Appendix A. T-Coil Measurement Plots

Table of contents
T-coil Measurement Plots of GSM850 (Sub Antenna)
T-coil Measurement Plots of UMTS Band V (Sub Antenna)
T-coil Measurement Plots of CDMA BC0 (Sub Antenna)
T-coil Measurement Plots of CDMA BC10 (Sub Antenna)
T-coil Measurement Plots of GSM850 (Main Antenna)
T-coil Measurement Plots of GSM1900 (Main Antenna)
T-coil Measurement Plots of UMTS Band II (Main Antenna)
T-coil Measurement Plots of UMTS Band IV (Main Antenna)
T-coil Measurement Plots of UMTS Band V (Main Antenna)
T-coil Measurement Plots of CDMA BC0 (Main Antenna)
T-coil Measurement Plots of CDMA BC1 (Main Antenna)
T-coil Measurement Plots of CDMA BC10 (Main Antenna)

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM850-190CH-Sub Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

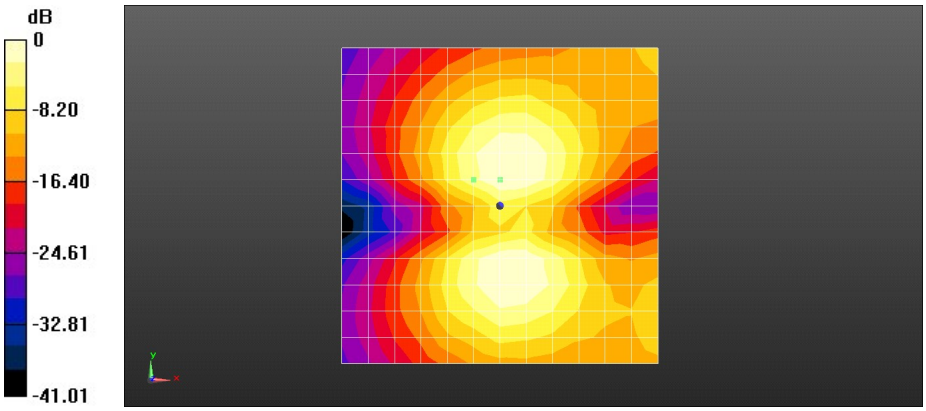
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = -2.74 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 31.52 dB
ABM1 comp = -6.18 dBA/m
BWC Factor = 0.13 dB
Location: -4.2, 4.2, 3.7 mm



0 dB = 0.7295 A/m = -2.74 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM850-190CH-Sub Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

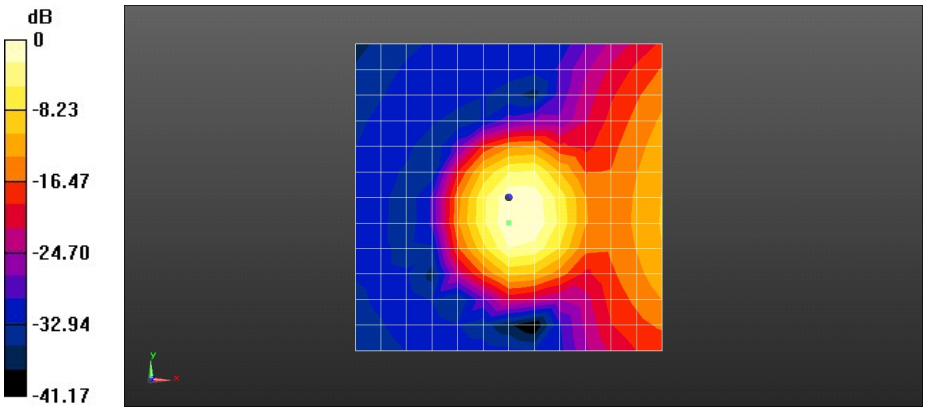
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.43 dBA/m
BWC Factor = 0.13 dB
Location: 0, -4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 32.99 dB
ABM1 comp = 6.43 dBA/m
BWC Factor = 0.13 dB
Location: 0, -4.2, 3.7 mm



0 dB = 2.097 A/m = 6.43 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM850-190CH-Sub Antenna

DUT: H1511; 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.81 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):

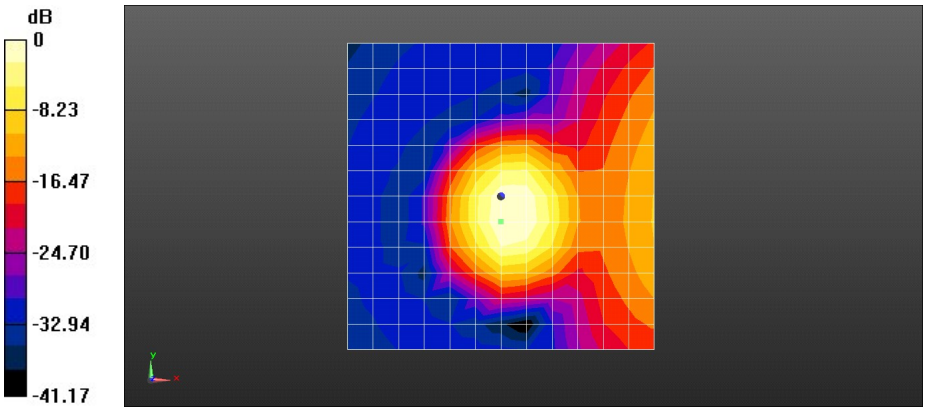
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.87 dB
ABM1 comp = 6.81 dBA/m
BWC Factor = 10.77 dB
Location: 0, -4.2, 3.7 mm

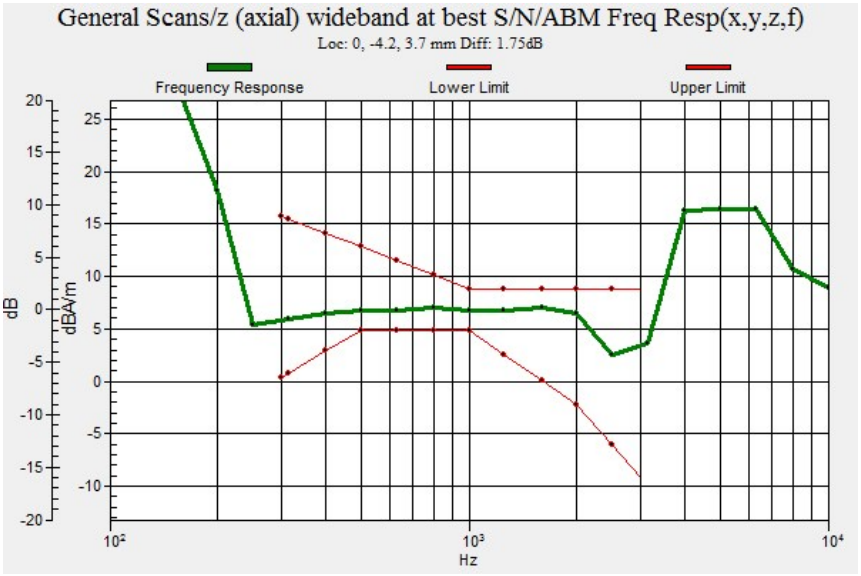
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.75 dB
BWC Factor = 10.77 dB
Location: 0, -4.2, 3.7 mm



0 dB = 2.097 A/m = 6.43 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band V-4182CH-Sub Antenna

DUT: H1511; 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

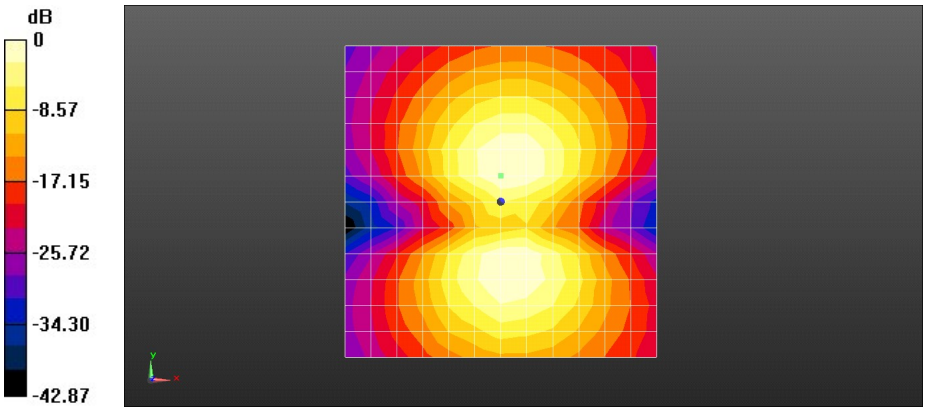
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = -2.02 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.44 dB
ABM1 comp = -2.02 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 3.7 mm



0 dB = 0.7924 A/m = -2.02 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band V-4182CH-Sub Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

