

Appendix A

Detailed Test Results

1. WCDMA
WCDMA II for T-coil
WCDMA IV for T-coil
WCDMA V for T-coil
2. LTE
LTE Band 2 for T-coil
LTE Band 4 for T-coil
LTE Band 5 for T-coil
LTE Band 12 for T-coil
LTE Band 14 for T-coil
LTE Band 30 for T-coil
3.WLAN
WLAN2.4GHz for T-coil
WLAN5GHz for T-coil

Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

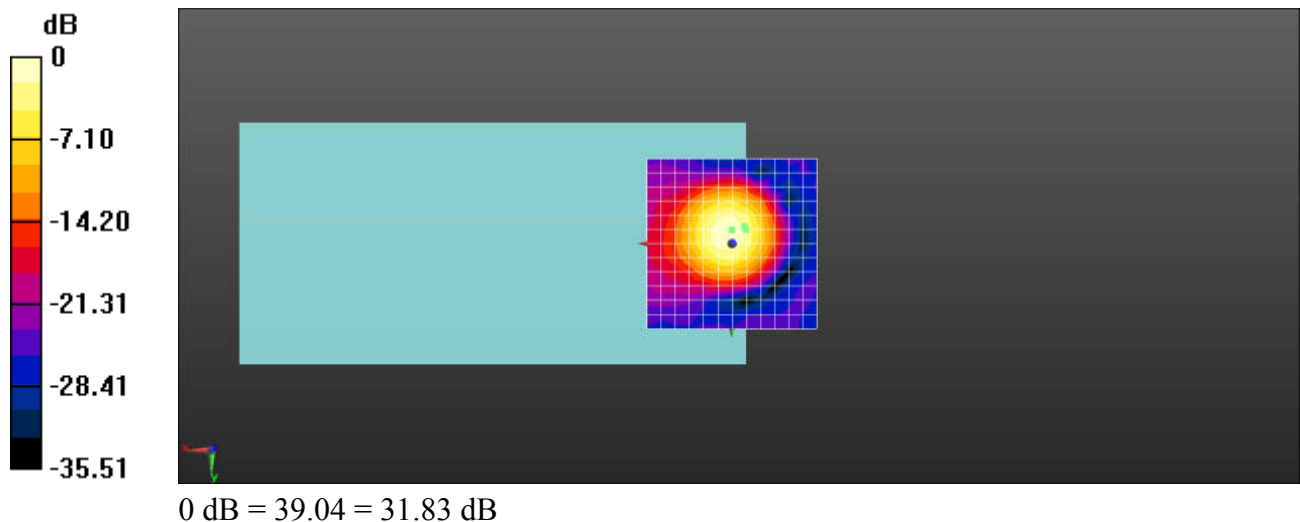
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.83 dB

ABM1 comp = -9.45 dBA/m

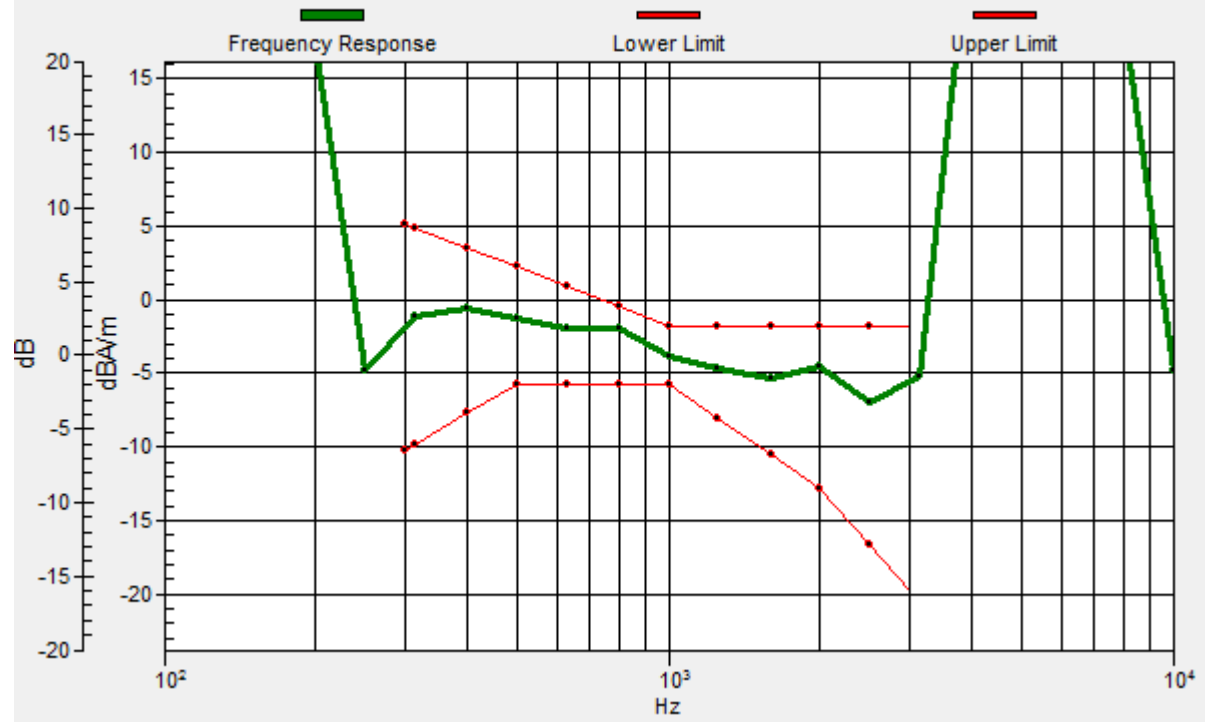
BWC Factor = 0.15 dB

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: 1.45dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

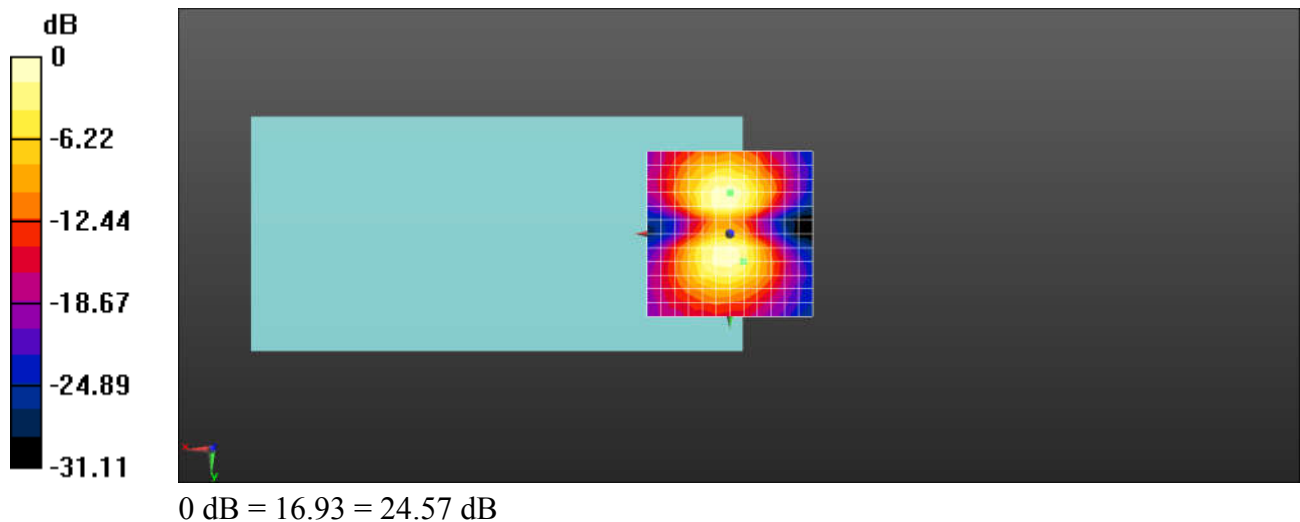
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 24.57 dB

ABM1 comp = -16.64 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

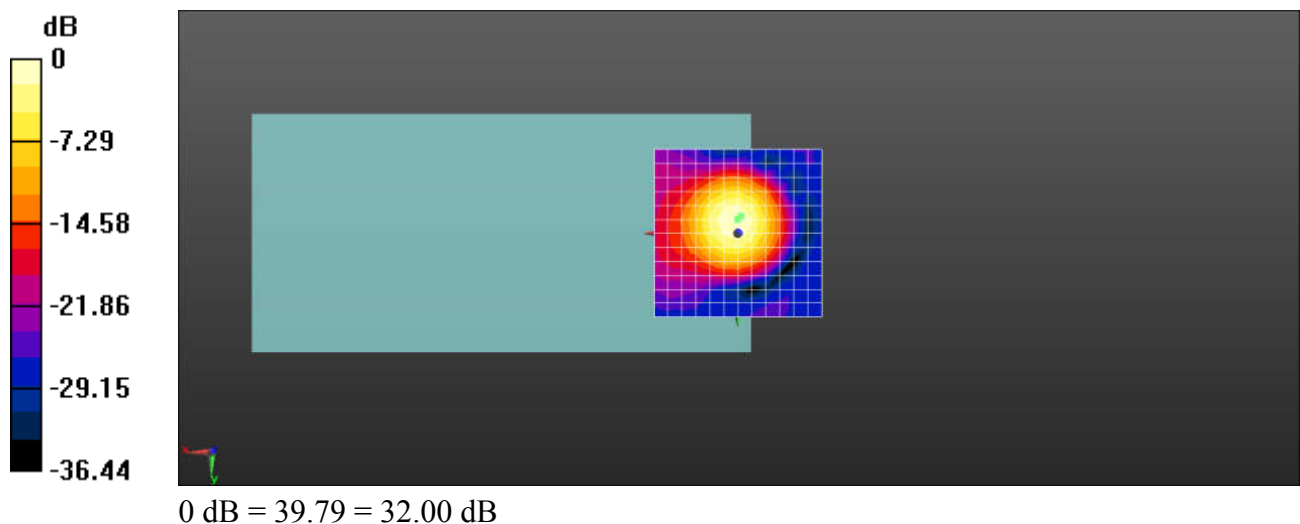
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.99 dB

