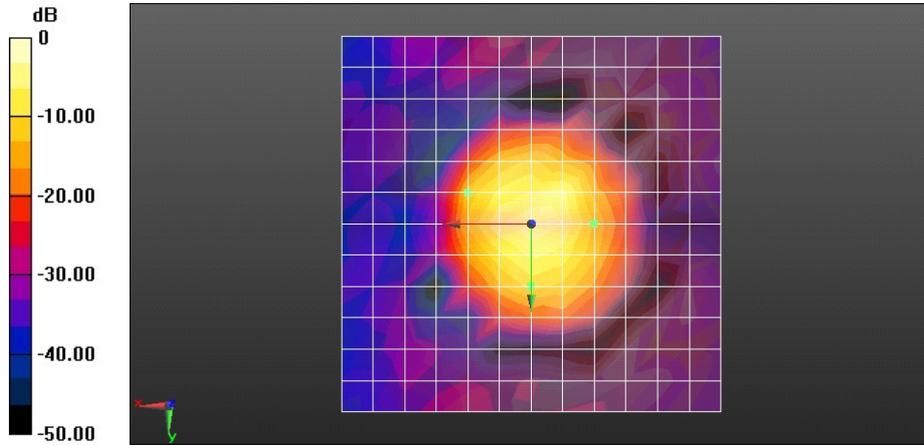Measure Window Length: 2000ms
BWC applied: 10.89 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 0.60 dB
BWC Factor = 10.89 dB
Location: 0, 0, 3.7 mm

0 dB = 6.250 A/m = 15.92 dBA/m

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 0, 0, 3.7 mm Diff: 0.6dB