



Appendix A

Detailed Test Results

1. GSM
GSM850 for T-coil
GSM1900 for T-coil
2. WCDMA
WCDMA Band II for T-coil
WCDMA Band IV for T-coil
WCDMA Band V for T-coil
3. LTE
LTE Band 2 for T-coil
LTE Band 5 for T-coil
LTE Band 7 for T-coil
LTE Band 12 for T-coil
LTE Band 13 for T-coil
LTE Band 66 for T-coil
4. WIFI
WIFI 2.4G for T-coil

Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM850 GSM Voice 190CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

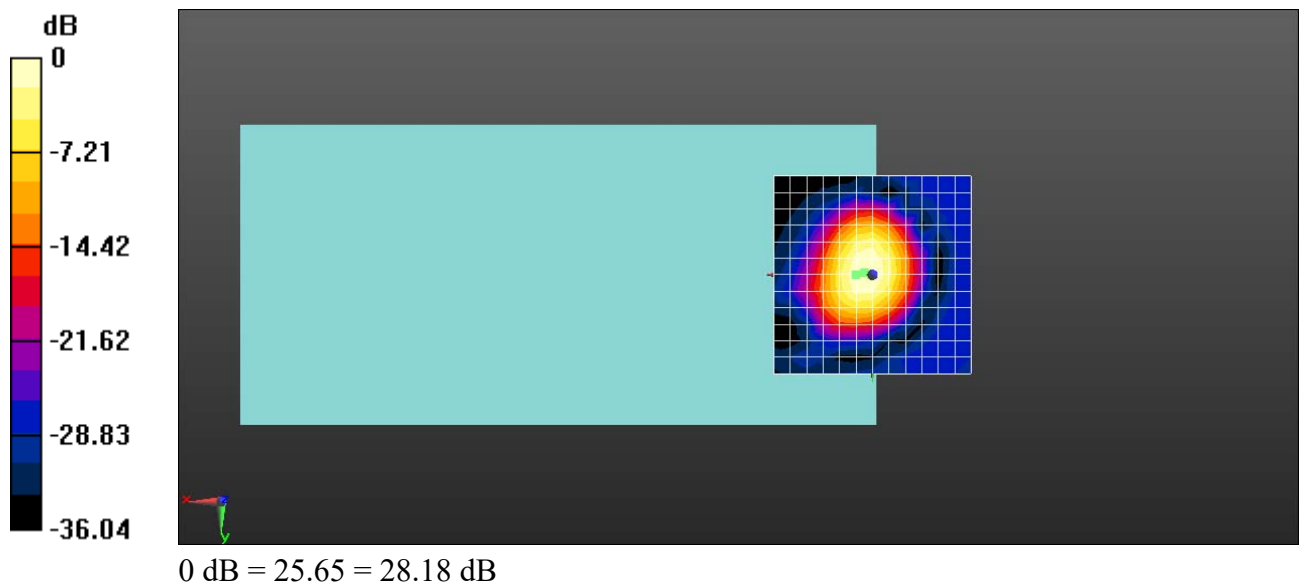
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.18 dB

ABM1 comp = 0.98 dBA/m

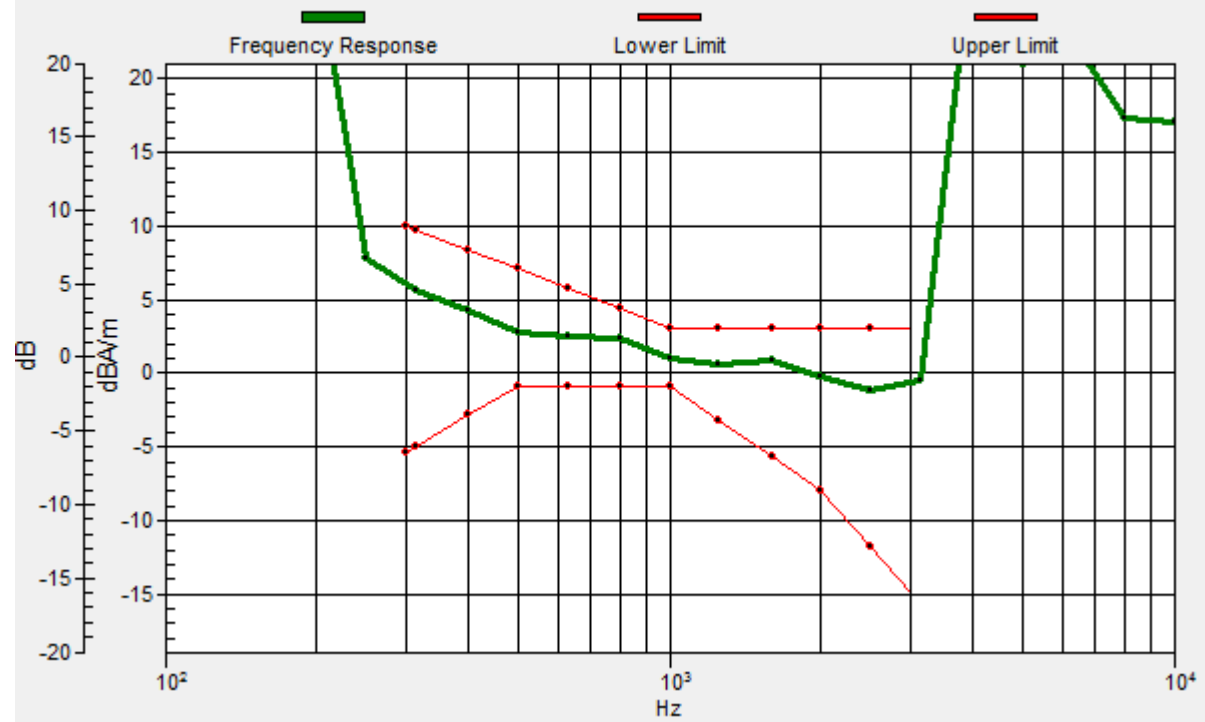
BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 1.9, -0.5, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM850 GSM Voice 190CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

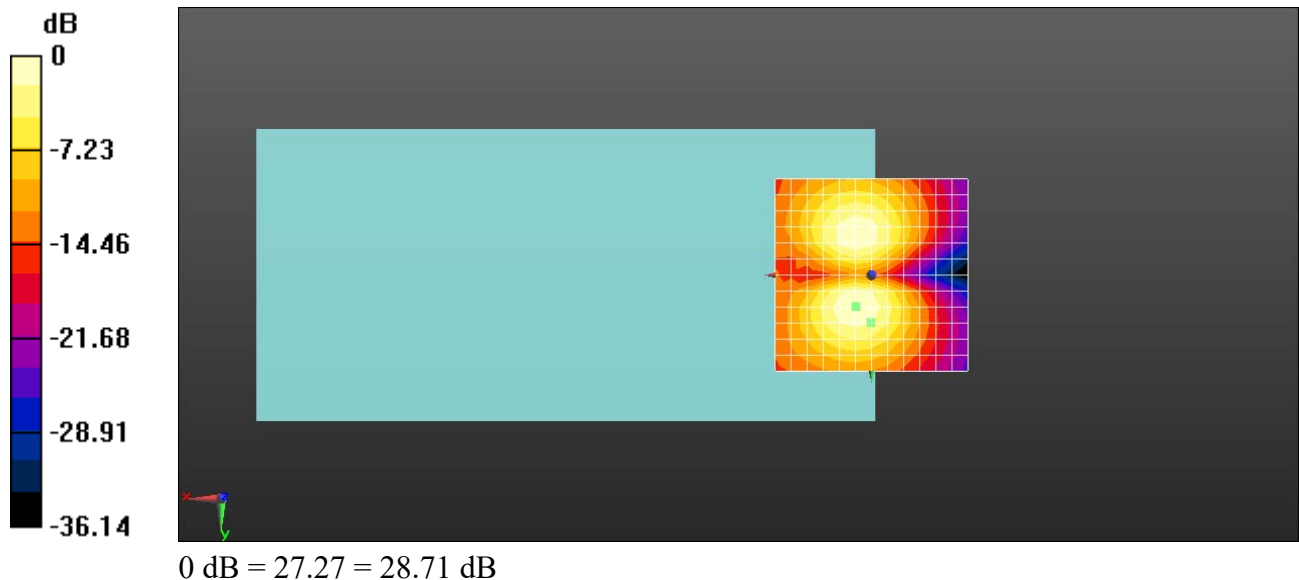
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.71 dB

ABM1 comp = -7.81 dBA/m

BWC Factor = 0.15 dB

Location: 0, 12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM850 EGPRS 4TS 190CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

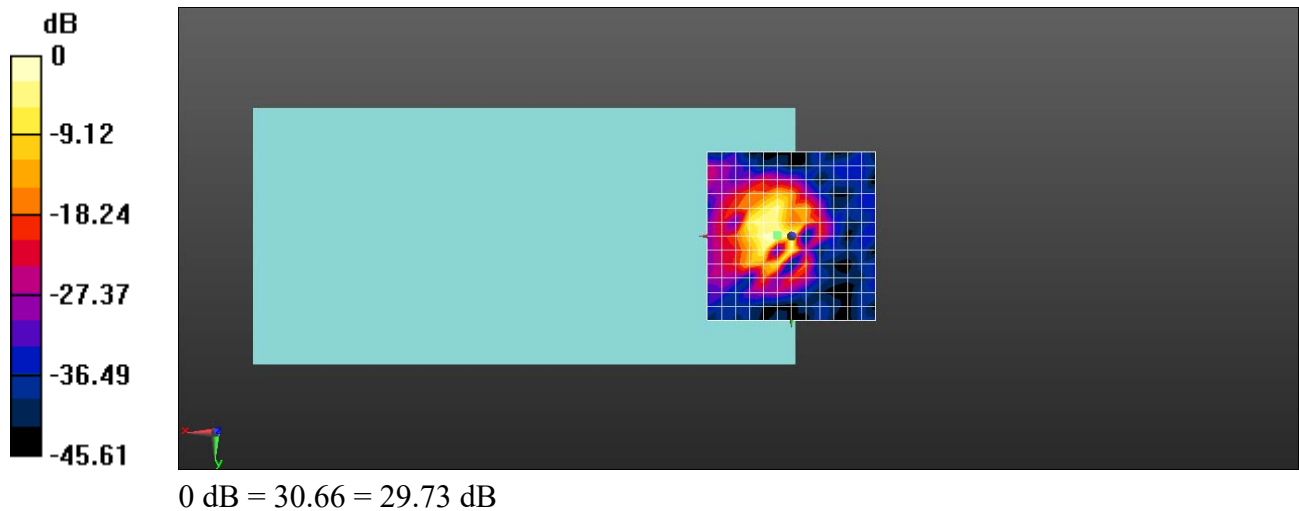
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.73 dB

ABM1 comp = -1.25 dBA/m

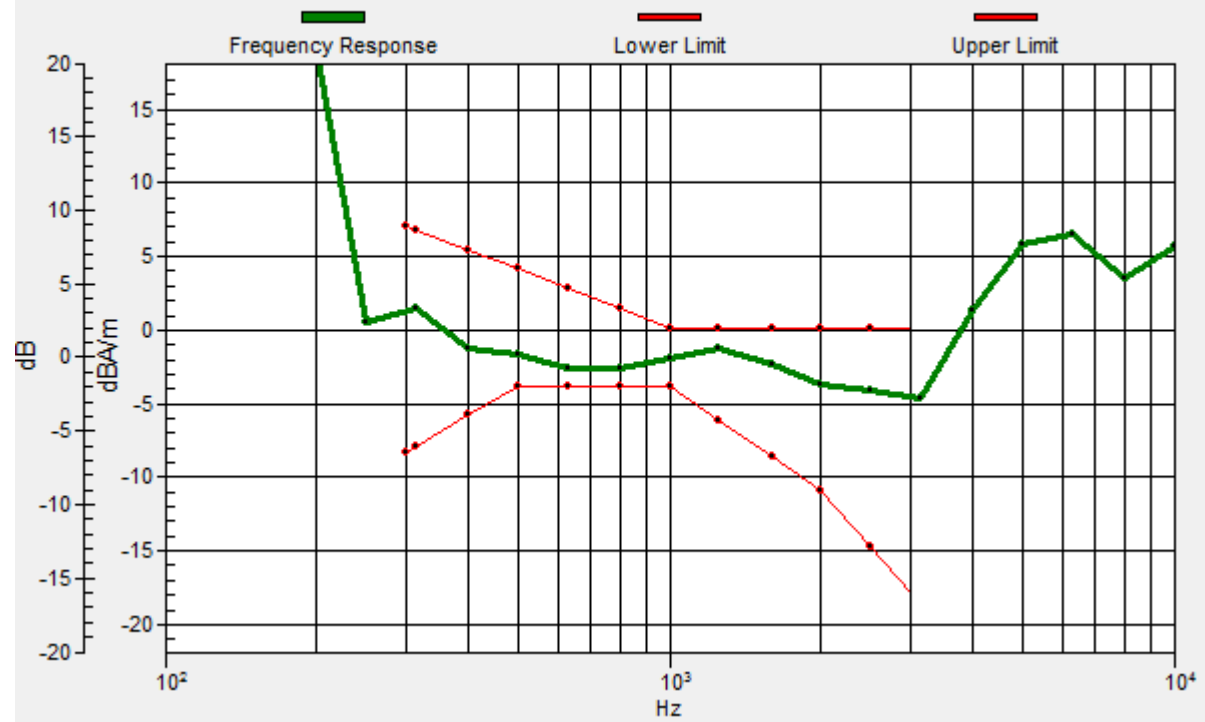
BWC Factor = 0.19 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.3, -0.4, 3.7 mm Diff: 1.26dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM850 EGPRS 4TS 190CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50 2/ABM SNR(x,y,z)

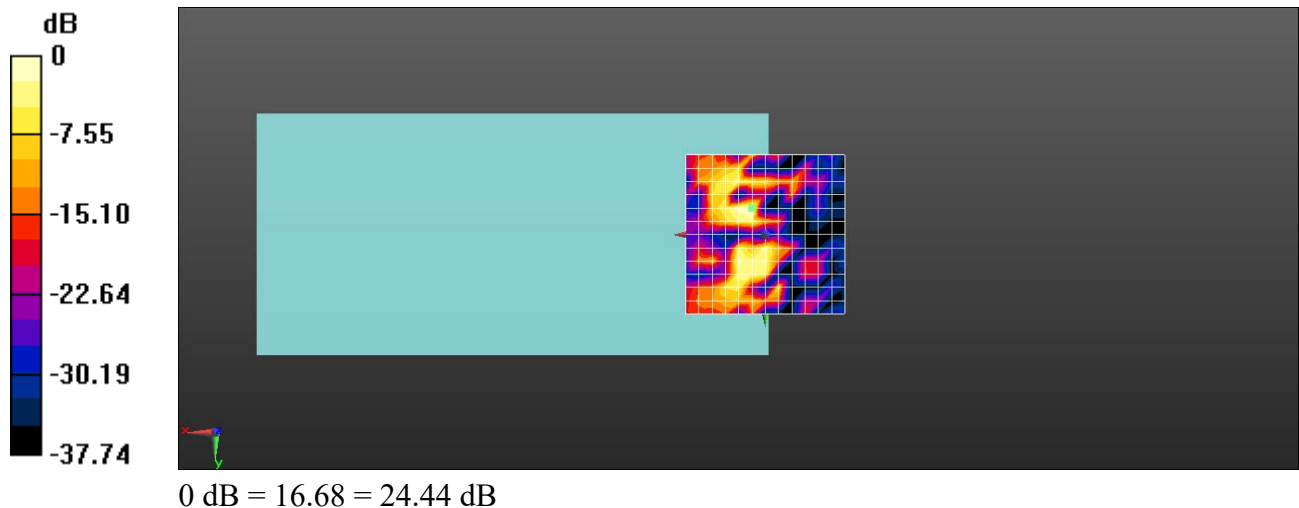
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 24.44 dB

ABM1 comp = -12.58 dBA/m

BWC Factor = 0.19 dB

Location: 4.2, -8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM850 GSM Voice 190CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

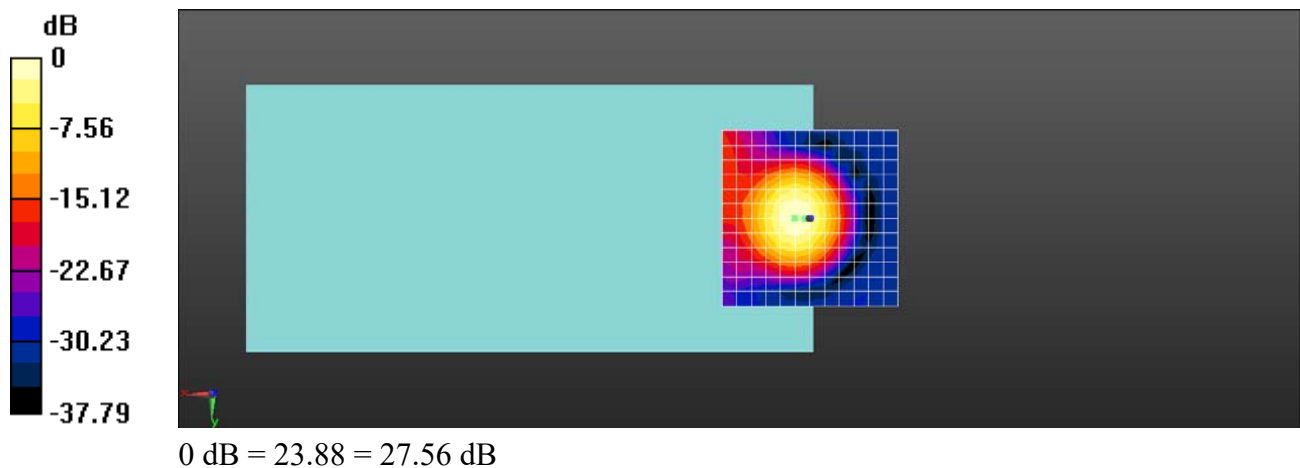
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 27.56 dB

ABM1 comp = -0.32 dBA/m

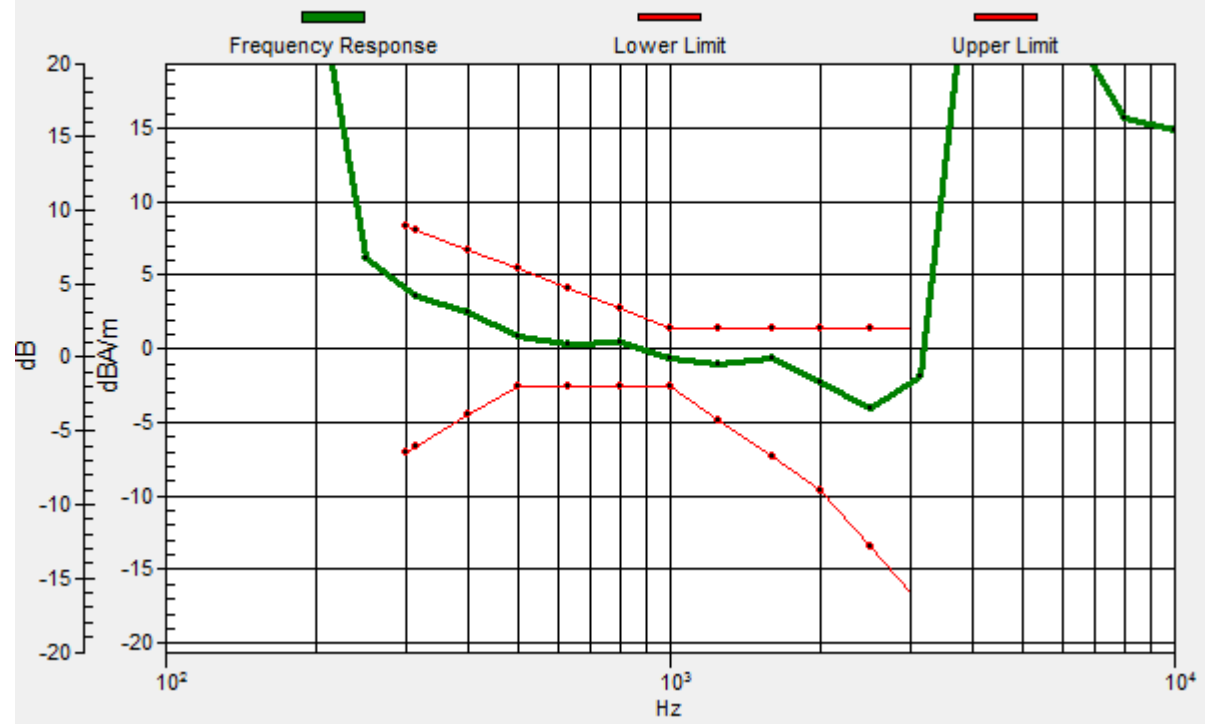
BWC Factor = 0.16 dB

Location: 0, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 1.3, 0.1, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM850 GSM Voice 190CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

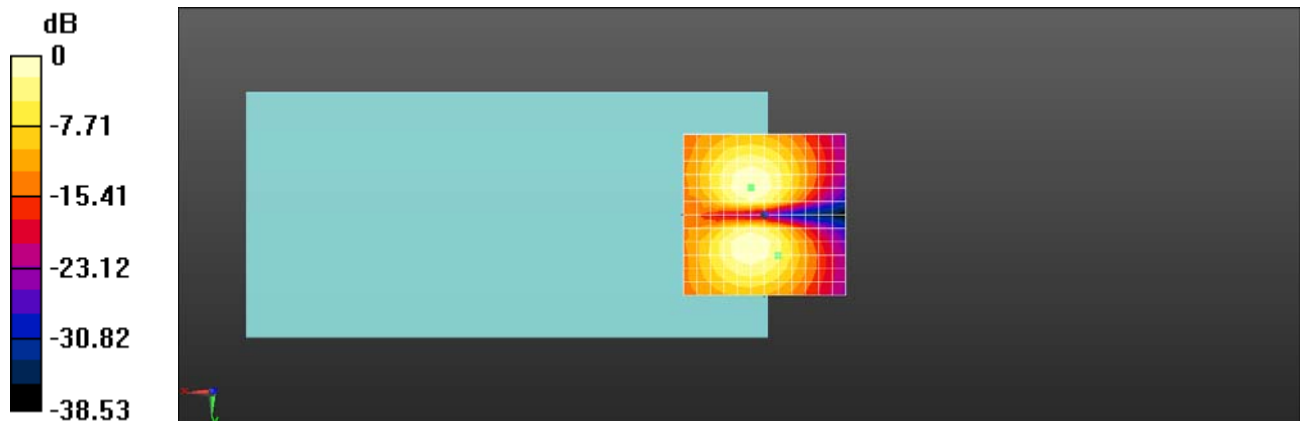
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 26.30 dB

ABM1 comp = -11.18 dBA/m

BWC Factor = 0.16 dB

Location: -4.2, 12.5, 3.7 mm



0 dB = 20.65 = 26.30 dB

Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM1900 GSM Voice 661CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

