



Appendix A. T-coil Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-GSM850-190CH

DUT: H715BL; 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:

- ε Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ε Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ε Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -7.93 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

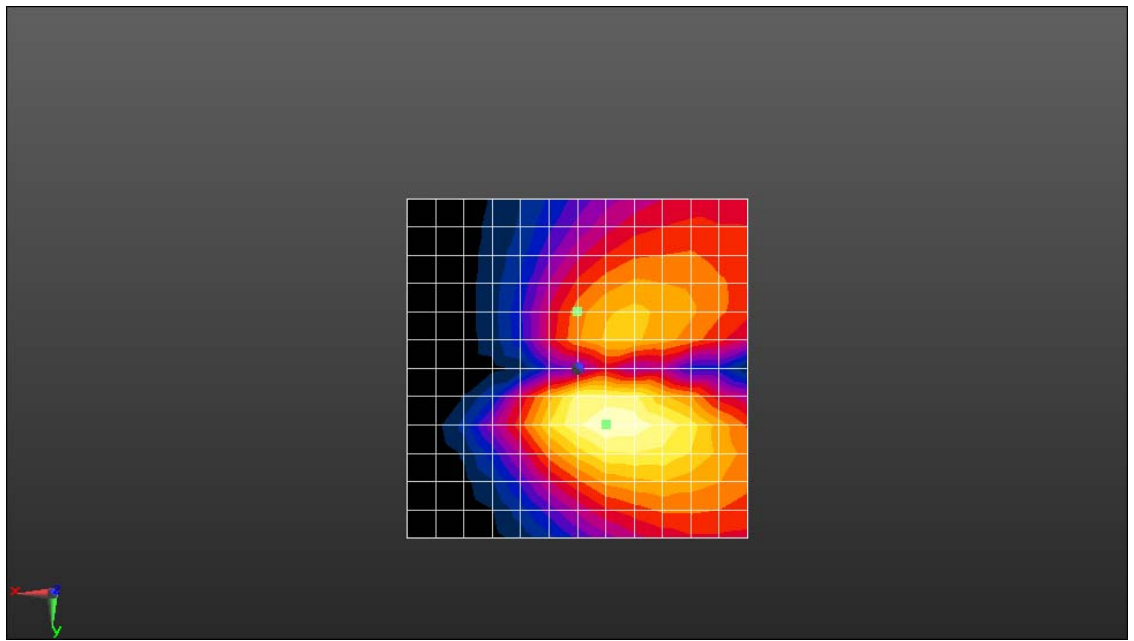
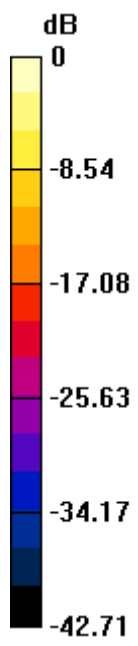
Cursor:

ABM1/ABM2 = 20.85 dB

ABM1 comp = -9.88 dBA/m

BWC Factor = 0.12 dB

Location: -4.2, 8.3, 3.7 mm



0 dB = 0.4014 A/m = -7.93 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-GSM850-190CH

DUT: H715BL; 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:

- ε Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ε Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ε Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ε Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 0.20 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

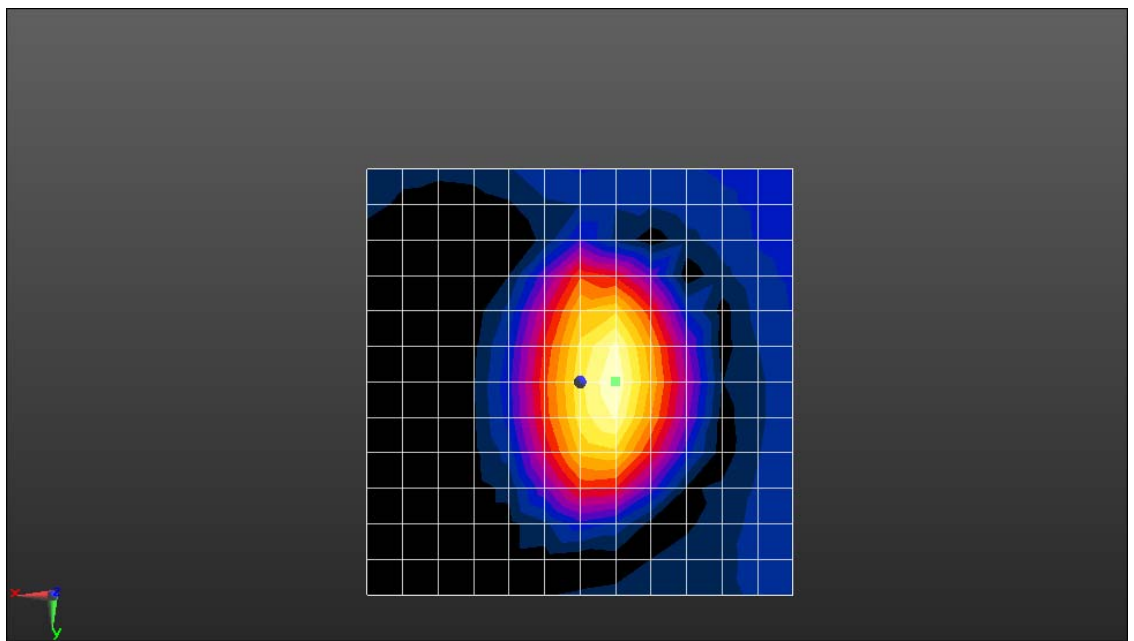
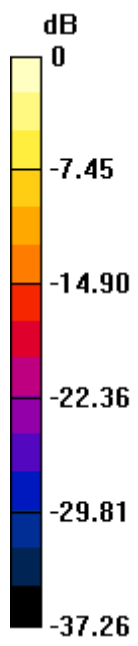
Cursor:

ABM1/ABM2 = 28.12 dB

ABM1 comp = -2.92 dBA/m

BWC Factor = 0.12 dB

Location: -4.2, 0, 3.7 mm



0 dB = 1.023 A/m = 0.20 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-GSM850-190CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 10.76 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -4.97 dBA/m

BWC Factor = 10.76 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: 10.76 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 26.33 dB

ABM1 comp = -4.97 dBA/m

BWC Factor = 10.76 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: 10.76 dB