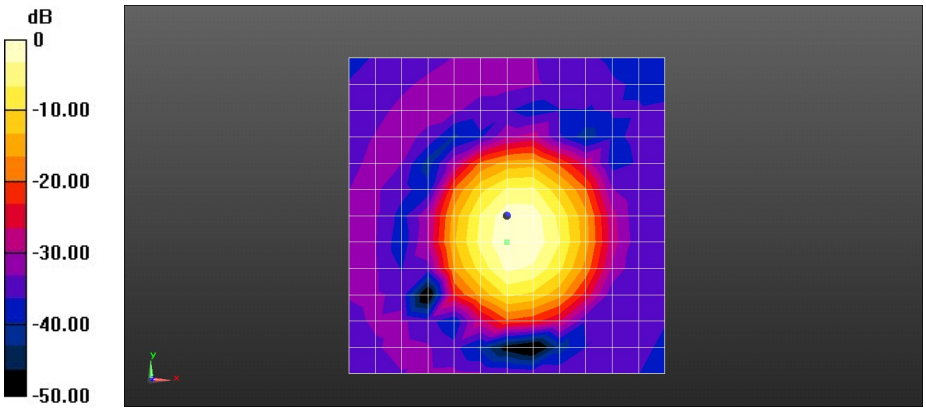
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 7.16 dBA/m
BWC Factor = 0.13 dB
Location: 0, -4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.42 dB
ABM1 comp = 6.05 dBA/m
BWC Factor = 0.13 dB
Location: 0, 0, 3.7 mm



0 dB = 2.280 A/m = 7.16 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band V-4182CH-Sub Antenna

DUT: H1511; 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.78 dBA/m
BWC Factor = 10.77 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):

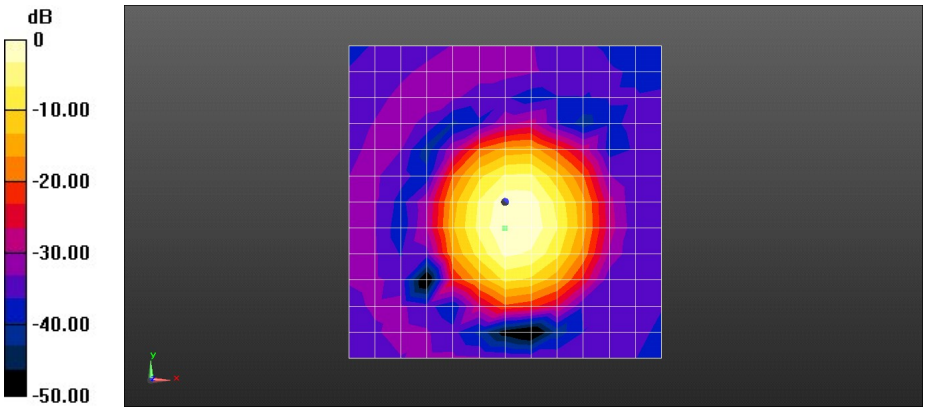
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.44 dB
ABM1 comp = 5.78 dBA/m
BWC Factor = 10.77 dB
Location: 0, 0, 3.7 mm

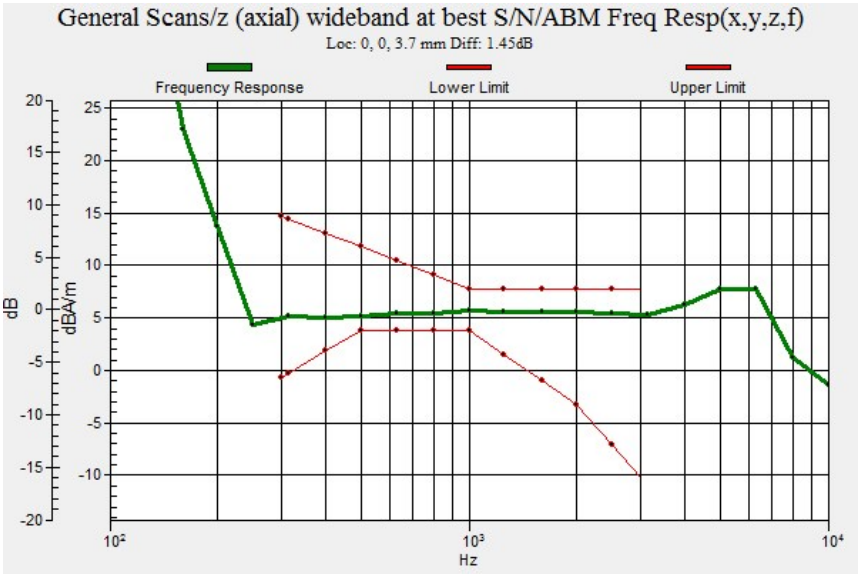
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.45 dB
BWC Factor = 10.77 dB
Location: 0, 0, 3.7 mm



0 dB = 2.280 A/m = 7.16 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC0 384CH-Sub Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

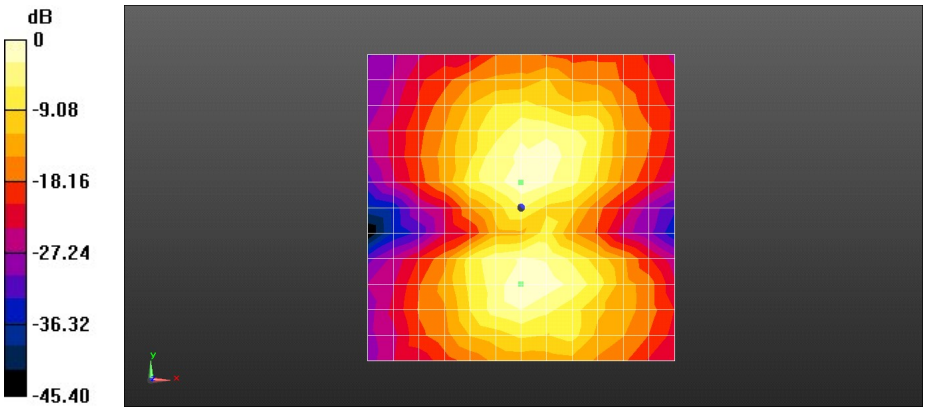
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.86 dBA/m
BWC Factor = 0.13 dB
Location: 0, -12.5, 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.92 dB
ABM1 comp = 5.28 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 3.7 mm



0 dB = 1.963 A/m = 5.86 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC0 384CH-Sub Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

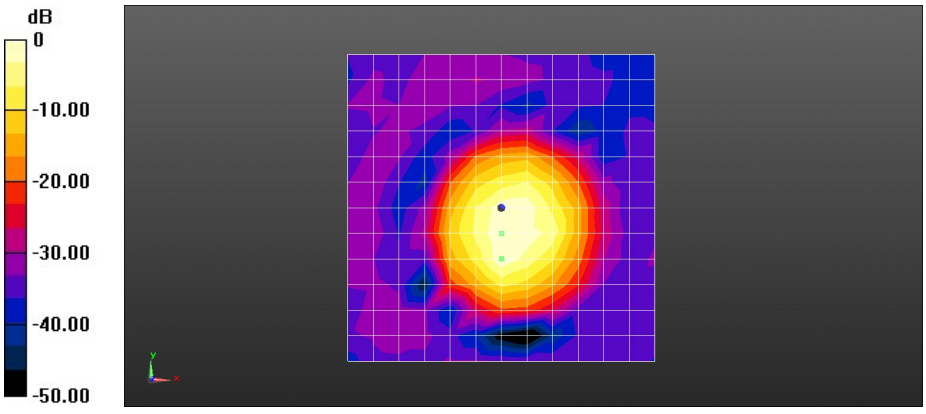
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 13.89 dBA/m
BWC Factor = 0.13 dB
Location: 0, -4.2, 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.88 dB
ABM1 comp = 13.30 dBA/m
BWC Factor = 0.13 dB
Location: 0, -8.3, 3.7 mm



0 dB = 4.948 A/m = 13.89 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC0 384CH-Sub Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 9.88 dBA/m
BWC Factor = 10.77 dB
Location: 0, -8.3, 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):

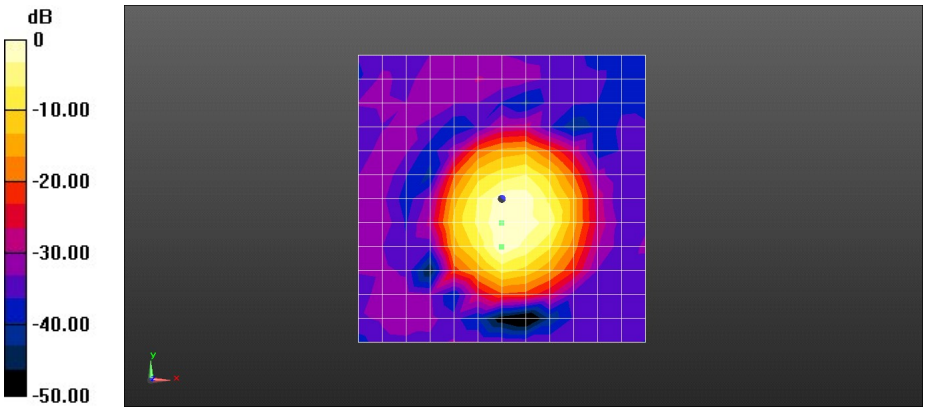
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 47.33 dB
ABM1 comp = 9.88 dBA/m
BWC Factor = 10.77 dB
Location: 0, -8.3, 3.7 mm