ABM1 comp = -6.18 dBA/m

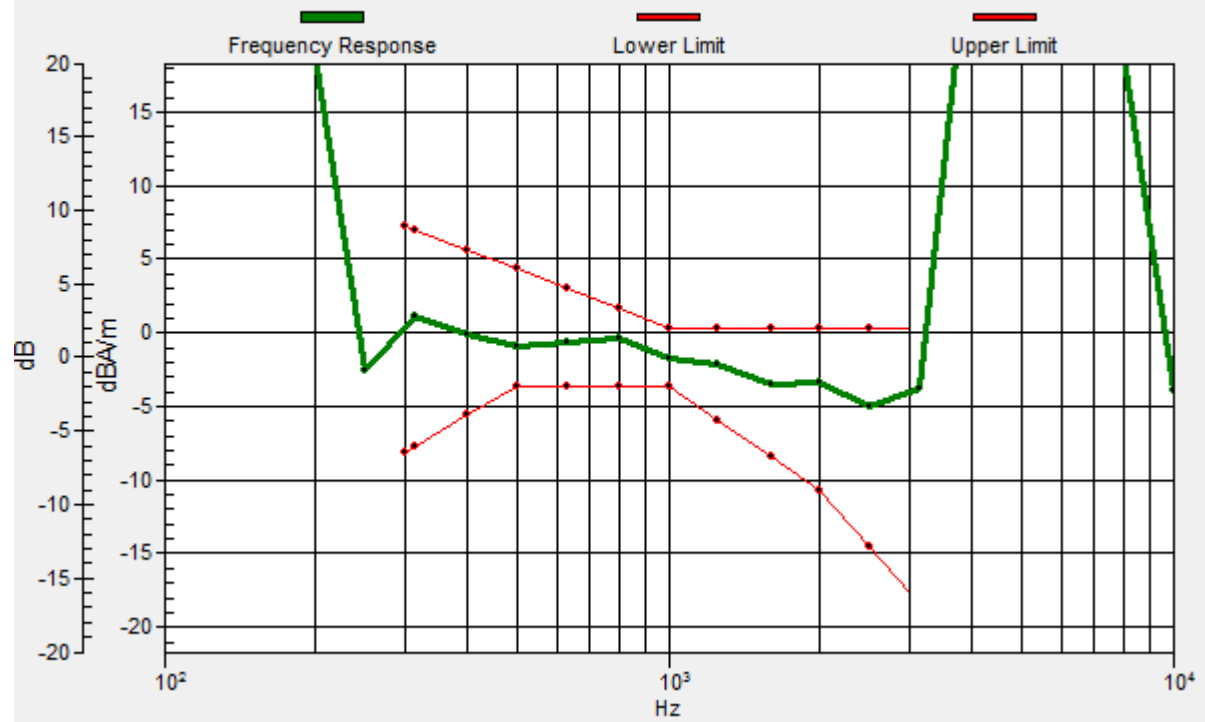
BWC Factor = 0.16 dB

Location: 0, -4.2, 3.7 mm



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

Loc: -0.8, -5, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

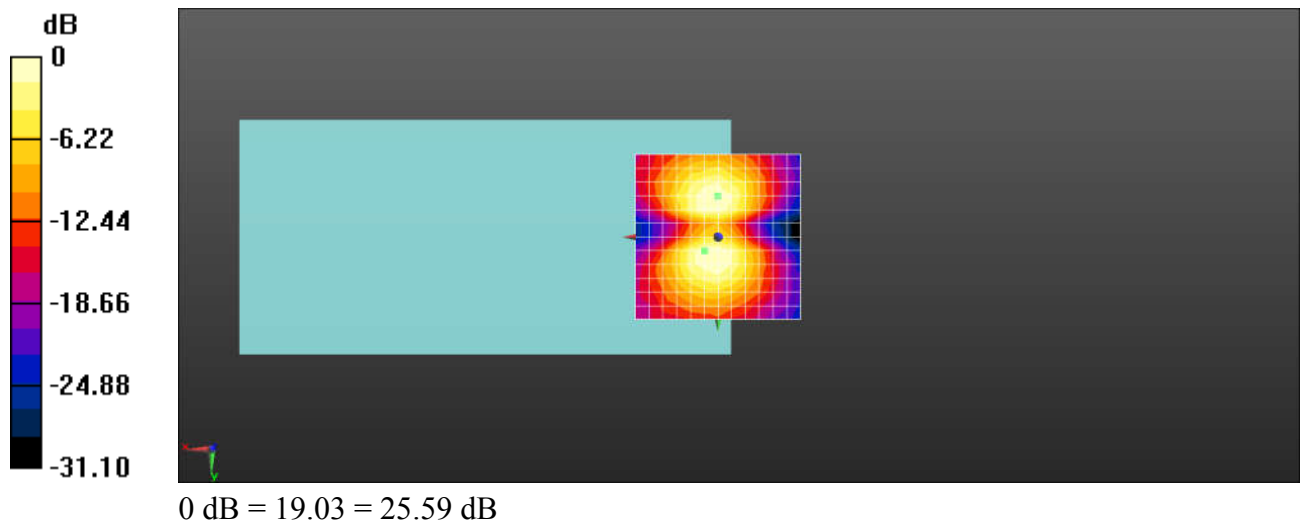
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 25.59 dB

ABM1 comp = -15.20 dBA/m

BWC Factor = 0.16 dB

Location: 0, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

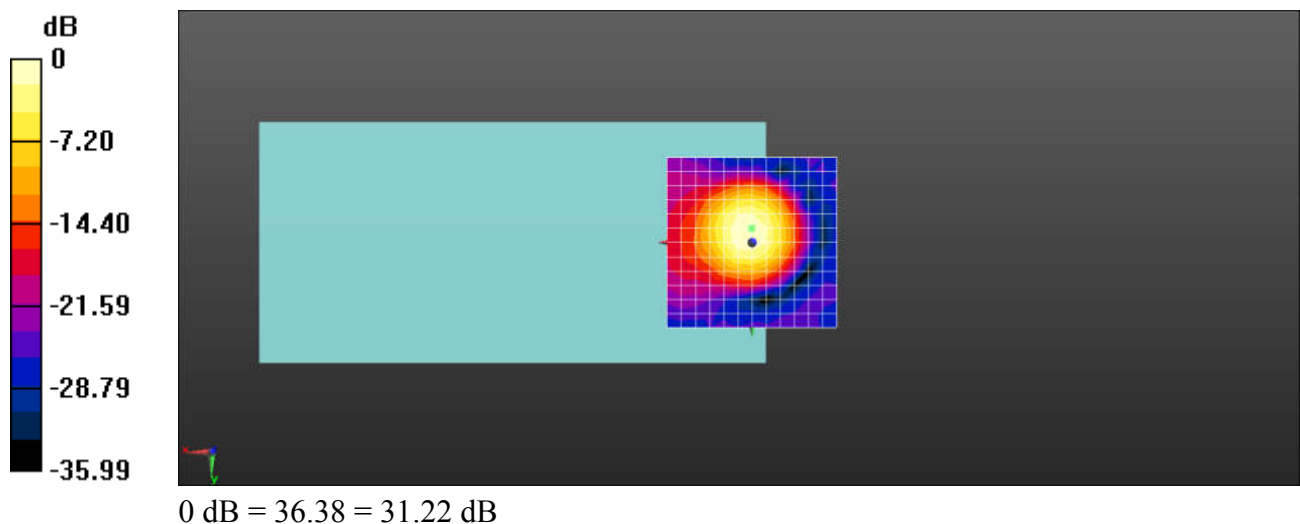
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.22 dB

ABM1 comp = -7.69 dBA/m

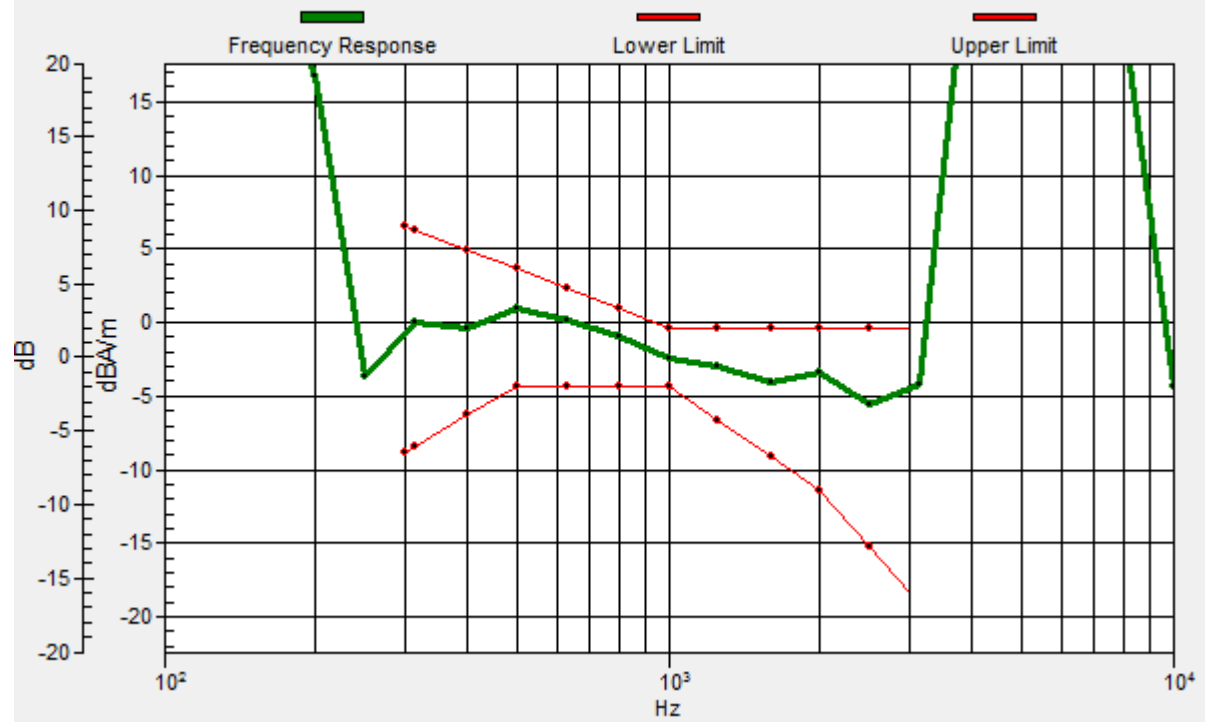
BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm



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

Loc: 0, 0.1, 3.7 mm Diff: 1.8dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

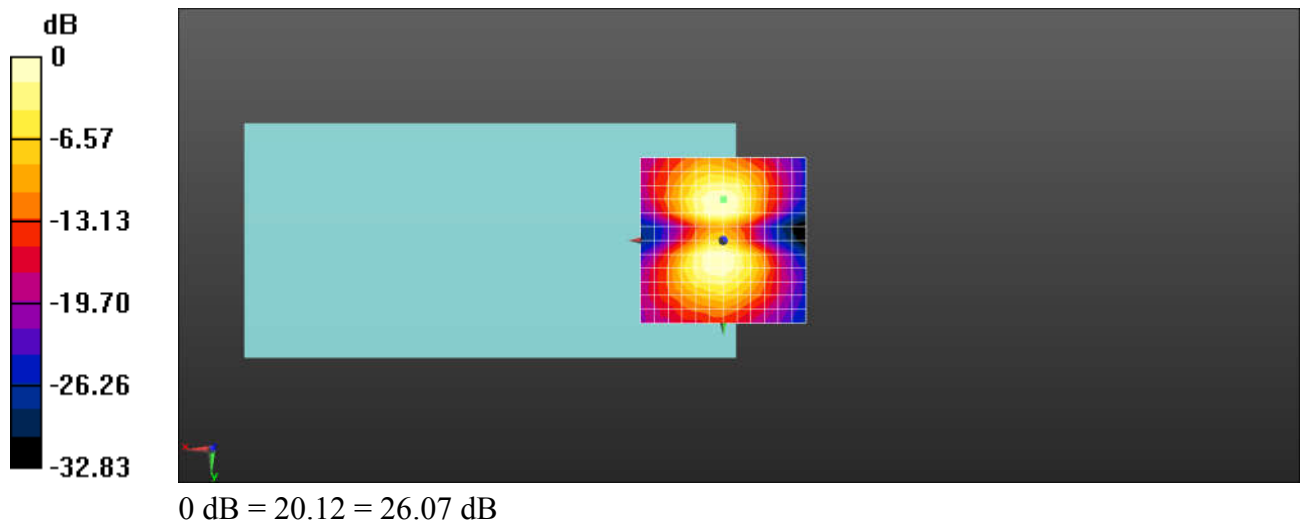
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 26.07 dB

