



Appendix A. SAR Measurement Plots

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T-Coil Measurement plots of GSM850
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Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-GSM850-190CH-1

DUT: H1611; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -1.13 dBA/m

BWC Factor = 0.09 dB

Location: 0, 8.3, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

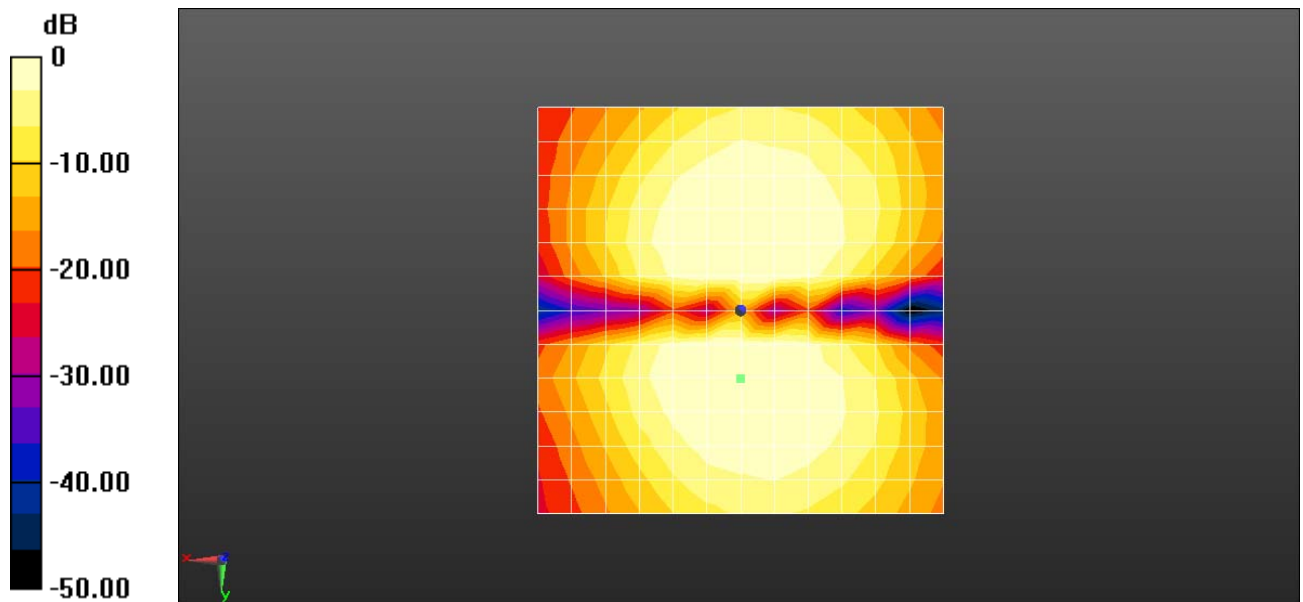
Cursor:

ABM1/ABM2 = 37.39 dB

ABM1 comp = -1.13 dBA/m

BWC Factor = 0.09 dB

Location: 0, 8.3, 3.7 mm



0 dB = 0.8778 A/m = -1.13 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-GSM850-190CH-2

DUT: H1611; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ζ Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 6.92 dBA/m

BWC Factor = 0.09 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

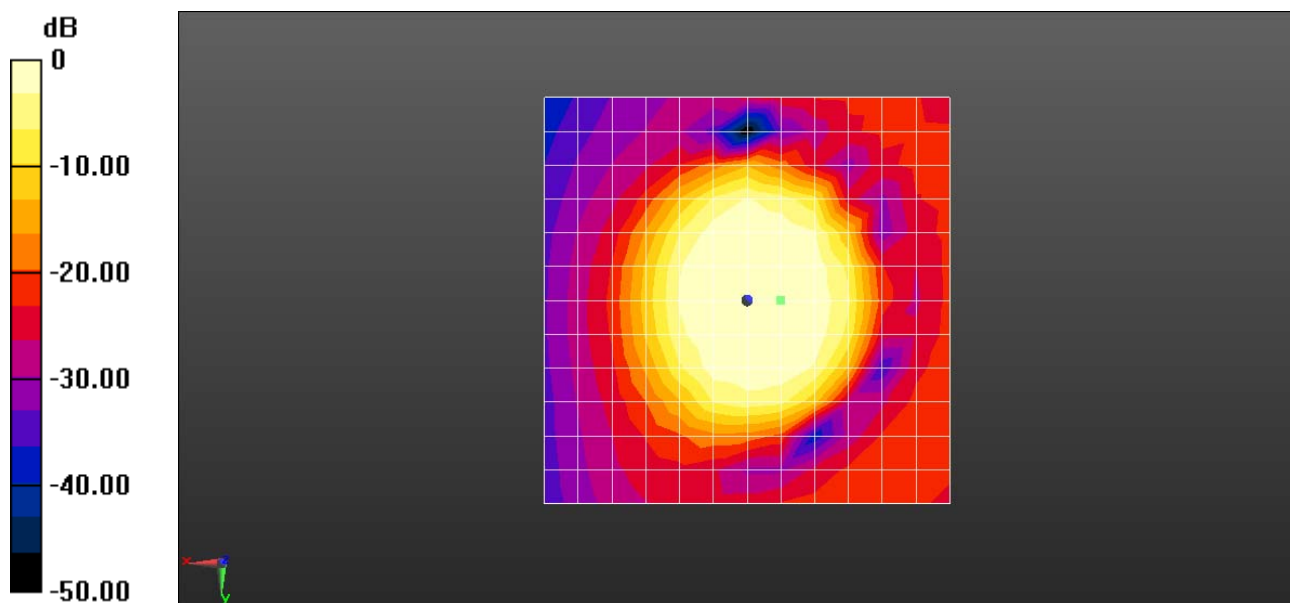
Cursor:

ABM1/ABM2 = 37.59 dB

ABM1 comp = 4.21 dBA/m

BWC Factor = 0.09 dB

Location: -4.2, 0, 3.7 mm



0 dB = 2.219 A/m = 6.92 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-GSM850-190CH-3

DUT: H1611; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM/GPRS/EGPRS-1TS (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.72 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 2.74 dBA/m

BWC Factor = 10.72 dB

Location: -4.2, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.72 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 35.86 dB

ABM1 comp = 2.74 dBA/m

BWC Factor = 10.72 dB

Location: -4.2, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.72 dB

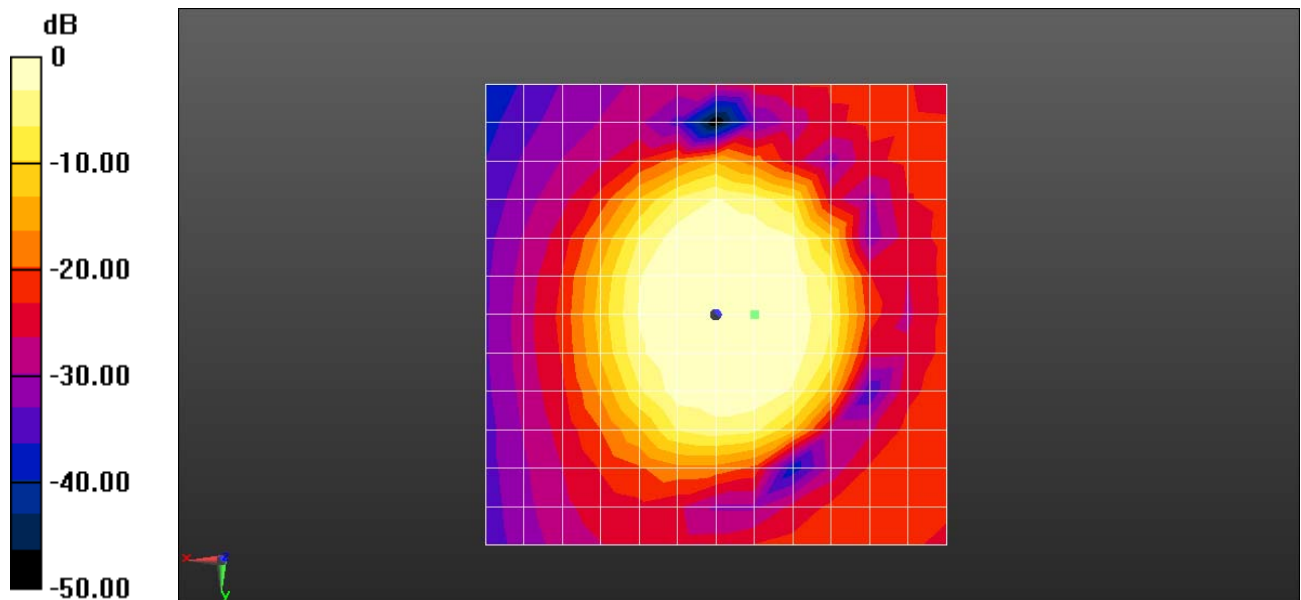
Device Reference Point: 0, 0, -6.3 mm

Cursor:

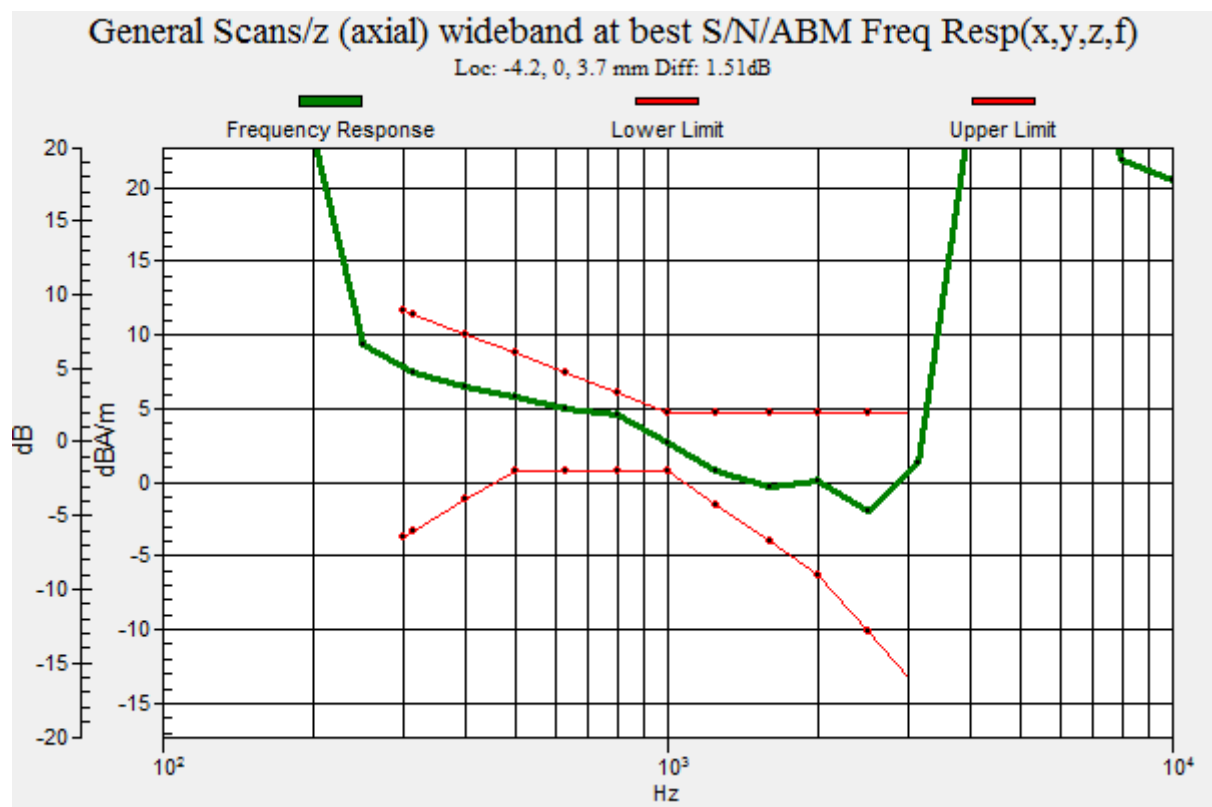
Diff = 1.51 dB

BWC Factor = 10.72 dB

Location: -4.2, 0, 3.7 mm



0 dB = 2.219 A/m = 6.92 dBA/m



Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-GSM1900-661CH-1

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -1.22 dBA/m

BWC Factor = 0.09 dB

Location: 0, 8.3, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

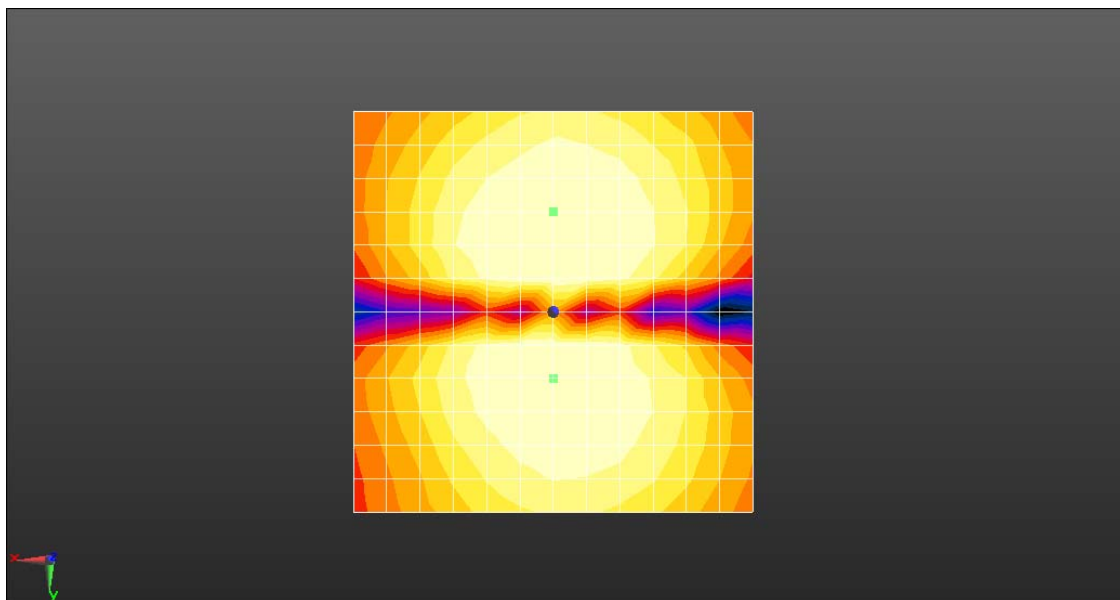
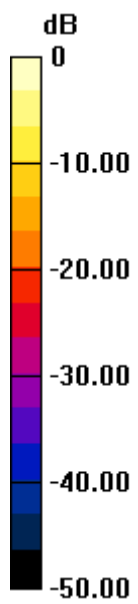
Cursor:

ABM1/ABM2 = 37.49 dB

ABM1 comp = -2.52 dBA/m

BWC Factor = 0.09 dB

Location: 0, -12.5, 3.7 mm



0 dB = 0.8687 A/m = -1.22 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-GSM1900-661CH-2

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ζ Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 6.81 dBA/m

BWC Factor = 0.09 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.09 dB

Device Reference Point: 0, 0, -6.3 mm

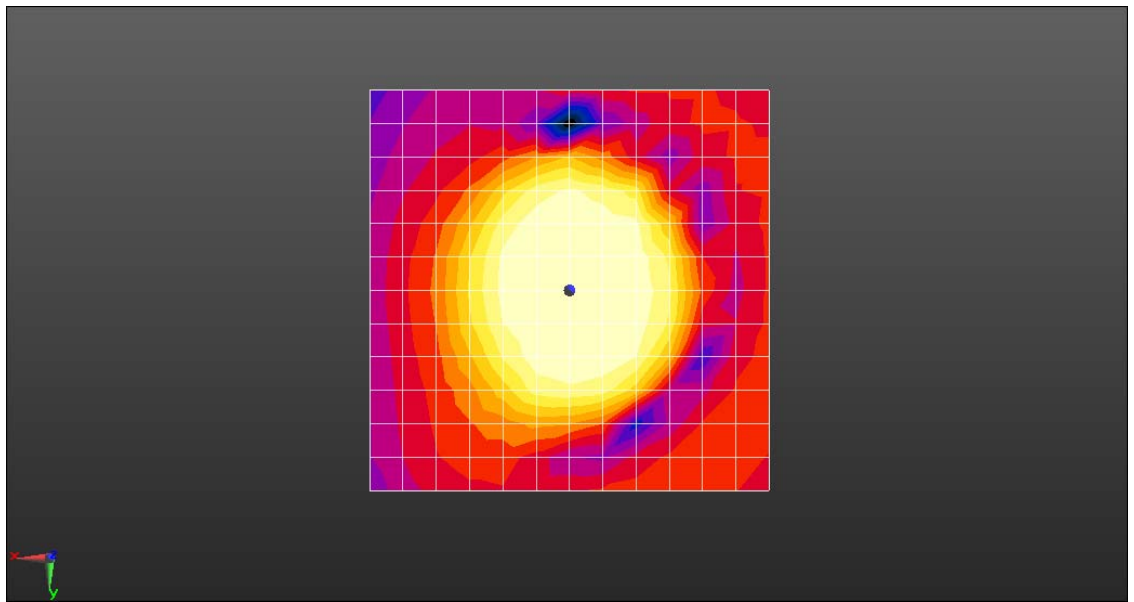
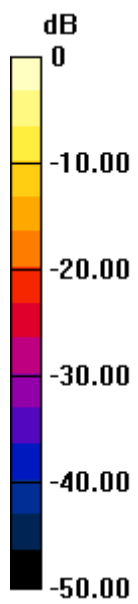
Cursor:

ABM1/ABM2 = 37.65 dB

ABM1 comp = 6.81 dBA/m

BWC Factor = 0.09 dB

Location: 0, 0, 3.7 mm



0 dB = 2.190 A/m = 6.81 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-GSM1900-661CH-3

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16;
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.72 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 4.82 dBA/m

BWC Factor = 10.72 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.72 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 35.72 dB

ABM1 comp = 4.82 dBA/m

BWC Factor = 10.72 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.72 dB

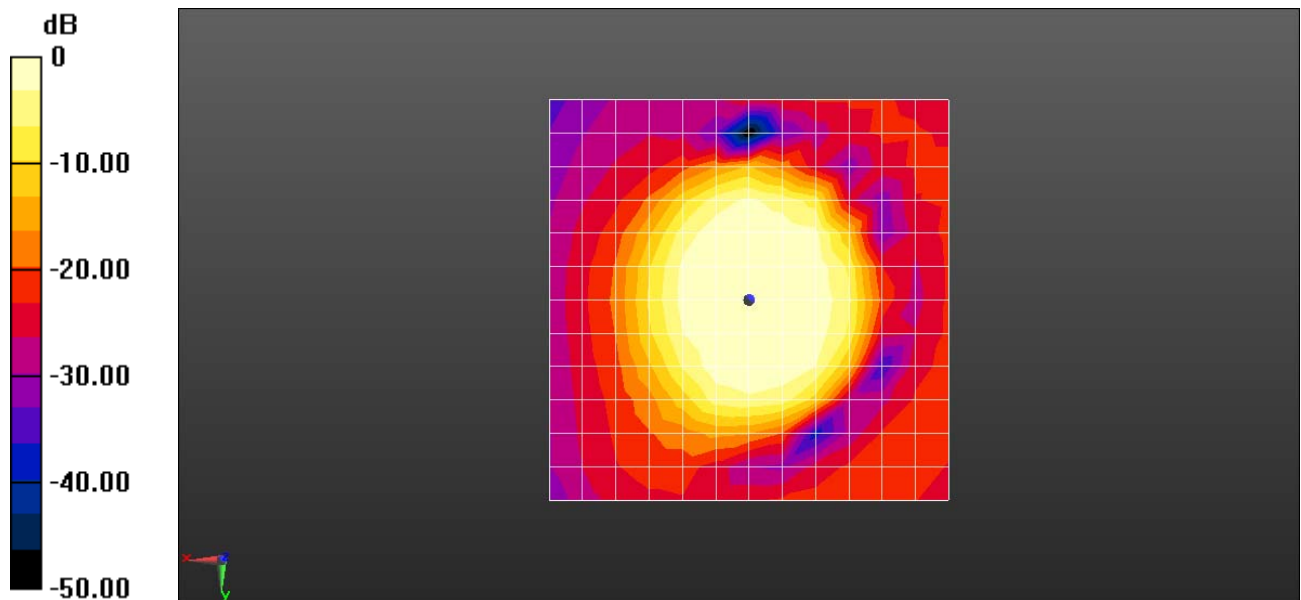
Device Reference Point: 0, 0, -6.3 mm

Cursor:

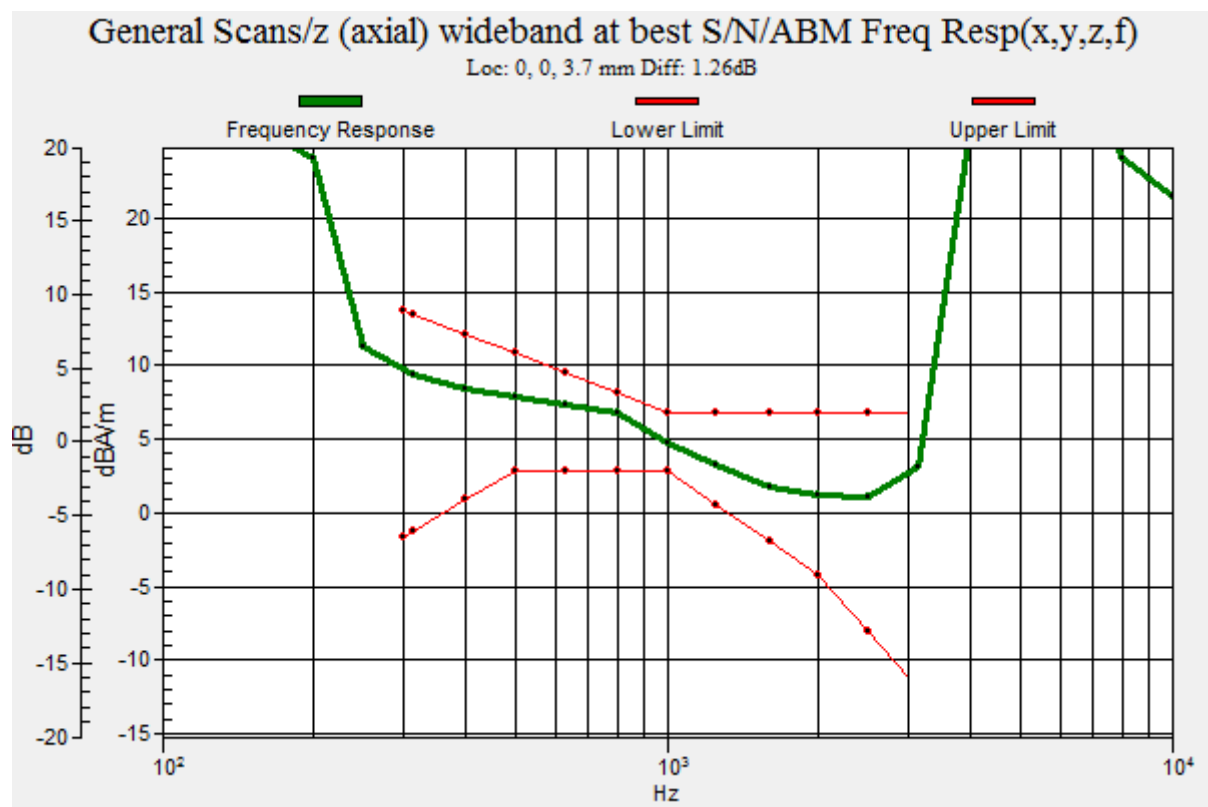
Diff = 1.26 dB

BWC Factor = 10.72 dB

Location: 0, 0, 3.7 mm



0 dB = 2.190 A/m = 6.81 dBA/m



Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-UMTS Band II-9400CH-1

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16;
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -0.87 dBA/m

BWC Factor = 0.14 dB

Location: 0, 8.3, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

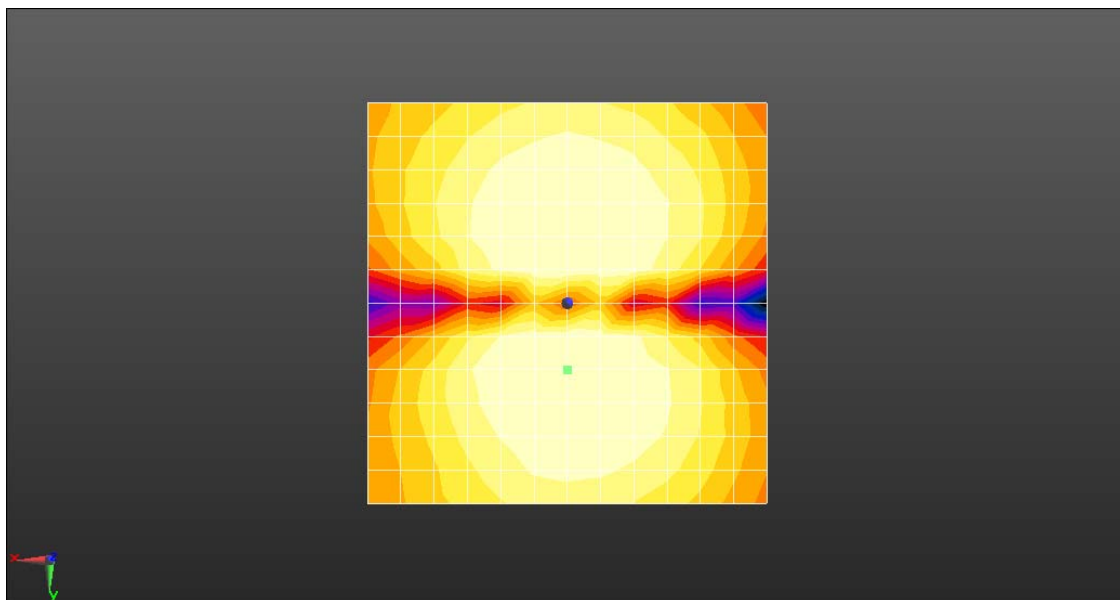
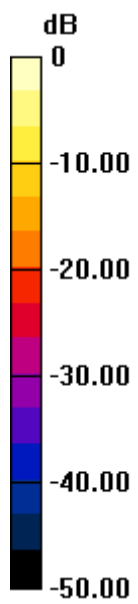
Cursor:

ABM1/ABM2 = 35.97 dB

ABM1 comp = -0.87 dBA/m

BWC Factor = 0.14 dB

Location: 0, 8.3, 3.7 mm



0 dB = 0.9048 A/m = -0.87 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-UMTS Band II-9400CH-2

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16;
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 7.56 dBA/m