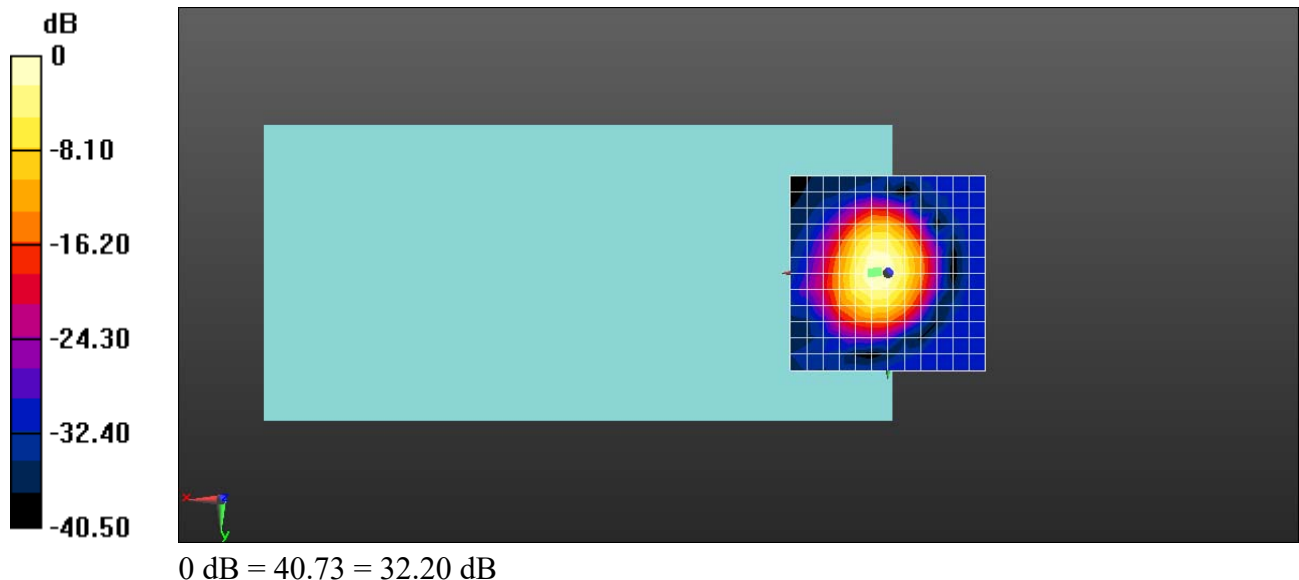
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.20 dB

ABM1 comp = 2.84 dBA/m

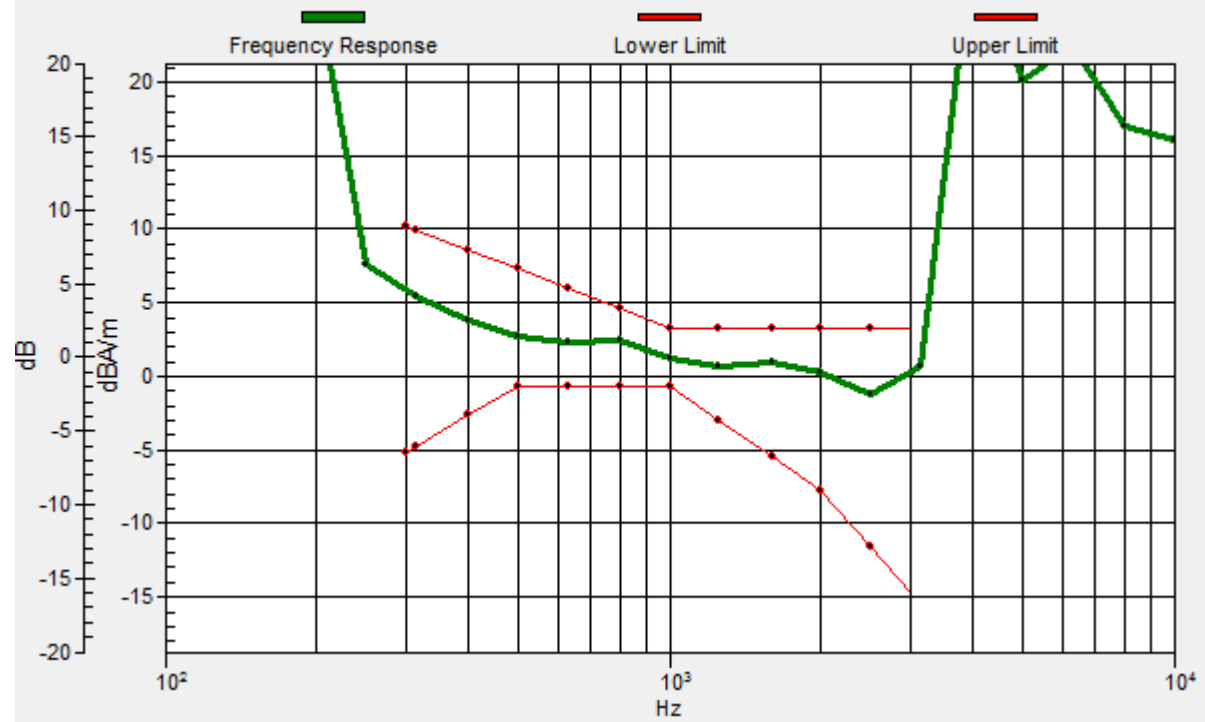
BWC Factor = 0.16 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 2.6, -0.4, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM1900 GSM Voice 661CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

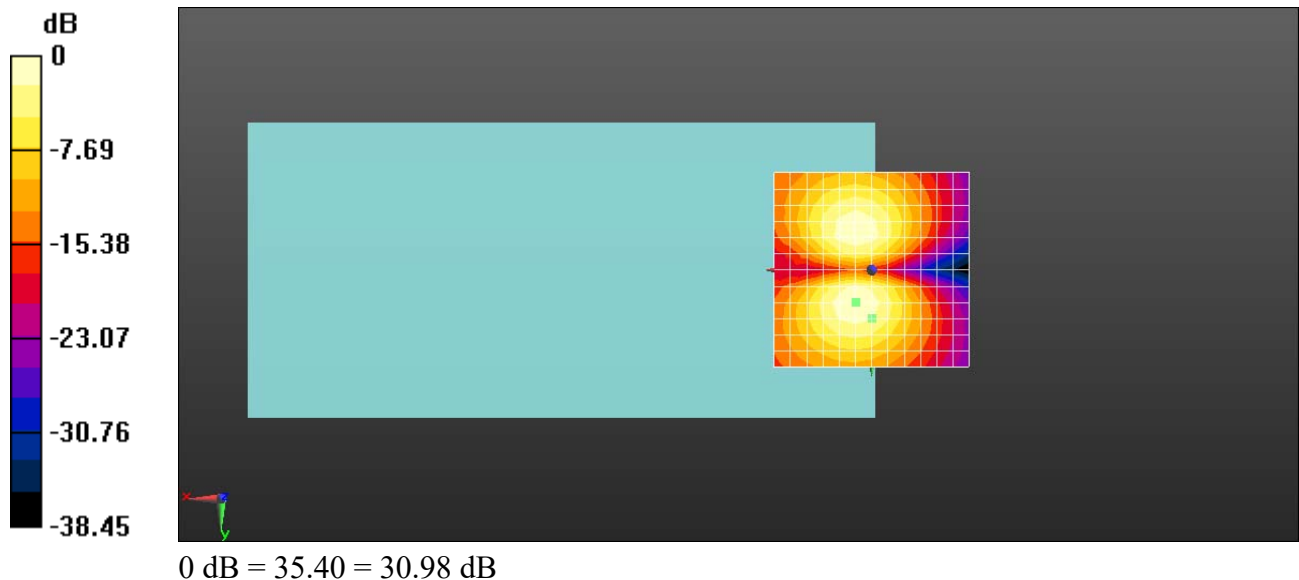
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.98 dB

ABM1 comp = -7.59 dBA/m

BWC Factor = 0.16 dB

Location: 0, 12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM1900 EGPRS 4TS 661CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.0797

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

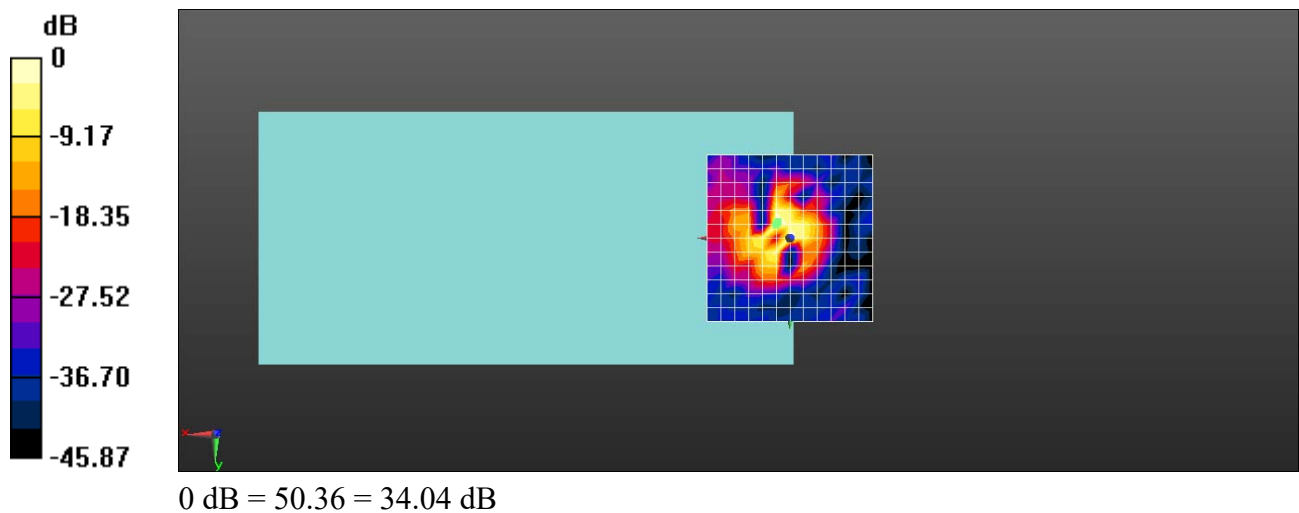
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.04 dB

ABM1 comp = 2.47 dBA/m

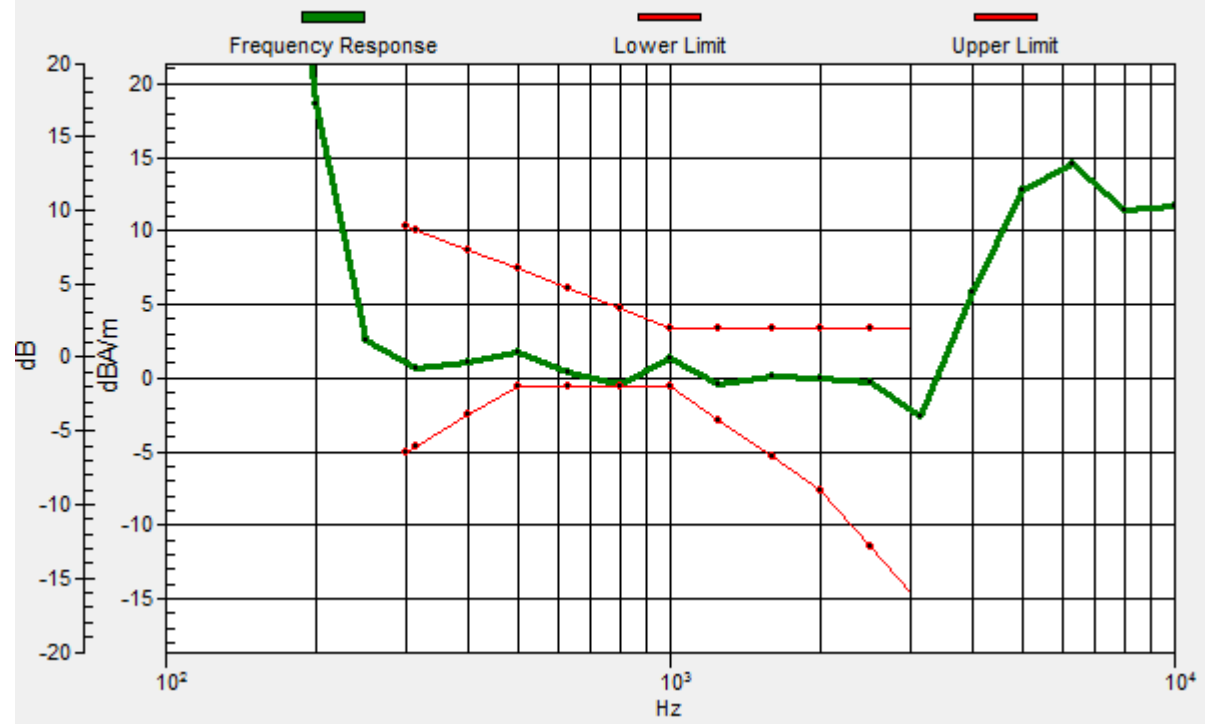
BWC Factor = 0.17 dB

Location: 4.2, -4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.5, -4.9, 3.7 mm Diff: 0.18dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-GSM1900 EGPRS 4TS 661CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.0797

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

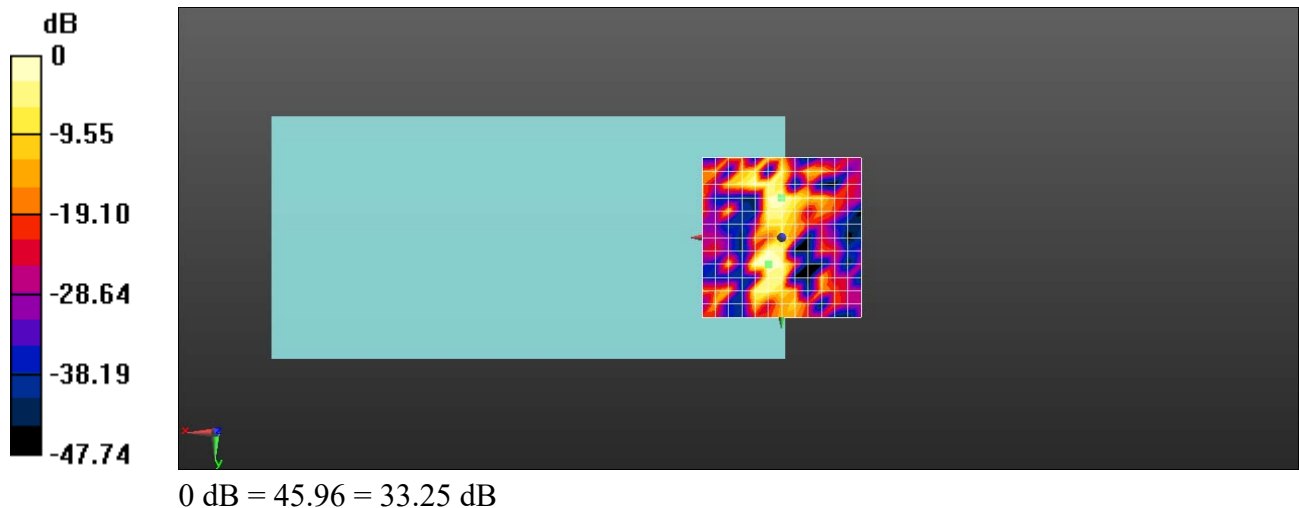
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.25 dB

ABM1 comp = -7.01 dBA/m

BWC Factor = 0.17 dB

Location: 0, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

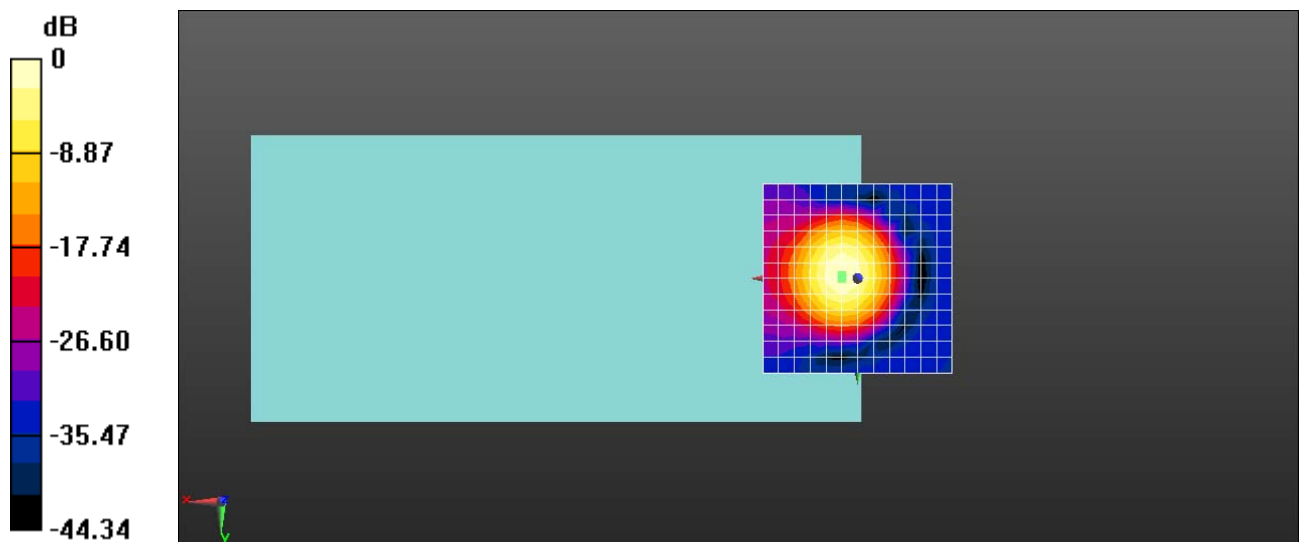
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.13 dB

ABM1 comp = 2.22 dBA/m

BWC Factor = 0.16 dB

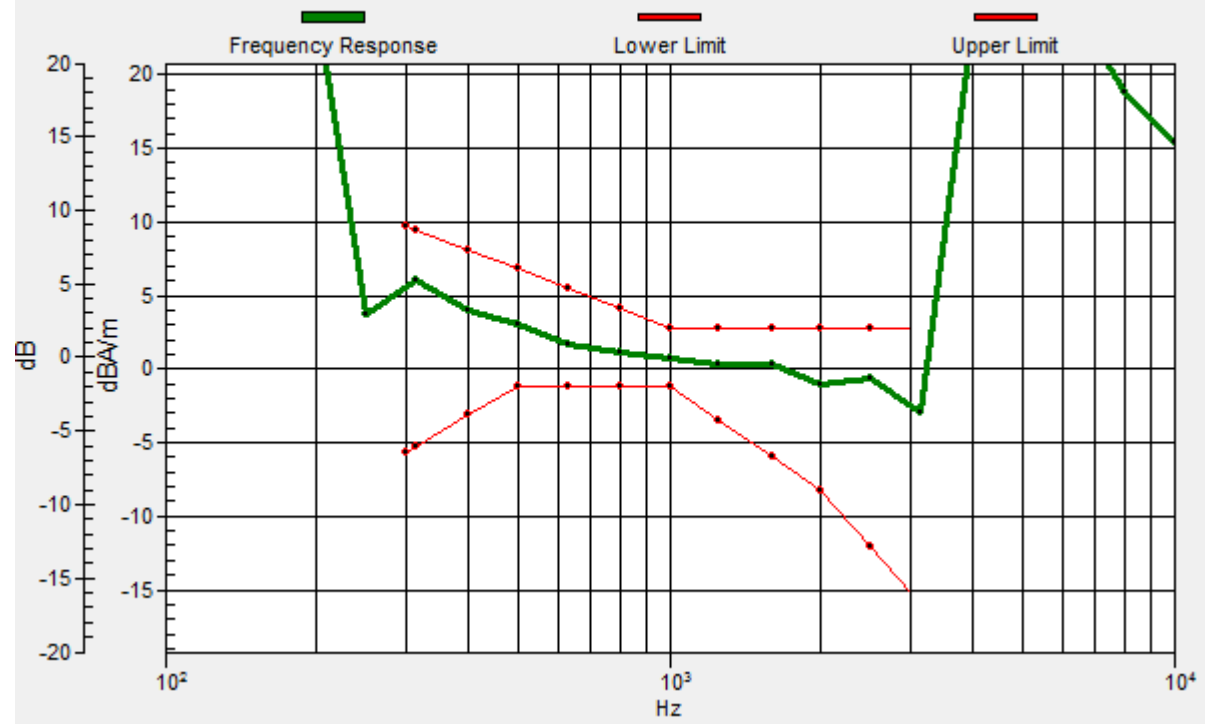
Location: 4.2, 0, 3.7 mm



0 dB = 57.11 = 35.13 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, -0.9, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

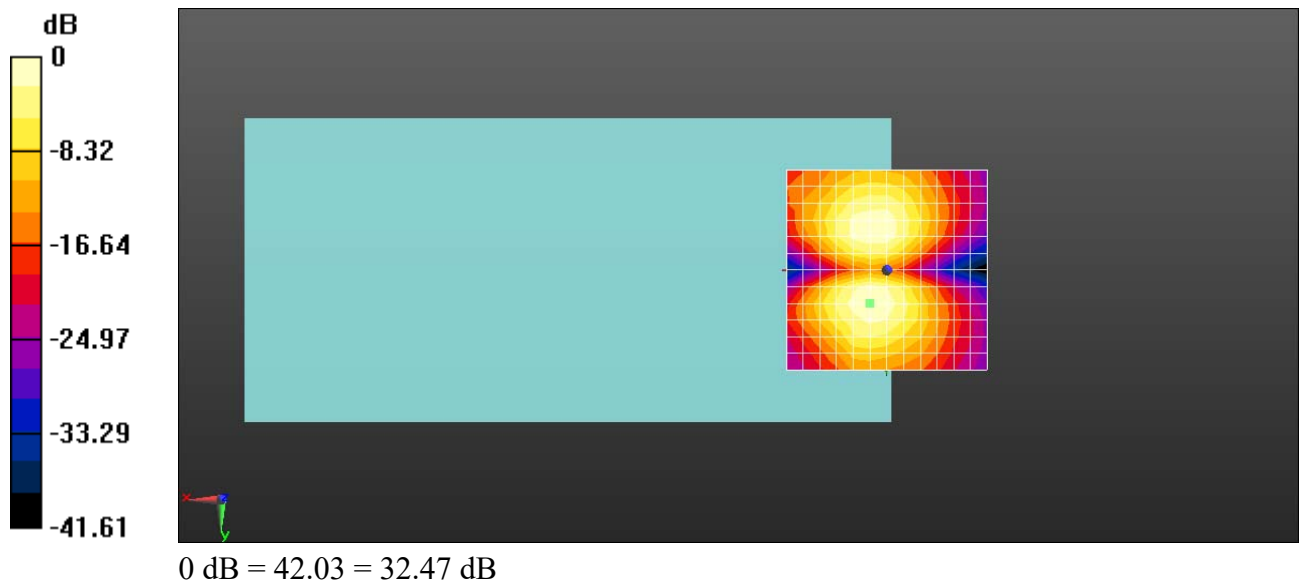
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.47 dB

ABM1 comp = -6.00 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band II HSPA 9400CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

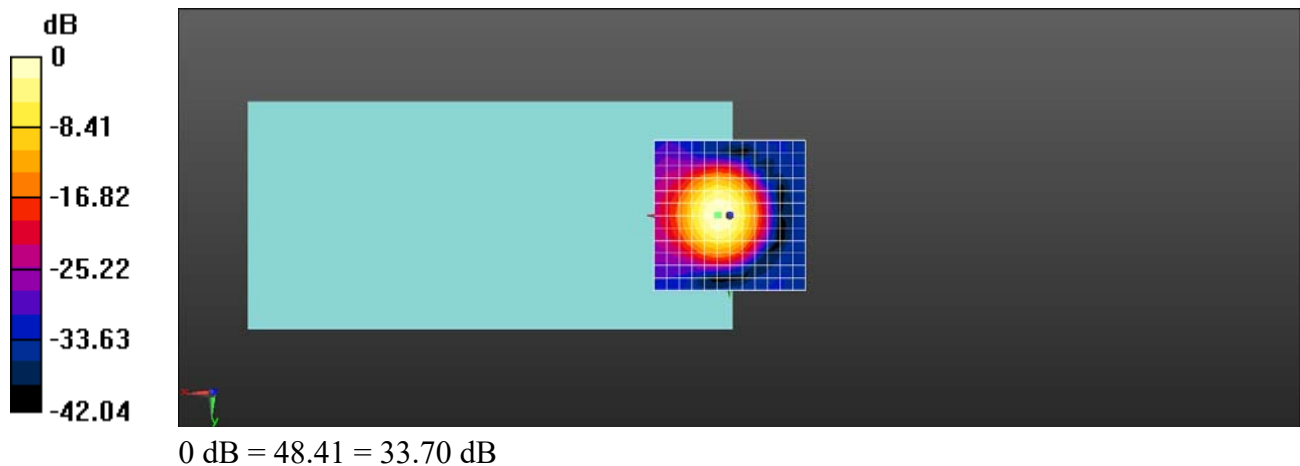
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.70 dB