ABM1 comp = -14.64 dBA/m

BWC Factor = 0.15 dB

Location: 0, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 2 20M QPSK 1RB99 18900CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

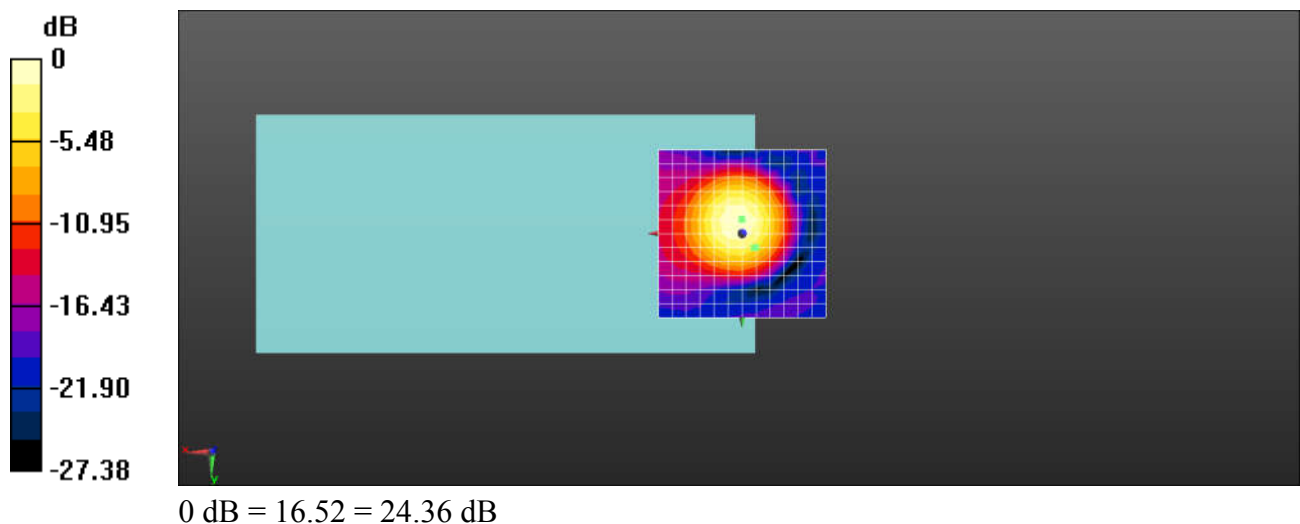
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 24.36 dB

ABM1 comp = -8.35 dBA/m

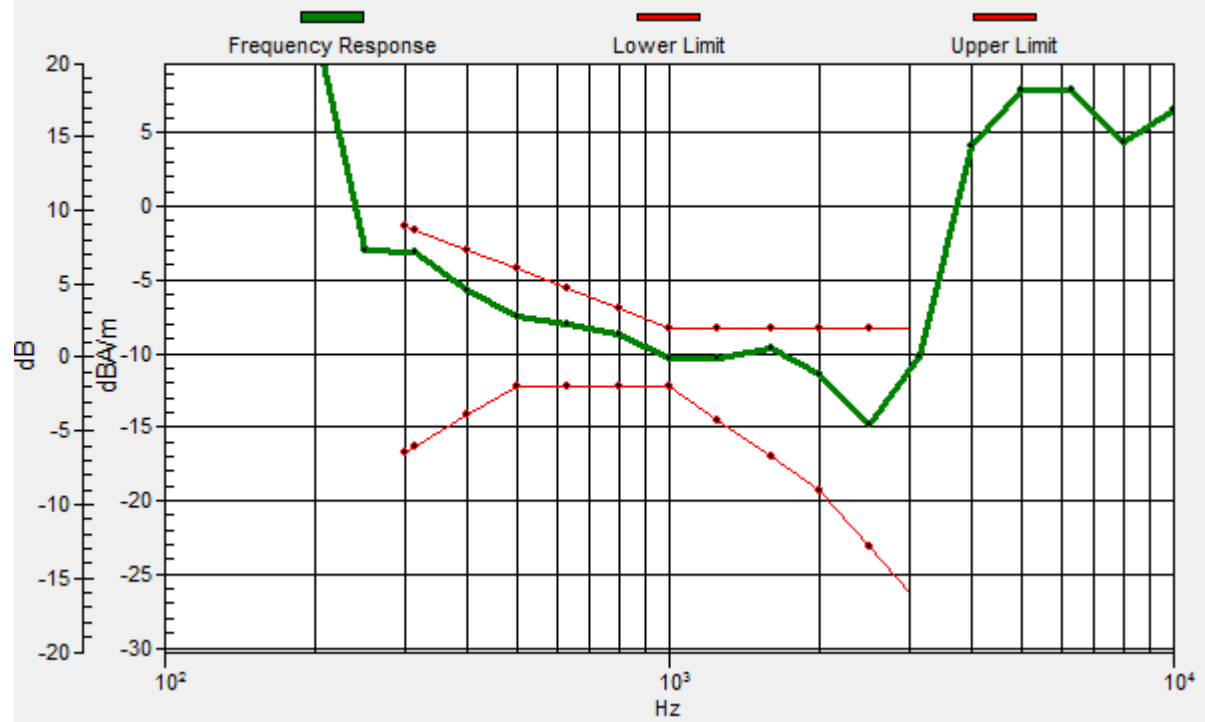
BWC Factor = 0.16 dB

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, 4.3, 3.7 mm Diff: 1.42dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 2 20M QPSK 1RB99 18900CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

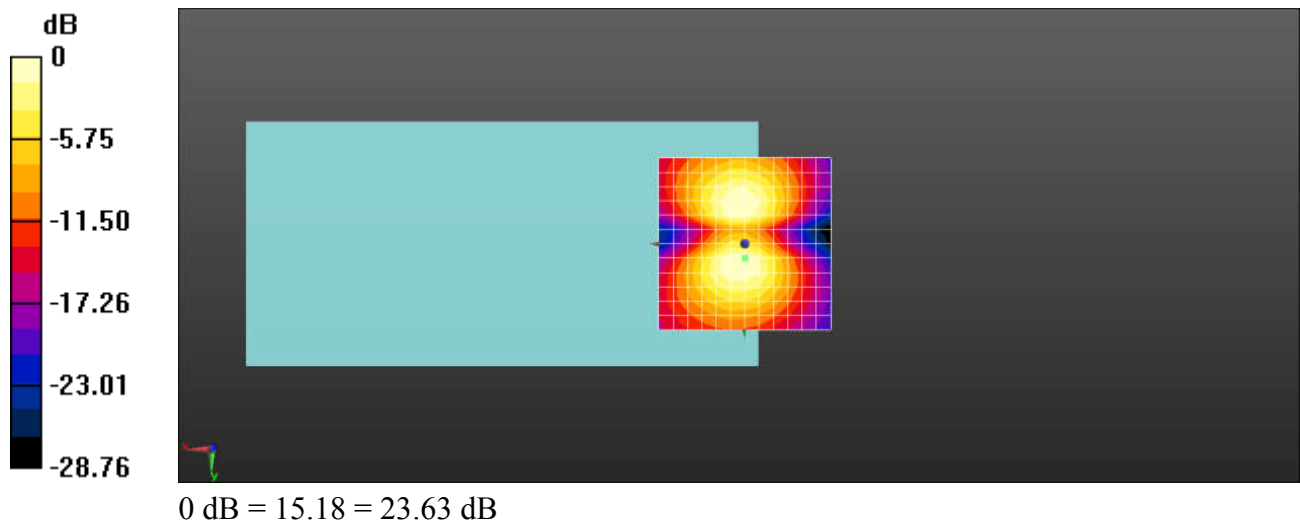
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 23.62 dB

ABM1 comp = -8.51 dBA/m

BWC Factor = 0.16 dB

Location: 0, 4.2, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 4 20M QPSK 1RB99 20175CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

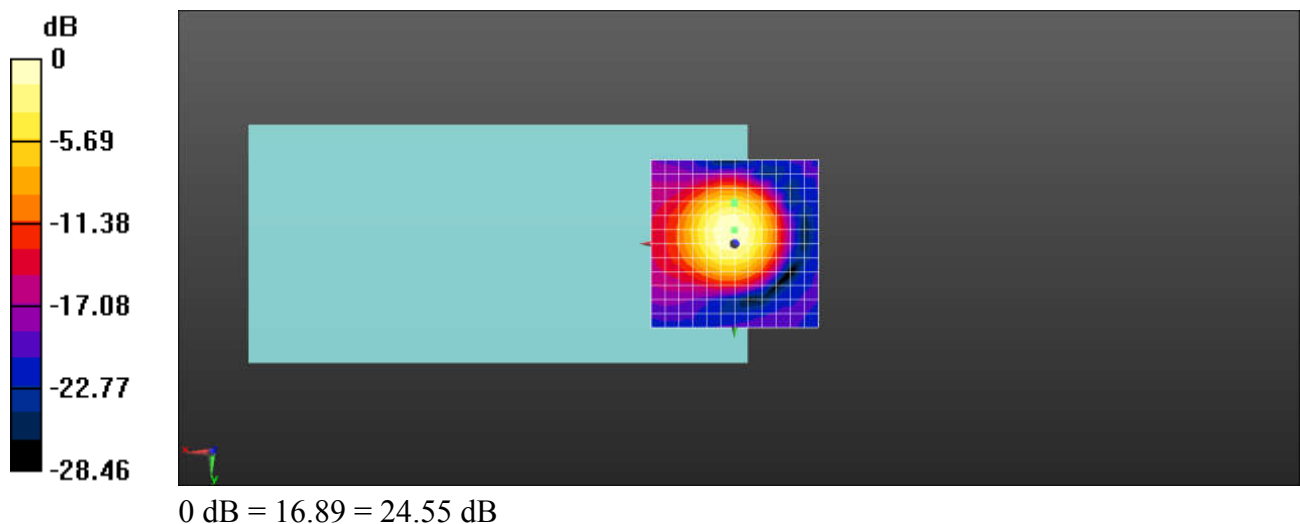
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 24.55 dB