BWC Factor = 0.14 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

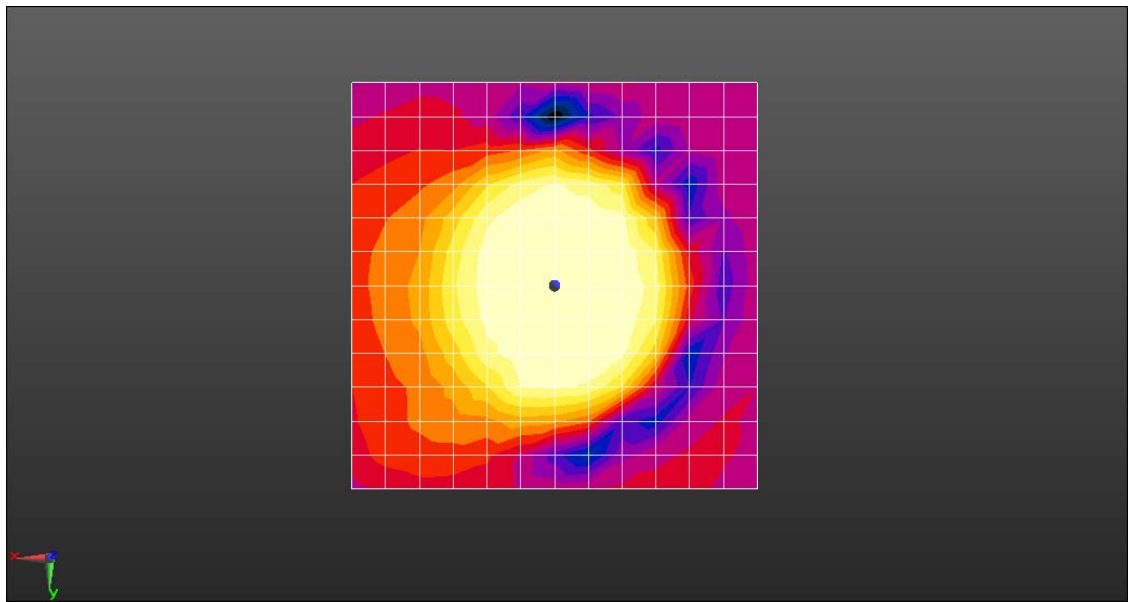
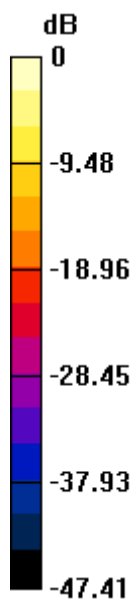
Cursor:

ABM1/ABM2 = 36.32 dB

ABM1 comp = 7.56 dBA/m

BWC Factor = 0.14 dB

Location: 0, 0, 3.7 mm



0 dB = 2.387 A/m = 7.56 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-UMTS Band II-9400CH-3

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (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

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16;
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.78 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 4.93 dBA/m

BWC Factor = 10.78 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.78 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 33.77 dB

ABM1 comp = 4.93 dBA/m

BWC Factor = 10.78 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.78 dB

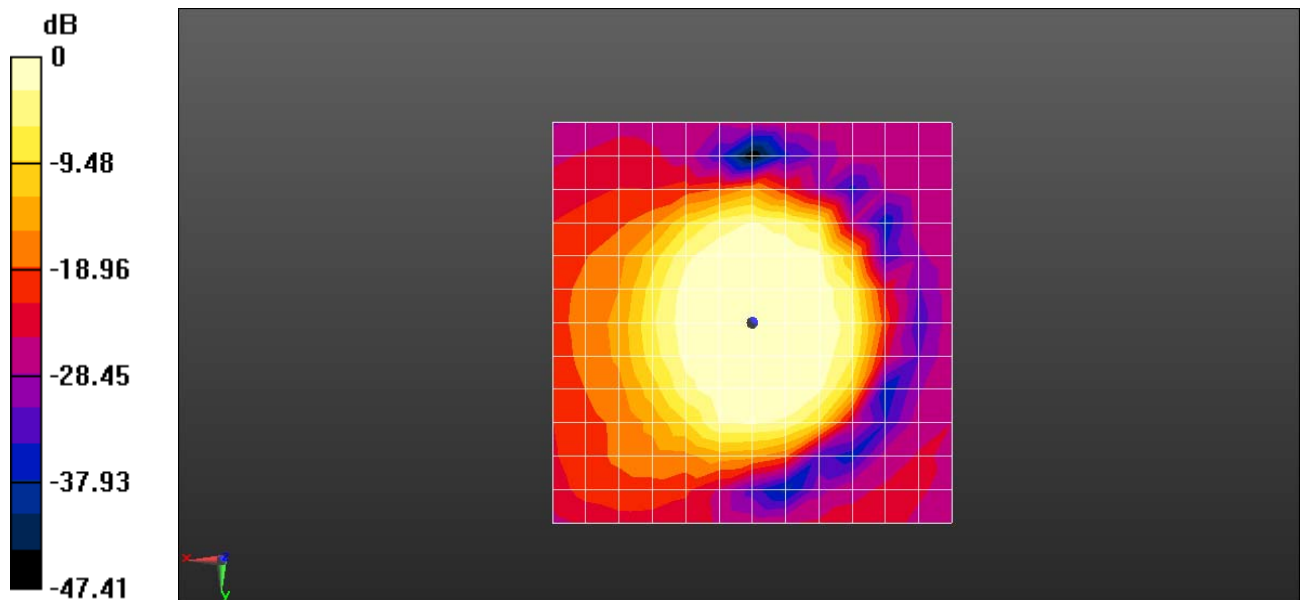
Device Reference Point: 0, 0, -6.3 mm

Cursor:

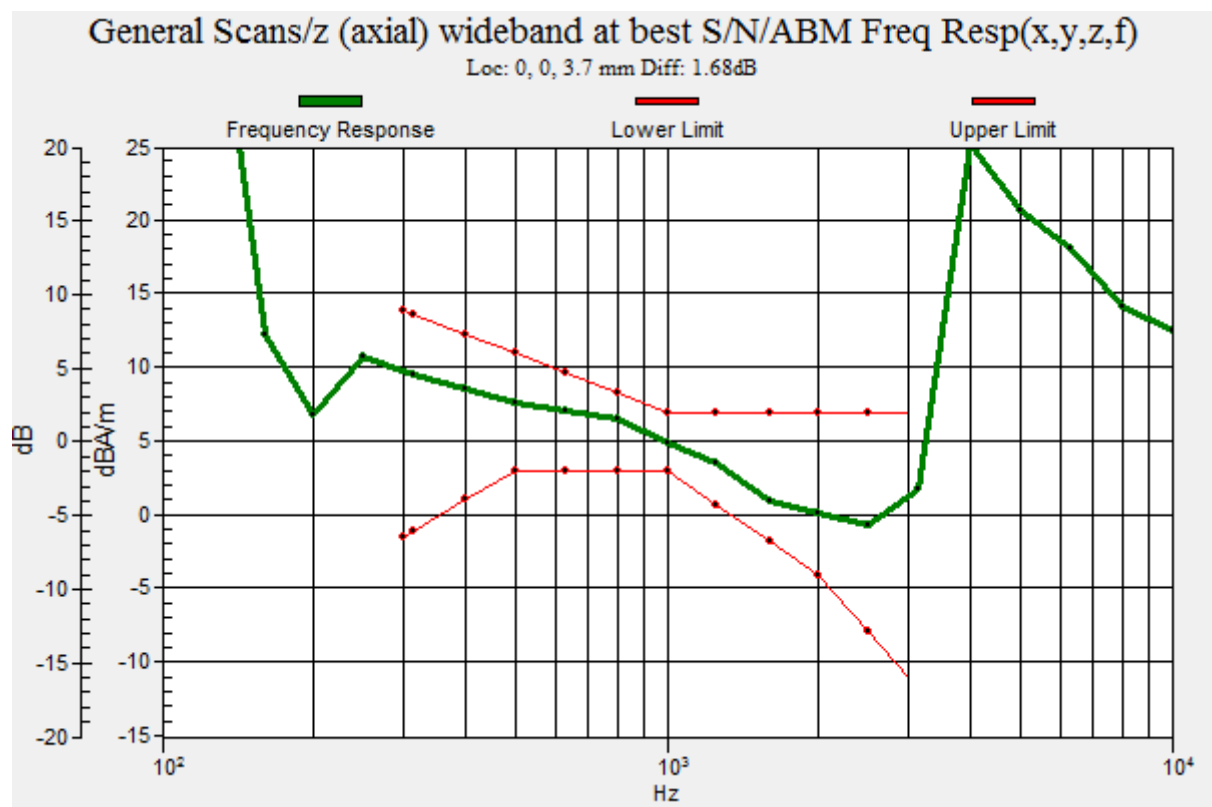
Diff = 1.68 dB

BWC Factor = 10.78 dB

Location: 0, 0, 3.7 mm



0 dB = 2.387 A/m = 7.56 dBA/m



Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-UMTS Band V-4182CH-1

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: TCoil Section

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16;
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -0.77 dBA/m

BWC Factor = 0.14 dB

Location: 0, 8.3, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

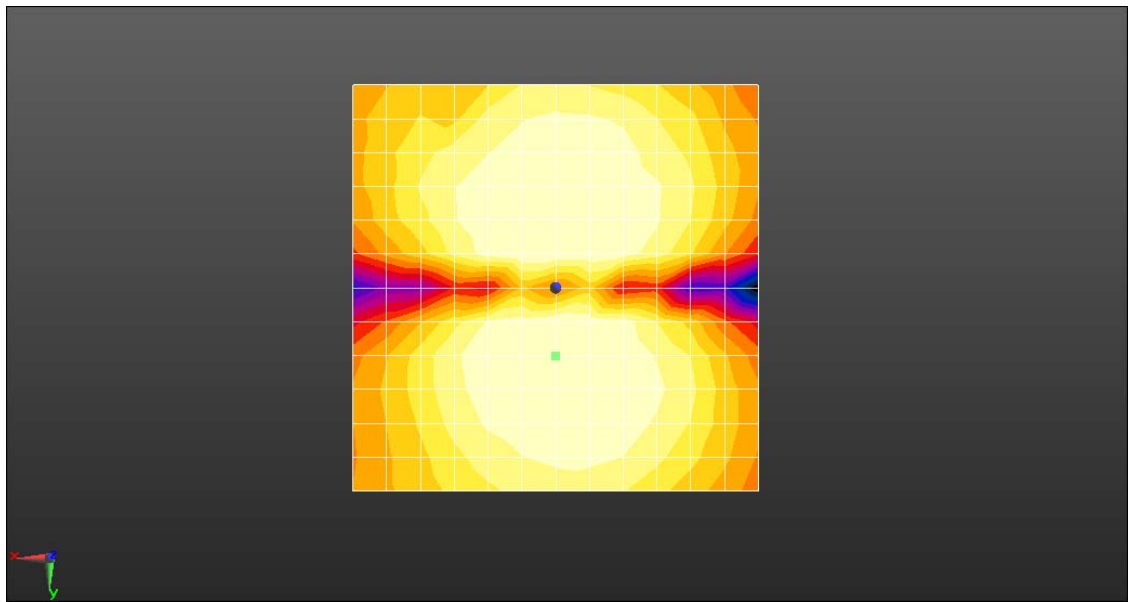
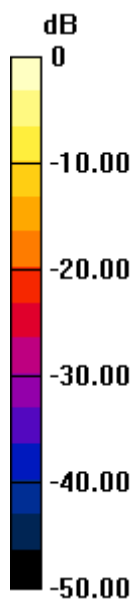
Cursor:

ABM1/ABM2 = 36.25 dB

ABM1 comp = -0.77 dBA/m

BWC Factor = 0.14 dB

Location: 0, 8.3, 3.7 mm



0 dB = 0.9154 A/m = -0.77 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-UMTS Band V-4182CH-2

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: TCoil Section

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16;
- ζ Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 7.76 dBA/m