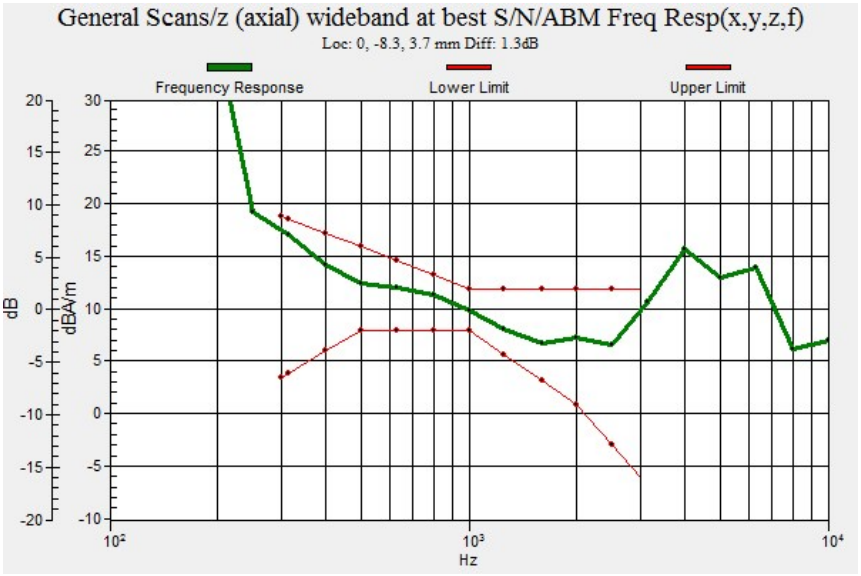
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.30 dB
BWC Factor = 10.77 dB
Location: 0, -8.3, 3.7 mm



0 dB = 4.948 A/m = 13.89 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC10 565CH-Sub Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); Frequency: 820.125 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

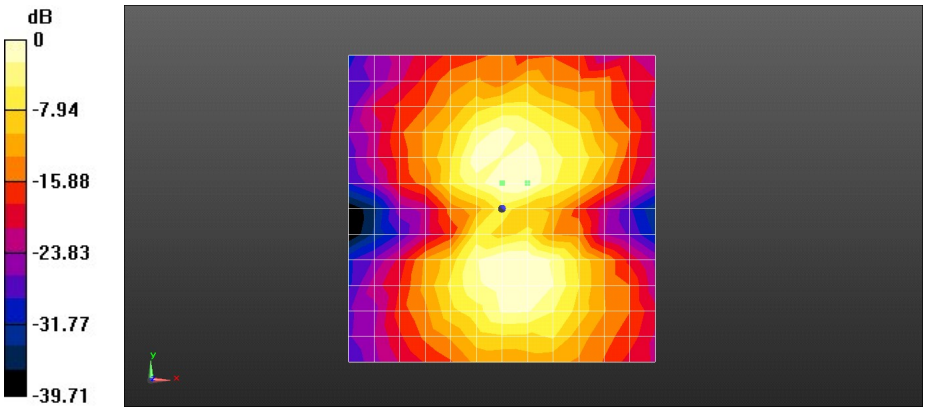
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 4.74 dBA/m
BWC Factor = 0.13 dB
Location: 4.2, 4.2, 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.07 dB
ABM1 comp = 4.28 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 3.7 mm



0 dB = 1.726 A/m = 4.74 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC10 565CH-Sub Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); Frequency: 820.125 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

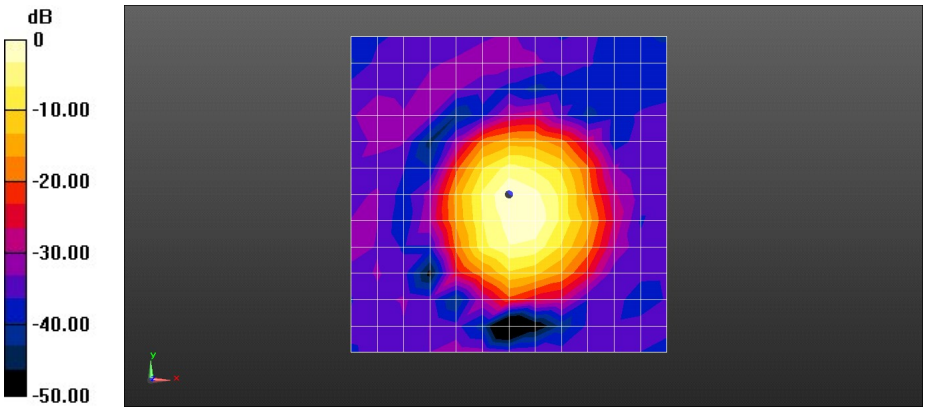
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 14.80 dBA/m
BWC Factor = 0.13 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.88 dB
ABM1 comp = 14.80 dBA/m
BWC Factor = 0.13 dB
Location: 0, 0, 3.7 mm



0 dB = 5.492 A/m = 14.80 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC10 565CH-Sub Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); Frequency: 820.125 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 10.74 dBA/m
BWC Factor = 10.77 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):

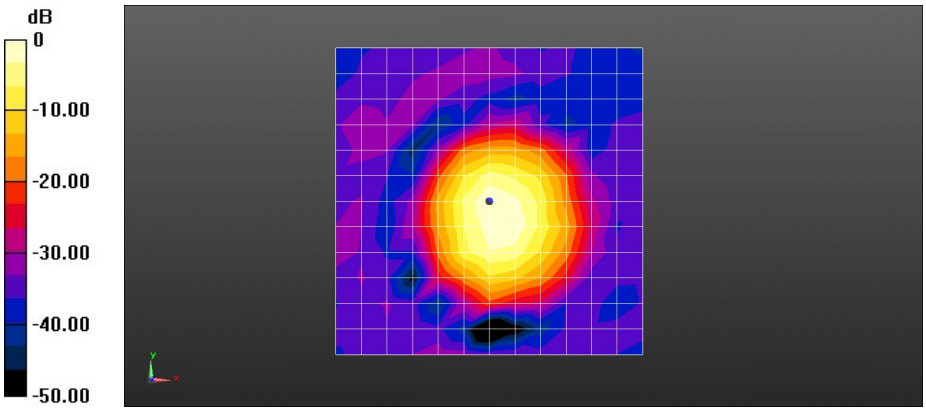
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.18 dB
ABM1 comp = 10.74 dBA/m
BWC Factor = 10.77 dB
Location: 0, 0, 3.7 mm

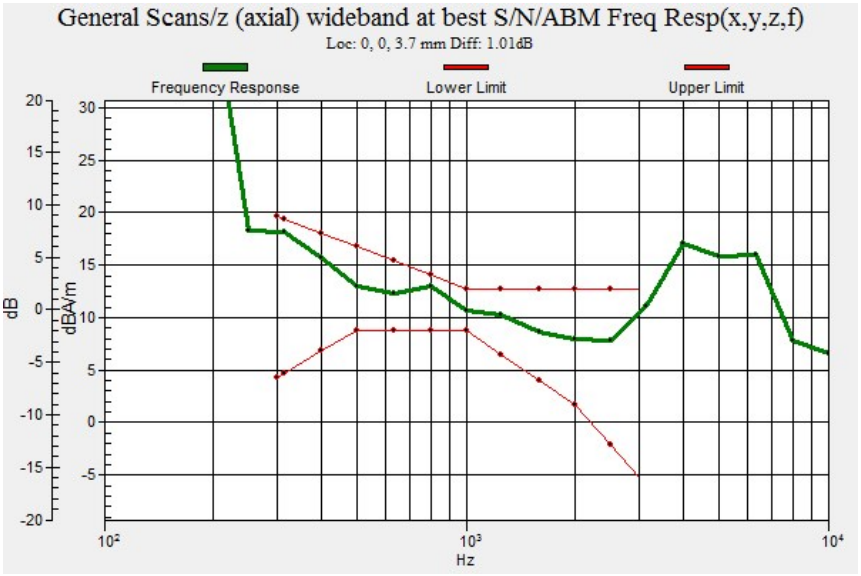
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.77 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.01 dB
BWC Factor = 10.77 dB
Location: 0, 0, 3.7 mm



0 dB = 5.492 A/m = 14.80 dBA/m



Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM850-190CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

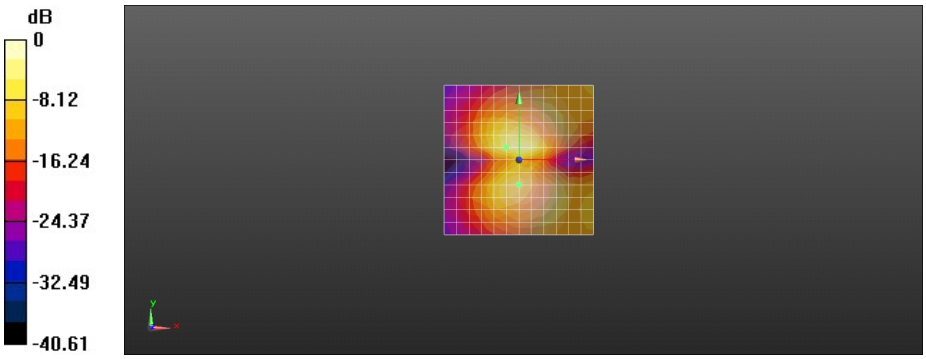
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = -2.14 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 32.28 dB
ABM1 comp = -6.04 dBA/m
BWC Factor = 0.14 dB
Location: -4.2, 4.2, 3.7 mm



0 dB = 0.7817 A/m = -2.14 dBA/m

Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM850-190CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