ABM1 comp = -8.26 dBA/m

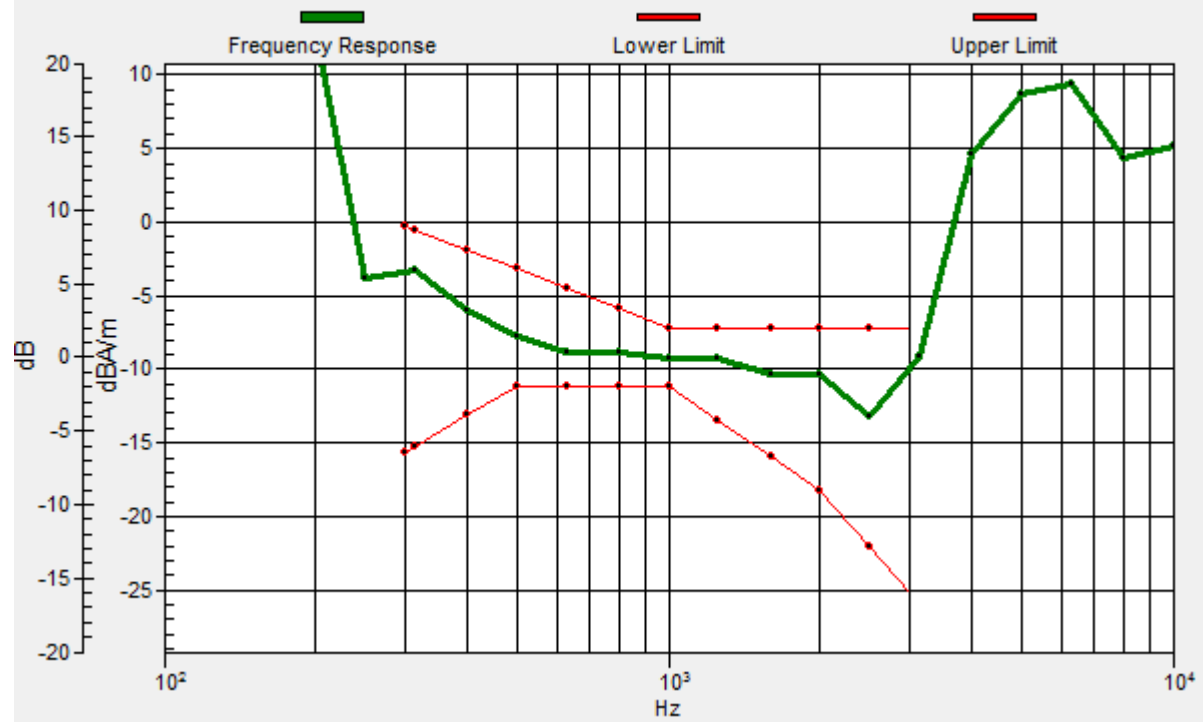
BWC Factor = 0.16 dB

Location: 0, -12.5, 3.7 mm



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

Loc: 0.2, -11.9, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 4 20M QPSK 1RB99 20175CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

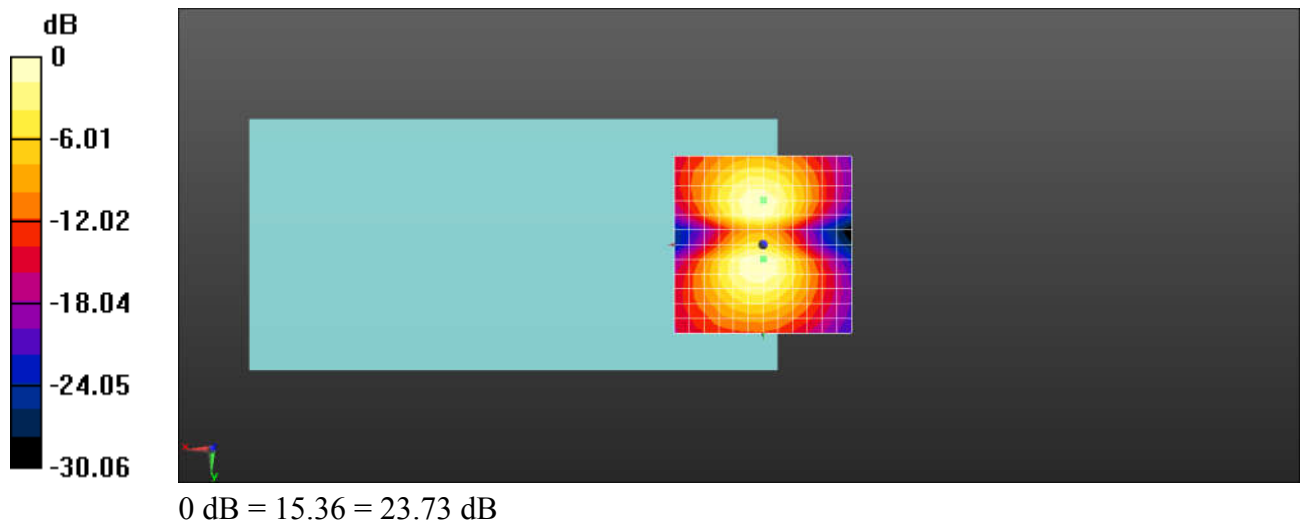
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 23.73 dB

ABM1 comp = -8.75 dBA/m

BWC Factor = 0.16 dB

Location: 0, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 5 10M QPSK 1RB49 20525CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

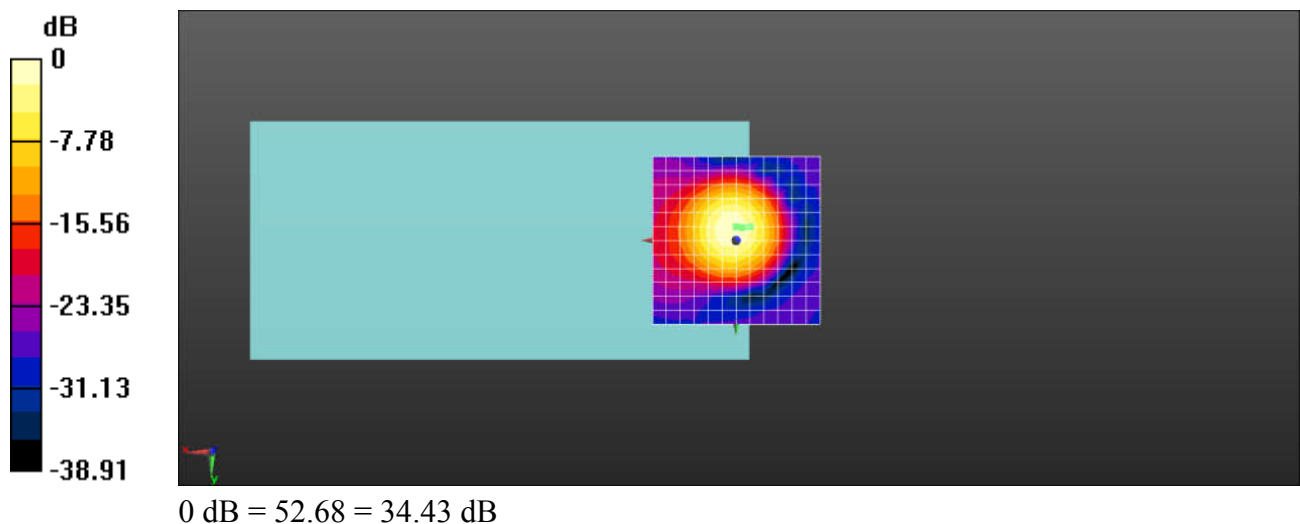
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.43 dB

ABM1 comp = -3.28 dBA/m

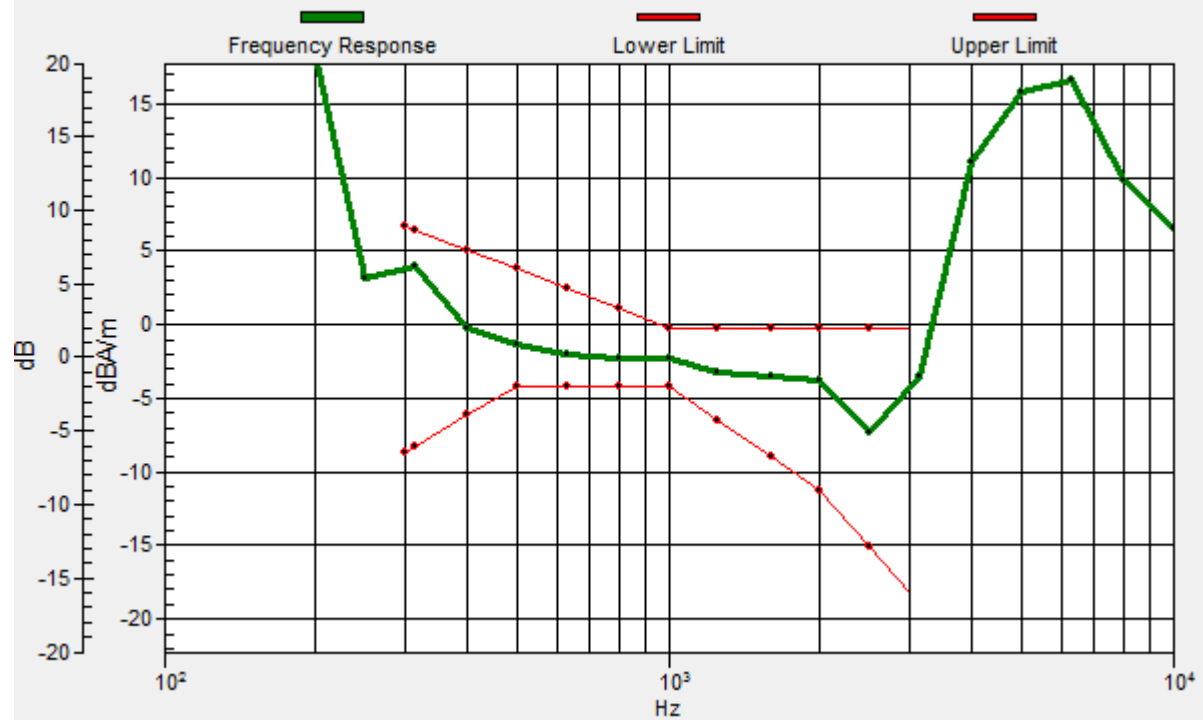
BWC Factor = 0.15 dB

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: -1.8, -3.7, 3.7 mm Diff: 1.91dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 5 10M QPSK 1RB49 20525CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