BWC Factor = 0.14 dB

Location: 0, 0, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 36.73

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.14 dB

Device Reference Point: 0, 0, -6.3 mm

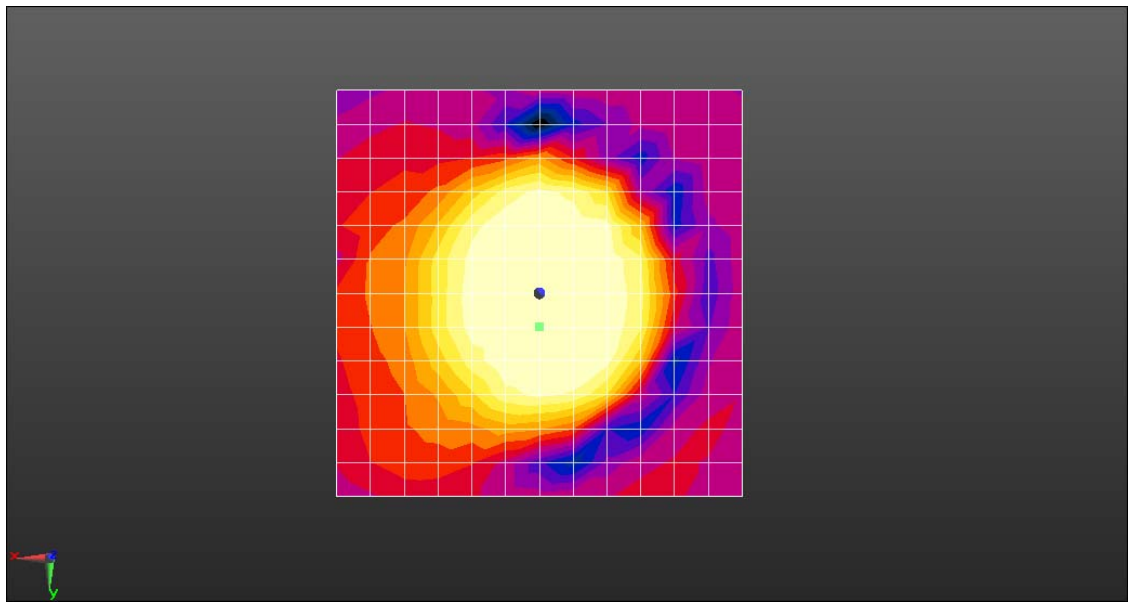
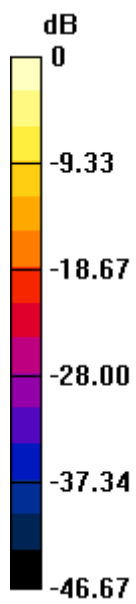
Cursor:

ABM1/ABM2 = 36.54 dB

ABM1 comp = 6.00 dBA/m

BWC Factor = 0.14 dB

Location: 0, 4.2, 3.7 mm



0 dB = 2.442 A/m = 7.75 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1611-UMTS Band V-4182CH-3

DUT: Texas-A1; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: TCoil Section

DASY Configuration:

- ζ Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16;
- ζ Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ζ Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ζ Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ζ DASY52 52.8.8(1222);

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.77 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 3.42 dBA/m

BWC Factor = 10.77 dB

Location: 0, 4.2, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.77 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 34.18 dB

ABM1 comp = 3.42 dBA/m

BWC Factor = 10.77 dB

Location: 0, 4.2, 3.7 mm

T-Coil scan (scan for ANSI C63.19-2011 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: 71.93

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.77 dB

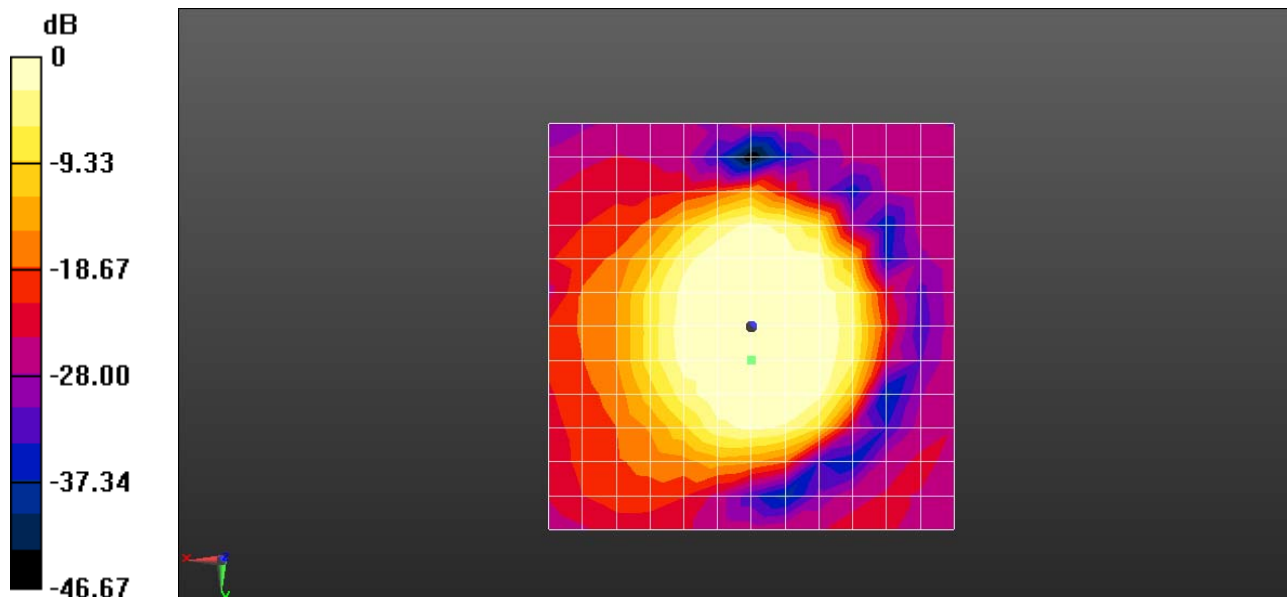
Device Reference Point: 0, 0, -6.3 mm

Cursor:

Diff = 1.79 dB

BWC Factor = 10.77 dB

Location: 0, 4.2, 3.7 mm



0 dB = 2.442 A/m = 7.75 dBA/m