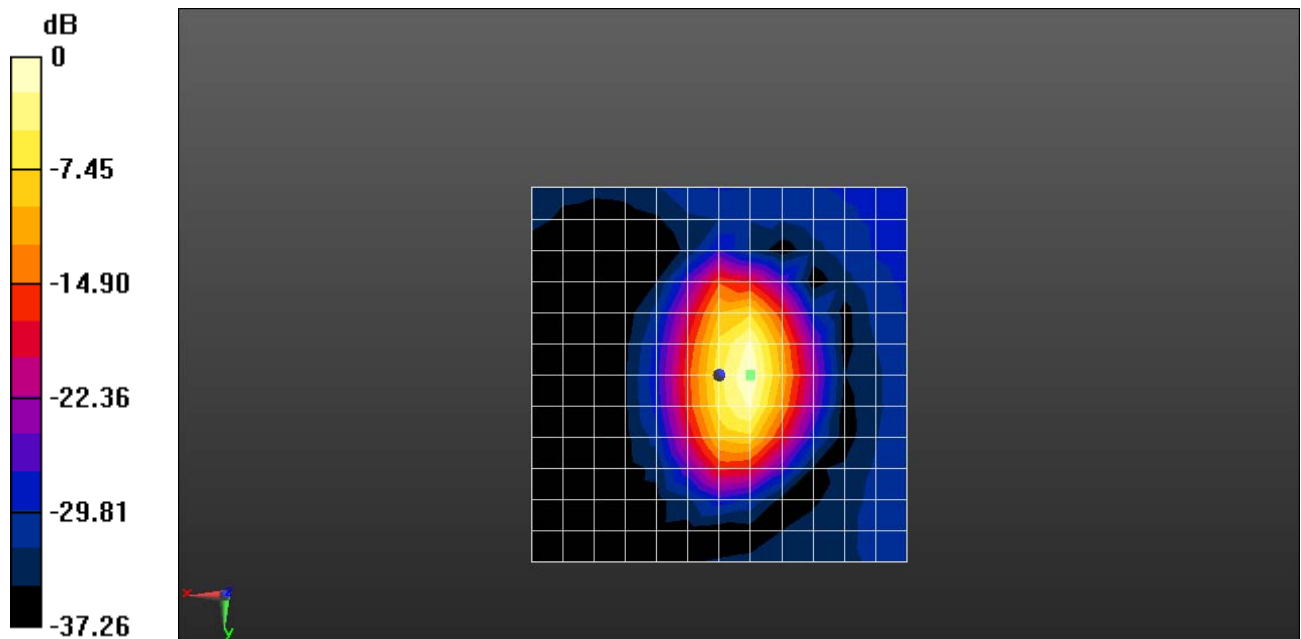
Device Reference Point: 0, 0, -6.3 mm

Cursor:

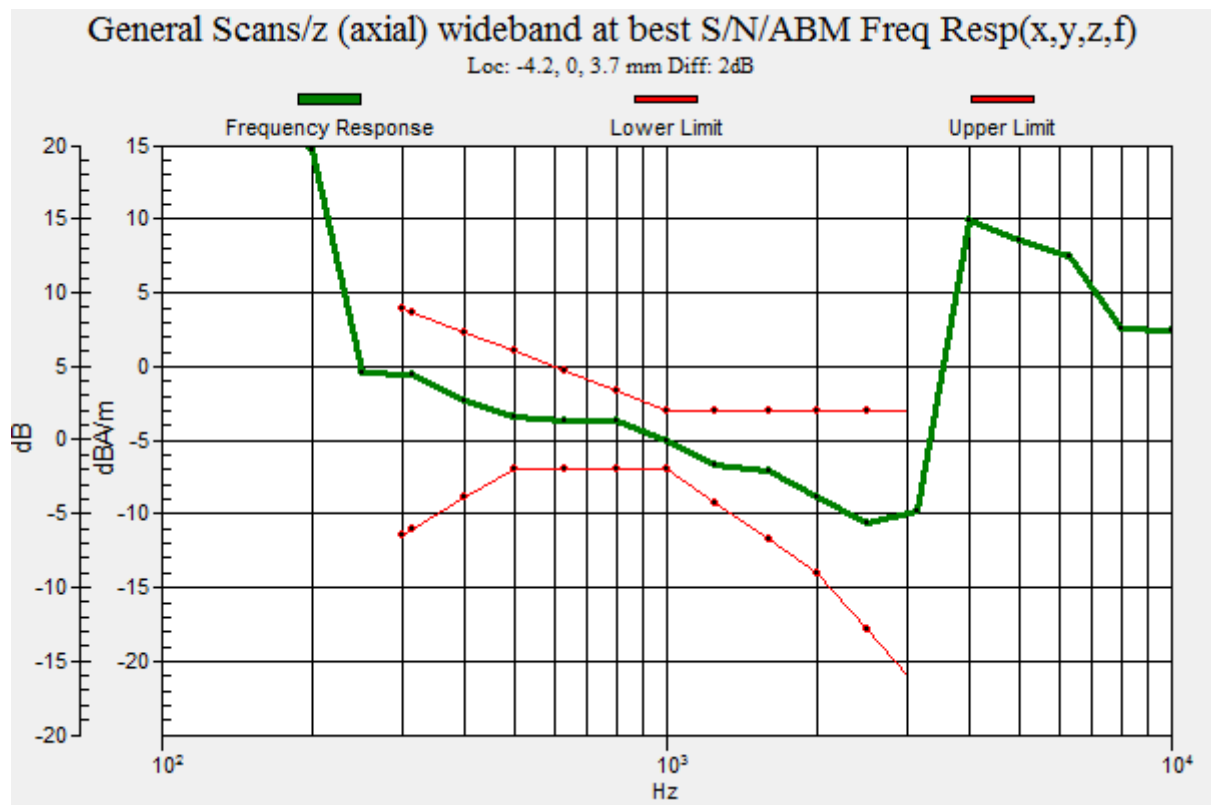
Diff = 2.00 dB

BWC Factor = 10.76 dB

Location: -4.2, 0, 3.7 mm



0 dB = 1.023 A/m = 0.20 dBA/m



Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-GSM1900-661CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -8.13 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

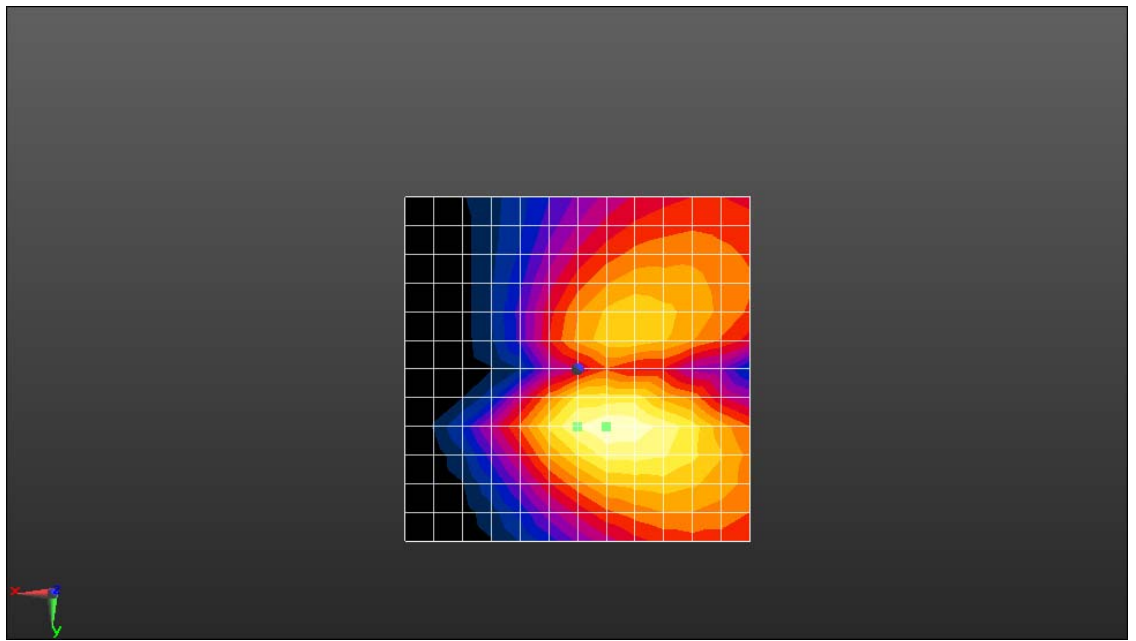
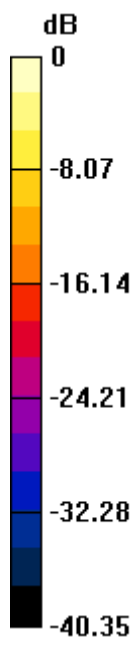
Cursor:

ABM1/ABM2 = 23.58 dB

ABM1 comp = -9.87 dBA/m

BWC Factor = 0.12 dB

Location: -4.2, 8.3, 3.7 mm



0 dB = 0.3923 A/m = -8.13 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-GSM1900-661CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 0.25 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

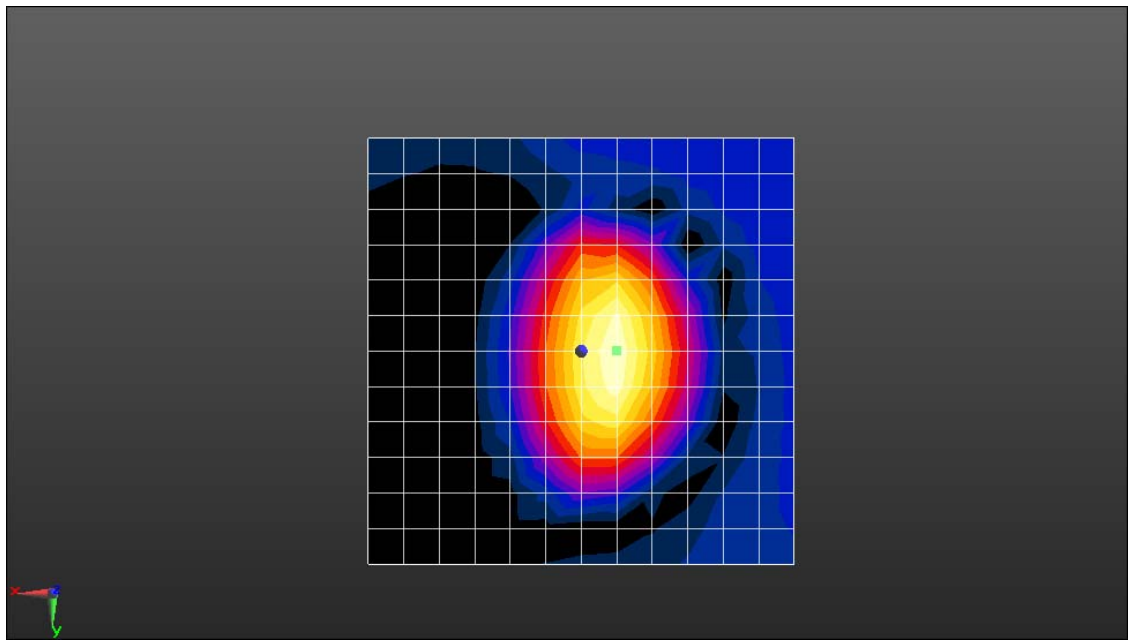
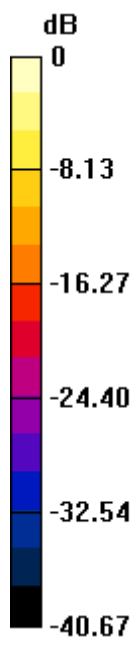
Cursor:

ABM1/ABM2 = 30.19 dB

ABM1 comp = -2.74 dBA/m

BWC Factor = 0.12 dB

Location: -4.2, 0, 3.7 mm



0 dB = 1.029 A/m = 0.25 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-GSM1900-661CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 10.75 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -4.78 dBA/m

BWC Factor = 10.75 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: 10.75 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 28.21 dB

ABM1 comp = -4.78 dBA/m

BWC Factor = 10.75 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: 10.75 dB

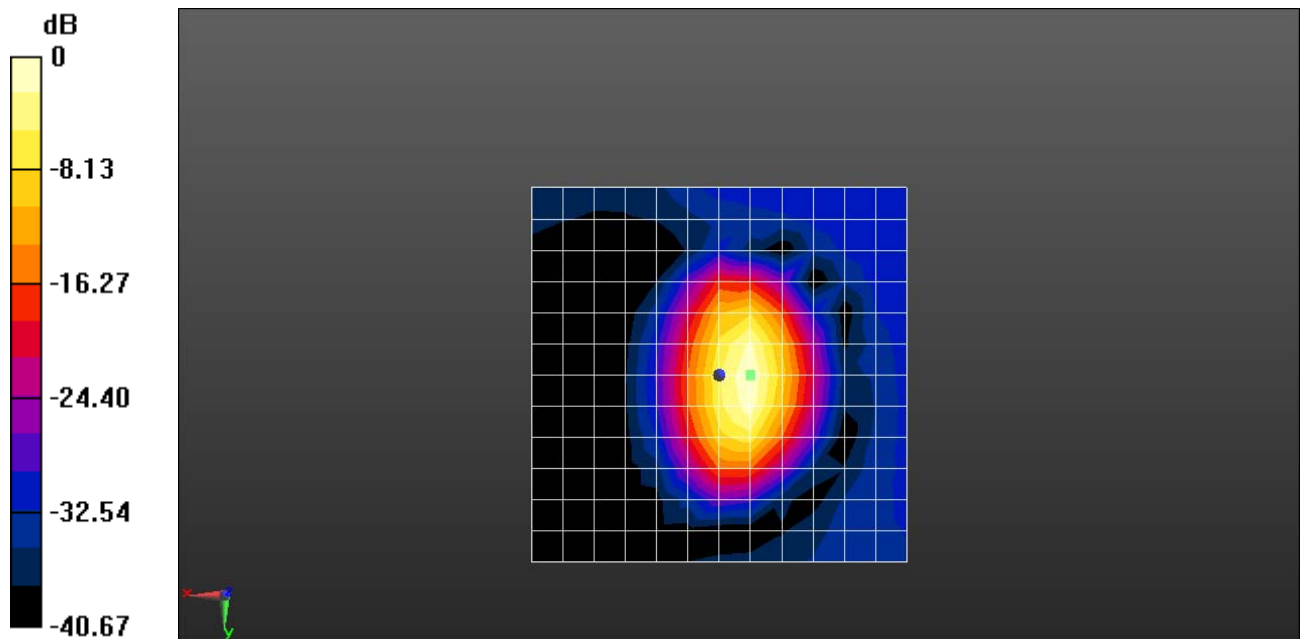
Device Reference Point: 0, 0, -6.3 mm

Cursor:

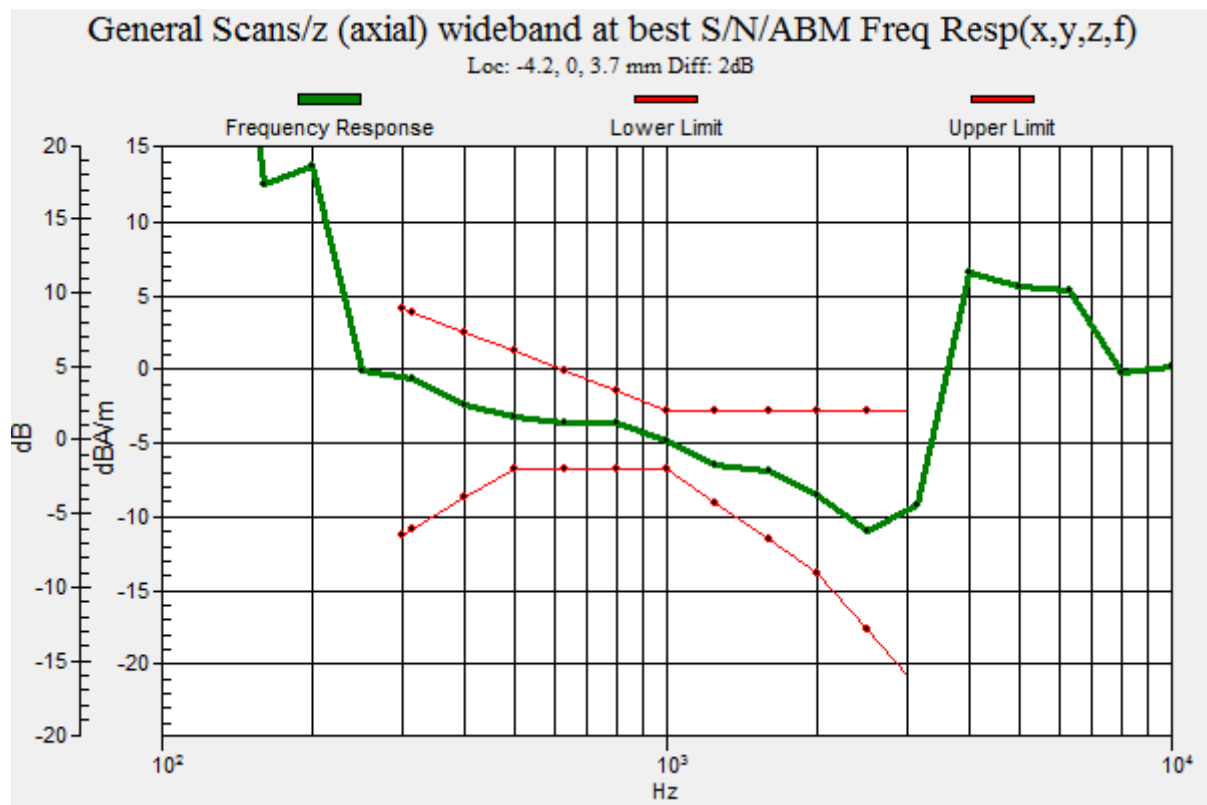
Diff = 2.00 dB

BWC Factor = 10.75 dB

Location: -4.2, 0, 3.7 mm



0 dB = 1.029 A/m = 0.25 dBA/m



Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band II-9400CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -7.53 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

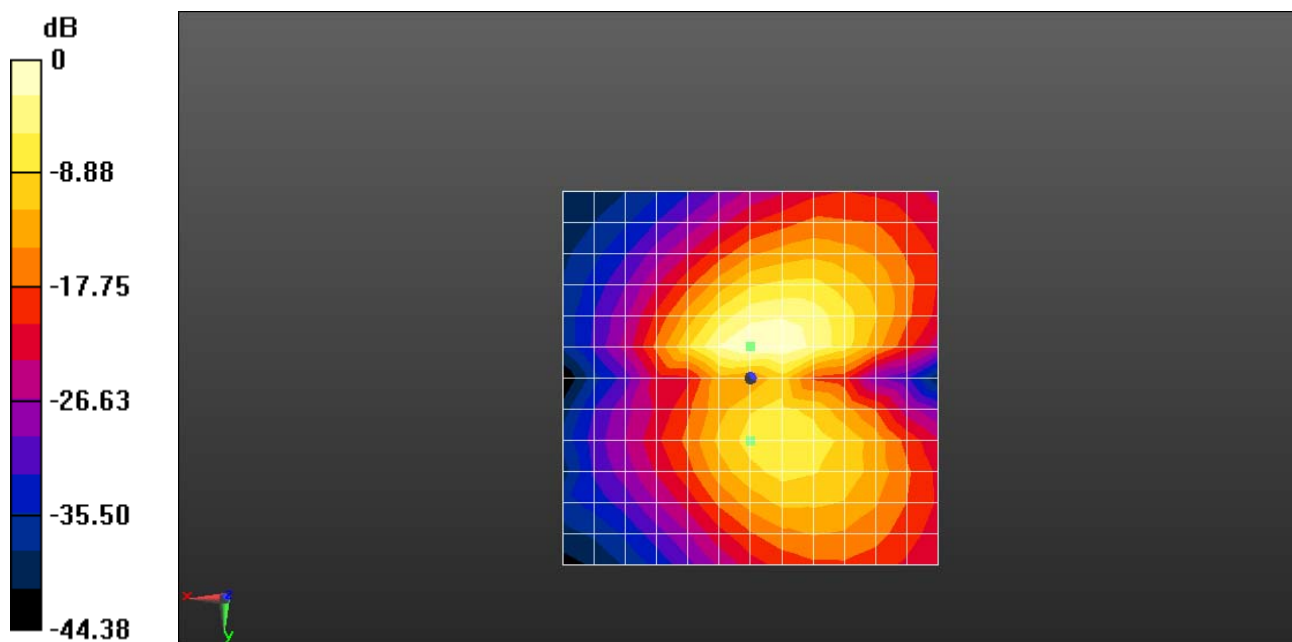
Cursor:

ABM1/ABM2 = 34.44 dB

ABM1 comp = -8.96 dBA/m

BWC Factor = 0.12 dB

Location: 0, -4.2, 3.7 mm



0 dB = 0.4202 A/m = -7.53 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band II-9400CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 0.69 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

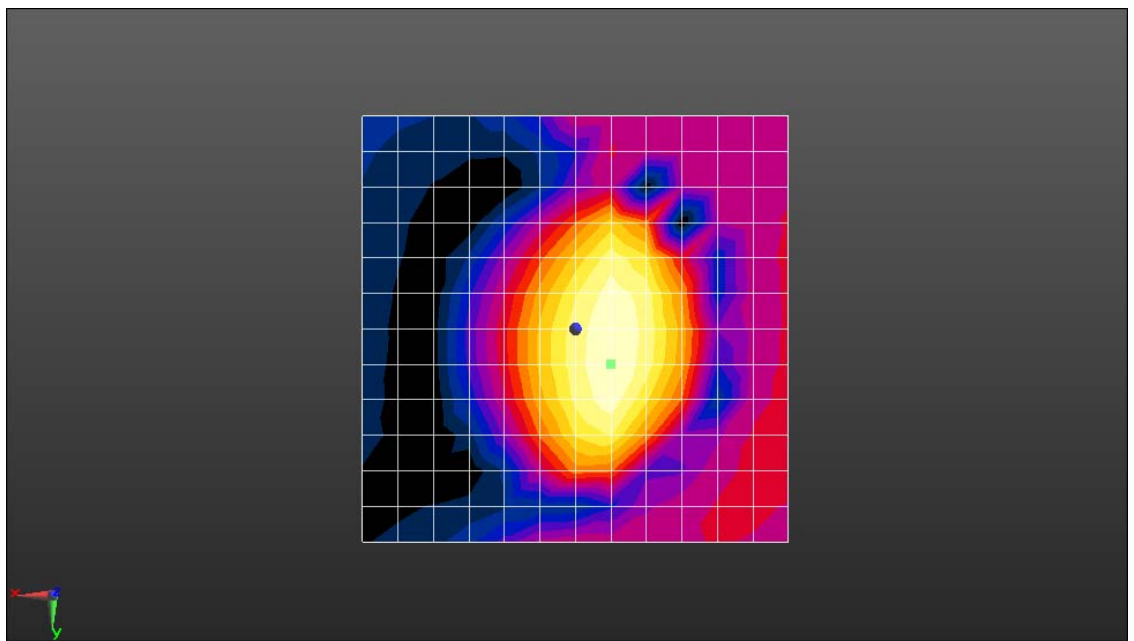
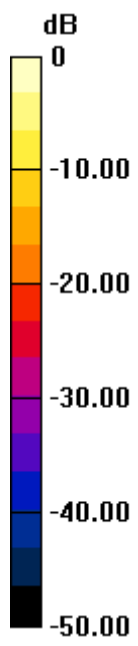
Cursor:

ABM1/ABM2 = 36.75 dB

ABM1 comp = -3.31 dBA/m

BWC Factor = 0.12 dB

Location: -4.2, 4.2, 3.7 mm



0 dB = 1.082 A/m = 0.68 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band II-9400CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 10.75 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -7.05 dBA/m

BWC Factor = 10.75 dB

Location: -4.2, 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: 10.75 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 32.63 dB

ABM1 comp = -7.05 dBA/m

BWC Factor = 10.75 dB

Location: -4.2, 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: 10.75 dB

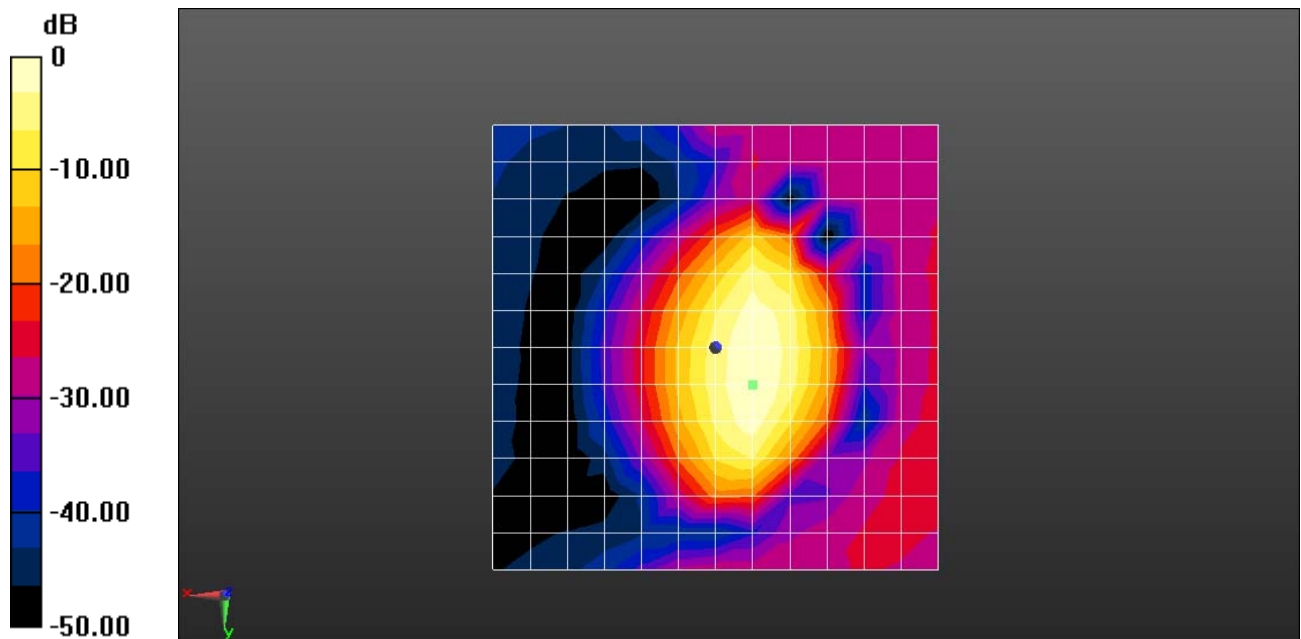
Device Reference Point: 0, 0, -6.3 mm

Cursor:

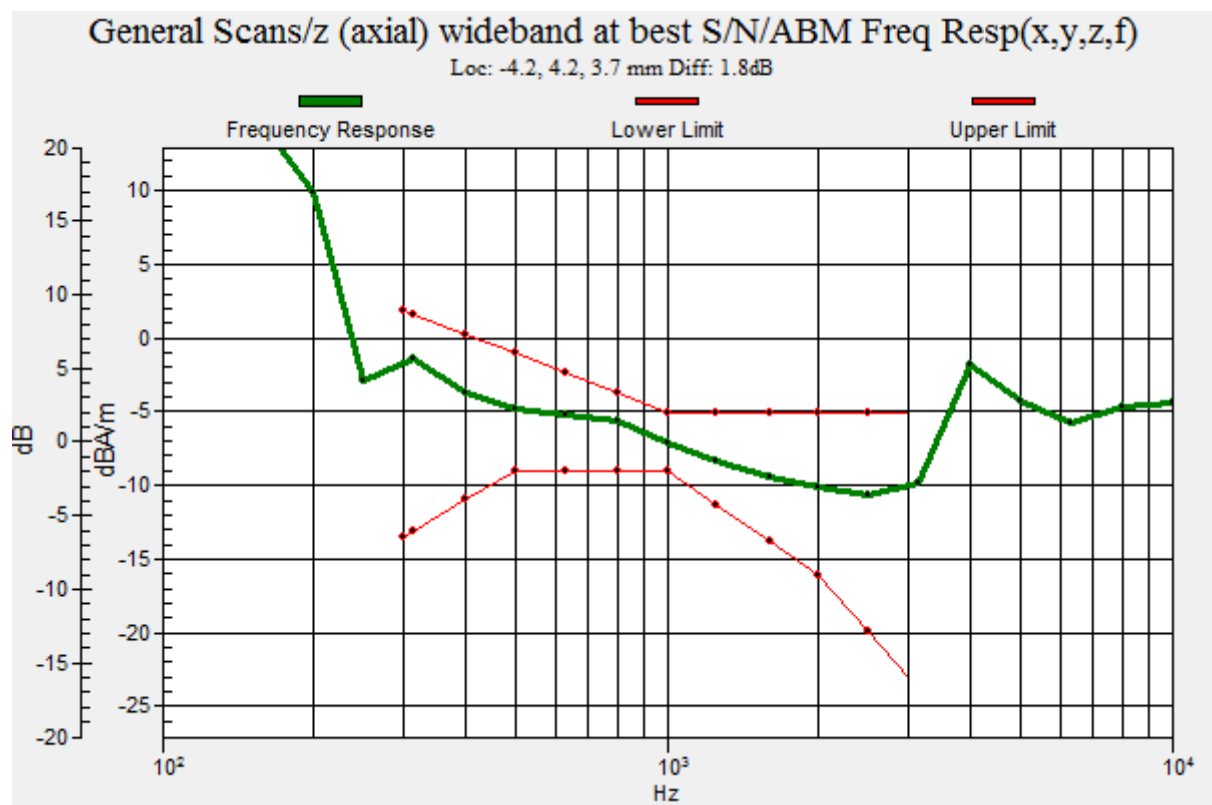
Diff = 1.80 dB

BWC Factor = 10.75 dB

Location: -4.2, 4.2, 3.7 mm



0 dB = 1.082 A/m = 0.68 dBA/m



Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band IV-1413CH

DUT: H715BL; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -7.51 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