ABM1 comp = 3.28 dBA/m

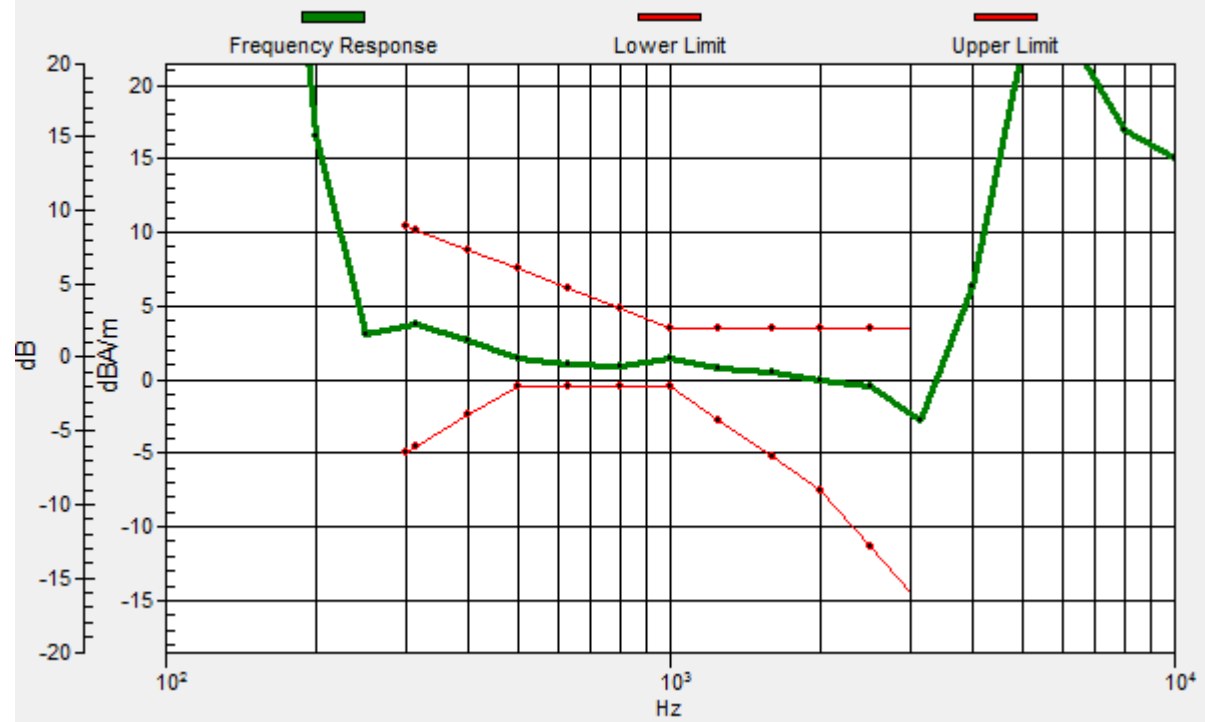
BWC Factor = 0.16 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.7, -0.2, 3.7 mm Diff: 1.42dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band II HSPA 9400CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

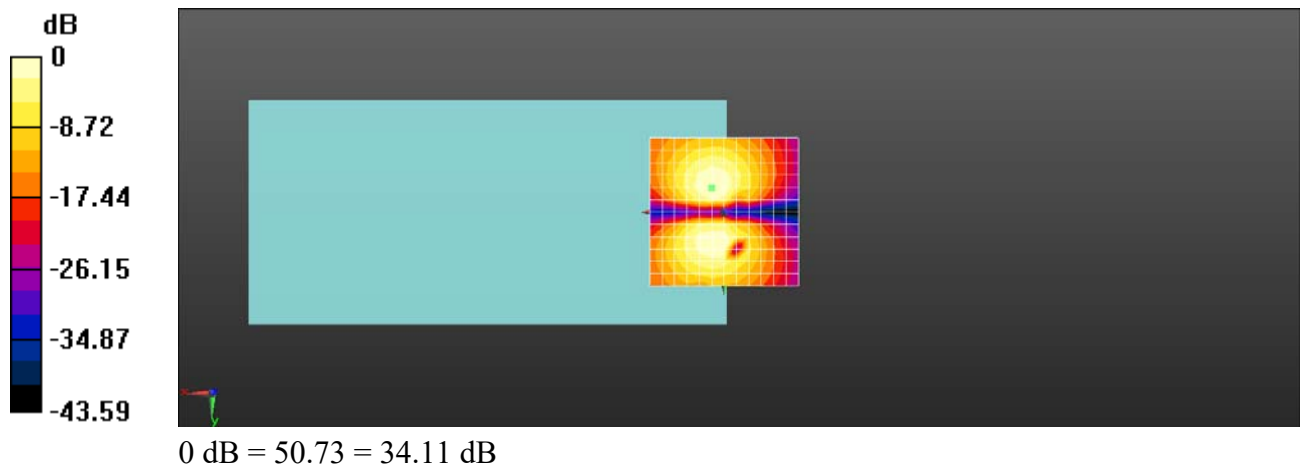
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.11 dB

ABM1 comp = -5.02 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, -8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

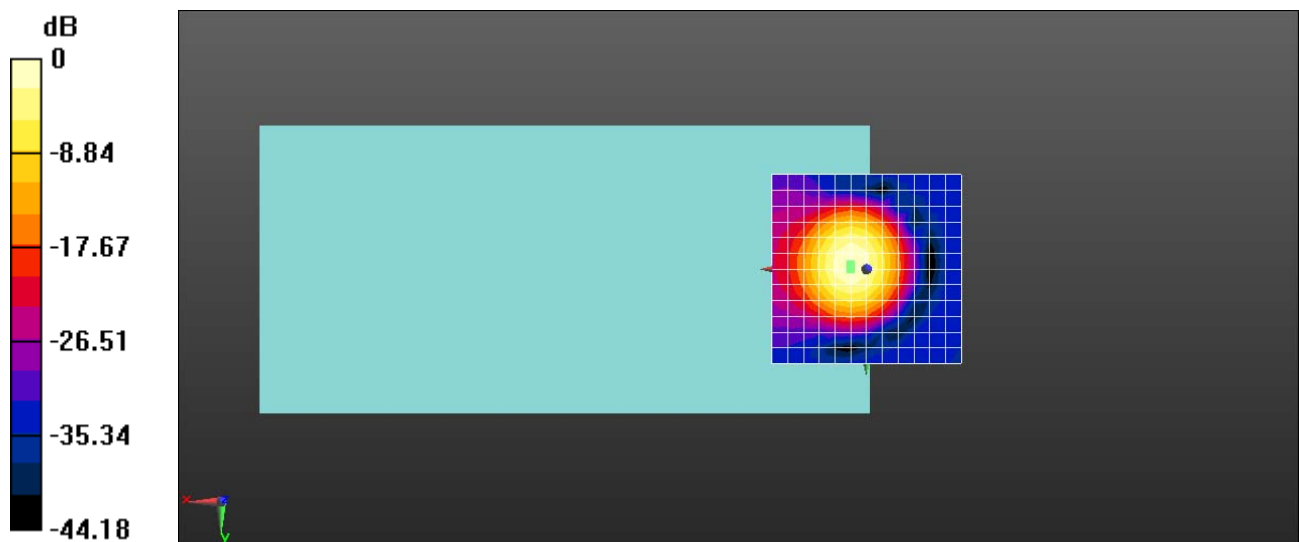
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.74 dB

ABM1 comp = 2.14 dBA/m

BWC Factor = 0.16 dB

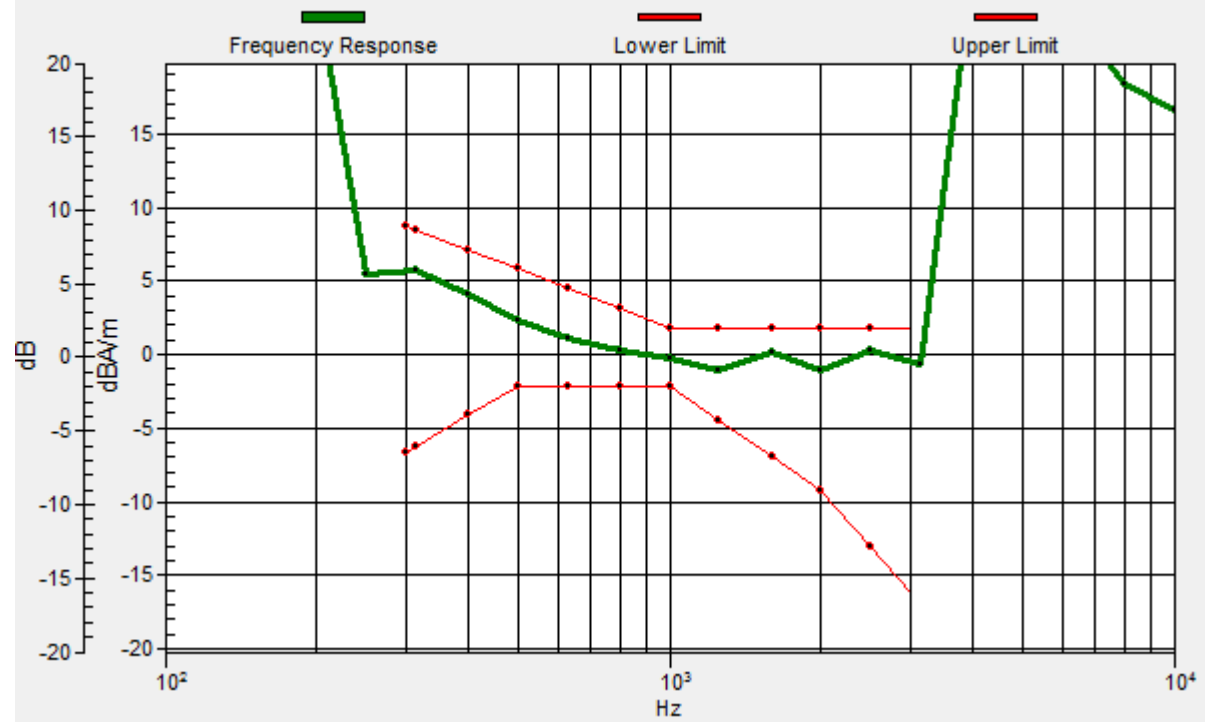
Location: 4.2, 0, 3.7 mm



0 dB = 54.55 = 34.74 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, -1.2, 3.7 mm Diff: 1.58dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

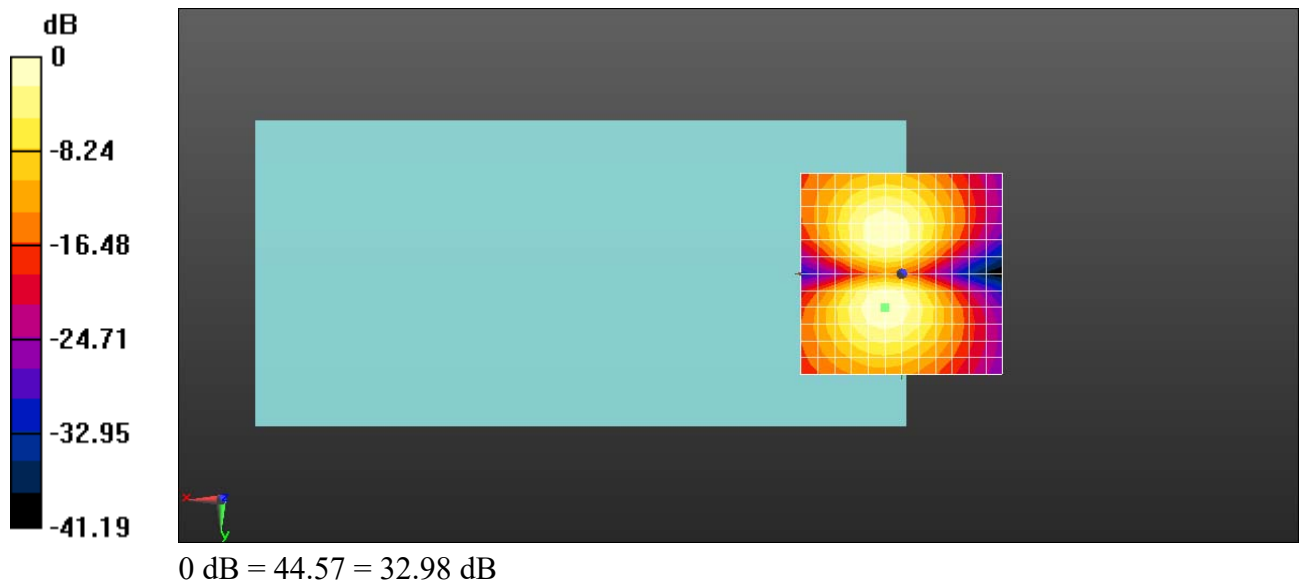
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.98 dB

ABM1 comp = -5.99 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band IV HSPA 1412CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

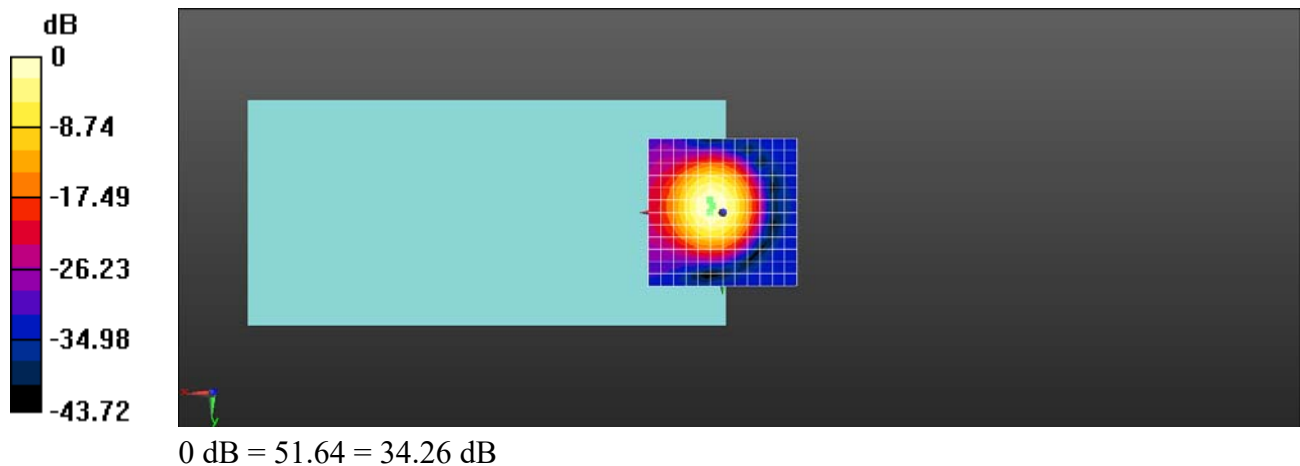
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.26 dB

ABM1 comp = 2.64 dBA/m

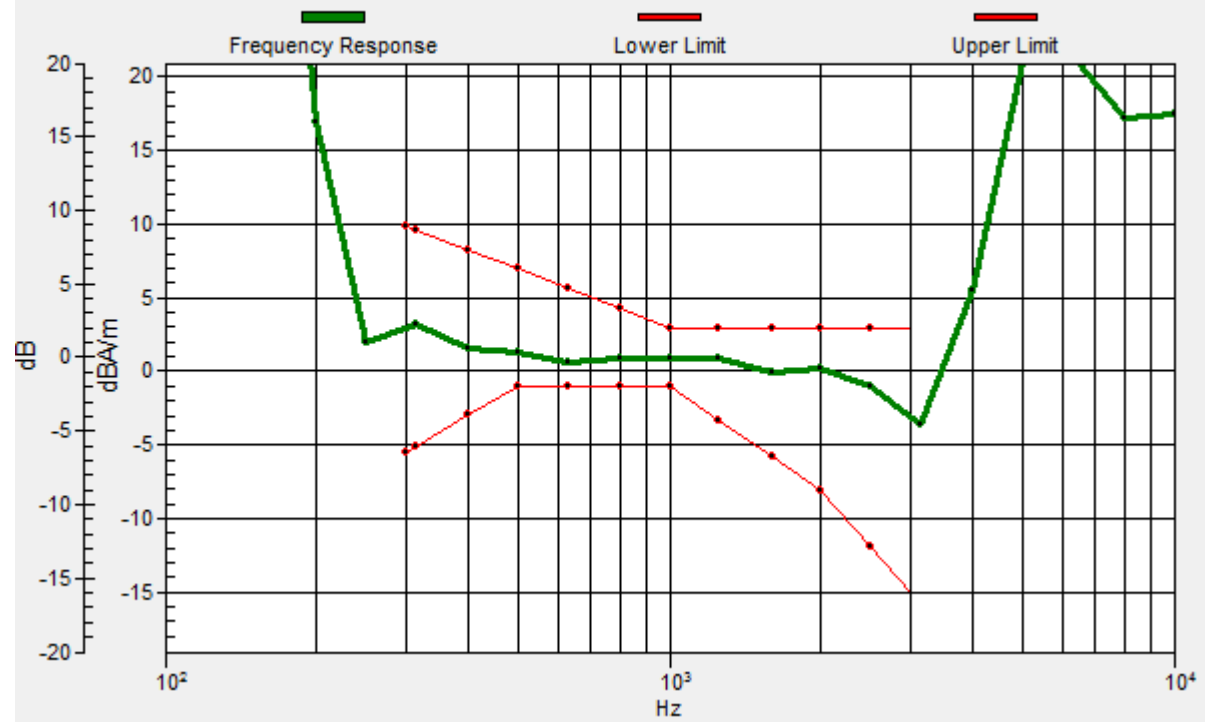
BWC Factor = 0.16 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.5, -2.1, 3.7 mm Diff: 1.6dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band IV HSPA 1412CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

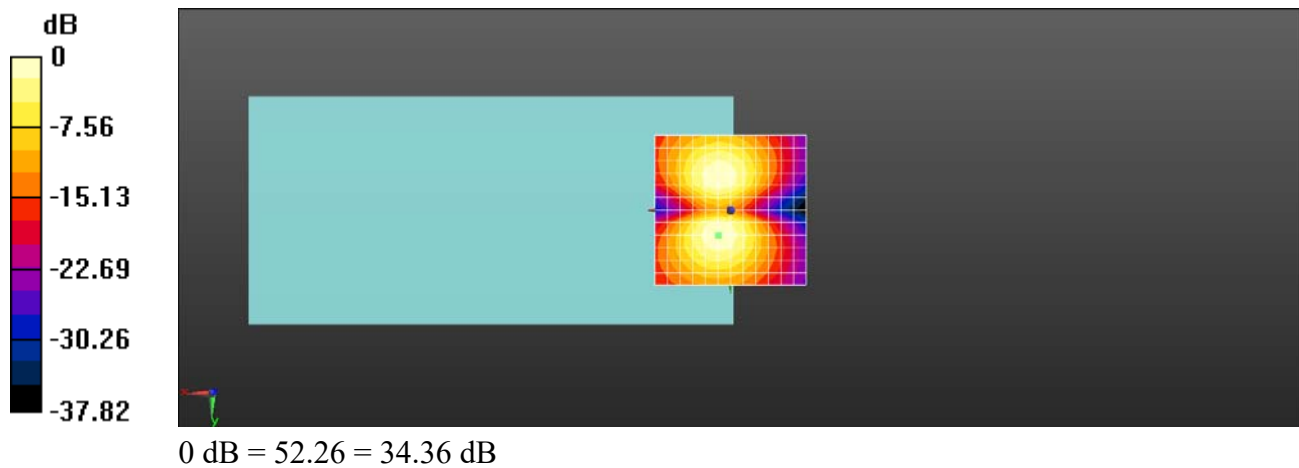
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.36 dB

ABM1 comp = -5.29 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

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

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

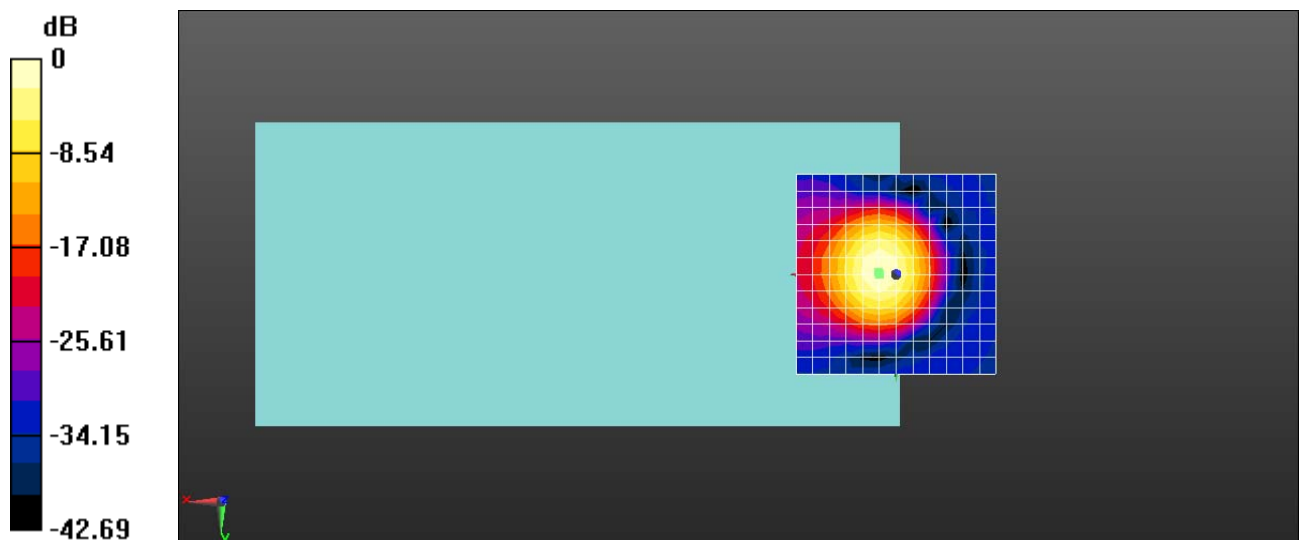
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.59 dB

ABM1 comp = 2.92 dBA/m

BWC Factor = 0.16 dB

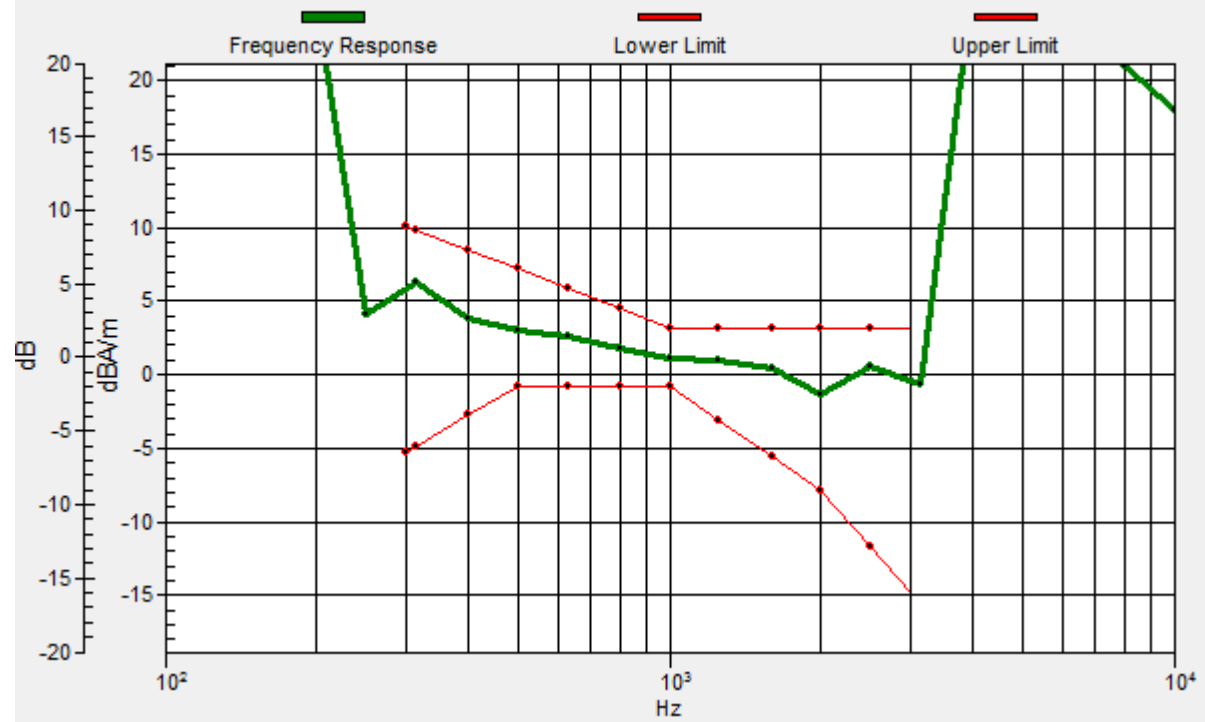
Location: 4.2, 0, 3.7 mm



0 dB = 60.21 = 35.59 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.3, -0.7, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