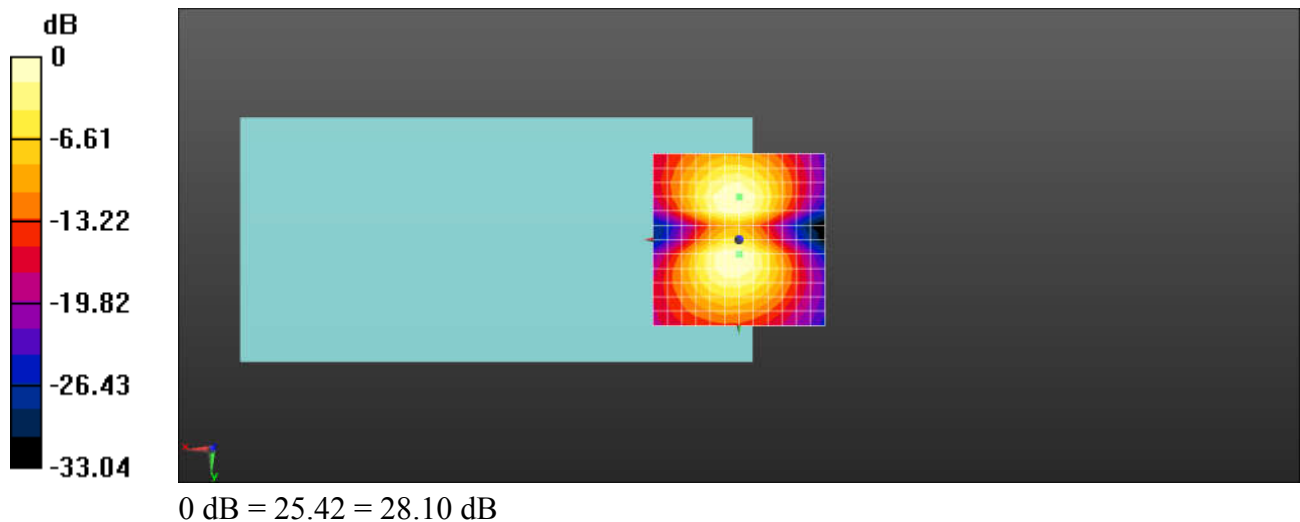
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.10 dB

ABM1 comp = -8.43 dBA/m

BWC Factor = 0.15 dB

Location: 0, 4.2, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 12 10M QPSK 1RB49 23095CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

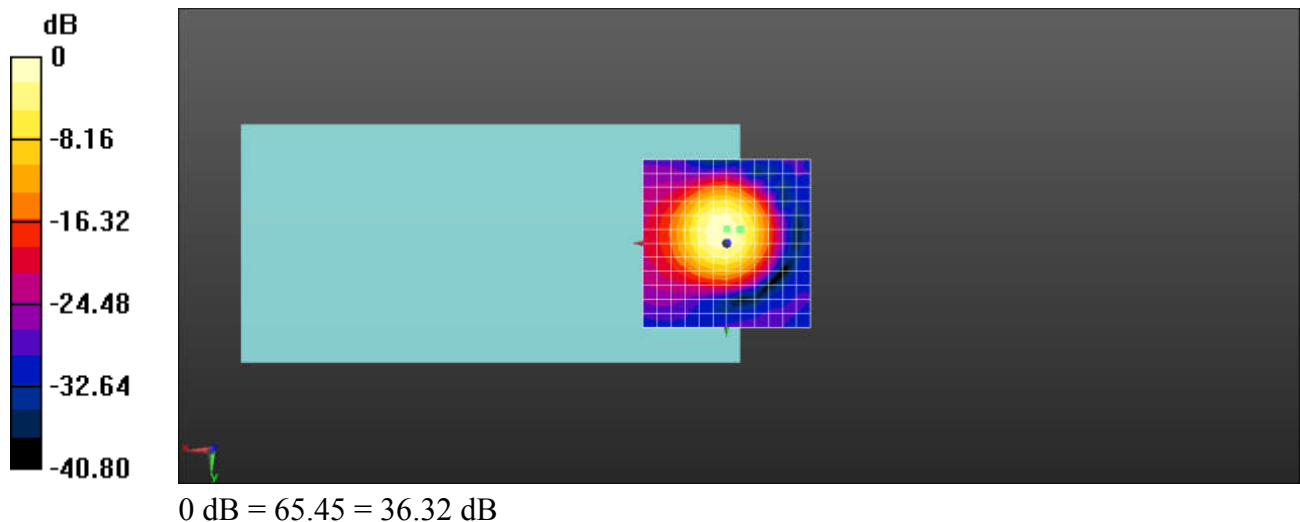
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.32 dB

ABM1 comp = -3.32 dBA/m

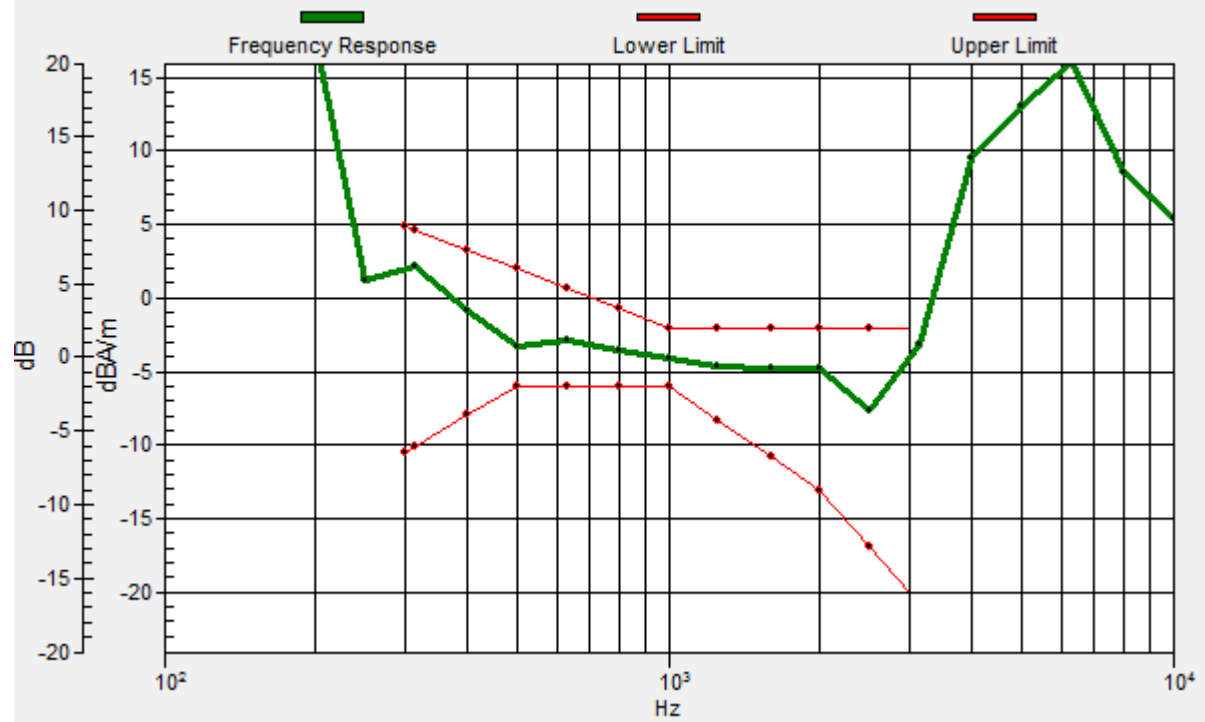
BWC Factor = 0.15 dB

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: -3.6, -3.9, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 12 10M QPSK 1RB49 23095CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

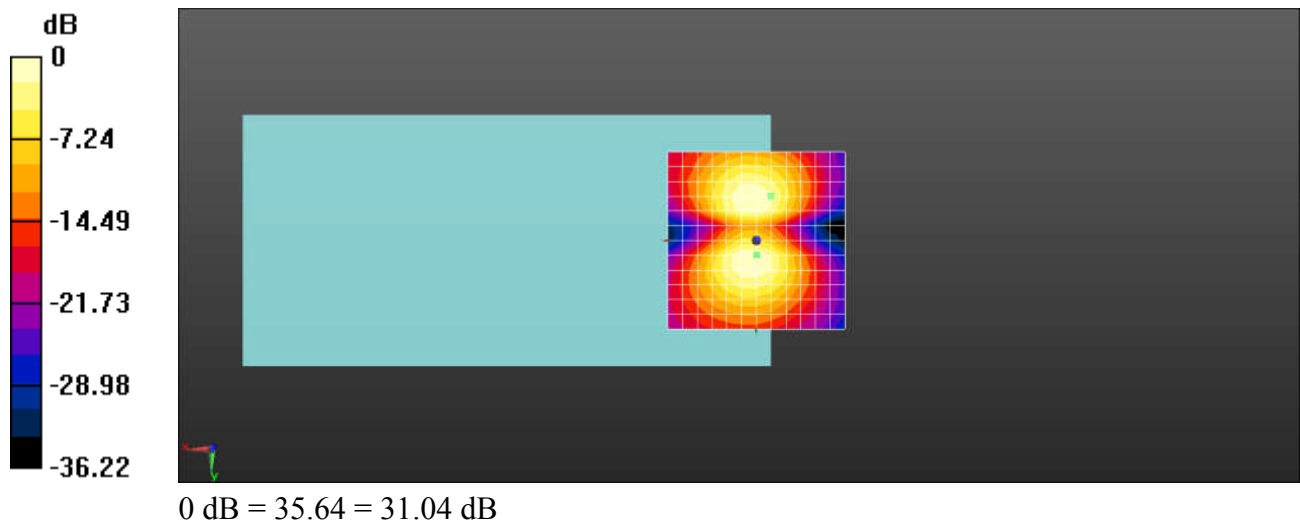
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.04 dB

ABM1 comp = -10.21 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 14 10M QPSK 1RB49 23330CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

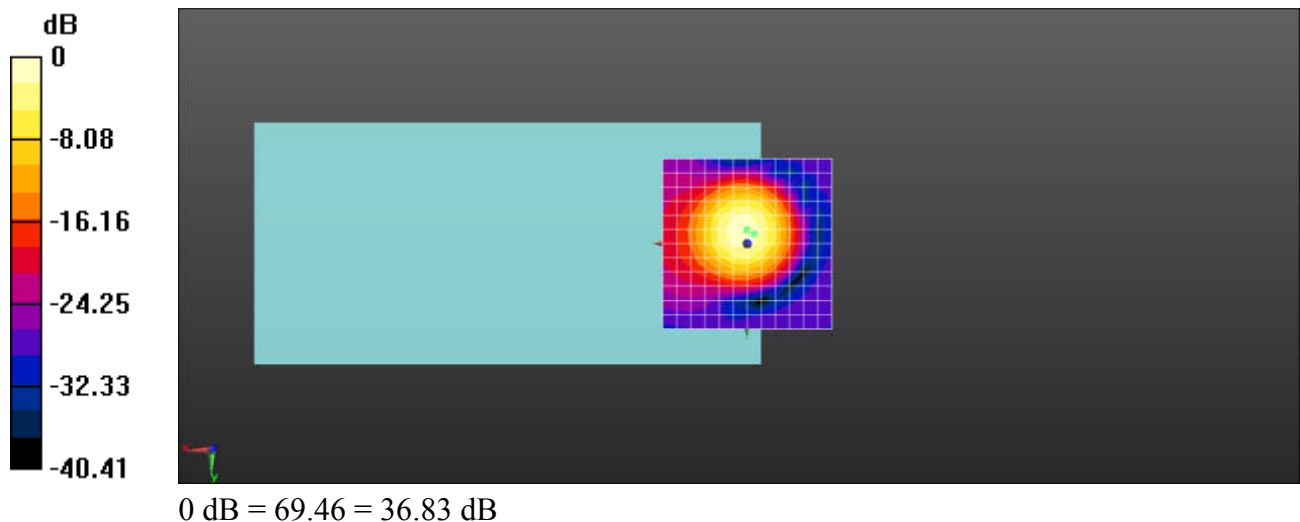
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.83 dB