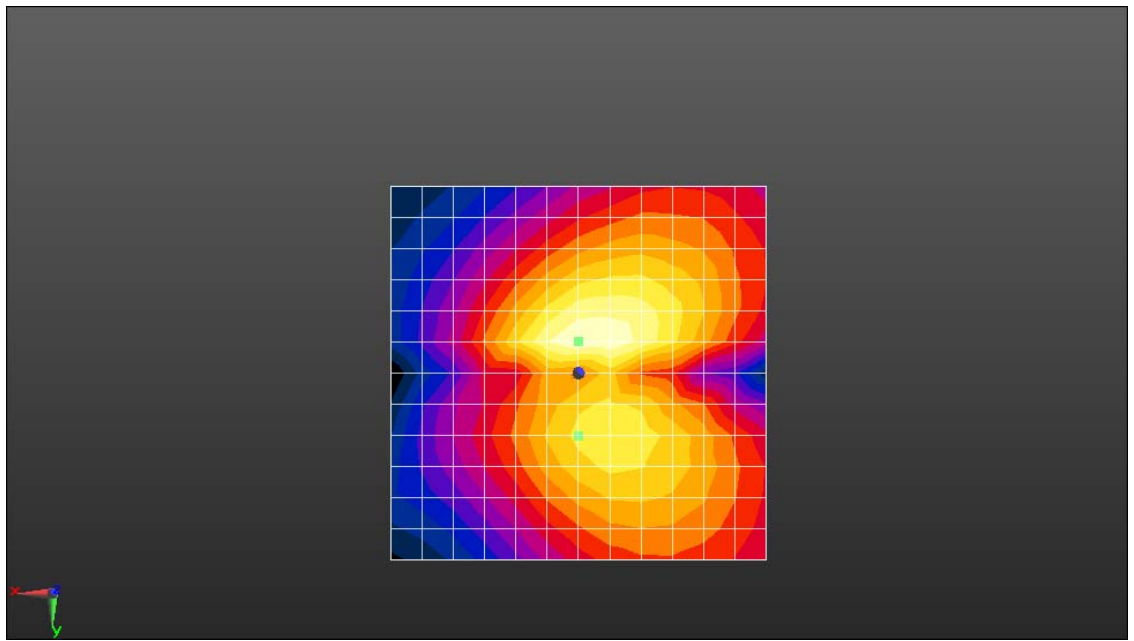
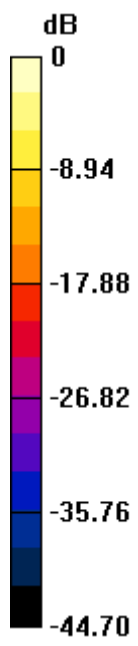
Cursor:

ABM1/ABM2 = 34.59 dB

ABM1 comp = -8.99 dBA/m

BWC Factor = 0.12 dB

Location: 0, -4.2, 3.7 mm



0 dB = 0.4212 A/m = -7.51 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band IV-1413CH

DUT: H715BL; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 0.67 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

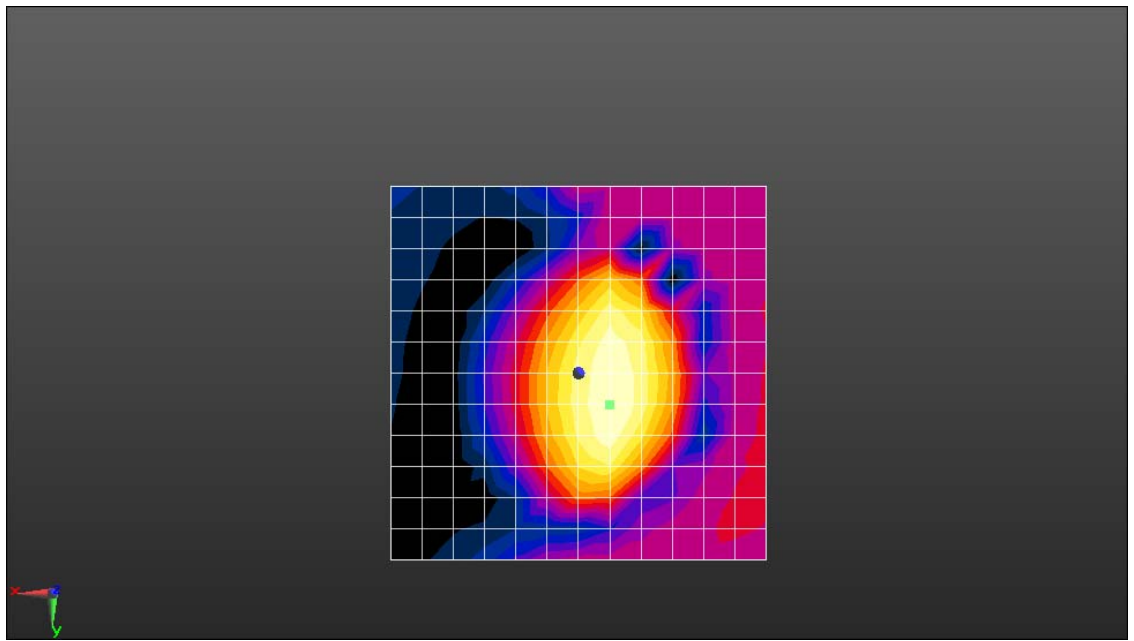
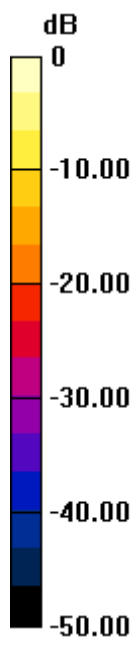
Cursor:

ABM1/ABM2 = 36.56 dB

ABM1 comp = -3.30 dBA/m

BWC Factor = 0.12 dB

Location: -4.2, 4.2, 3.7 mm



0 dB = 1.080 A/m = 0.67 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band IV-1413CH

DUT: H715BL; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1732.6 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 10.76 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -7.13 dBA/m

BWC Factor = 10.76 dB

Location: -4.2, 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: 10.76 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 32.47 dB