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

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

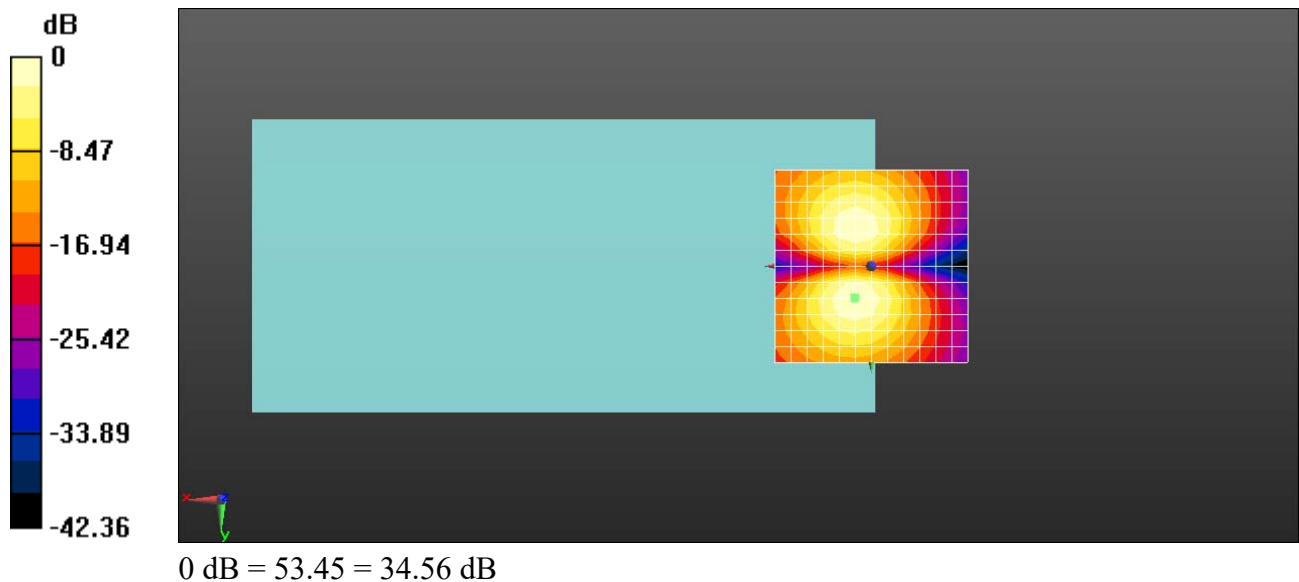
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.56 dB

ABM1 comp = -5.39 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band V HSPA 4182CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

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

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

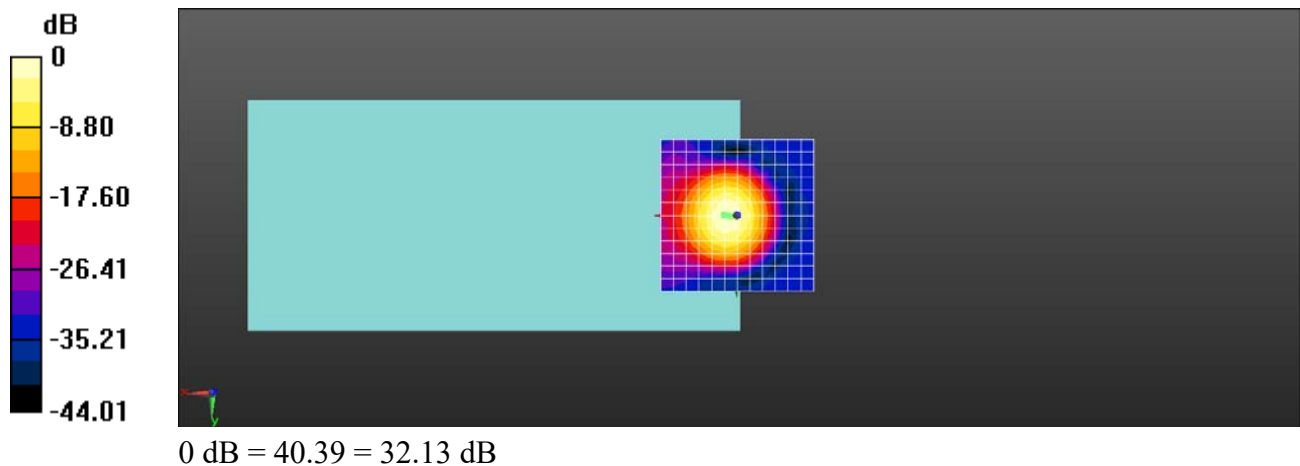
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.13 dB

ABM1 comp = 3.51 dBA/m

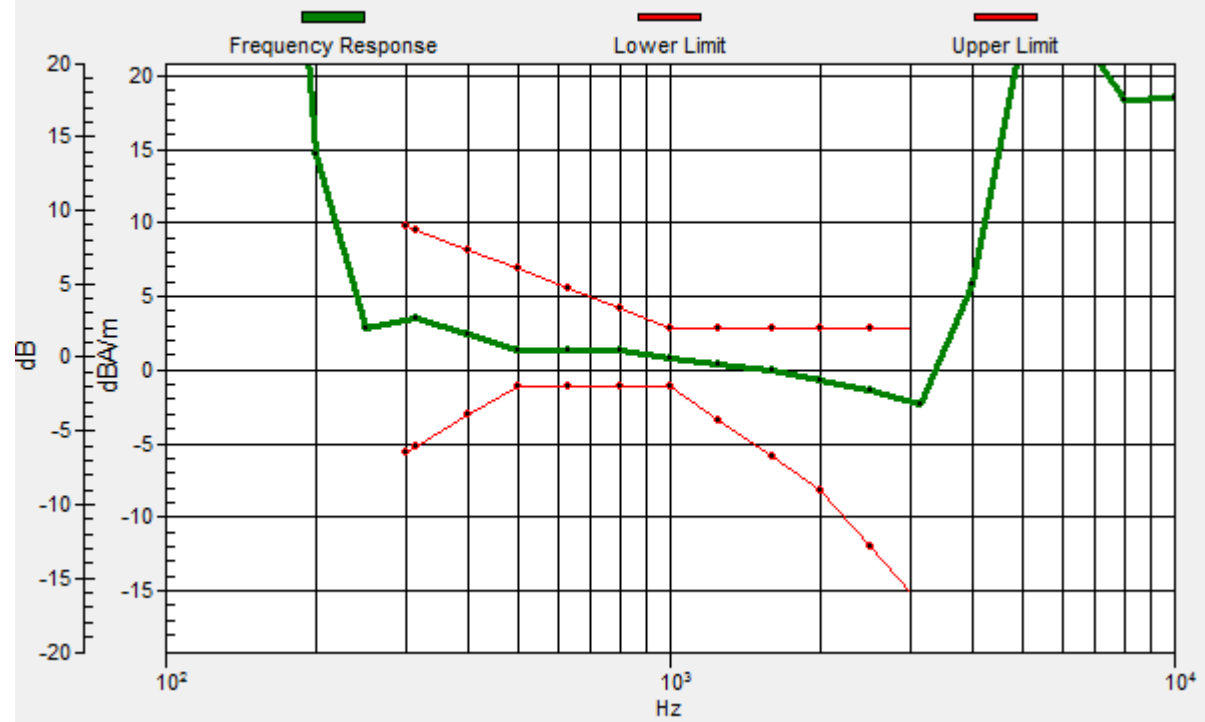
BWC Factor = 0.15 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 2, 0.3, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WCDMA Band V HSPA 4182CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

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

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

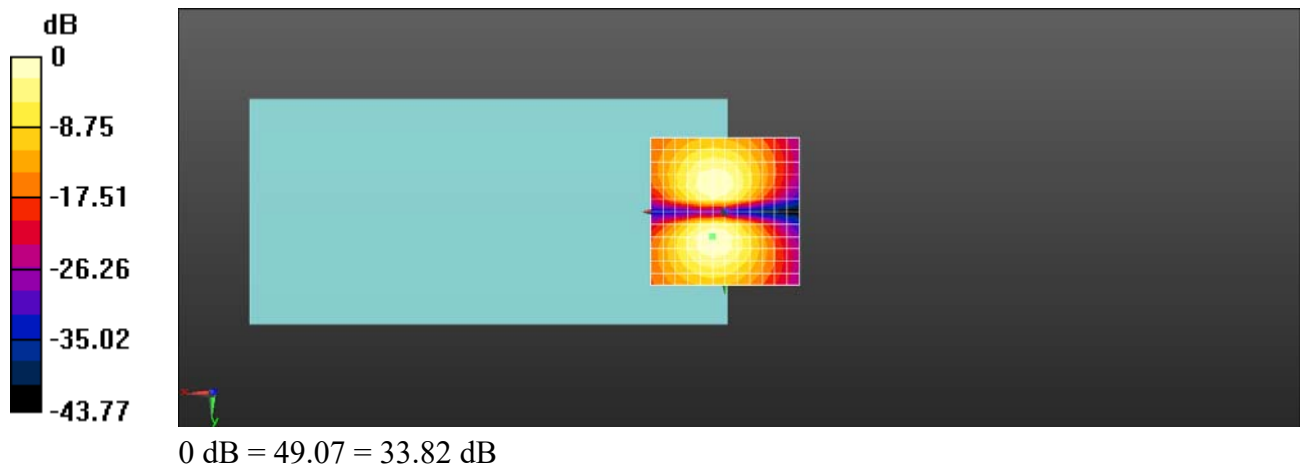
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.82 dB

ABM1 comp = -4.89 dBA/m

BWC Factor = 0.15 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 2 20M QPSK 1RB0 18900CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

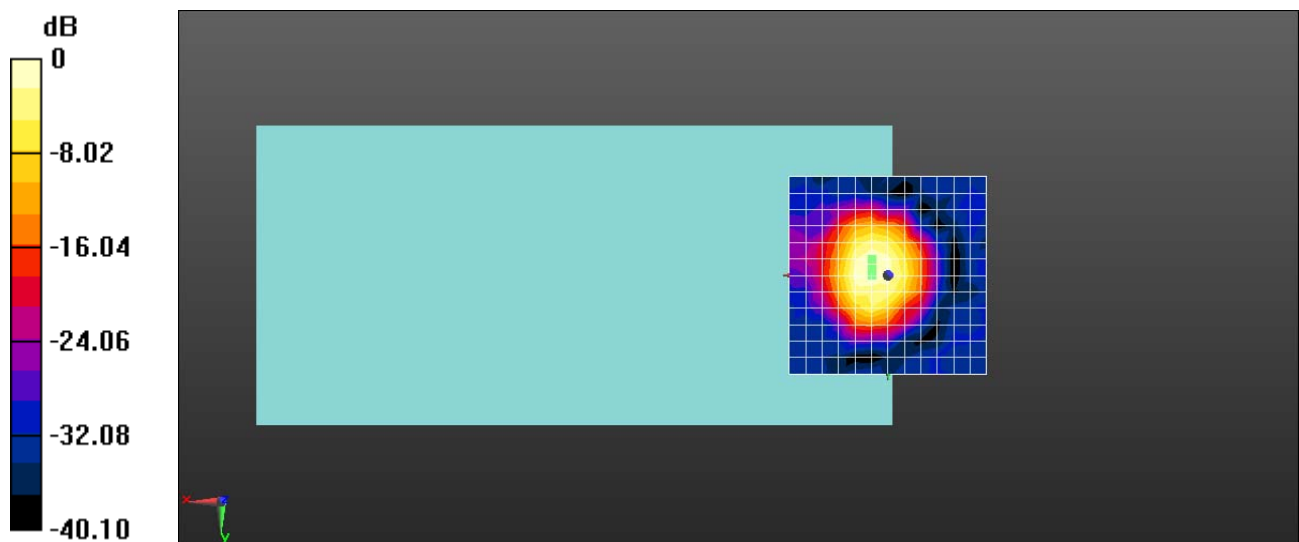
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.57 dB

ABM1 comp = -1.08 dBA/m

BWC Factor = 0.16 dB

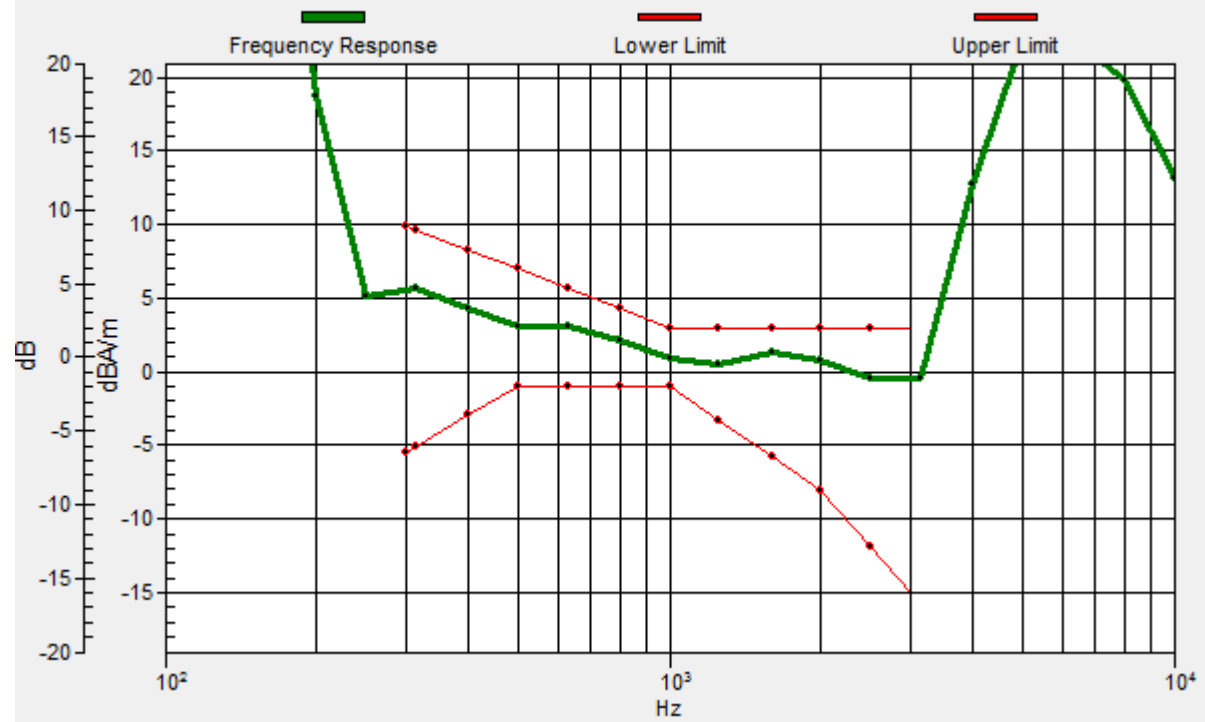
Location: 4.2, 0, 3.7 mm



0 dB = 37.90 = 31.57 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, -1.6, 3.7 mm Diff: 1.68dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 2 20M QPSK 1RB0 18900CH-WB EVS 5.90kbps

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

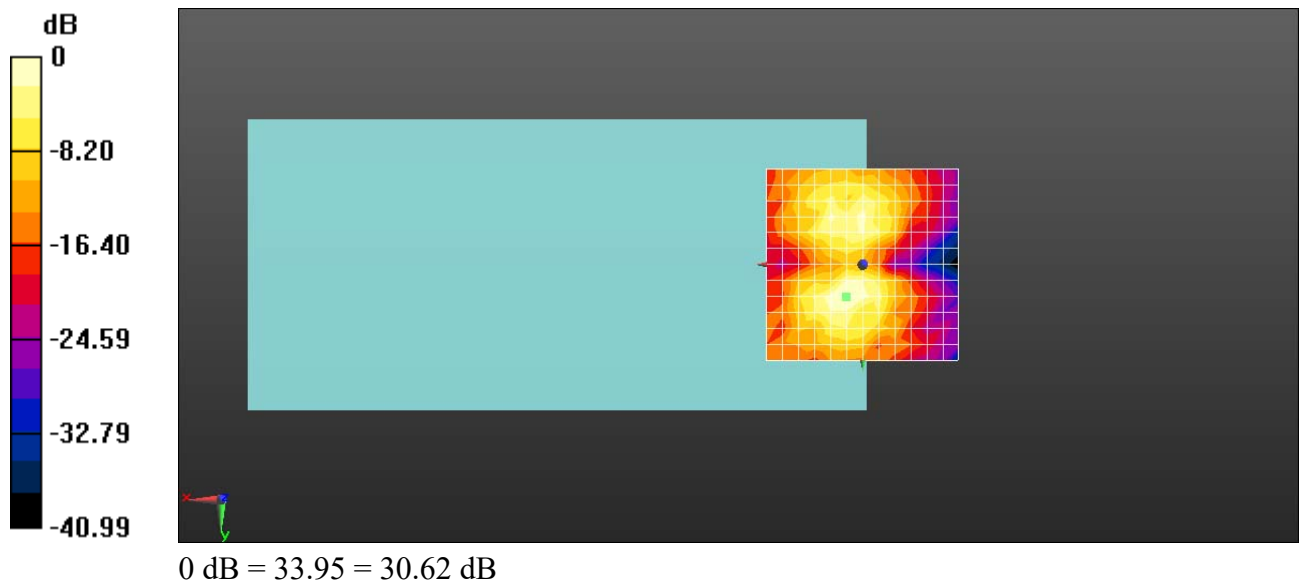
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.62 dB

ABM1 comp = -8.29 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 2 20M QPSK 1RB0 18900CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

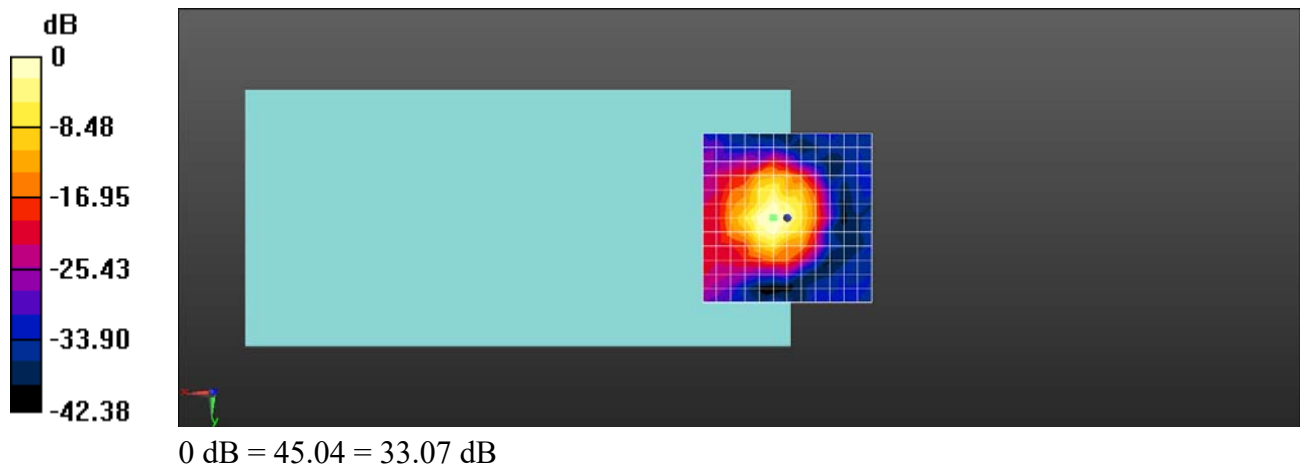
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.07 dB

ABM1 comp = -1.04 dBA/m

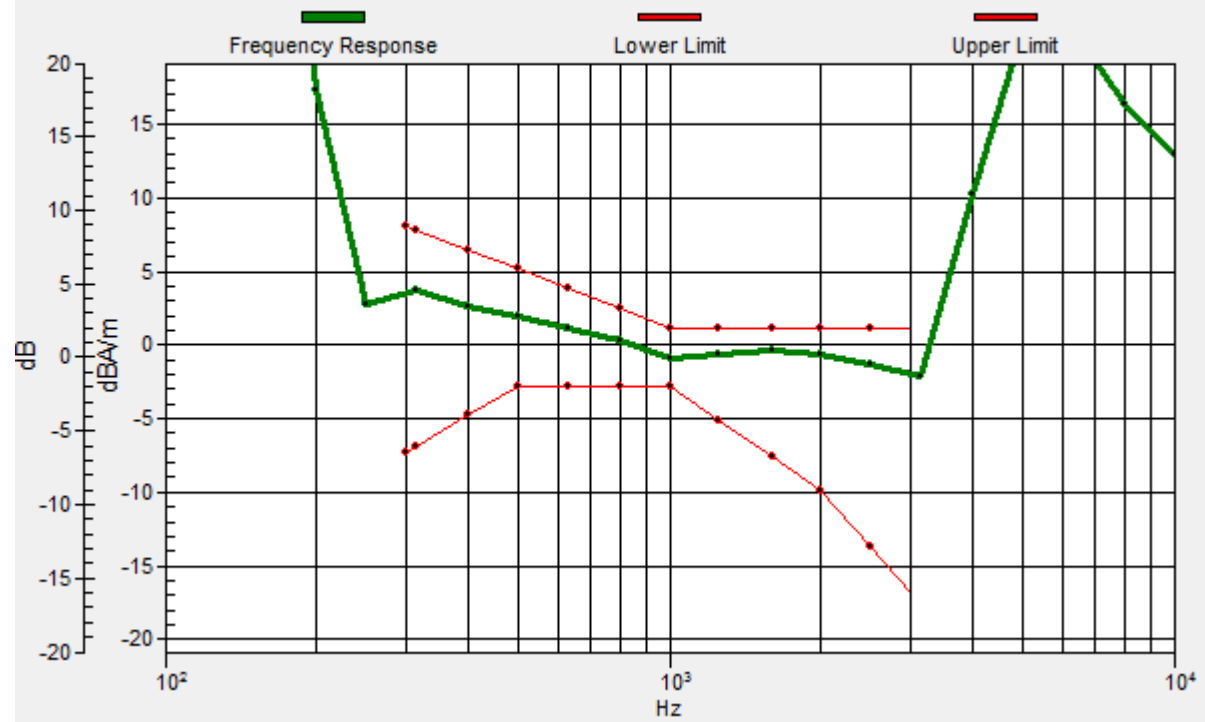
BWC Factor = 0.16 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, 0, 3.7 mm Diff: 1.57dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 2 20M QPSK 1RB0 18900CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