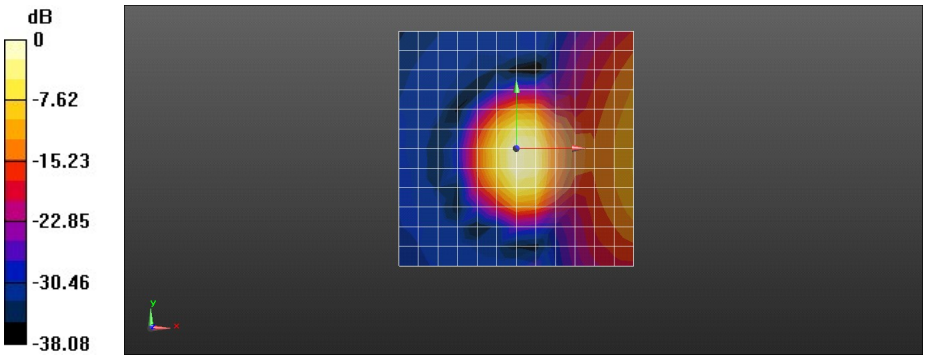
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.53 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 32.77 dB
ABM1 comp = 6.53 dBA/m
BWC Factor = 0.14 dB
Location: 0, 0, 3.7 mm



0 dB = 2.120 A/m = 6.53 dBA/m

Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM850-190CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.86 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):

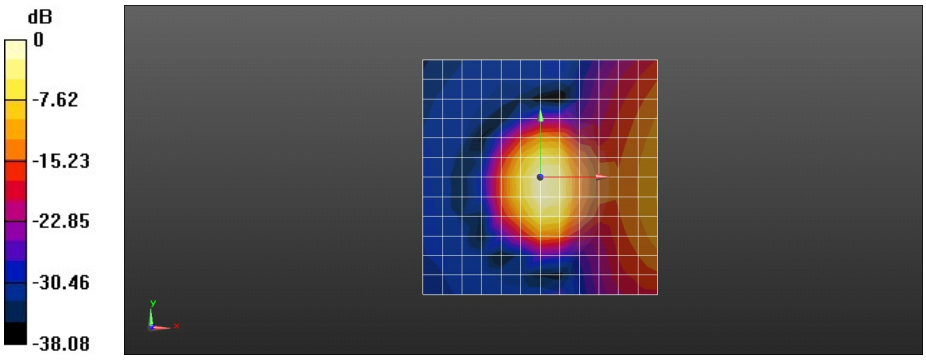
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.59 dB
ABM1 comp = 6.86 dBA/m
BWC Factor = 10.78 dB
Location: 0, 0, 3.7 mm

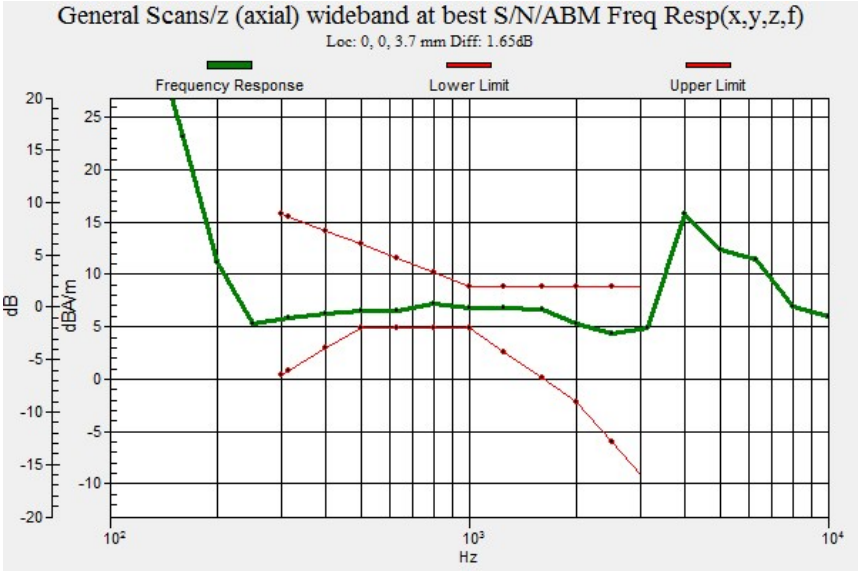
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.65 dB
BWC Factor = 10.78 dB
Location: 0, 0, 3.7 mm



0 dB = 2.120 A/m = 6.53 dBA/m



Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM1900-661CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

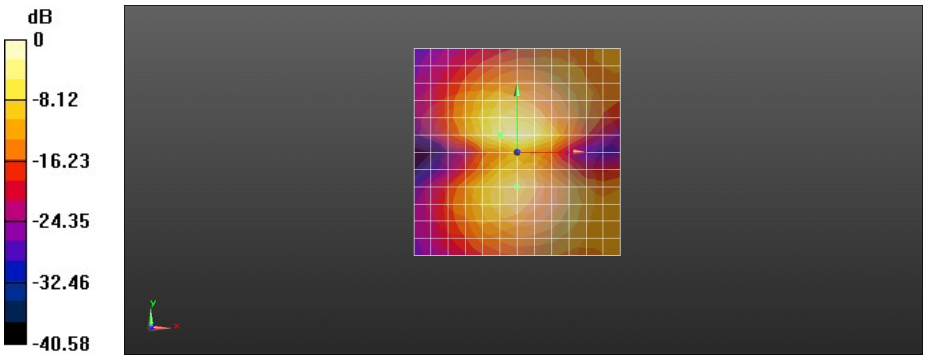
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = -2.12 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.78 dB
ABM1 comp = -5.81 dBA/m
BWC Factor = 0.14 dB
Location: -4.2, 4.2, 3.7 mm



0 dB = 0.7830 A/m = -2.12 dBA/m

Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM1900-661CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

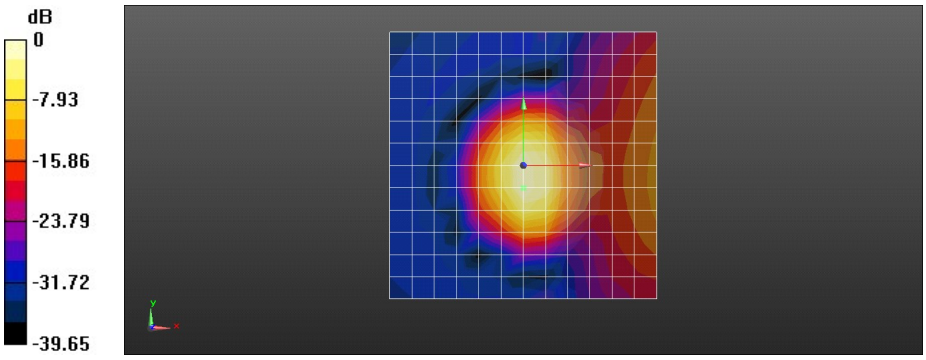
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.38 dBA/m
BWC Factor = 0.14 dB
Location: 0, -4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.49 dB
ABM1 comp = 6.21 dBA/m
BWC Factor = 0.14 dB
Location: 0, 0, 3.7 mm



0 dB = 2.085 A/m = 6.38 dBA/m

Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-GSM1900-661CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.99 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):

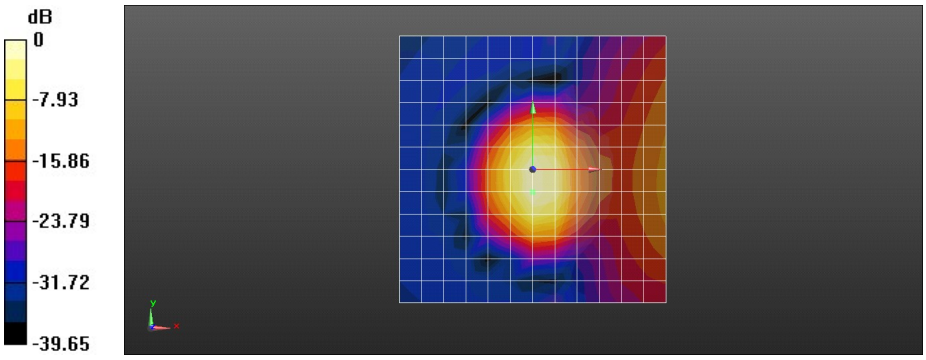
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 35.68 dB
ABM1 comp = 6.99 dBA/m
BWC Factor = 10.78 dB
Location: 0, 0, 3.7 mm

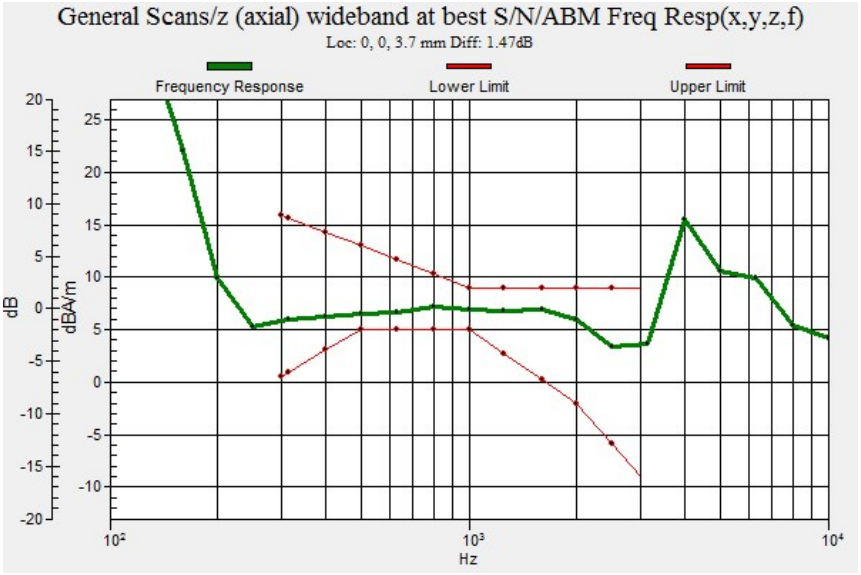
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.47 dB
BWC Factor = 10.78 dB
Location: 0, 0, 3.7 mm