ABM1 comp = 0.20 dBA/m

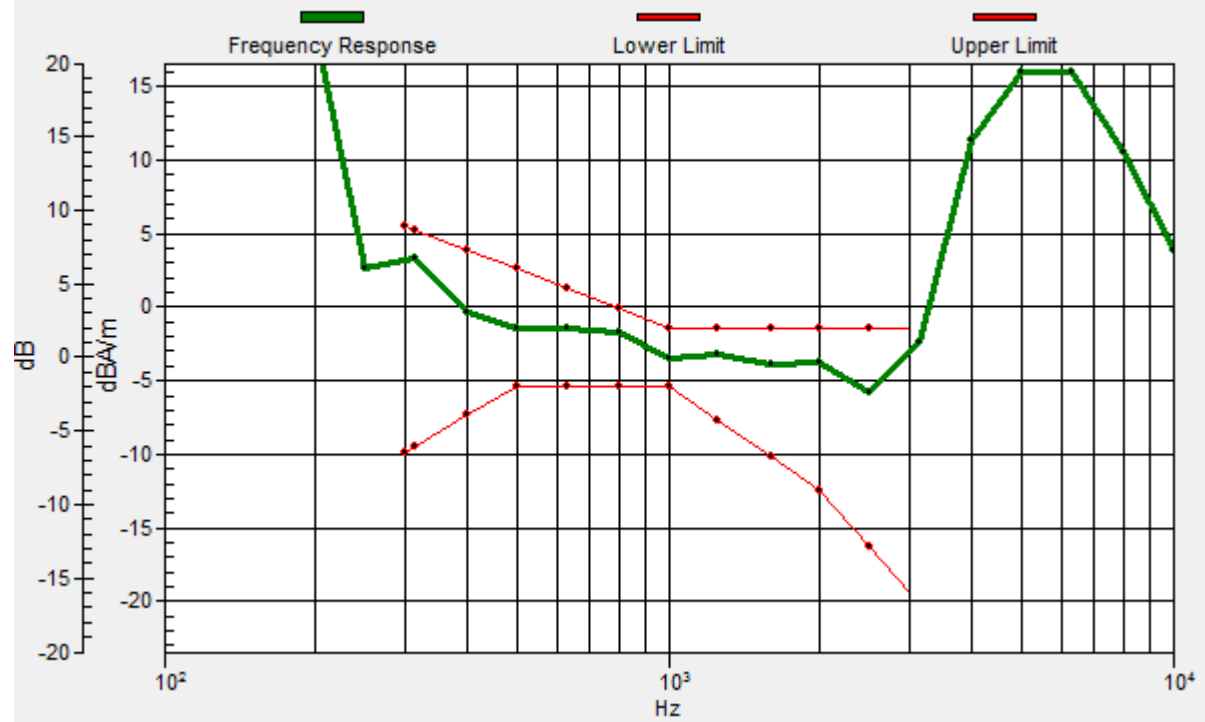
BWC Factor = 0.15 dB

Location: 0, -4.2, 3.7 mm



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

Loc: -2, -2.7, 3.7 mm Diff: 1.6dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 14 10M QPSK 1RB49 23330CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 793 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

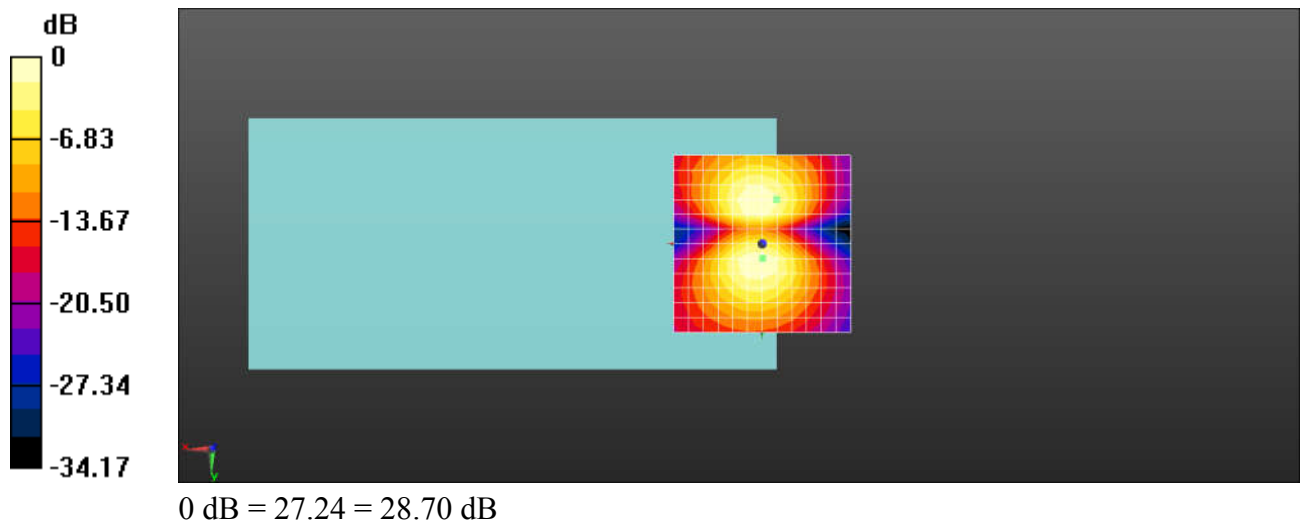
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 28.70 dB

ABM1 comp = -10.00 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 30 10M QPSK 1RB49 27710CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

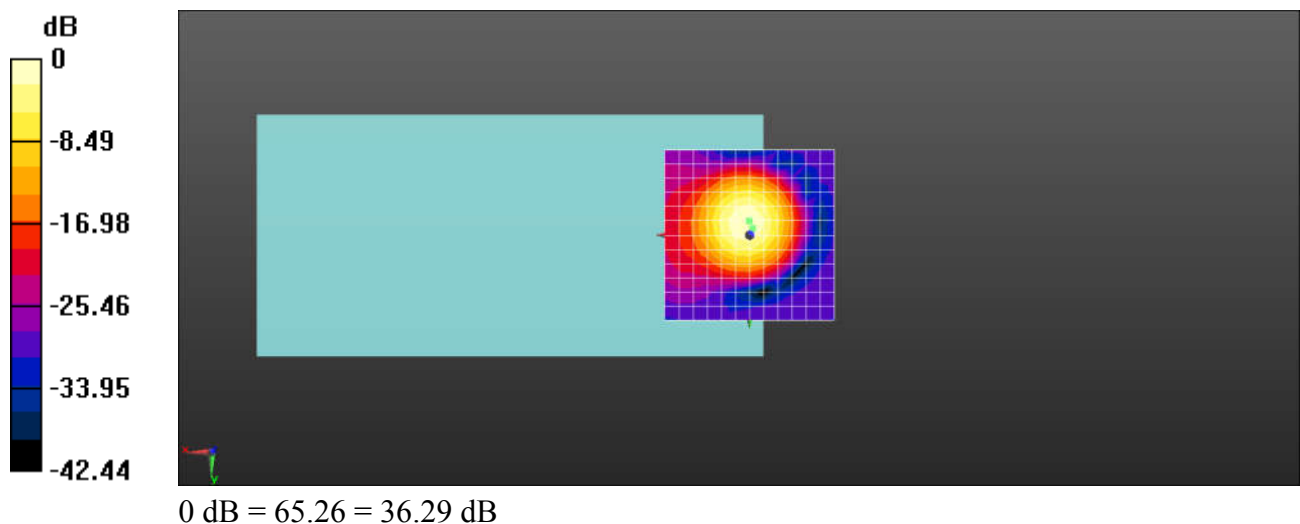
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.29 dB

ABM1 comp = 0.10 dBA/m

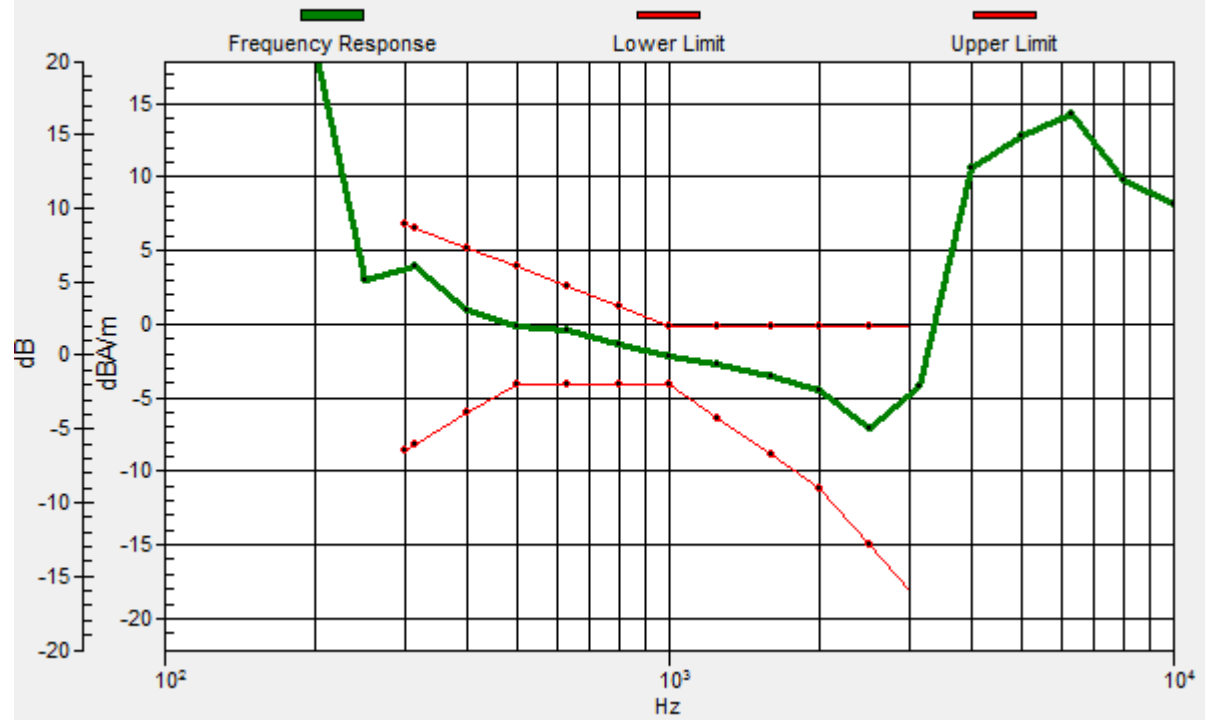
BWC Factor = 0.15 dB

Location: 0, -4.2, 3.7 mm



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

Loc: -0.8, -1.8, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 30 10M QPSK 1RB49 27710CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 2310 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