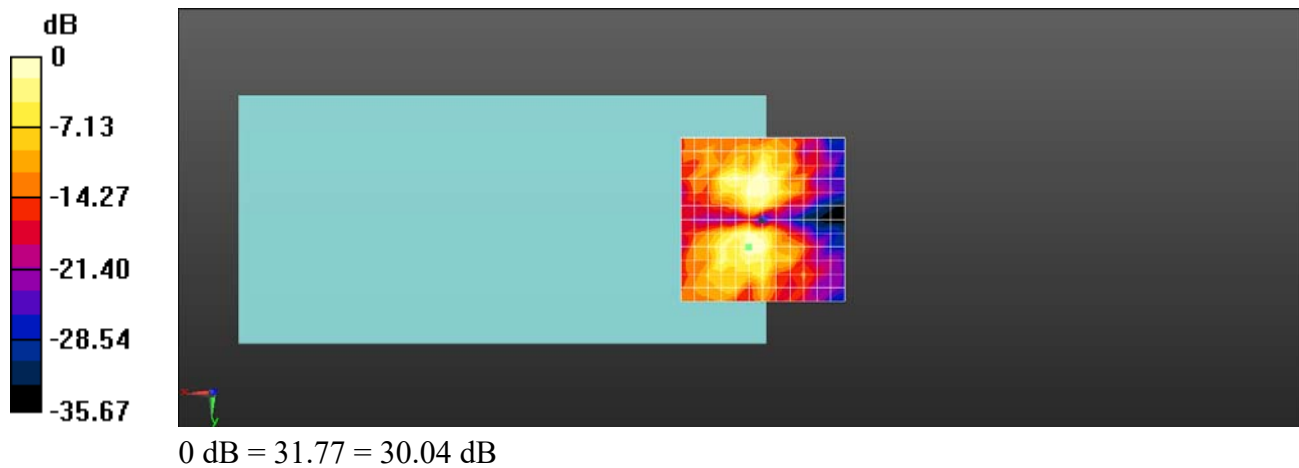
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.04 dB

ABM1 comp = -11.11 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 5 10M QPSK 1RB0 20525CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

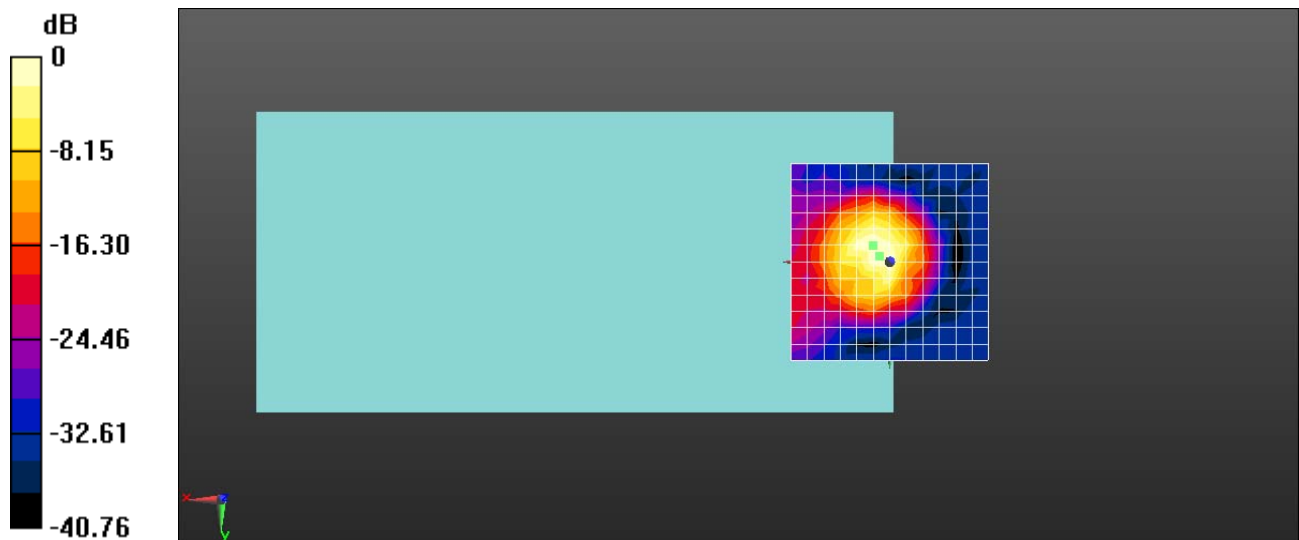
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.77 dB

ABM1 comp = -0.86 dBA/m

BWC Factor = 0.16 dB

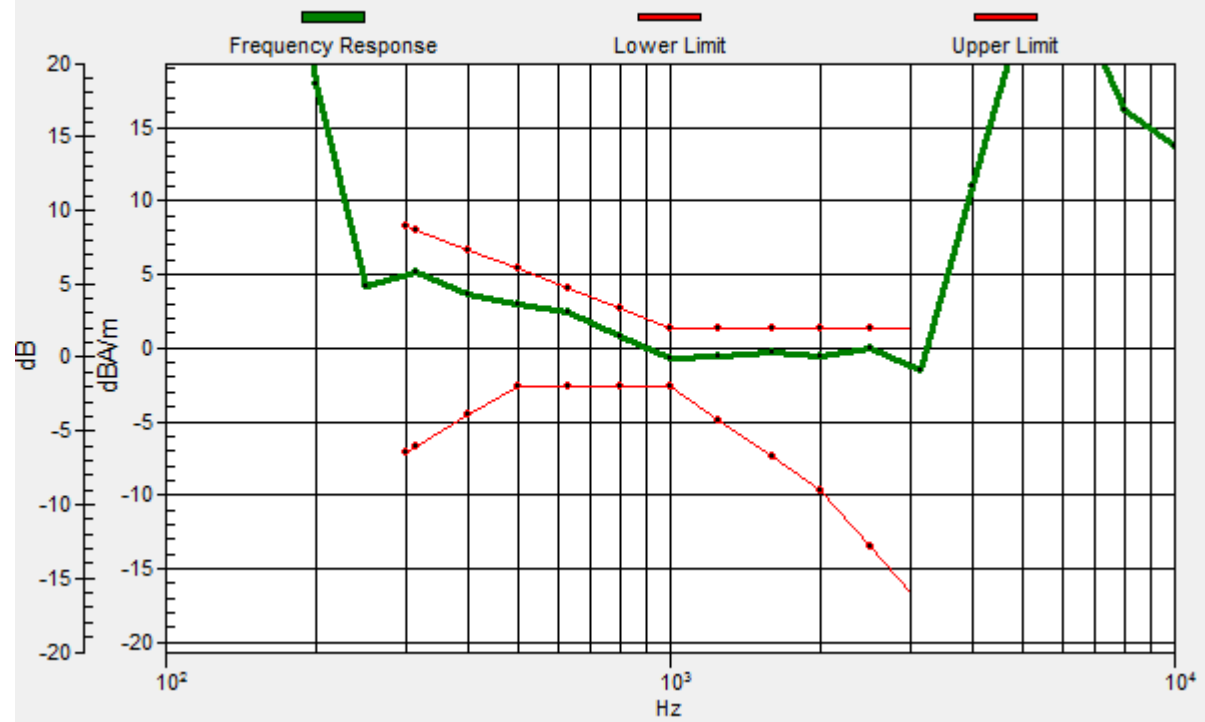
Location: 4.2, -4.2, 3.7 mm



0 dB = 34.54 = 30.77 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 2.6, -1.4, 3.7 mm Diff: 1.36dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 5 10M QPSK 1RB0 20525CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

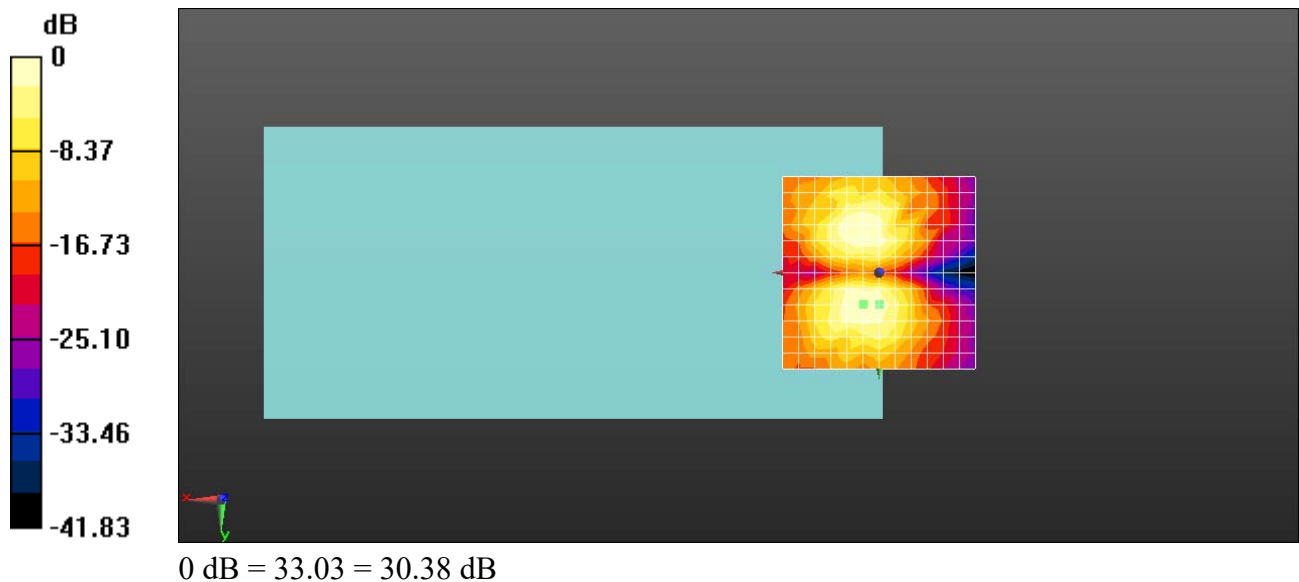
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.38 dB

ABM1 comp = -9.25 dBA/m

BWC Factor = 0.16 dB

Location: 0, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 7 20M QPSK 1RB0 21100CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

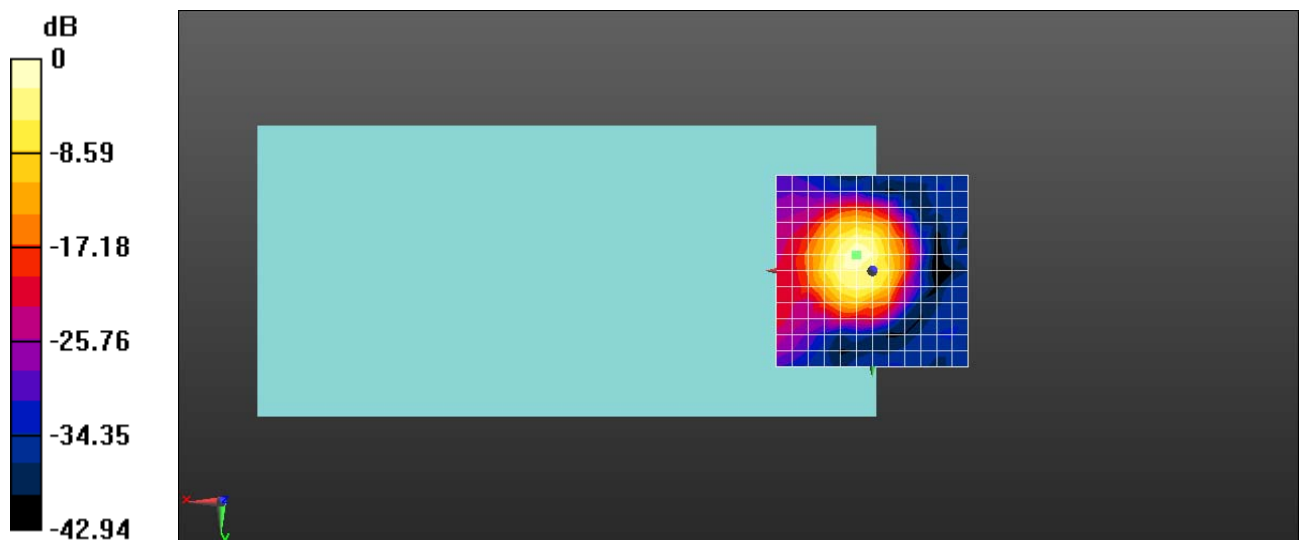
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.44 dB

ABM1 comp = -0.06 dBA/m

BWC Factor = 0.16 dB

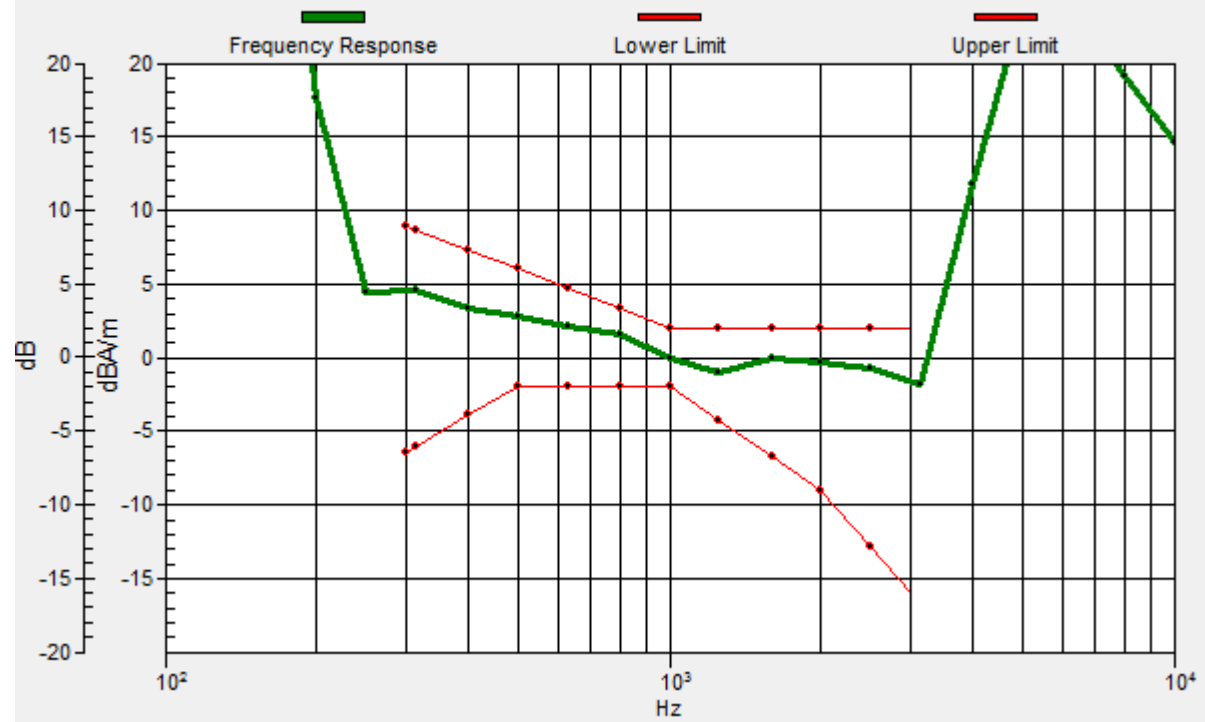
Location: 4.2, -4.2, 3.7 mm



0 dB = 41.86 = 32.44 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, -4.1, 3.7 mm Diff: 1.79dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 7 20M QPSK 1RB0 21100CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

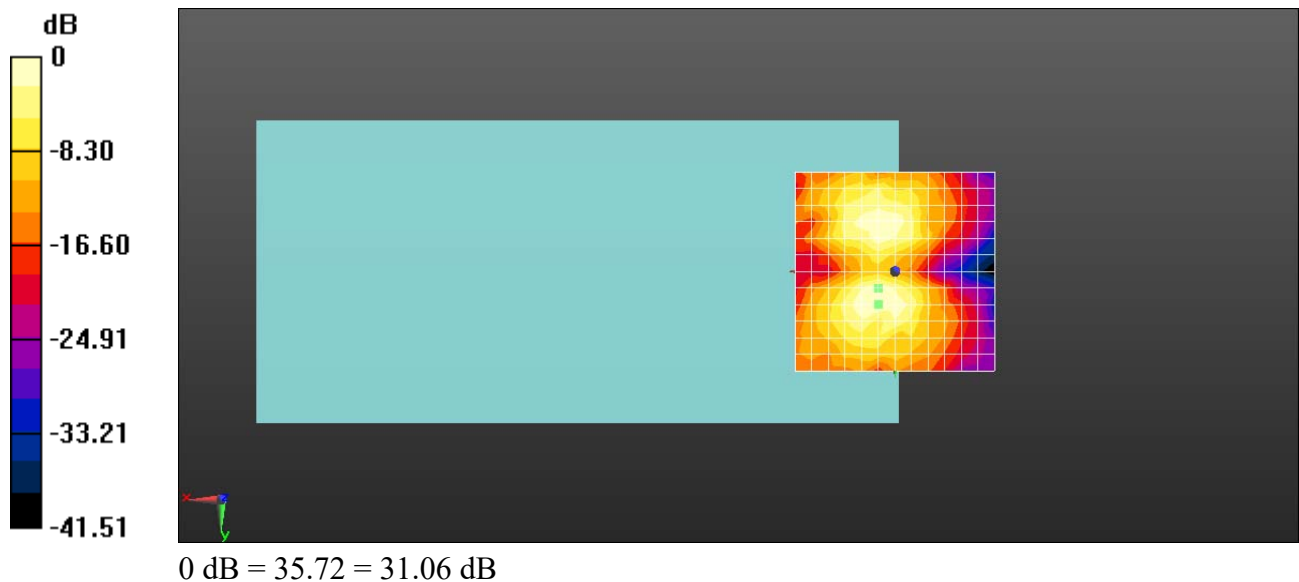
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.06 dB

ABM1 comp = -9.18 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 4.2, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 7 20M QPSK 1RB0 21100CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

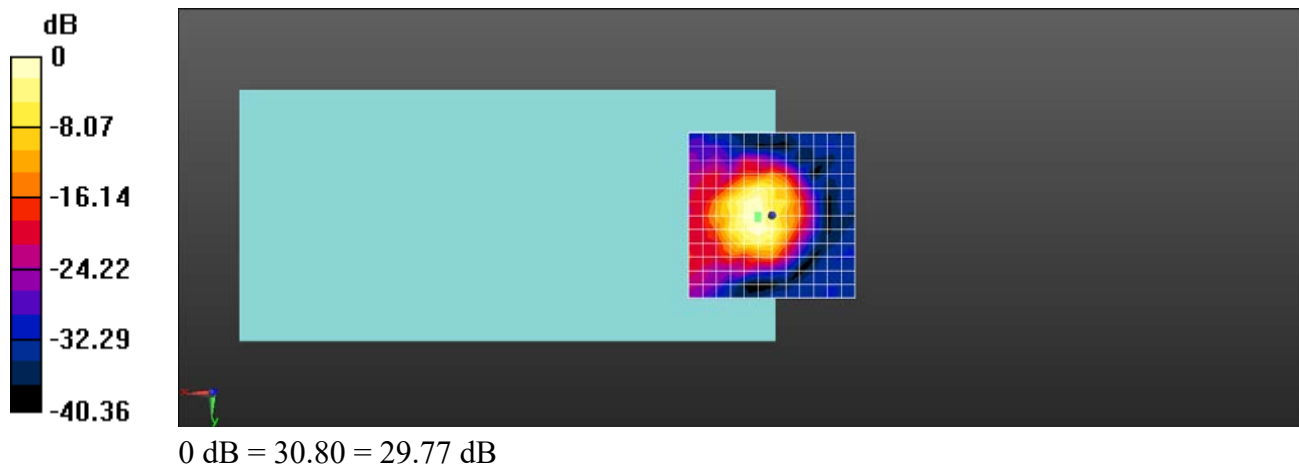
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.77 dB

ABM1 comp = -2.06 dBA/m

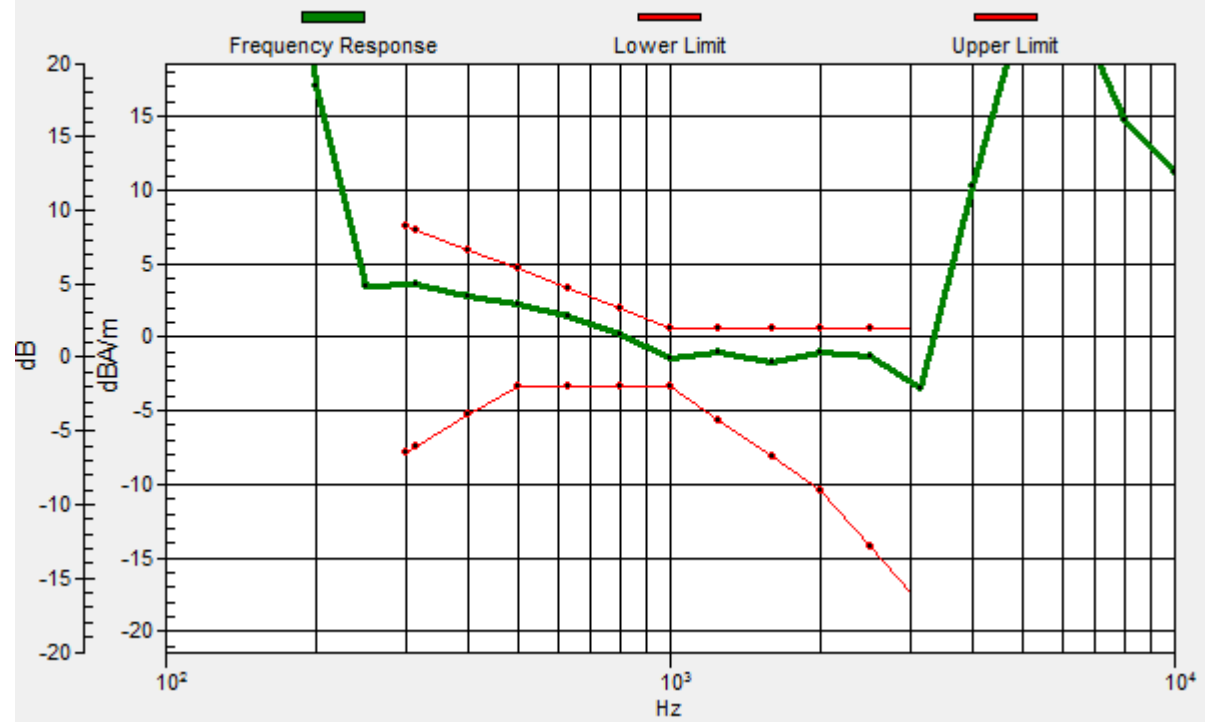
BWC Factor = 0.17 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.3, 0.9, 3.7 mm Diff: 1.59dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 7 20M QPSK 1RB0 21100CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

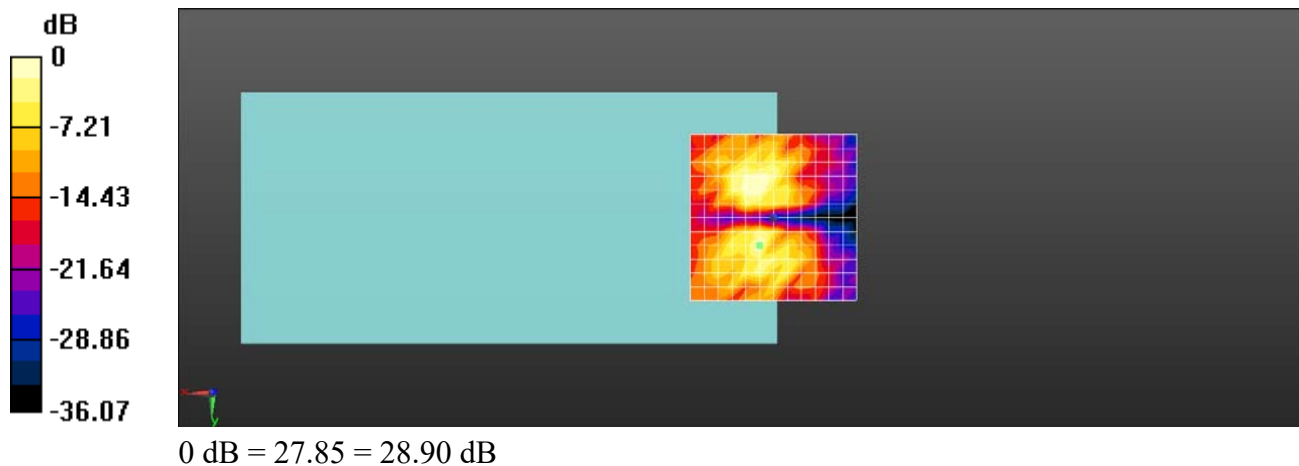
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.90 dB

ABM1 comp = -11.23 dBA/m

BWC Factor = 0.17 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 12 10M QPSK 1RB0 23095CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