0 dB = 2.085 A/m = 6.38 dBA/m



Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band II-9400CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

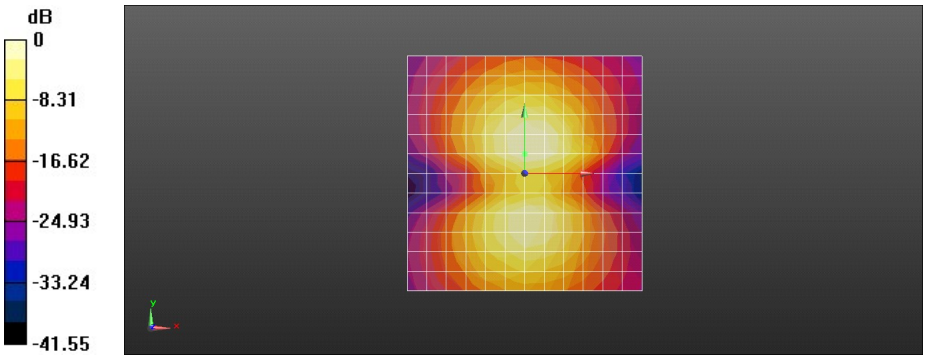
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = -1.54 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.59 dB
ABM1 comp = -1.54 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 3.7 mm



0 dB = 0.8371 A/m = -1.54 dBA/m

Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band II-9400CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

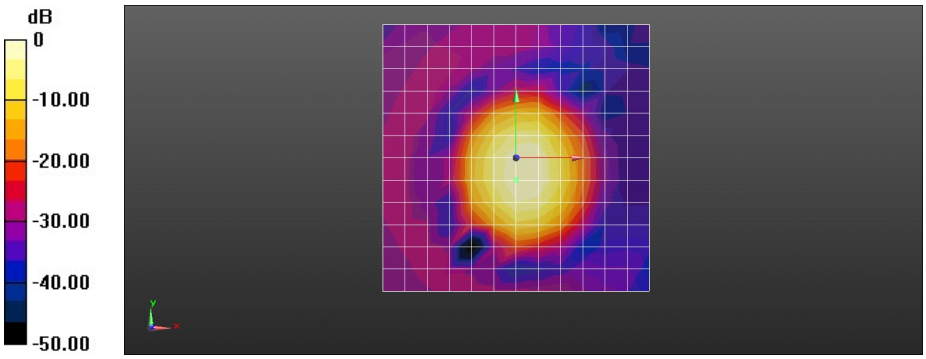
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 7.32 dBA/m
BWC Factor = 0.15 dB
Location: 0, -4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.35 dB
ABM1 comp = 6.79 dBA/m
BWC Factor = 0.15 dB
Location: 0, 0, 3.7 mm



0 dB = 2.323 A/m = 7.32 dBA/m

Date: 2015-8-16

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band II-9400CH-Main Antenna

DUT: H1511; 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.79 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.23 dBA/m
BWC Factor = 10.79 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):

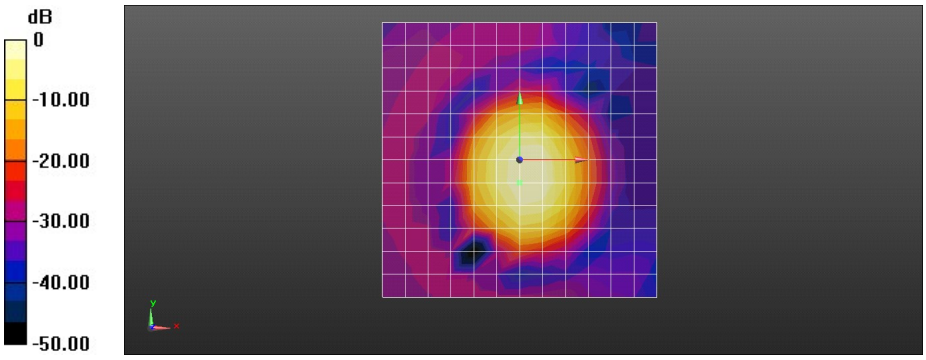
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.79 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.05 dB
ABM1 comp = 6.23 dBA/m
BWC Factor = 10.79 dB
Location: 0, 0, 3.7 mm

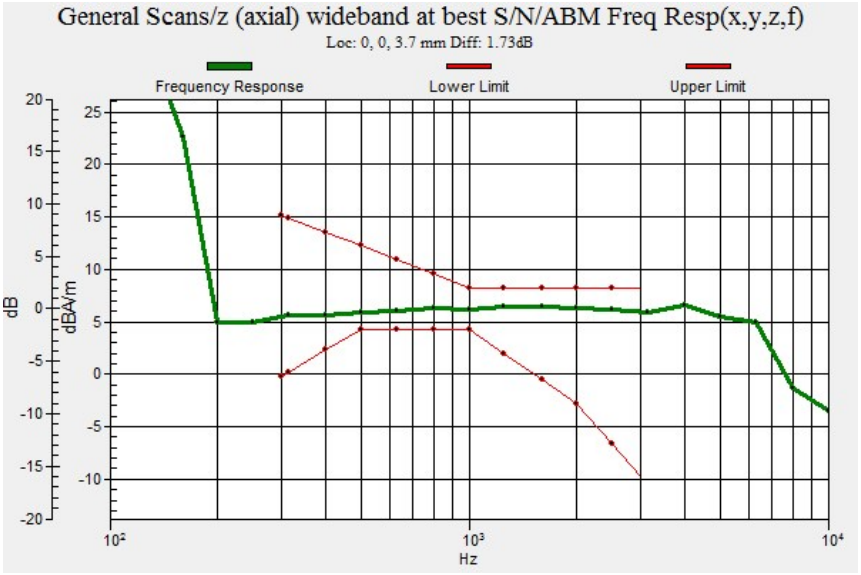
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.79 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.73 dB
BWC Factor = 10.79 dB
Location: 0, 0, 3.7 mm



0 dB = 2.323 A/m = 7.32 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band IV-1413CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

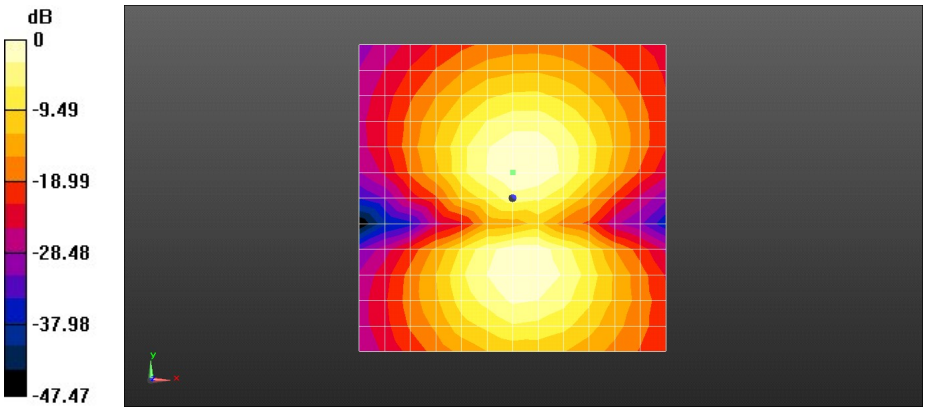
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = -2.09 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.78 dB
ABM1 comp = -2.09 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 3.7 mm



0 dB = 0.7862 A/m = -2.09 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band IV-1413CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

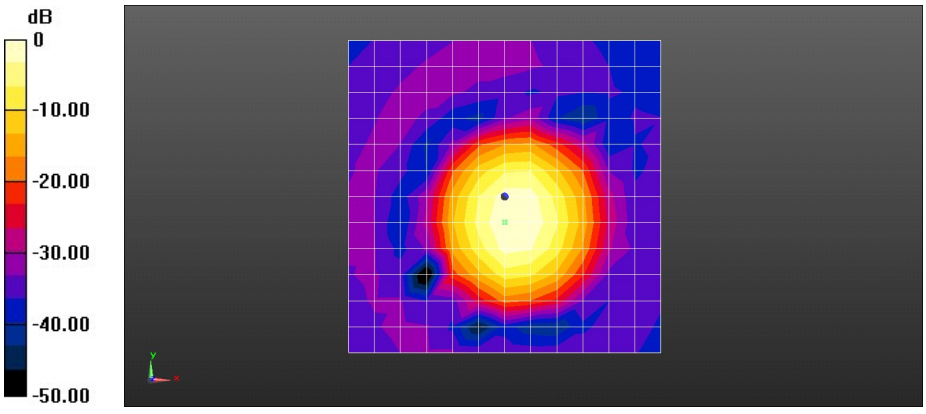
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 6.98 dBA/m
BWC Factor = 0.13 dB
Location: 0, -4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.71 dB
ABM1 comp = 5.40 dBA/m
BWC Factor = 0.13 dB
Location: 0, 0, 3.7 mm