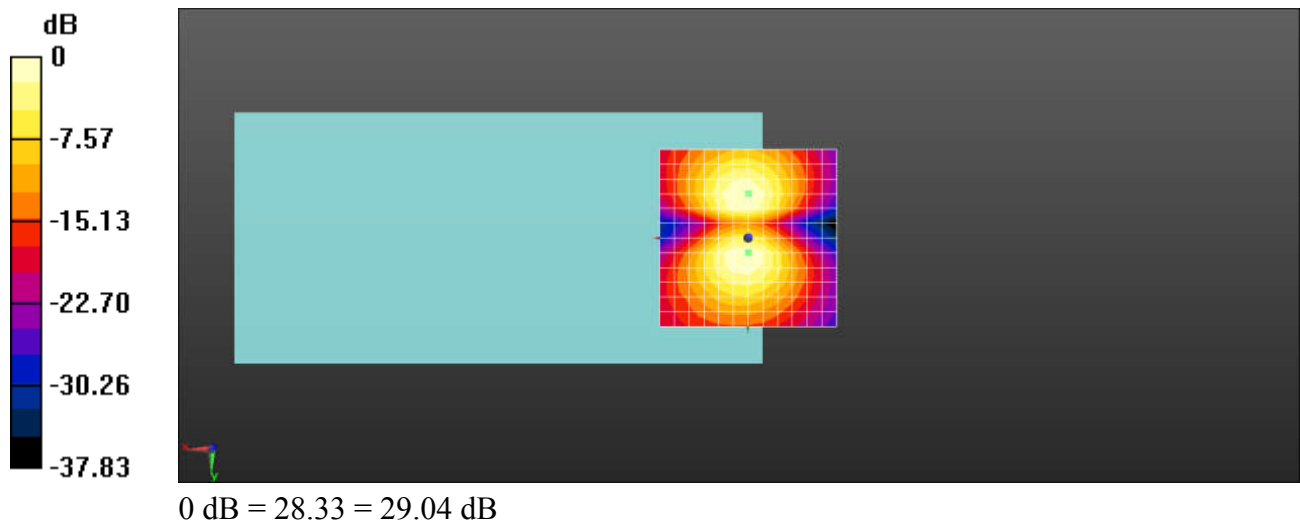
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.04 dB

ABM1 comp = -8.31 dBA/m

BWC Factor = 0.15 dB

Location: 0, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 2.4G 802.11b 6CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

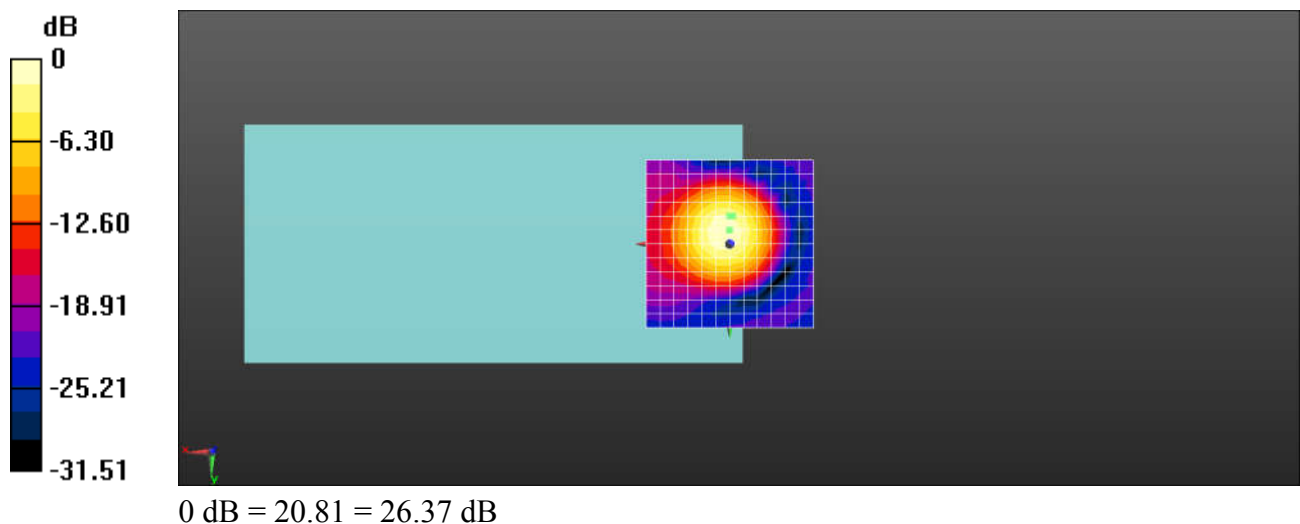
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 26.37 dB

ABM1 comp = -2.99 dBA/m

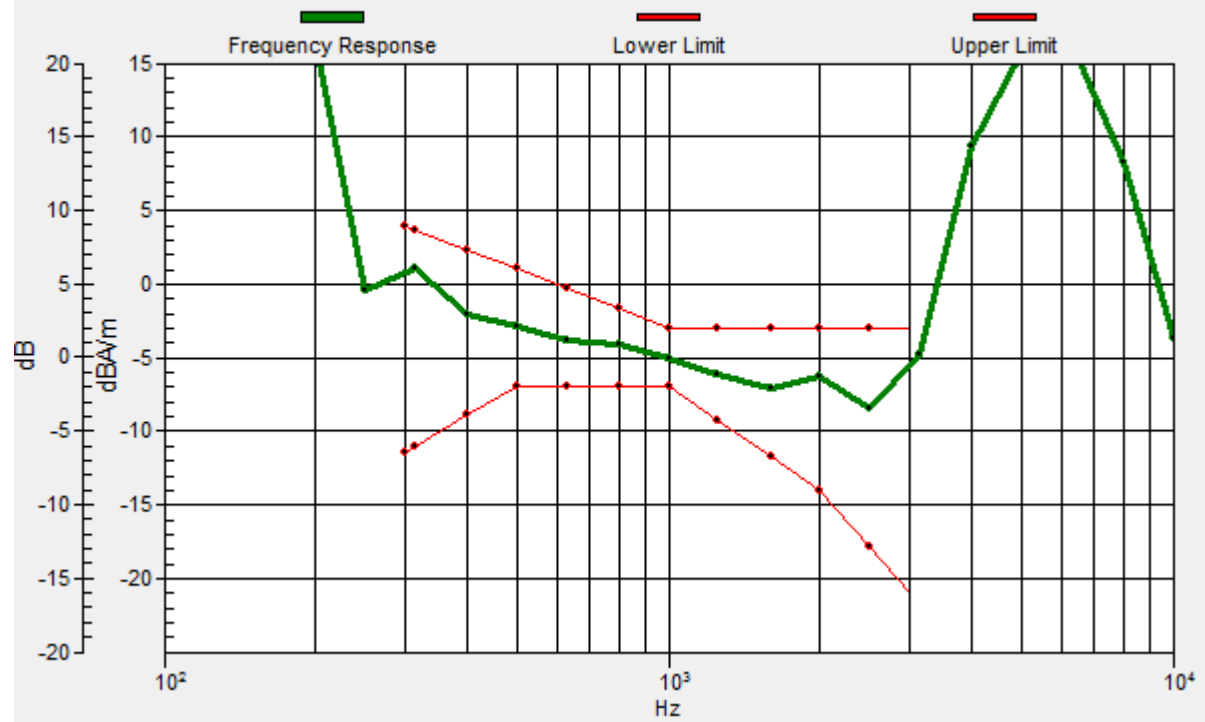
BWC Factor = 0.15 dB

Location: 0, -8.3, 3.7 mm



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

Loc: -0.8, -8.2, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 2.4G 802.11b 6CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

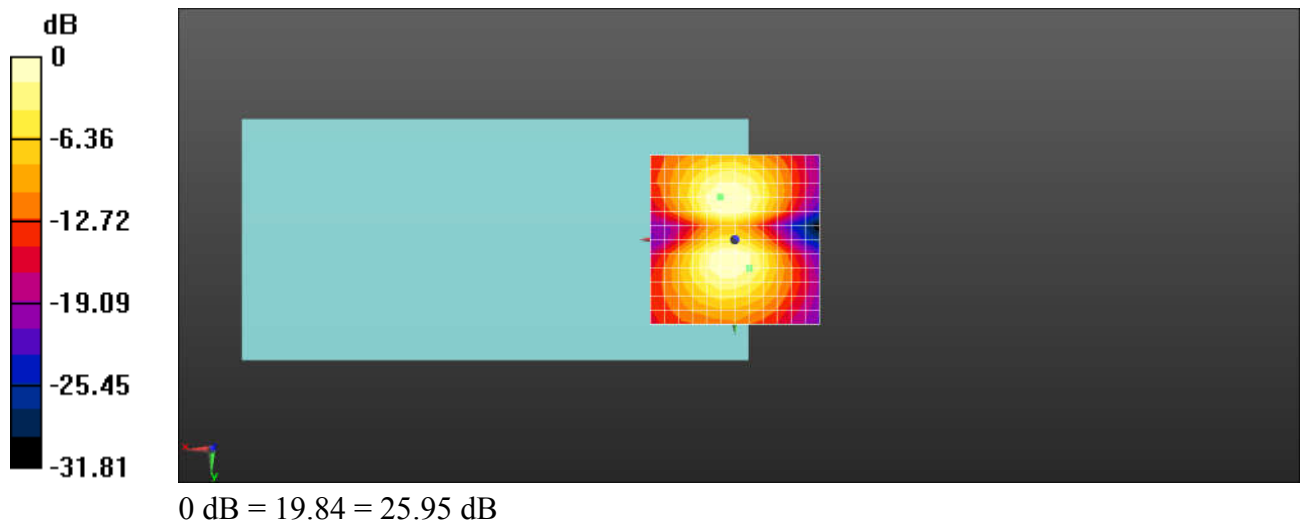
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 25.95 dB

ABM1 comp = -10.73 dBA/m

BWC Factor = 0.15 dB

Location: -4.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 40CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5200 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

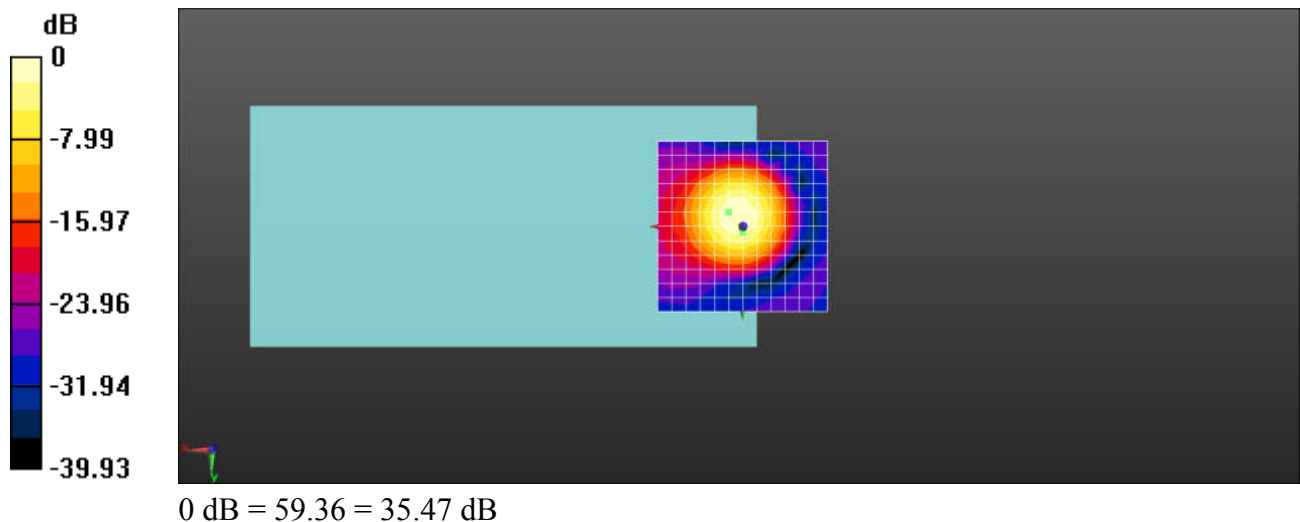
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.47 dB