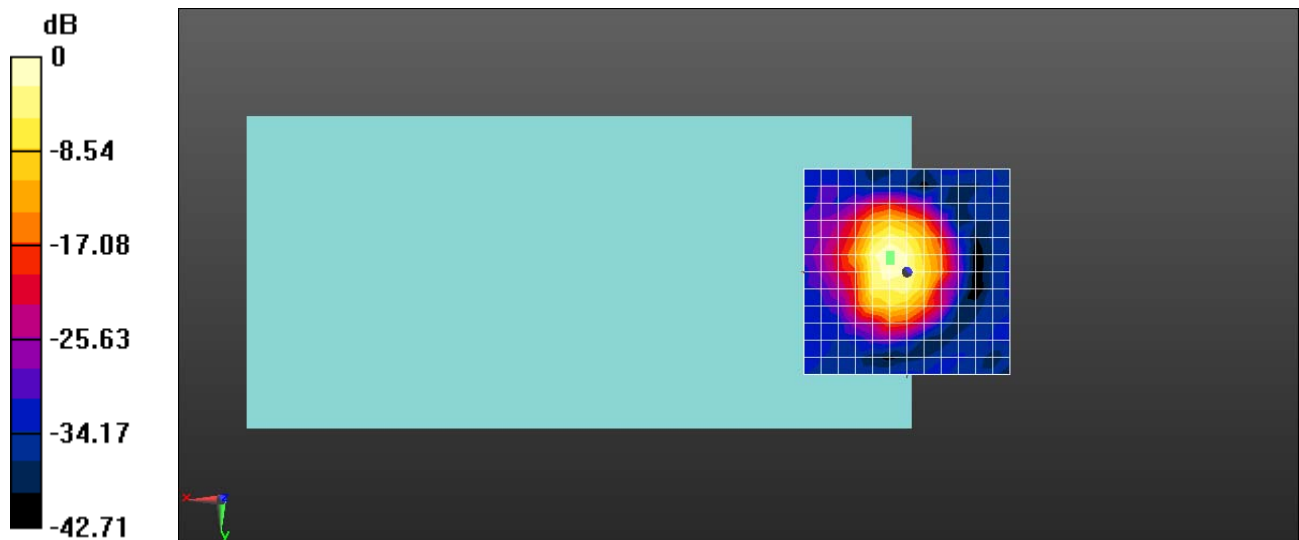
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.94 dB

ABM1 comp = -0.12 dBA/m

BWC Factor = 0.16 dB

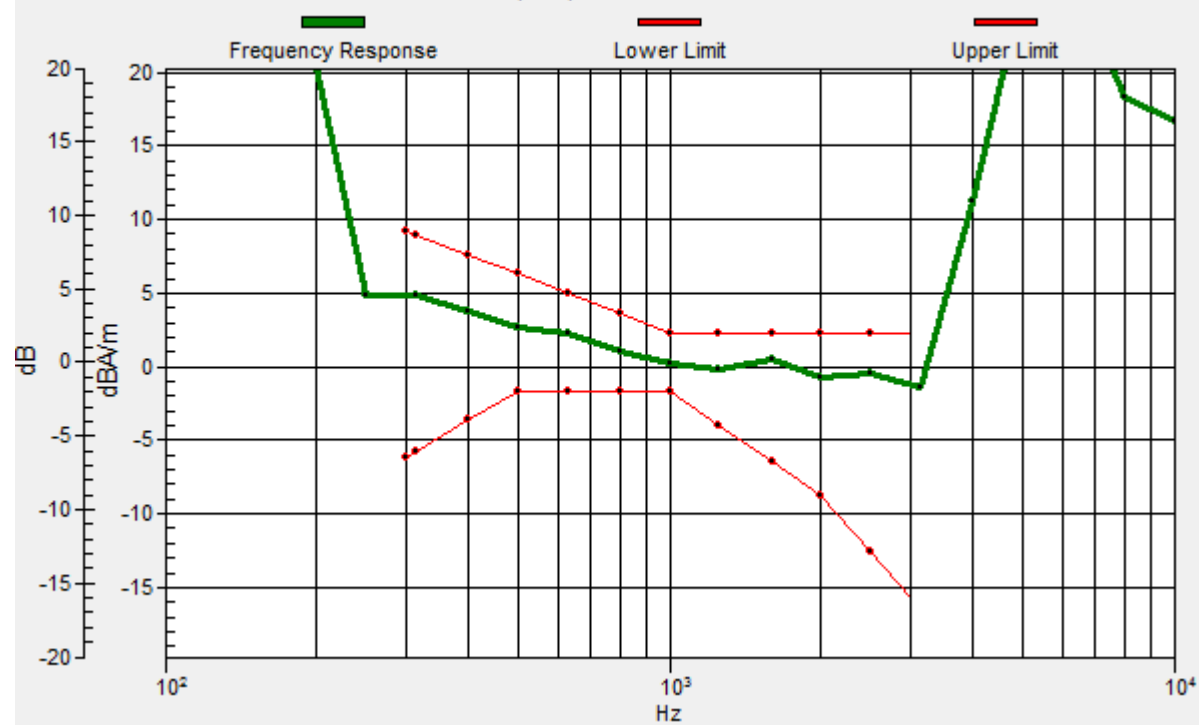
Location: 4.2, -4.2, 3.7 mm



0 dB = 39.52 = 31.94 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4, -2.8, 3.7 mm Diff: 1.78dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 12 10M QPSK 1RB0 23095CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

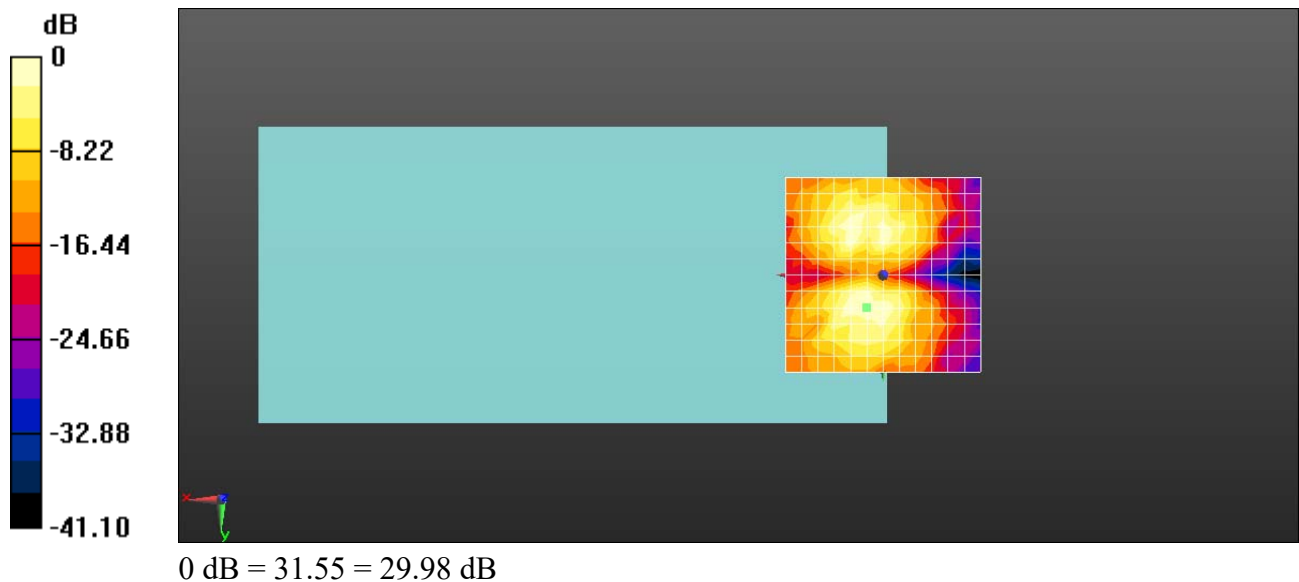
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.98 dB

ABM1 comp = -9.28 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 13 10M QPSK 1RB0 23320CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

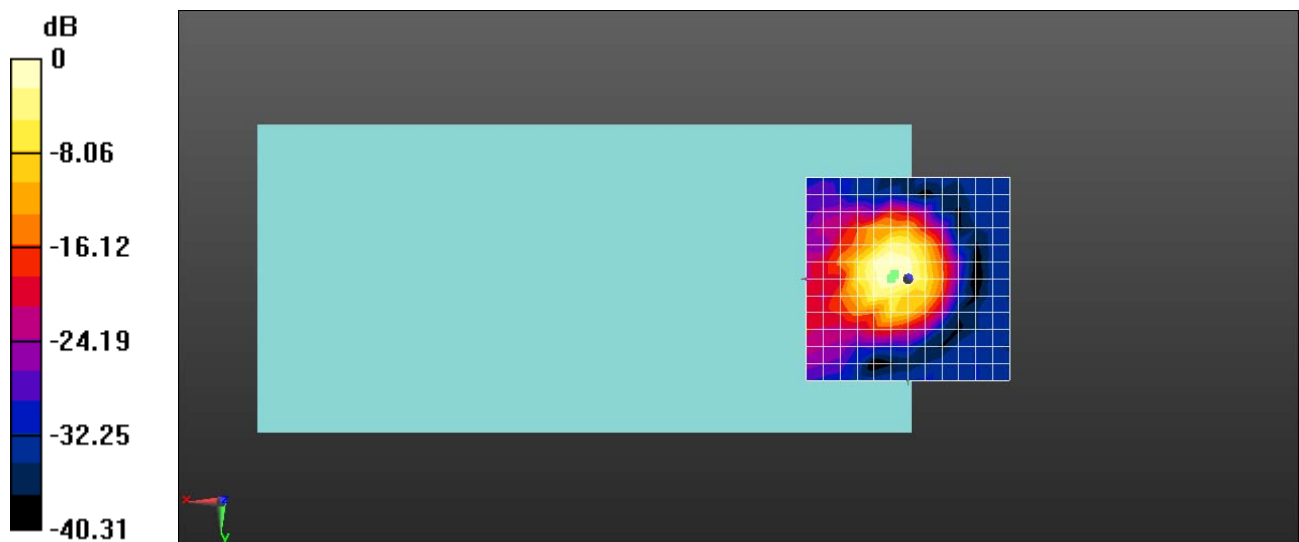
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.71 dB

ABM1 comp = -0.82 dBA/m

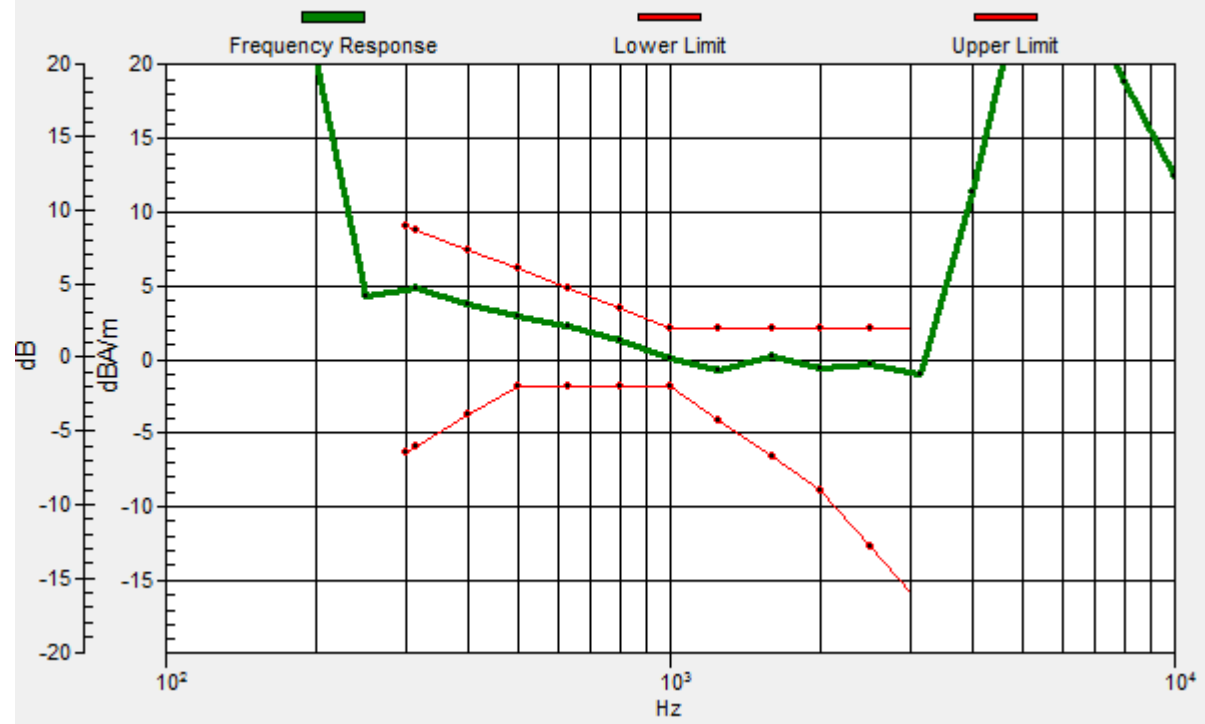
BWC Factor = 0.16 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.3, -1.1, 3.7 mm Diff: 1.94dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 13 10M QPSK 1RB0 23320CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

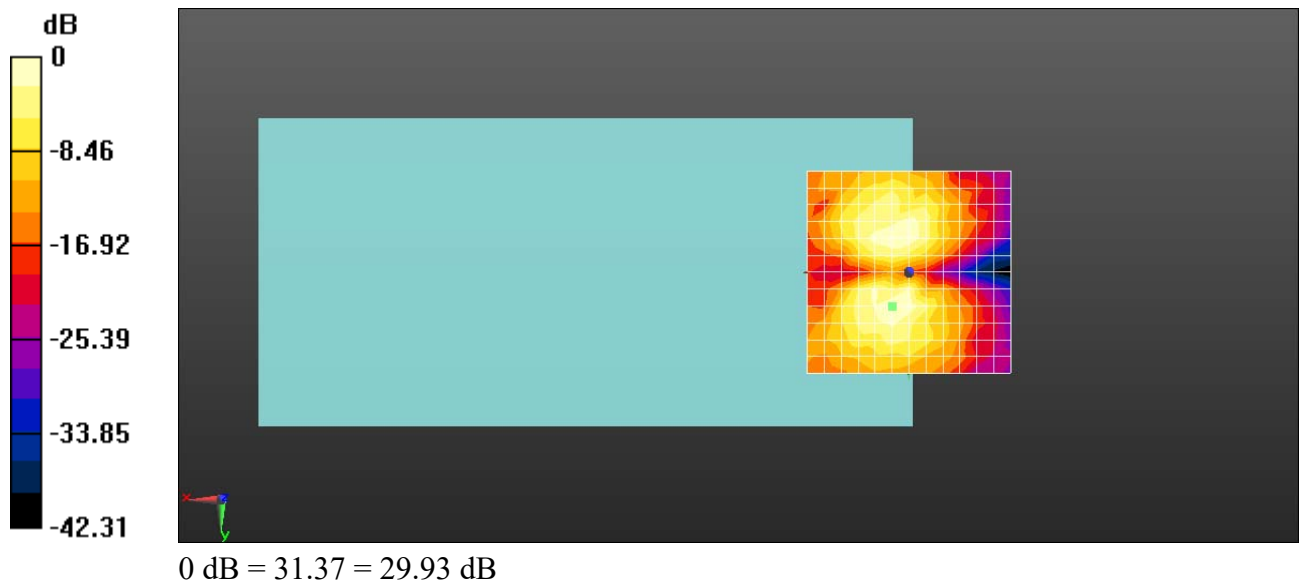
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.93 dB

ABM1 comp = -8.80 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 13 10M QPSK 1RB0 23230CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

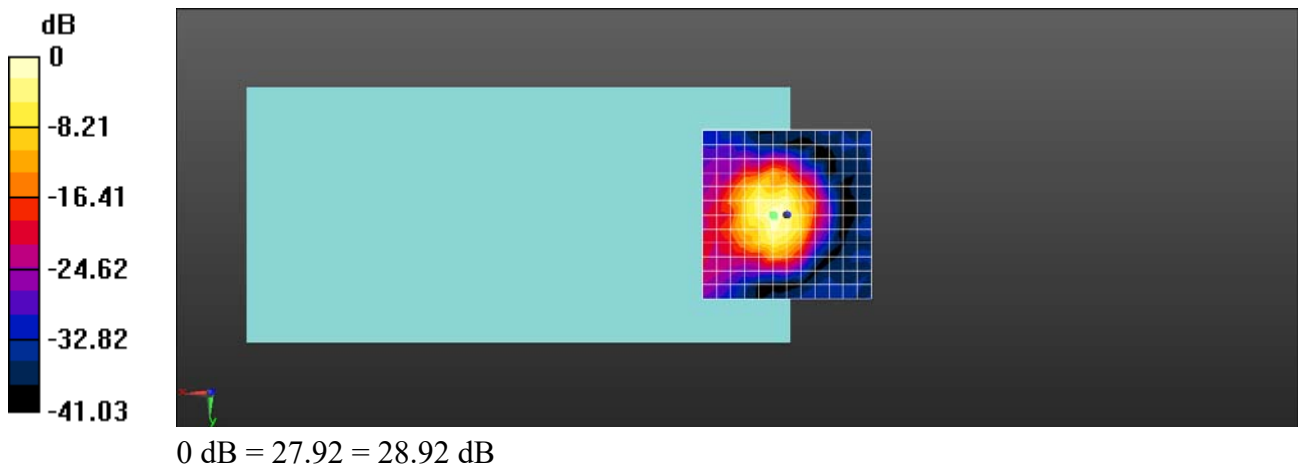
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.92 dB

ABM1 comp = -0.73 dBA/m

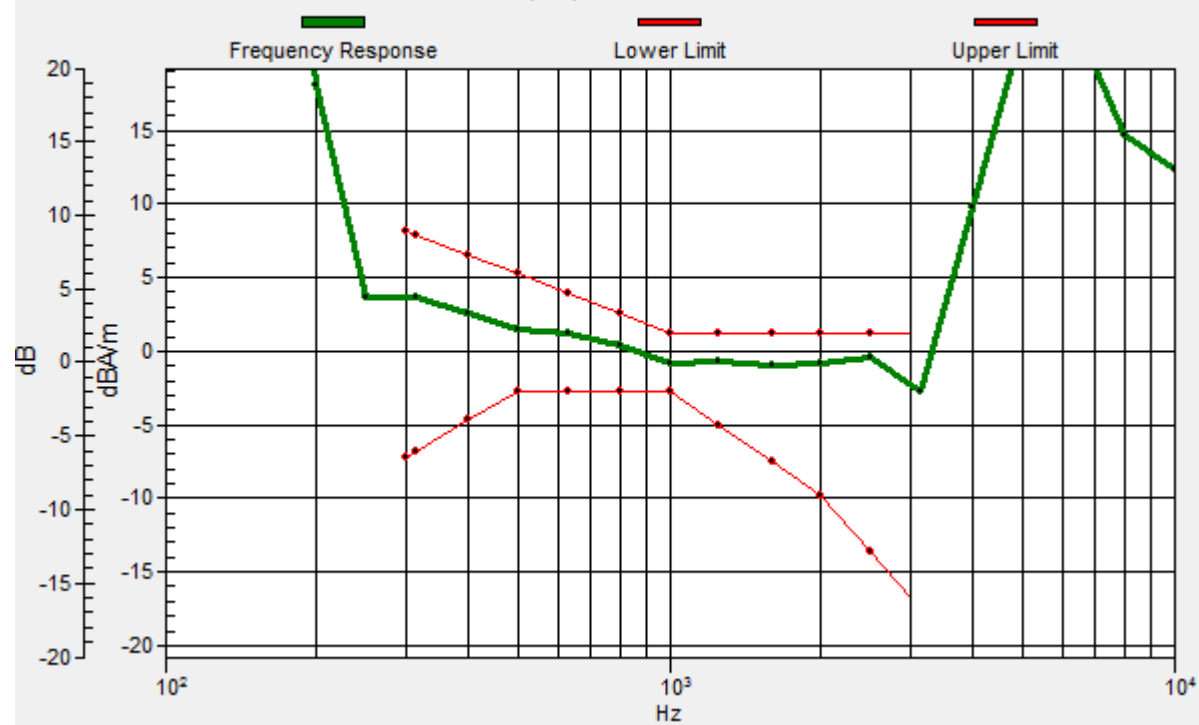
BWC Factor = 0.17 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.7, 0.5, 3.7 mm Diff: 1.69dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 13 10M QPSK 1RB0 23230CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

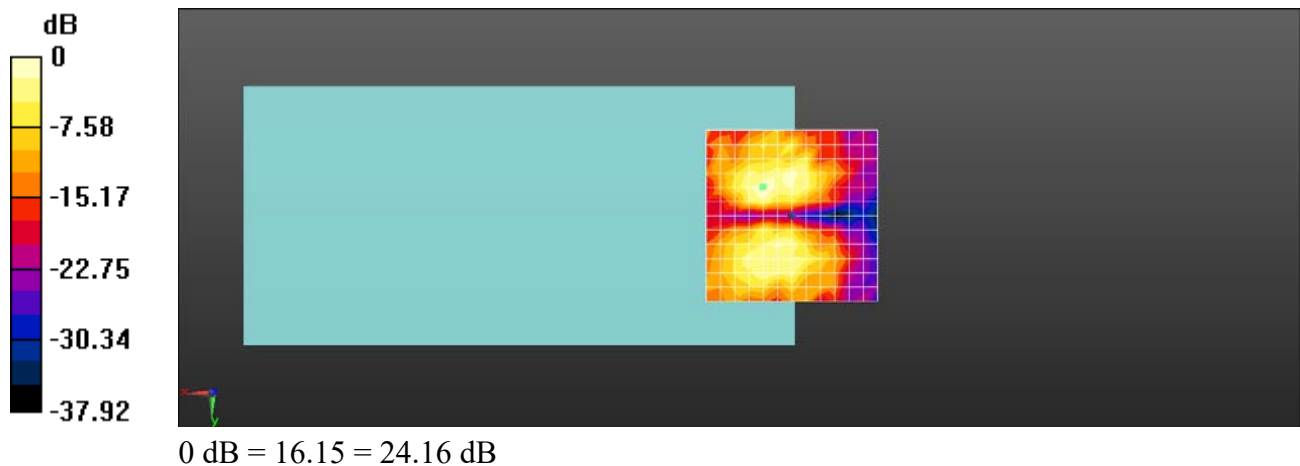
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 24.16 dB

ABM1 comp = -12.12 dBA/m

BWC Factor = 0.17 dB

Location: 8.3, -8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 66 20M QPSK 1RB0 132322CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

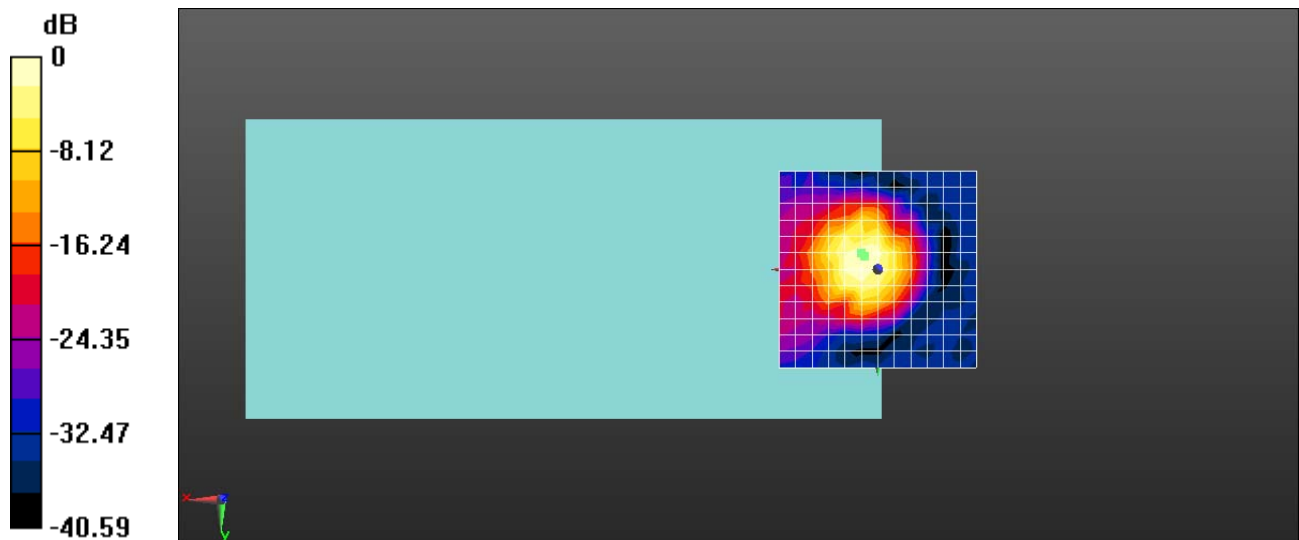
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.34 dB