ABM1 comp = -7.13 dBA/m

BWC Factor = 10.76 dB

Location: -4.2, 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: 10.76 dB

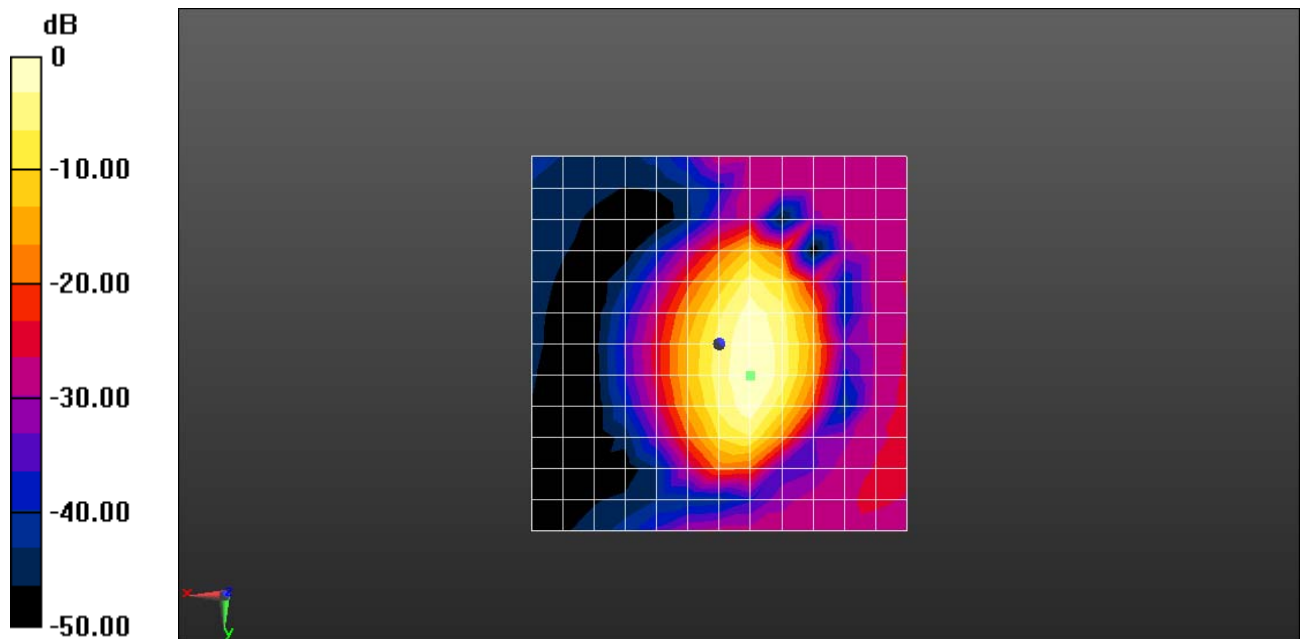
Device Reference Point: 0, 0, -6.3 mm

Cursor:

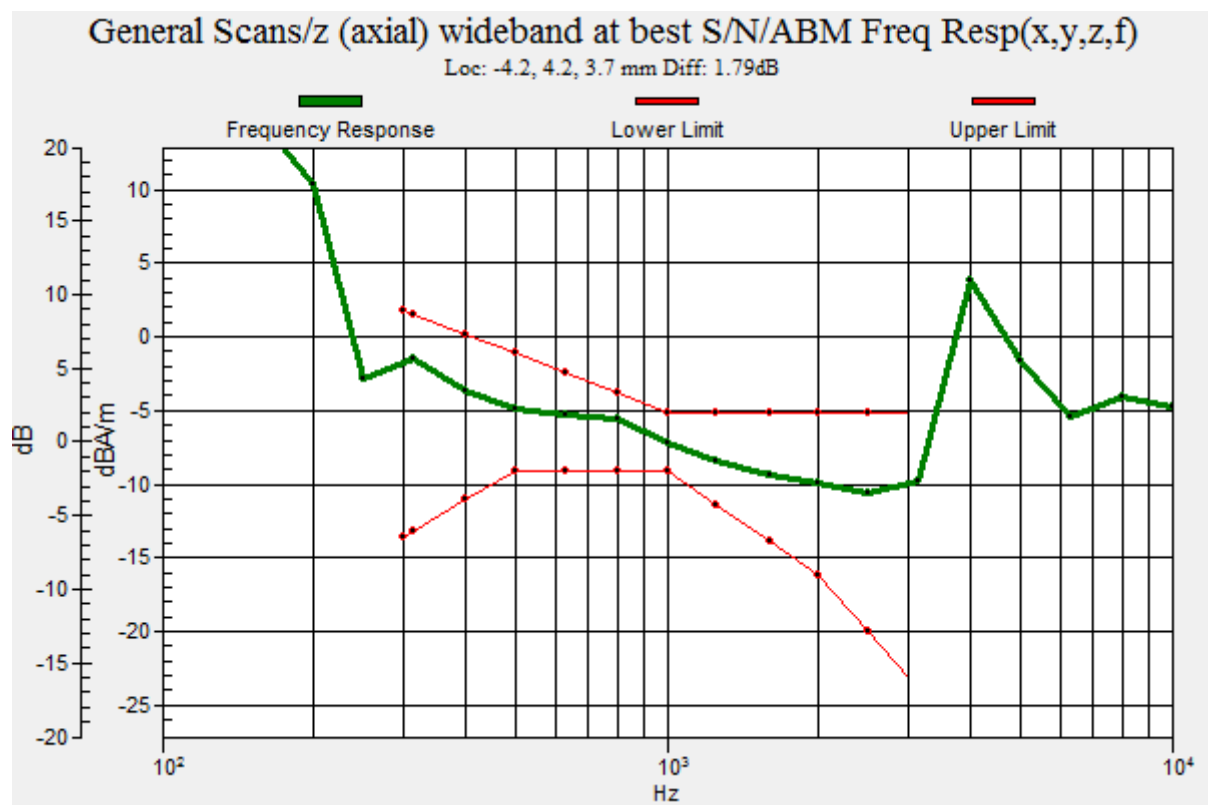
Diff = 1.79 dB

BWC Factor = 10.76 dB

Location: -4.2, 4.2, 3.7 mm



0 dB = 1.080 A/m = 0.67 dBA/m



Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band V-4182CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -7.45 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

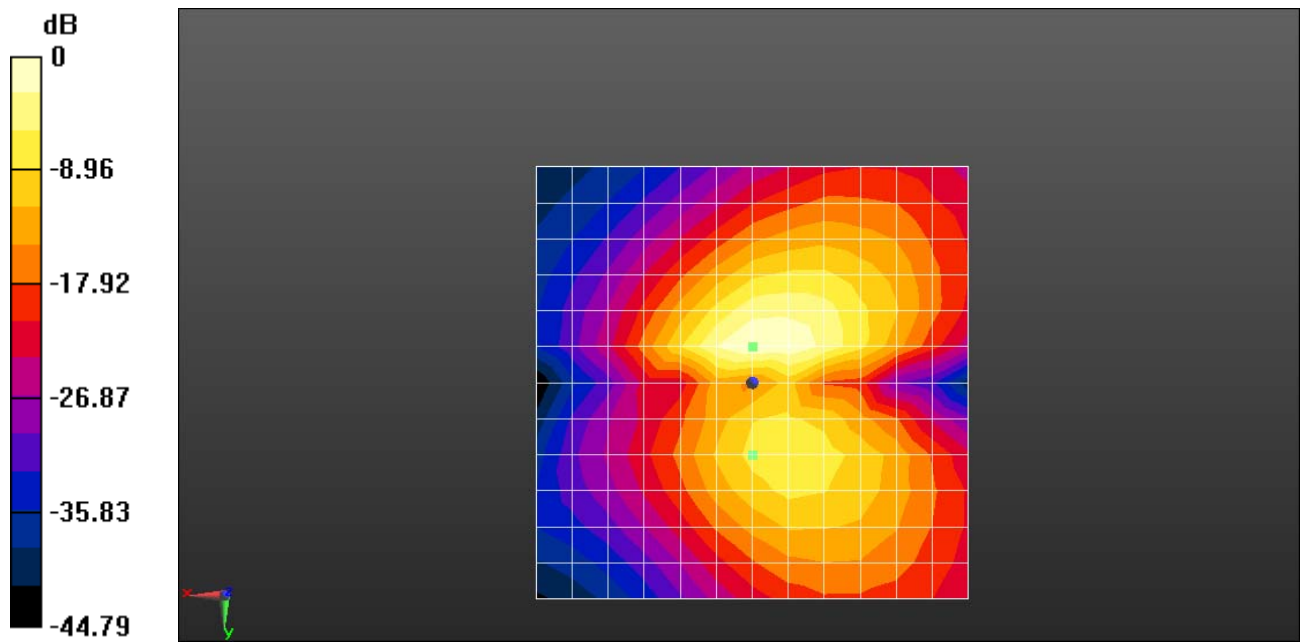
Cursor:

ABM1/ABM2 = 34.81 dB

ABM1 comp = -8.94 dBA/m

BWC Factor = 0.12 dB

Location: 0, -4.2, 3.7 mm



0 dB = 0.4242 A/m = -7.45 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band V-4182CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), $z = 3.0$
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = 0.70 dBA/m

BWC Factor = 0.12 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: 0.12 dB

Device Reference Point: 0, 0, -6.3 mm

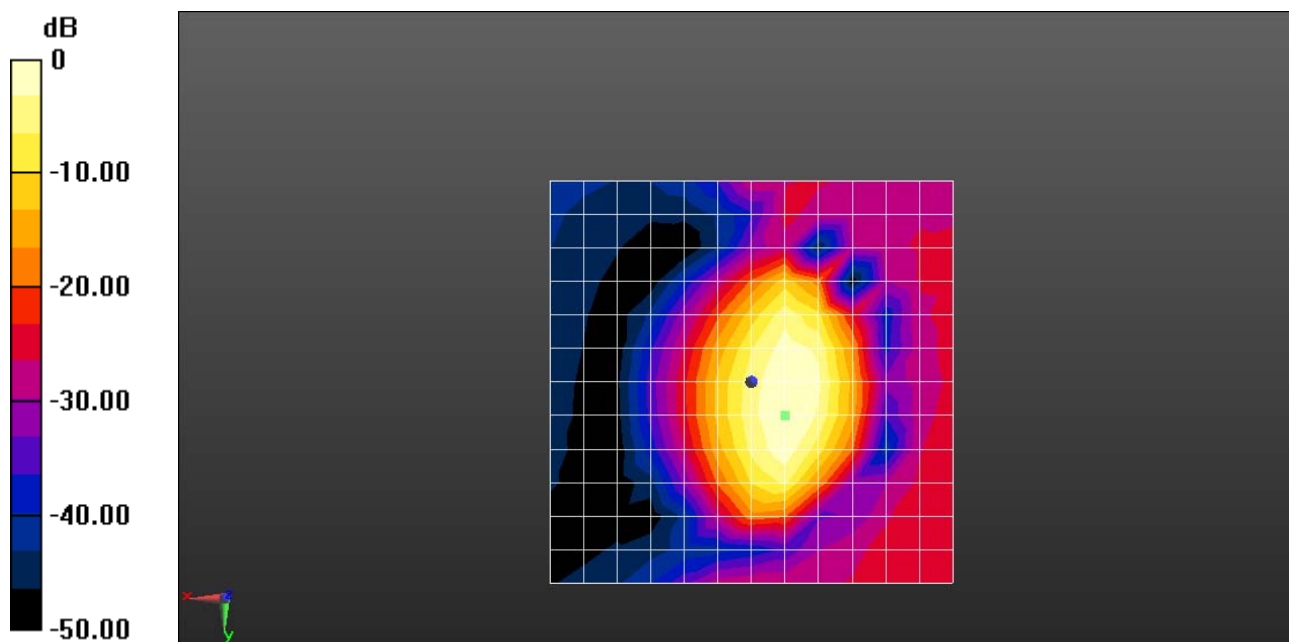
Cursor:

ABM1/ABM2 = 36.43 dB

ABM1 comp = -3.36 dBA/m

BWC Factor = 0.12 dB

Location: -4.2, 4.2, 3.7 mm



0 dB = 1.084 A/m = 0.70 dBA/m

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H715BL-UMTS Band V-4182CH

DUT: H715BL; 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:

- ι Probe: AM1DV3 - 3126; ; Calibrated: 2015-7-16
- ι Sensor-Surface: 0mm (Fix Surface), z = 3.0
- ι Electronics: DAE4 Sn851; Calibrated: 2015-7-20
- ι Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- ι DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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: 10.75 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 comp = -7.12 dBA/m

BWC Factor = 10.75 dB

Location: -4.2, 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: 10.75 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 32.54 dB

ABM1 comp = -7.12 dBA/m

BWC Factor = 10.75 dB

Location: -4.2, 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: 10.75 dB

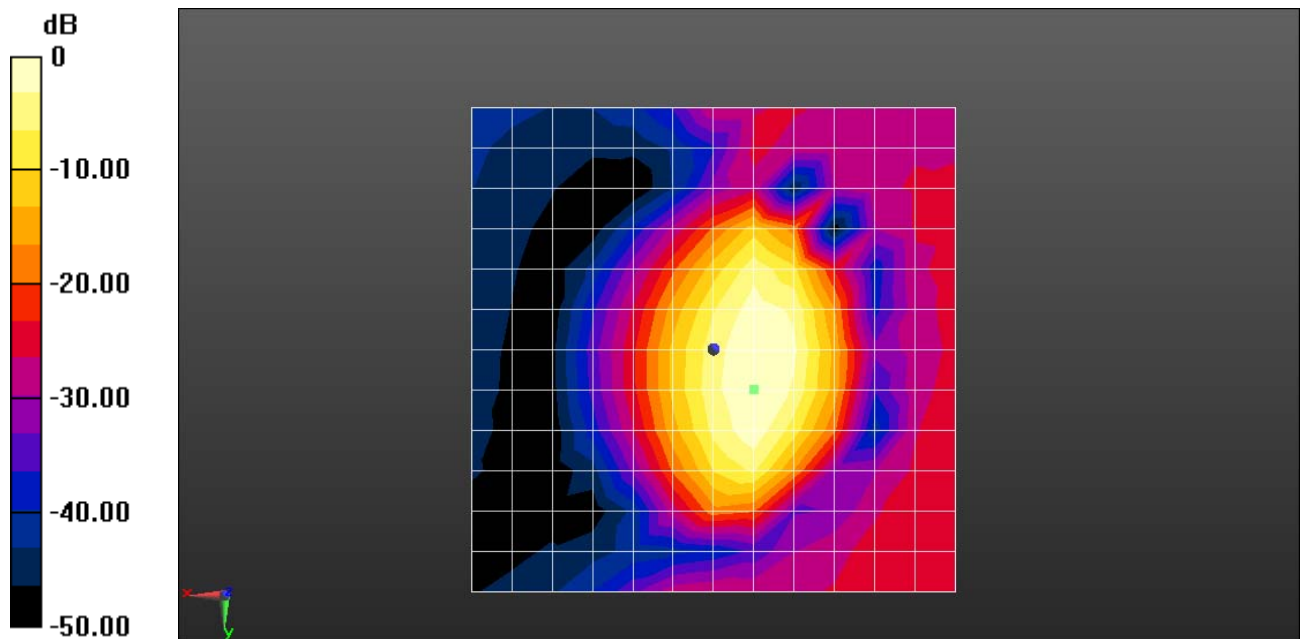
Device Reference Point: 0, 0, -6.3 mm

Cursor:

Diff = 1.73 dB

BWC Factor = 10.75 dB

Location: -4.2, 4.2, 3.7 mm



0 dB = 1.084 A/m = 0.70 dBA/m