0 dB = 2.233 A/m = 6.98 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band IV-1413CH-Main Antenna

DUT:H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.76 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.52 dBA/m
BWC Factor = 10.76 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):

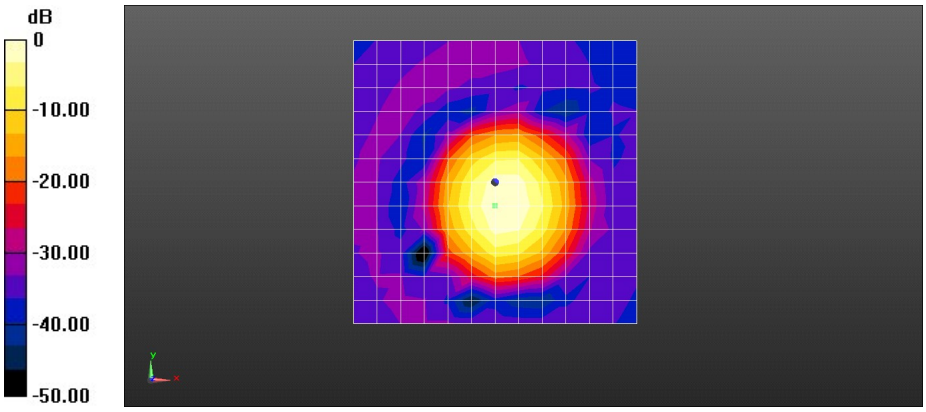
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.76 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.35 dB
ABM1 comp = 5.52 dBA/m
BWC Factor = 10.76 dB
Location: 0, 0, 3.7 mm

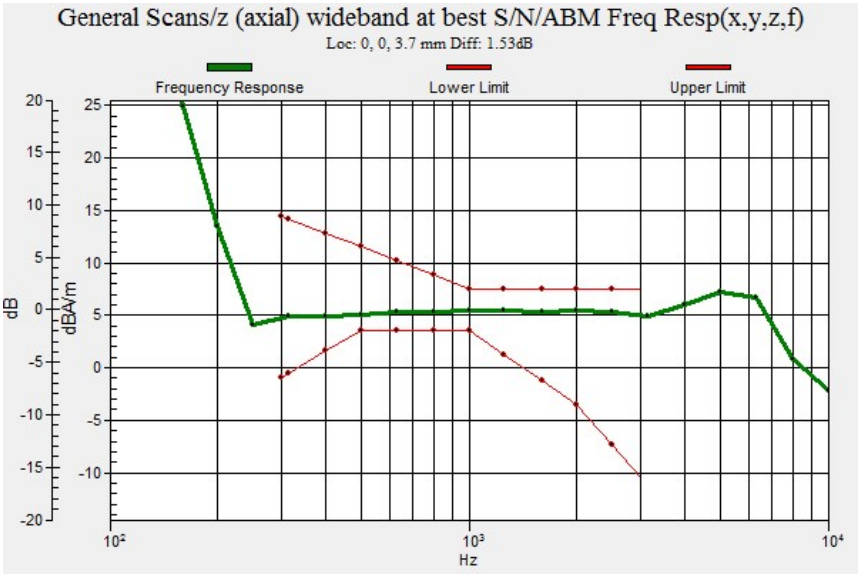
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.76 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.53 dB
BWC Factor = 10.76 dB
Location: 0, 0, 3.7 mm



0 dB = 2.233 A/m = 6.98 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band V-4182CH-Main Antenna

DUT: H1511; 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

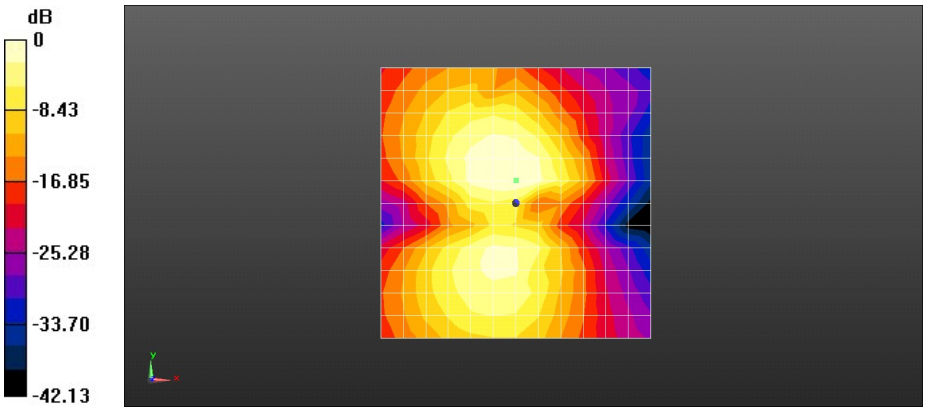
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = -2.03 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.22 dB
ABM1 comp = -2.03 dBA/m
BWC Factor = 0.13 dB
Location: 0, 4.2, 3.7 mm



0 dB = 0.7916 A/m = -2.03 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band V-4182CH-Main Antenna

DUT: H1511; 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: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

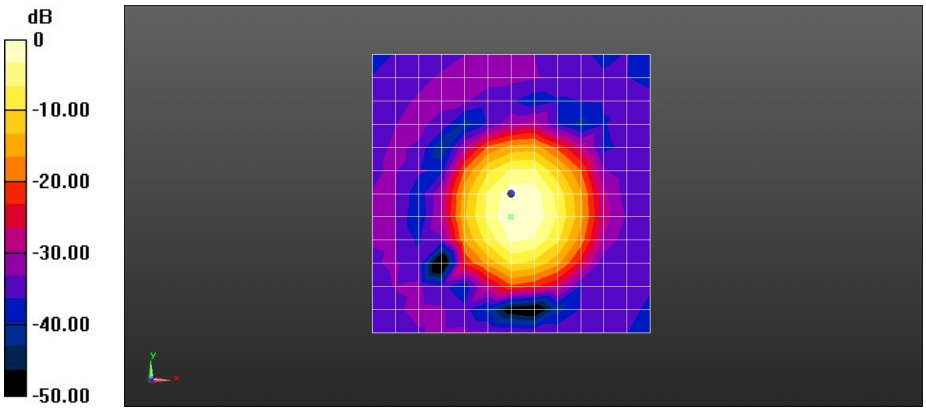
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 7.21 dBA/m
BWC Factor = 0.13 dB
Location: 0, -4.2, 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: 37.54
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.13 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.27 dB
ABM1 comp = 6.07 dBA/m
BWC Factor = 0.13 dB
Location: 0, 0, 3.7 mm



0 dB = 2.293 A/m = 7.21 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-UMTS Band V-4182CH-Main Antenna

DUT:H1511; 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.76 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.59 dBA/m
BWC Factor = 10.76 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):

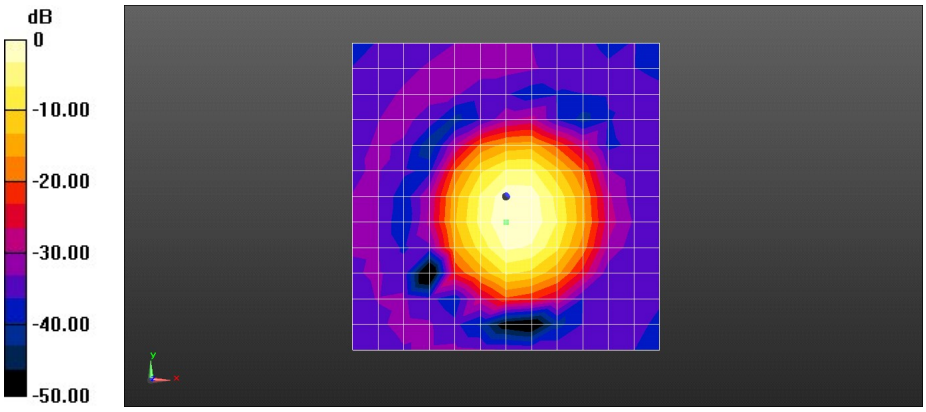
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.76 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.96 dB
ABM1 comp = 5.59 dBA/m
BWC Factor = 10.76 dB
Location: 0, 0, 3.7 mm

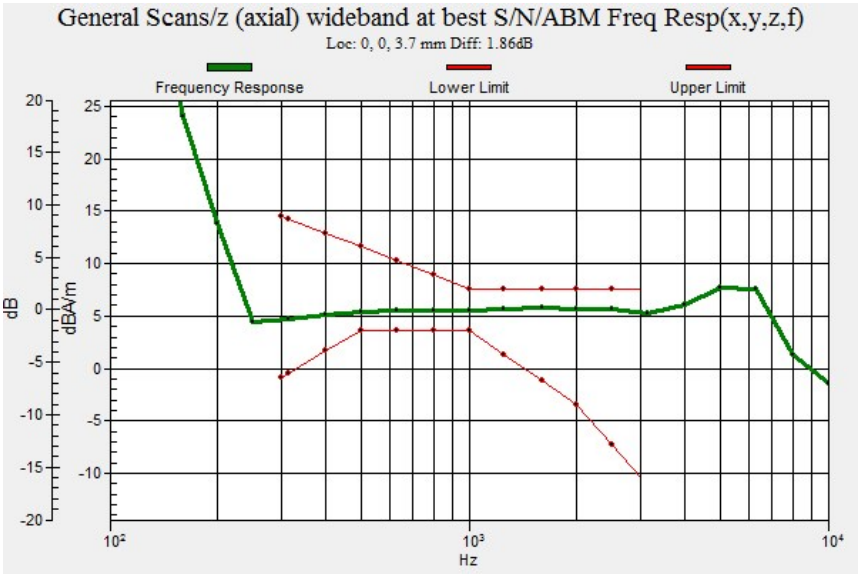
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 73.52
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.76 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.86 dB
BWC Factor = 10.76 dB
Location: 0, 0, 3.7 mm