ABM1 comp = -1.08 dBA/m

BWC Factor = 0.16 dB

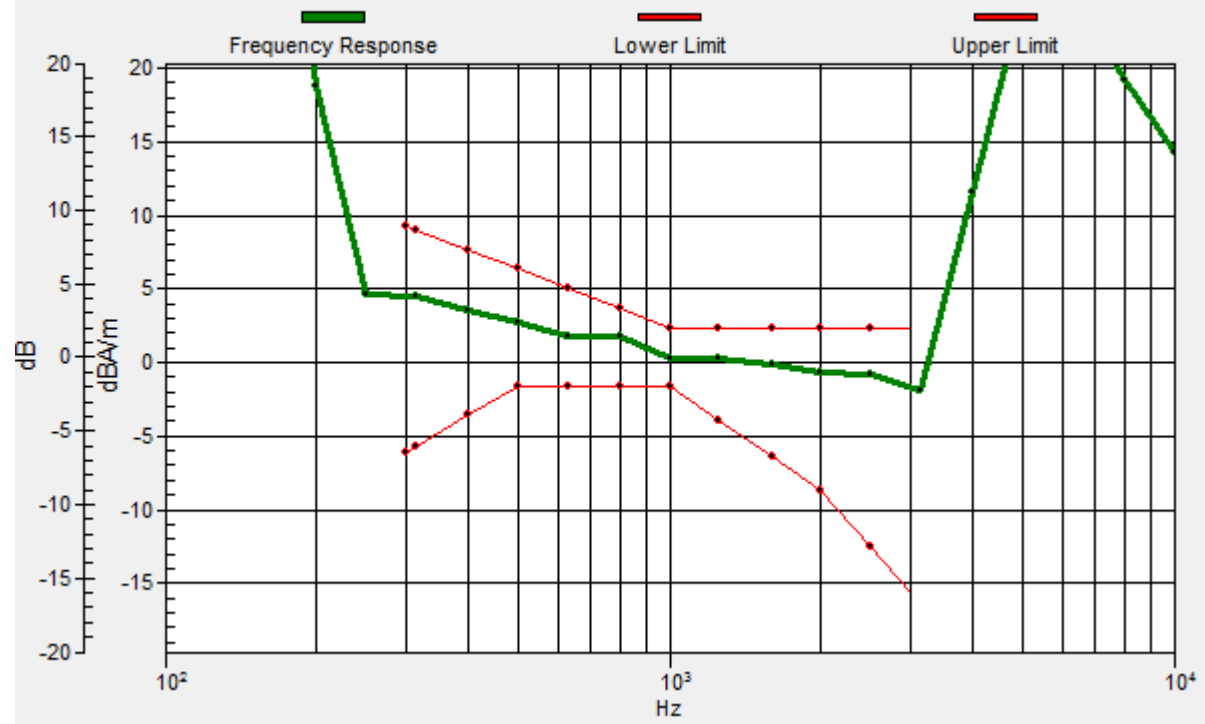
Location: 4.2, -4.2, 3.7 mm



0 dB = 36.91 = 31.34 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.3, -3.3, 3.7 mm Diff: 1.92dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 66 20M QPSK 1RB0 132322CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

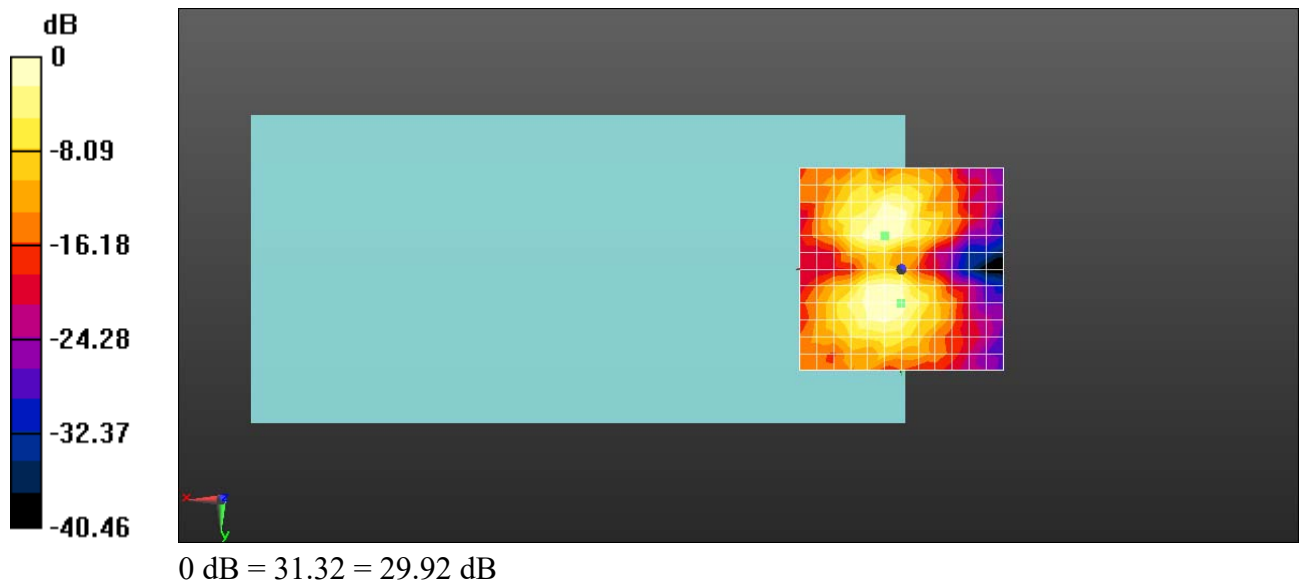
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.92 dB

ABM1 comp = -9.67 dBA/m

BWC Factor = 0.16 dB

Location: 0, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 66 20M QPSK 1RB0 132322CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

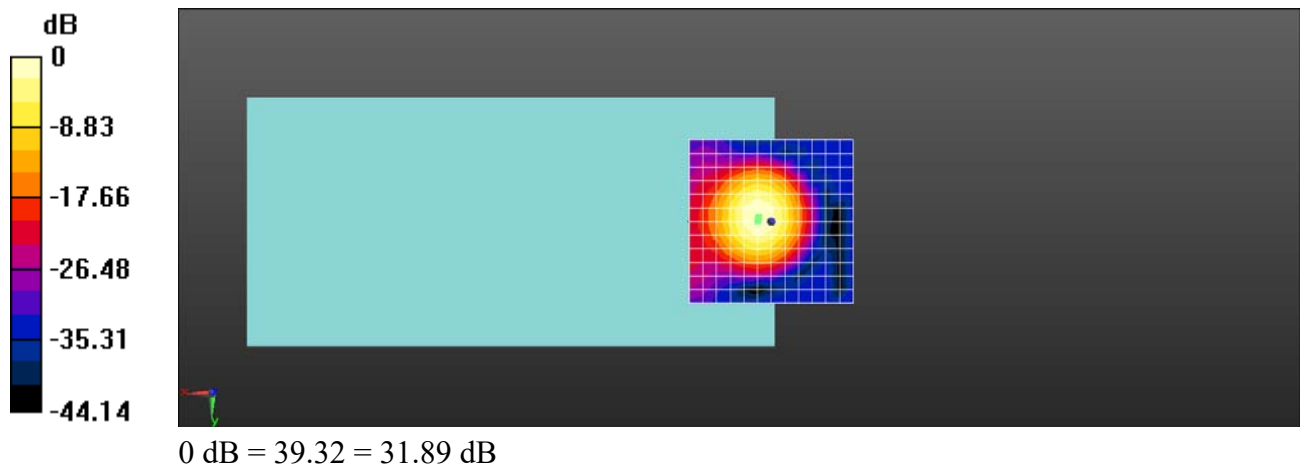
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.89 dB

ABM1 comp = 2.62 dBA/m

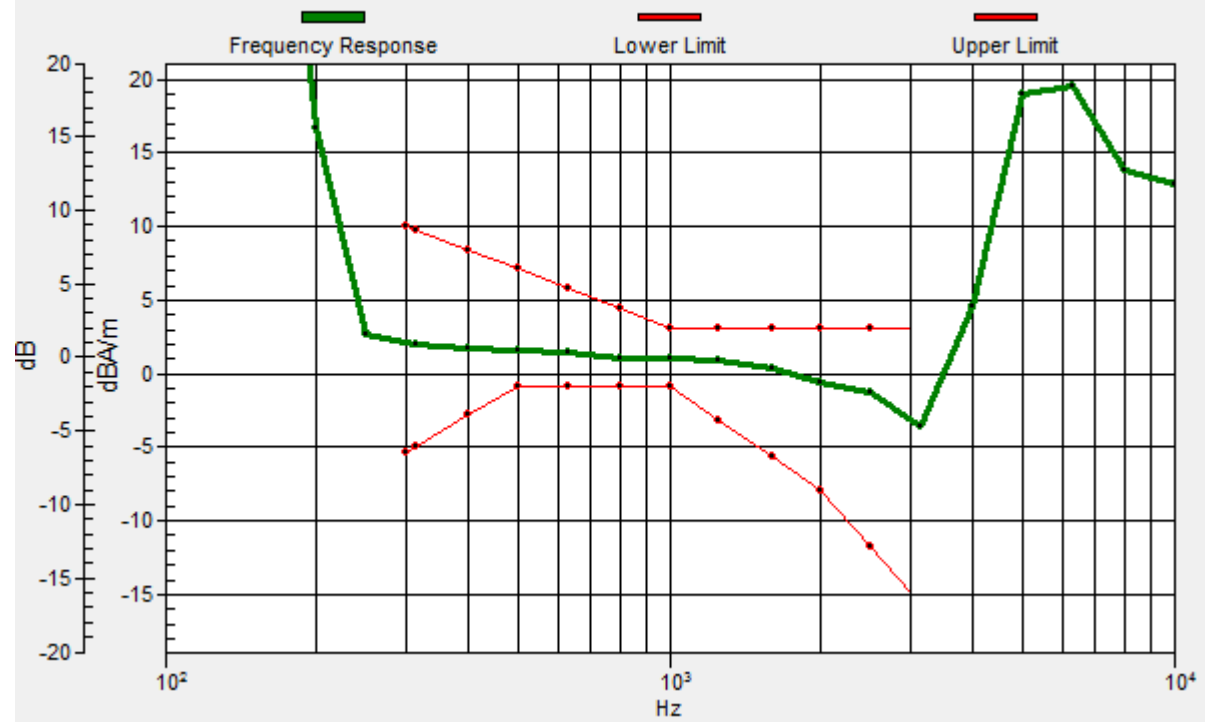
BWC Factor = 0.16 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.9, -1.5, 3.7 mm Diff: 1.87dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 66 20M QPSK 1RB0 132322CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000188

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

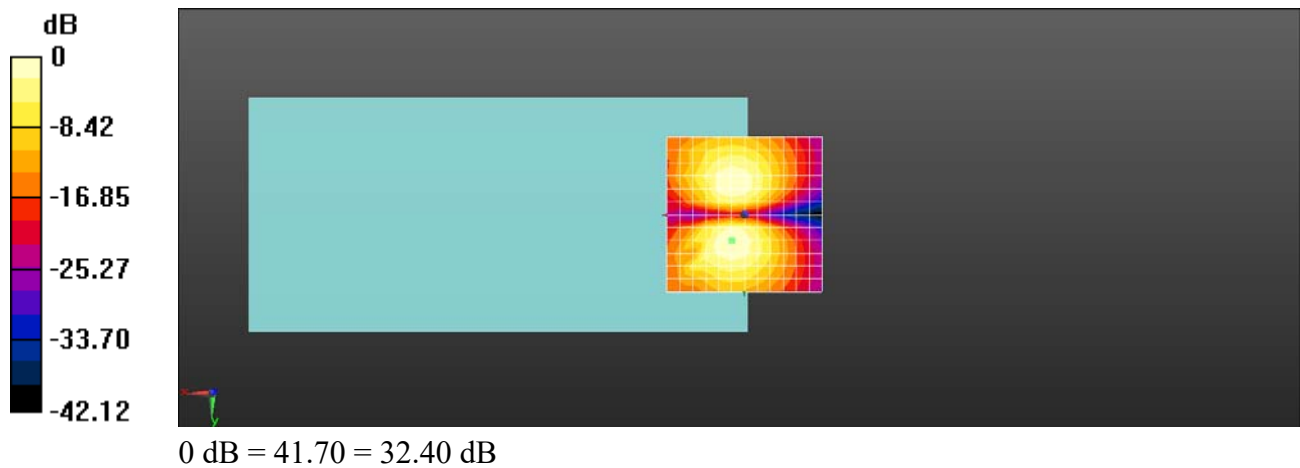
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.40 dB

ABM1 comp = -5.70 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 66 20M QPSK 1RB0 132322CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

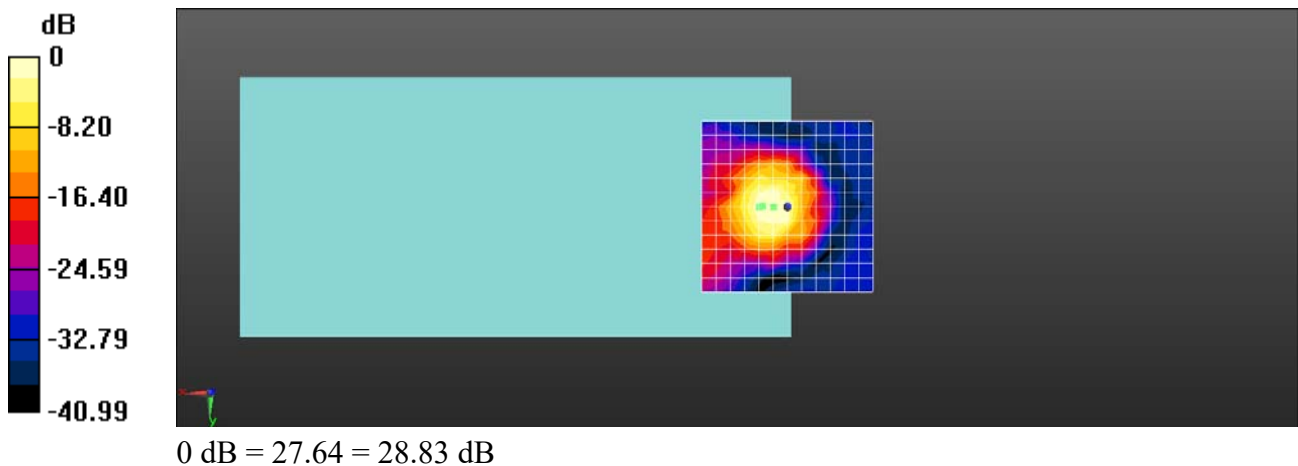
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.83 dB

ABM1 comp = -2.33 dBA/m

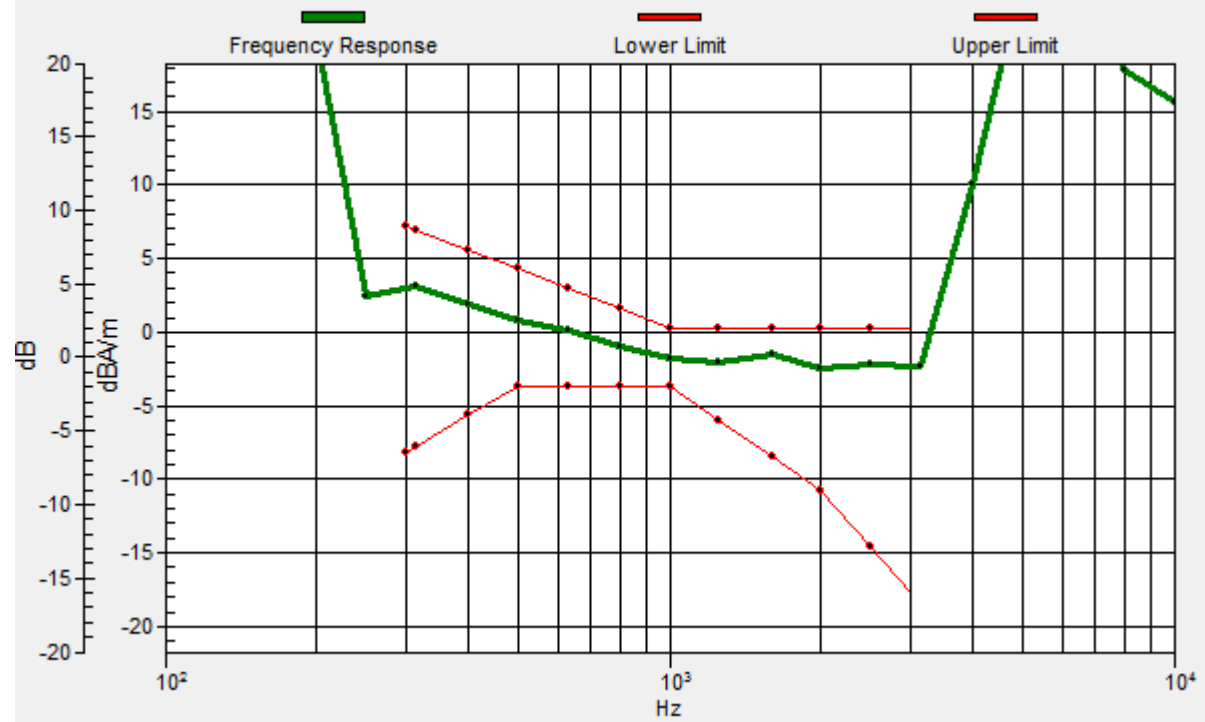
BWC Factor = 0.16 dB

Location: 8.3, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.2, -0.2, 3.7 mm Diff: 1.84dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-LTE Band 66 20M QPSK 1RB0 132322CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

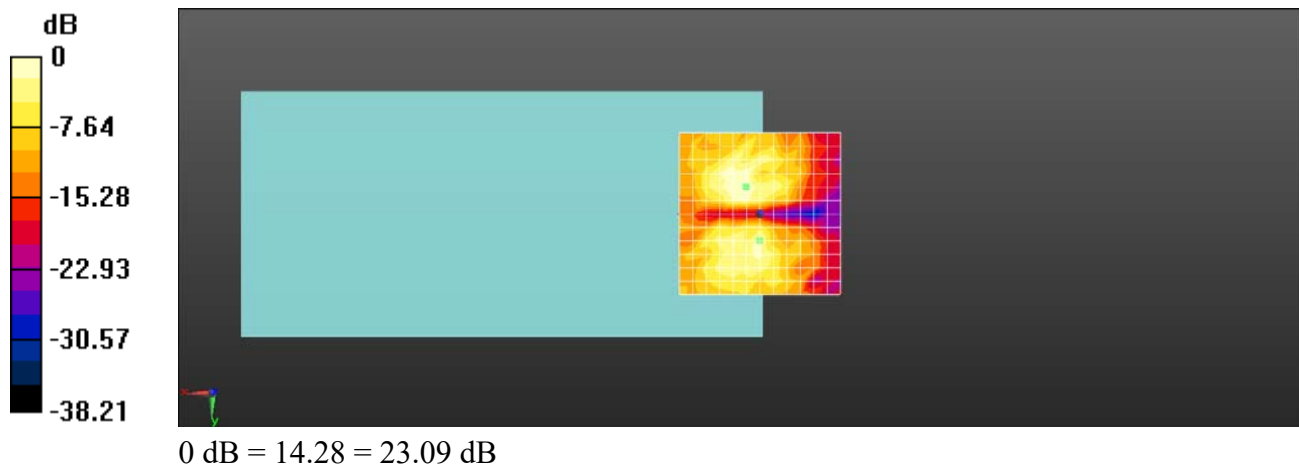
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 23.10 dB

ABM1 comp = -13.39 dBA/m

BWC Factor = 0.16 dB

Location: 0, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH-WB ARM 23.85Kbps

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

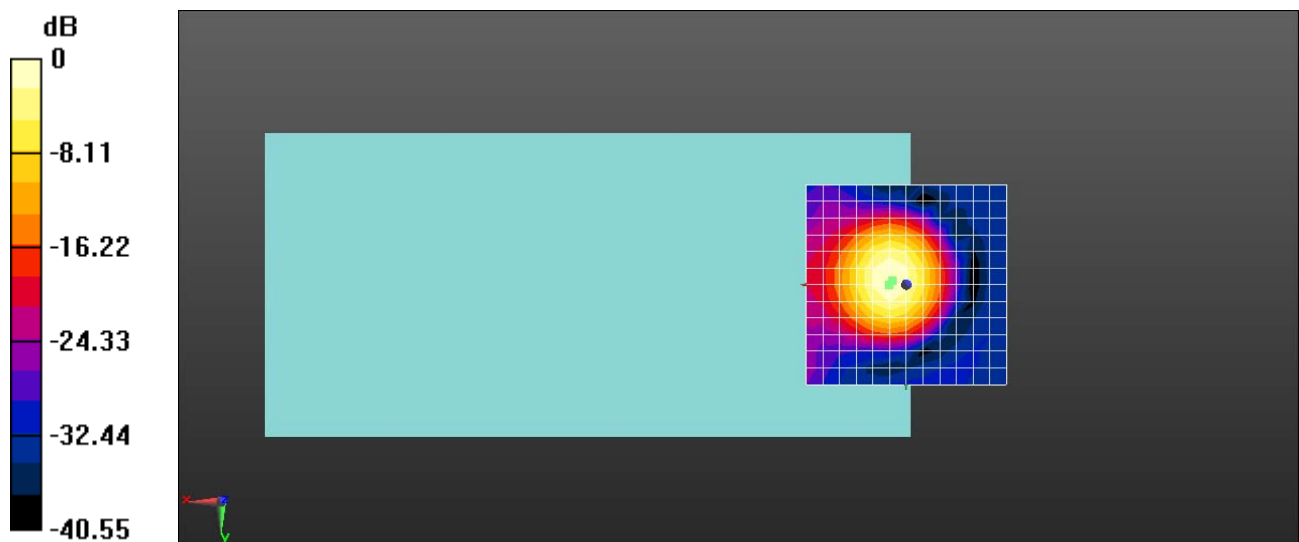
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.18 dB

ABM1 comp = -1.33 dBA/m

BWC Factor = 0.17 dB

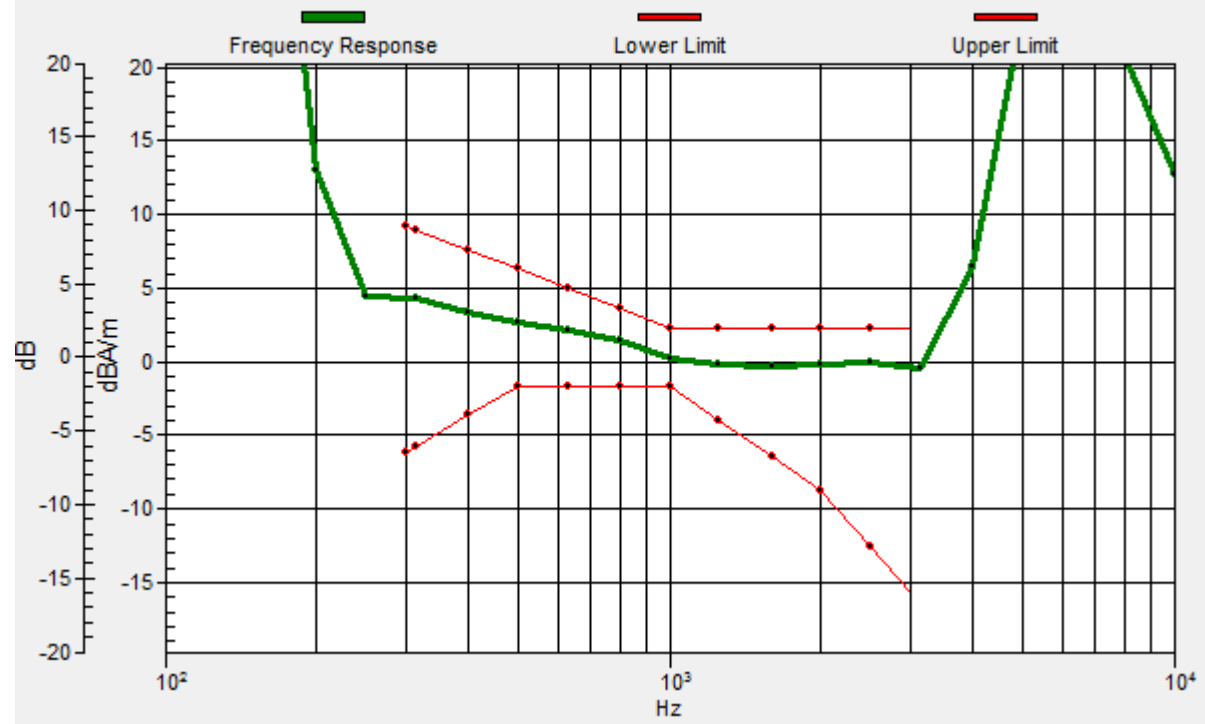
Location: 4.2, 0, 3.7 mm



0 dB = 1.000 = 0.00 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.4, -0.9, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH-WB ARM 23.85Kbps

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

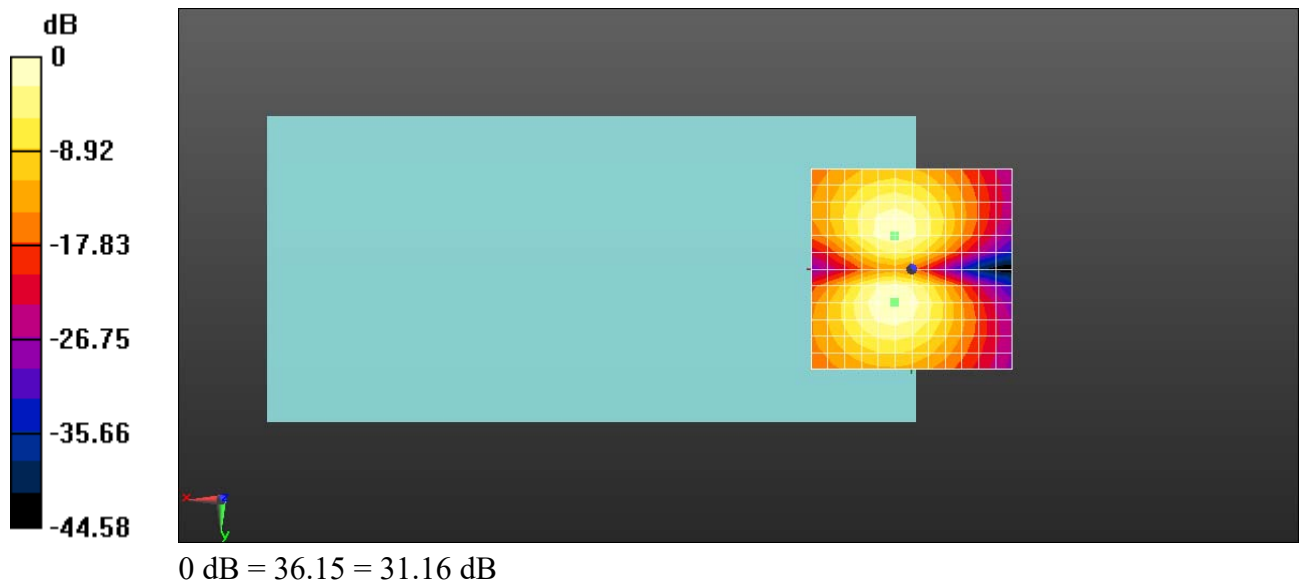
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.16 dB

ABM1 comp = -8.69 dBA/m

BWC Factor = 0.17 dB

Location: 4.2, -8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

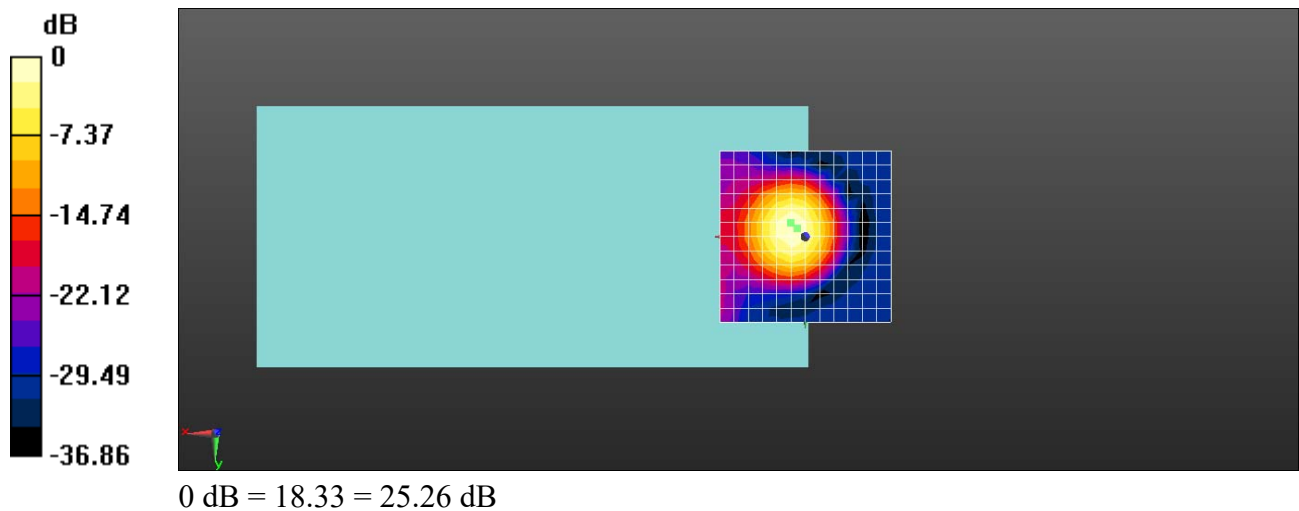
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 25.26 dB

ABM1 comp = -3.14 dBA/m

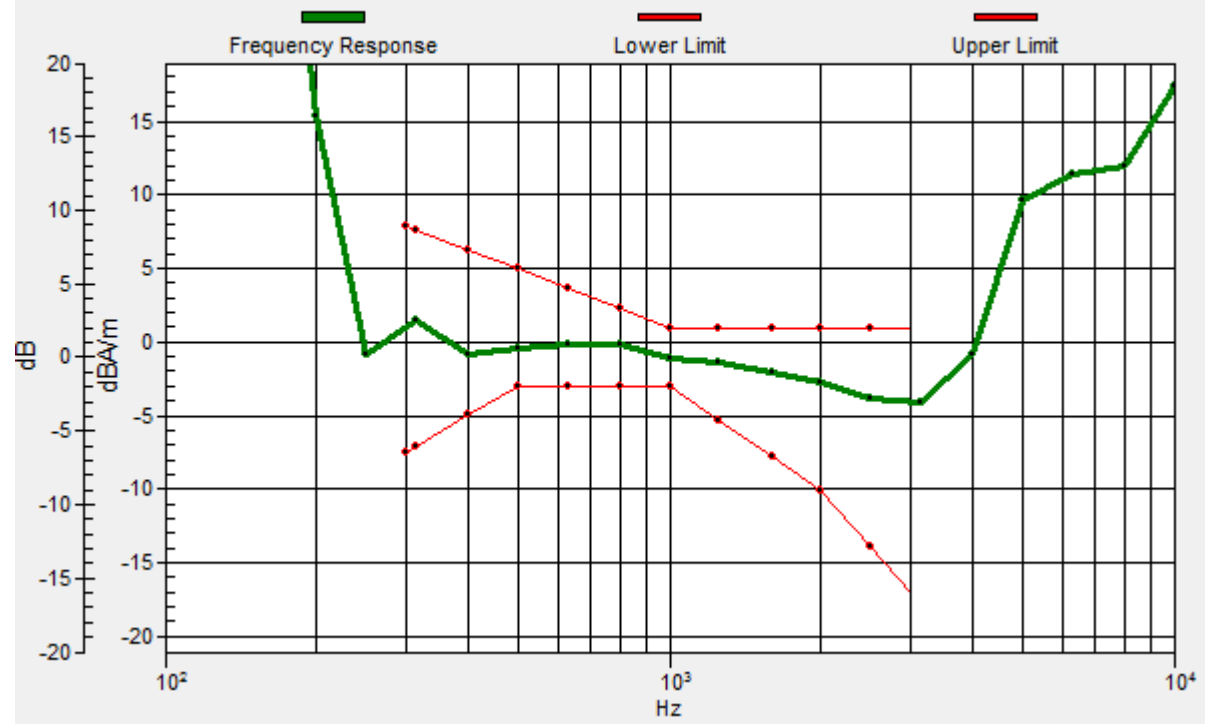
BWC Factor = 0.17 dB

Location: 4.2, -4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 2.4, -2.5, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH

DUT: TA-1333; Type: Mobile Phone; Serial: H081938000000119

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

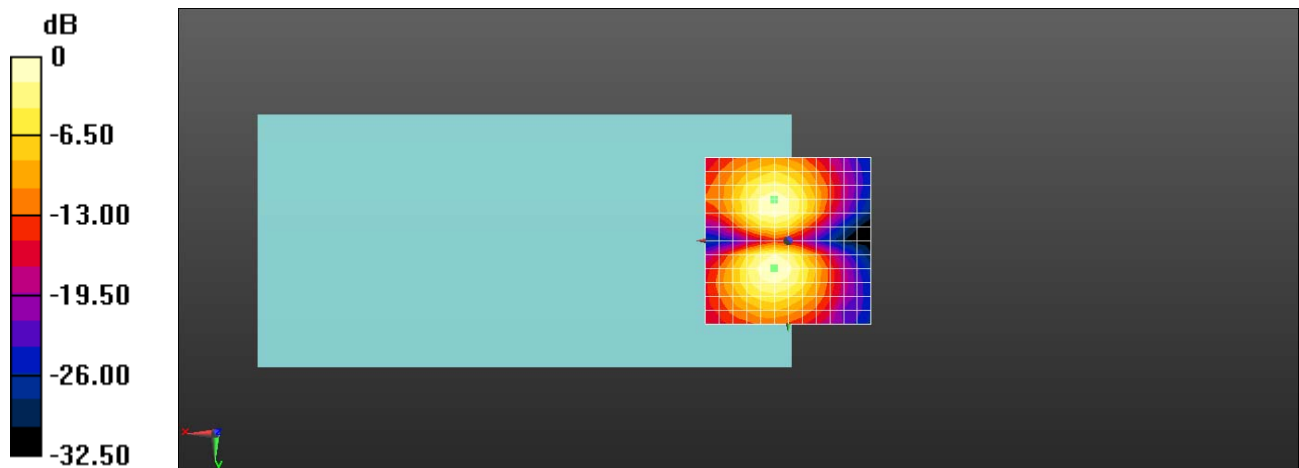
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 25.98 dB

ABM1 comp = -11.96 dBA/m

BWC Factor = 0.17 dB

Location: 4.2, -12.5, 3.7 mm



0 dB = 19.91 = 25.98 dB

Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

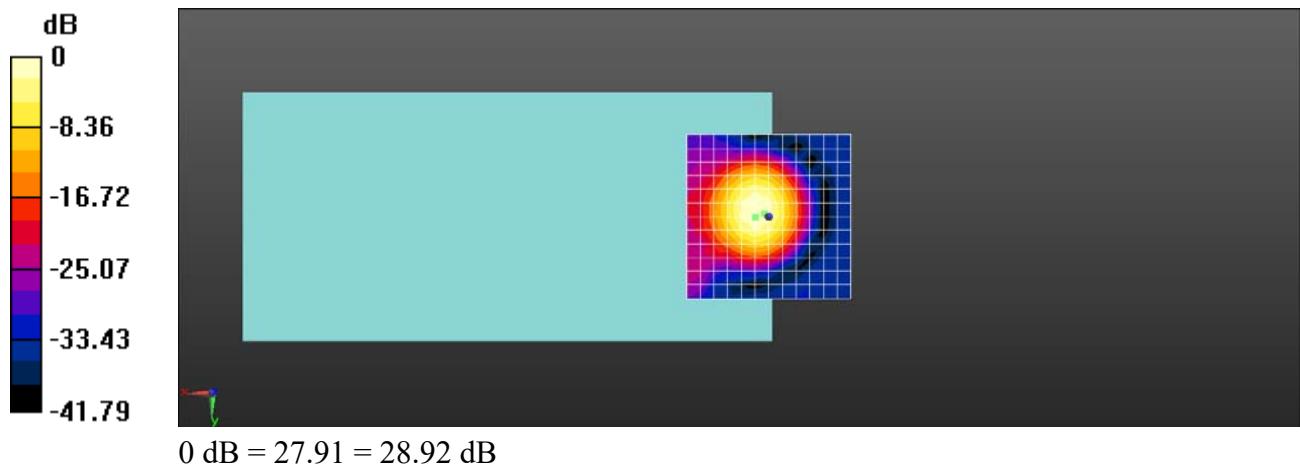
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.91 dB

ABM1 comp = -3.00 dBA/m

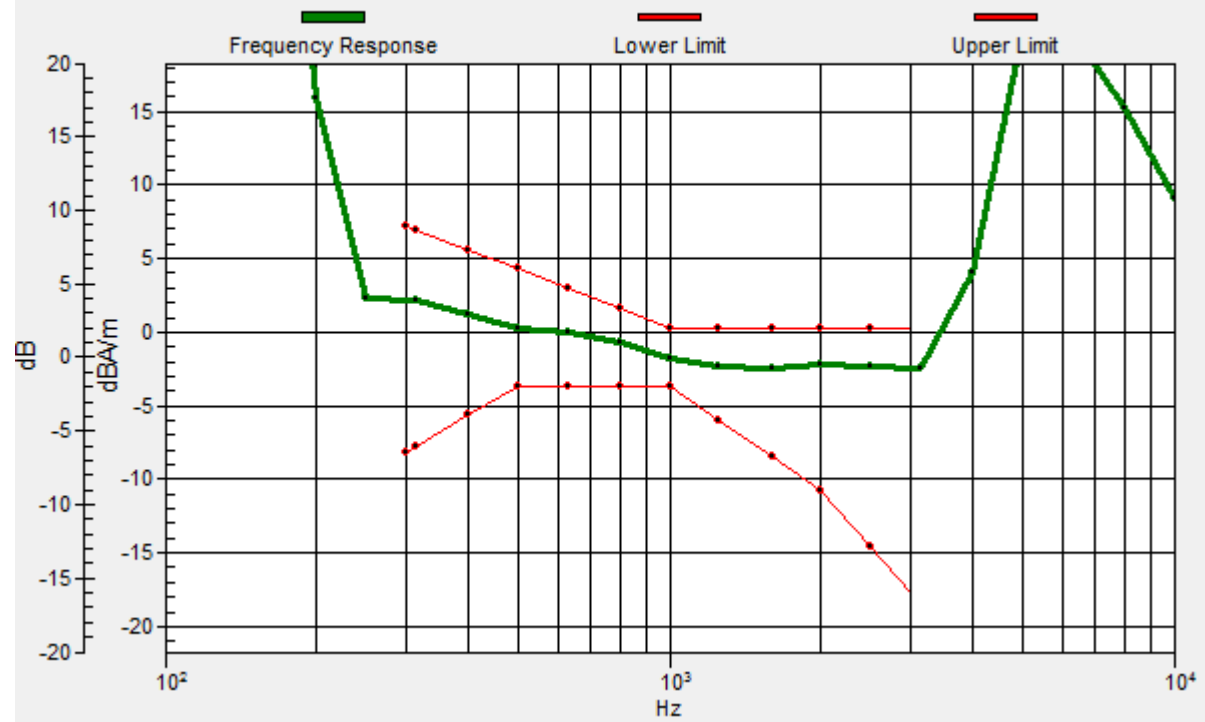
BWC Factor = 0.17 dB

Location: 0, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 1.2, -1, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1428; Calibrated: 2020-03-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

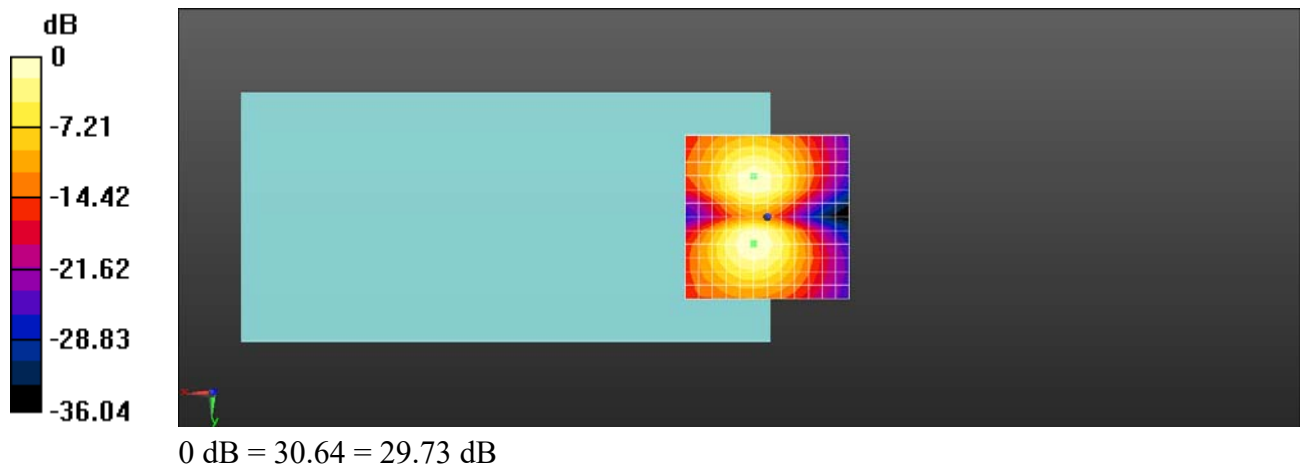
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.73 dB

ABM1 comp = -9.90 dBA/m

BWC Factor = 0.17 dB

Location: 4.2, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

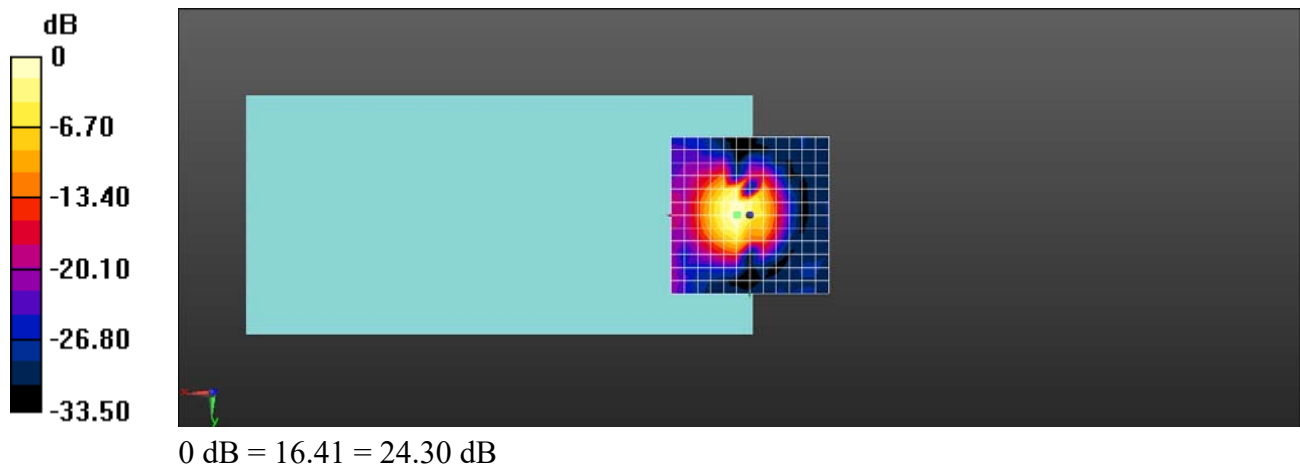
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 24.30 dB

ABM1 comp = -3.70 dBA/m

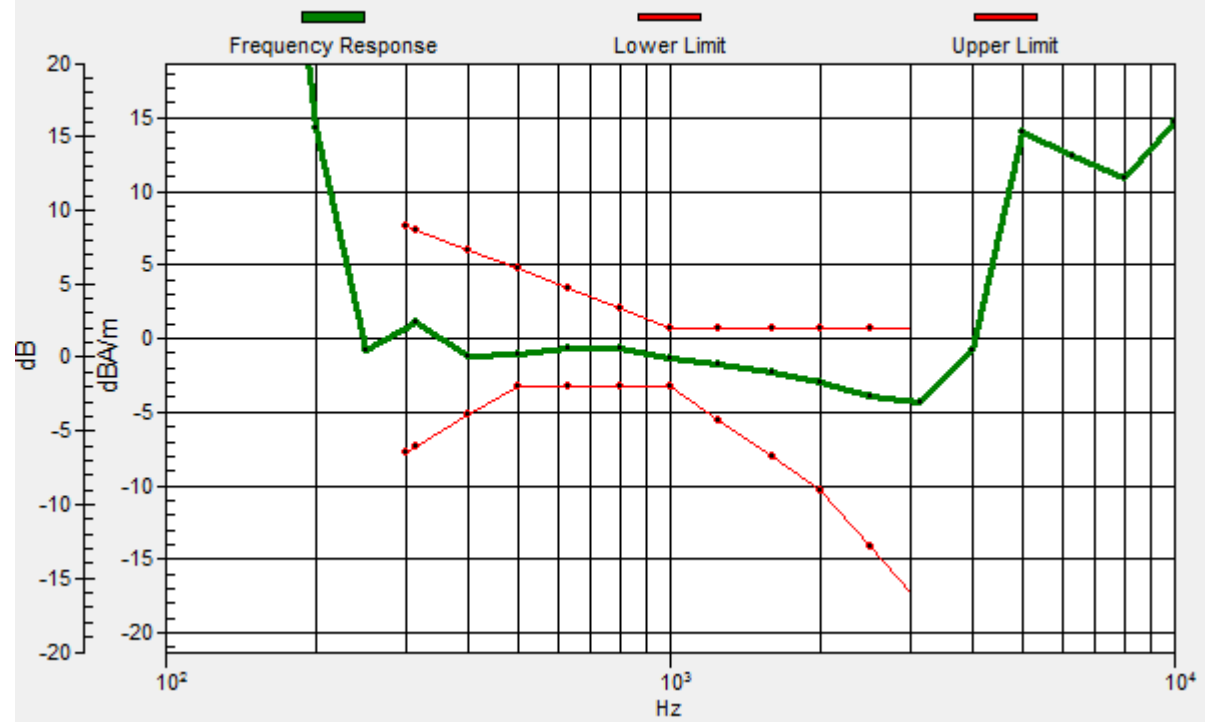
BWC Factor = 0.19 dB

Location: 4.2, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.9, -0.2, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

TA-1333 HAC-T-Coil-WiFi 2.4G 802.11b 6CH Sample2

DUT: TA-1333; Type: Mobile Phone; Serial: H091738000000024

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2020-05-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn896; Calibrated: 2020-06-11
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

T-Coil scan/General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z)

(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 25.18 dB

ABM1 comp = -12.81 dBA/m

BWC Factor = 0.19 dB

Location: 0, -8.3, 3.7 mm