0 dB = 2.293 A/m = 7.21 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC0 384CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

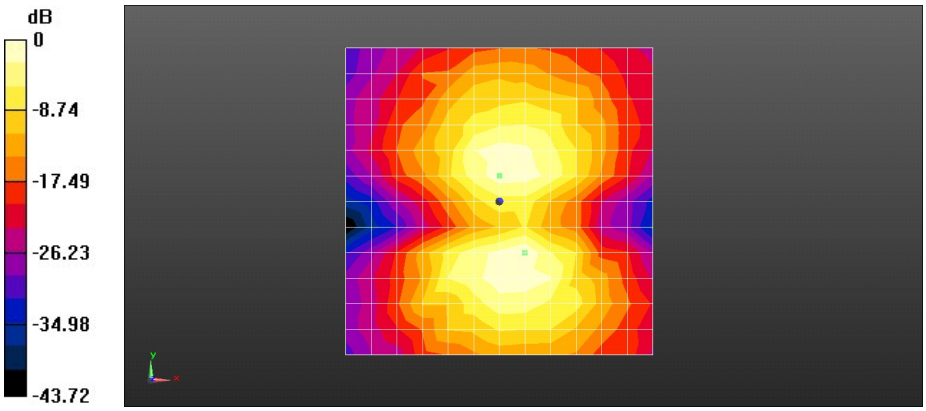
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.82 dBA/m
BWC Factor = 0.15 dB
Location: 4.2, -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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.06 dB
ABM1 comp = 4.60 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 3.7 mm



0 dB = 1.954 A/m = 5.82 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC0 384CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

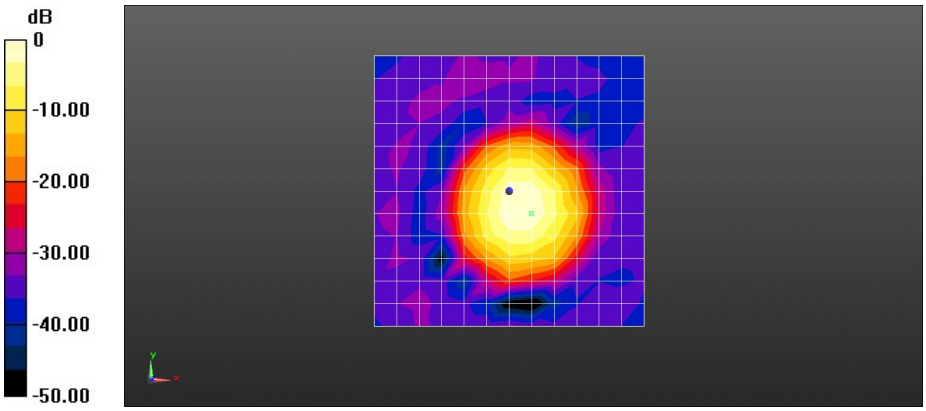
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 14.46 dBA/m
BWC Factor = 0.15 dB
Location: 4.2, -4.2, 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.15 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.32 dB
ABM1 comp = 13.65 dBA/m
BWC Factor = 0.15 dB
Location: 0, 0, 3.7 mm



0 dB = 5.286 A/m = 14.46 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC0 384CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.79 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 12.49 dBA/m
BWC Factor = 10.79 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):

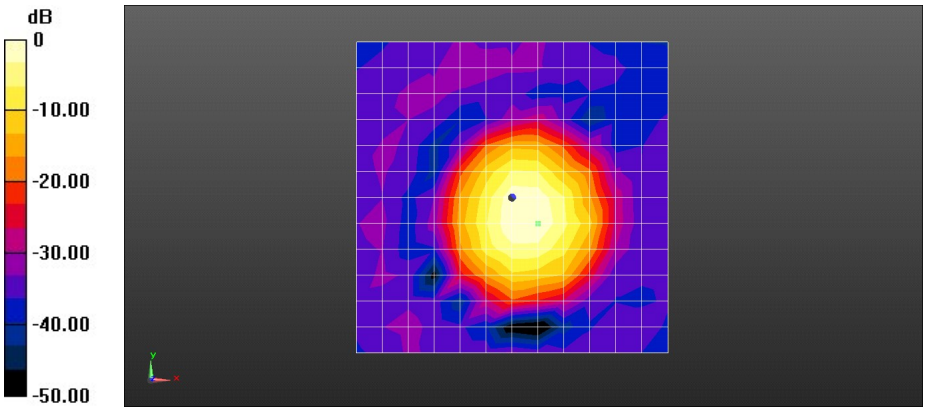
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.79 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.36 dB
ABM1 comp = 12.49 dBA/m
BWC Factor = 10.79 dB
Location: 0, 0, 3.7 mm

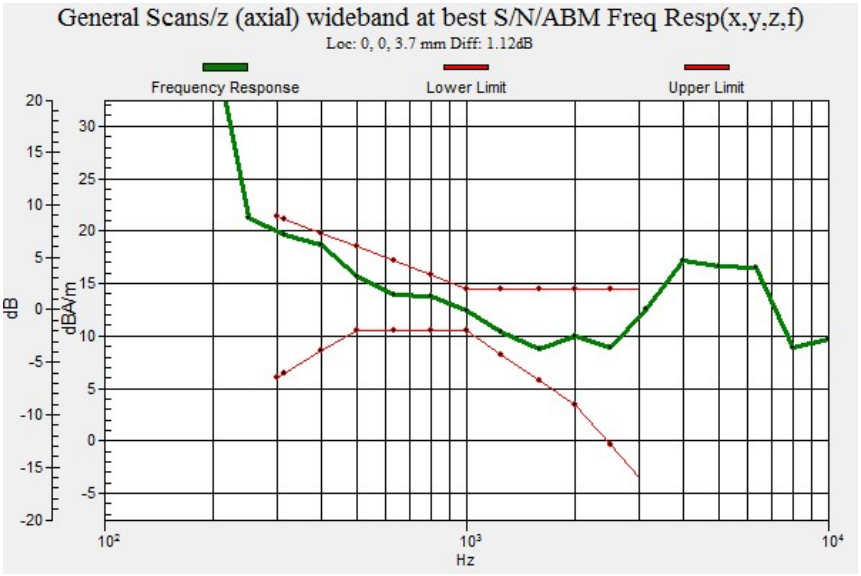
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.79 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.12 dB
BWC Factor = 10.79 dB
Location: 0, 0, 3.7 mm



0 dB = 5.286 A/m = 14.46 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC1 600CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

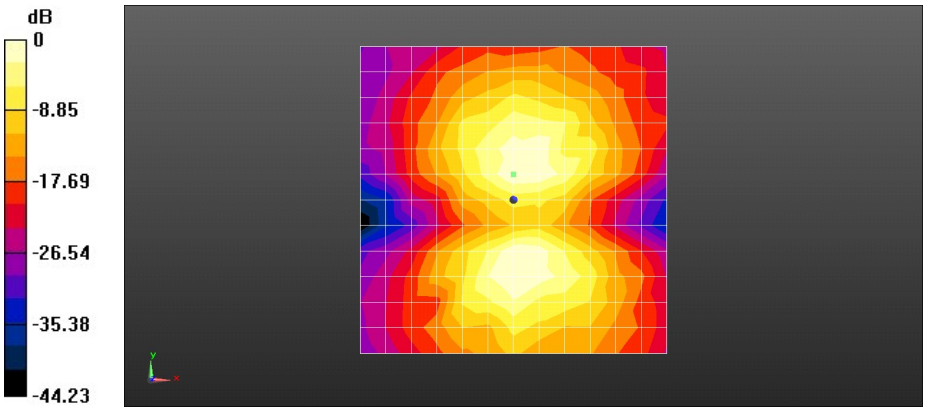
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.99 dBA/m
BWC Factor = 0.14 dB
Location: 0, 4.2, 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.08 dB
ABM1 comp = 5.99 dBA/m
BWC Factor = 0.14 dB
Location: 0, 4.2, 3.7 mm



0 dB = 1.992 A/m = 5.99 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC1 600CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
Phantom section: TCoil Section

DASY Configuration:

- Probe: AM1DV3 - 3067; ; Calibrated: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

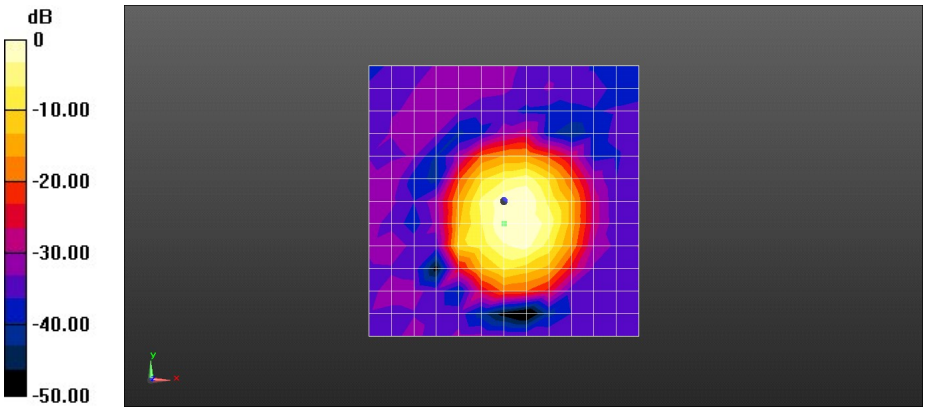
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 13.95 dBA/m
BWC Factor = 0.14 dB
Location: 0, -4.2, 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.27 dB
ABM1 comp = 13.08 dBA/m
BWC Factor = 0.14 dB
Location: 0, 0, 3.7 mm



0 dB = 4.981 A/m = 13.95 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC1 600CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 11.82 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):

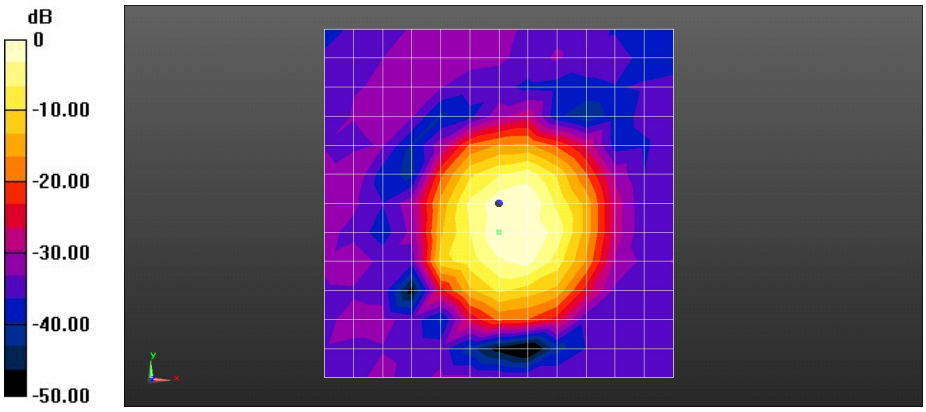
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.17 dB
ABM1 comp = 11.82 dBA/m
BWC Factor = 10.78 dB
Location: 0, 0, 3.7 mm

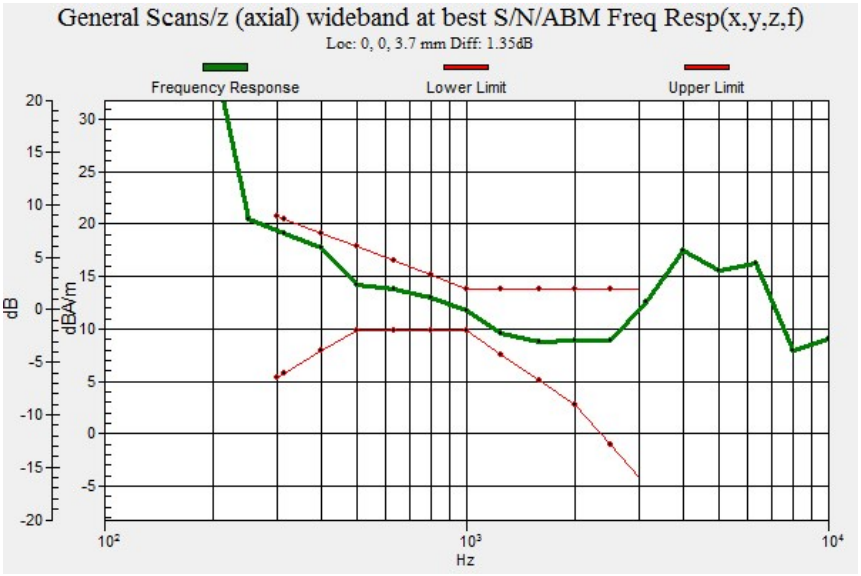
T-Coil scan (scan for ANSI C63.19-2011 compliance)/General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.35 dB
BWC Factor = 10.78 dB
Location: 0, 0, 3.7 mm



0 dB = 4.981 A/m = 13.95 dBA/m



Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC10 565CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); Frequency: 820.125 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

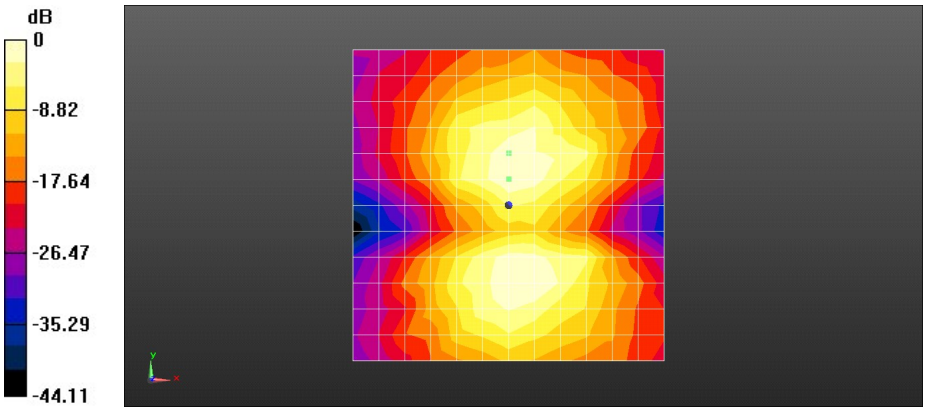
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 5.10 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.21 dB
ABM1 comp = 4.99 dBA/m
BWC Factor = 0.14 dB
Location: 0, 4.2, 3.7 mm



0 dB = 1.799 A/m = 5.10 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC10 565CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); Frequency: 820.125 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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):

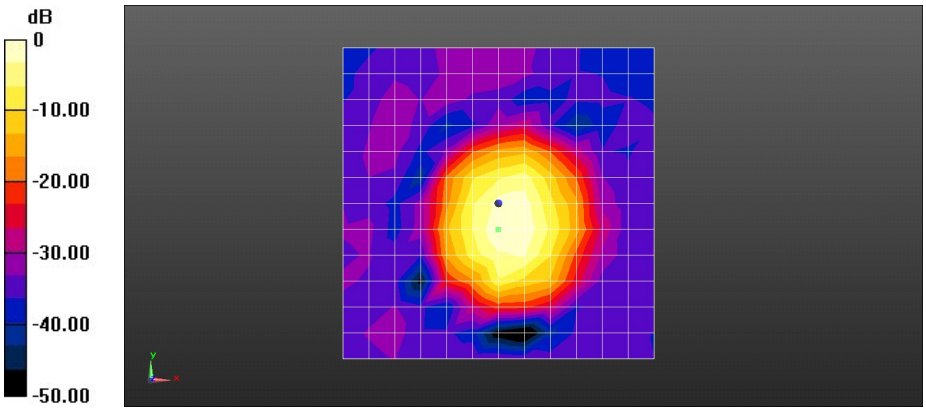
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 14.55 dBA/m
BWC Factor = 0.14 dB
Location: 0, -4.2, 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: 29.82
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.14 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.43 dB
ABM1 comp = 14.55 dBA/m
BWC Factor = 0.14 dB
Location: 0, -4.2, 3.7 mm



0 dB = 5.340 A/m = 14.55 dBA/m

Date: 2015-8-15

Test Laboratory: HUAWEI SAR/HAC Lab

HAC-T-Coil-H1511-CDMA BC10 565CH-Main Antenna

DUT: H1511; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-CDMA2000 (0); Frequency: 820.125 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: 2014-12-9
- Sensor-Surface: 0mm (Fix Surface), z = 3.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1053
- 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: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1 comp = 12.33 dBA/m
BWC Factor = 10.78 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):

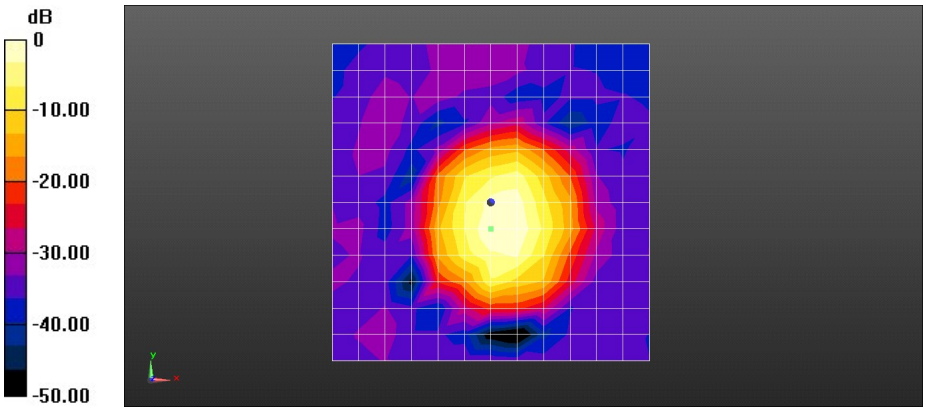
Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.52 dB
ABM1 comp = 12.33 dBA/m
BWC Factor = 10.78 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: 58.4
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.78 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
Diff = 1.15 dB
BWC Factor = 10.78 dB
Location: 0, -4.2, 3.7 mm



0 dB = 5.340 A/m = 14.55 dBA/m