ABM1 comp = -1.10 dBA/m

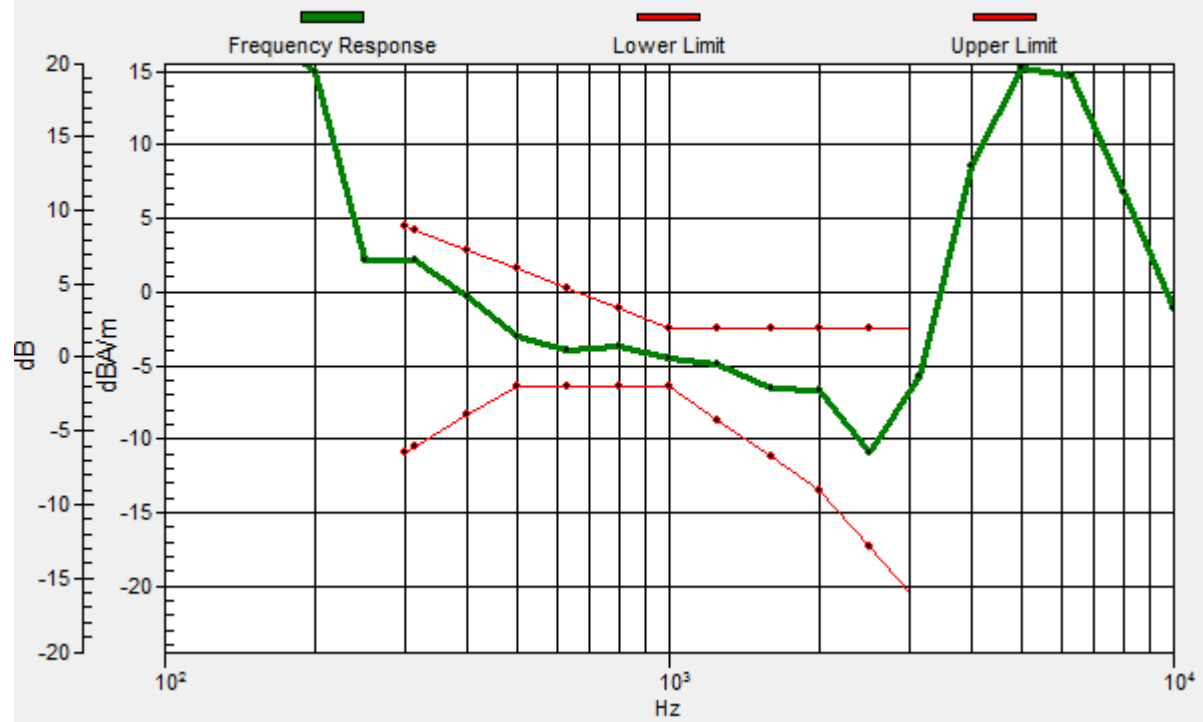
BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm



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

Loc: 0.2, 1.8, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 40CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5200 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

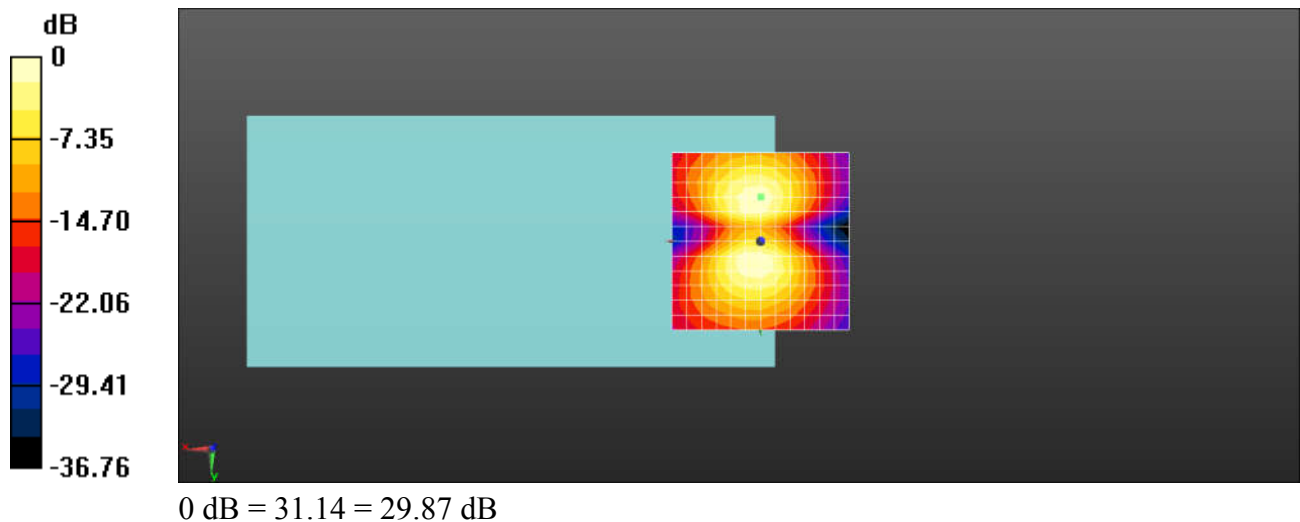
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.87 dB

ABM1 comp = -7.97 dBA/m

BWC Factor = 0.15 dB

Location: 0, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 60CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

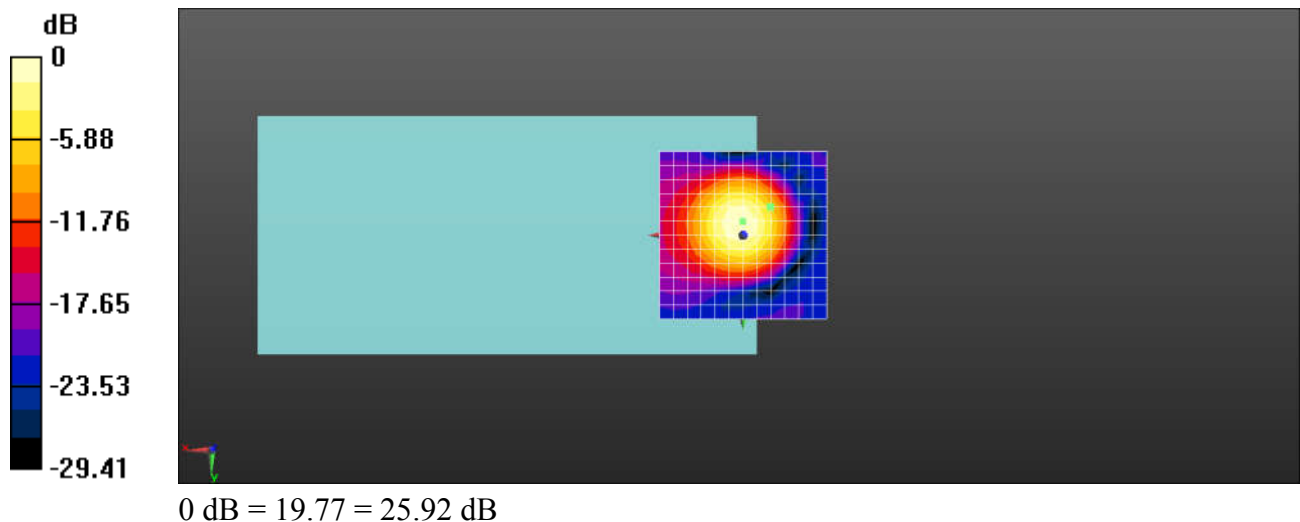
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 25.92 dB

ABM1 comp = -11.07 dBA/m

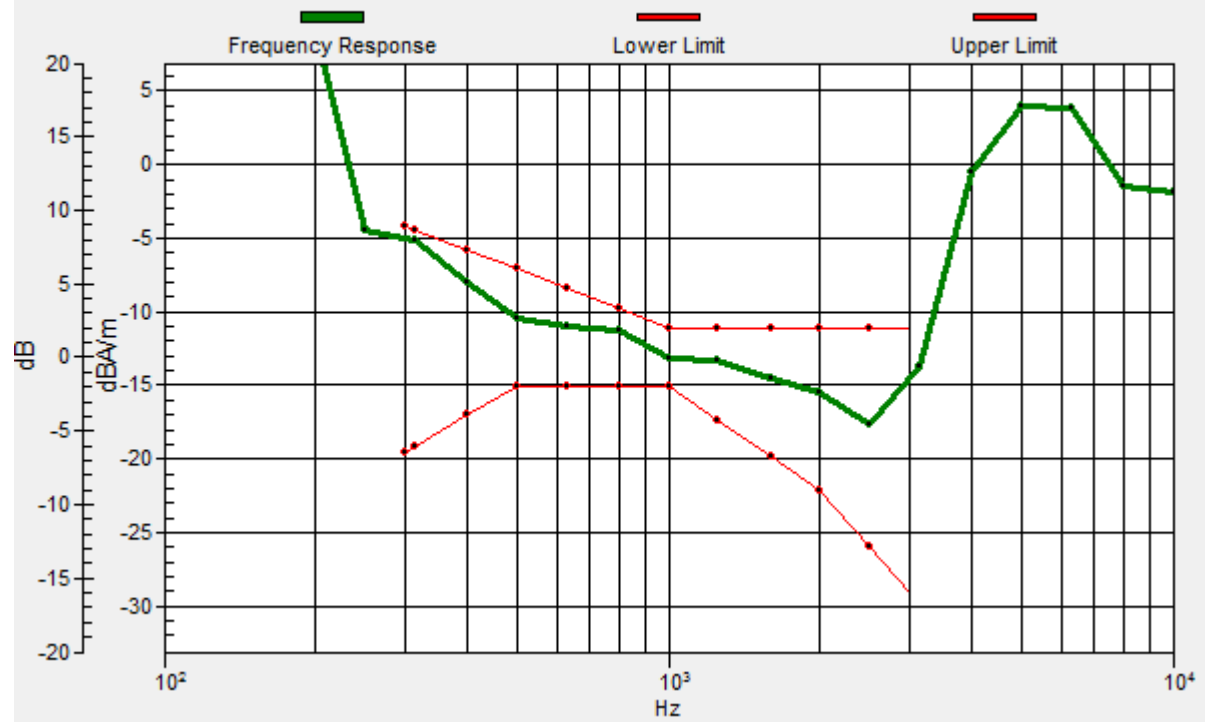
BWC Factor = 0.15 dB

Location: -8.3, -8.3, 3.7 mm



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

Loc: -8, -8.5, 3.7 mm Diff: 0.67dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 60CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

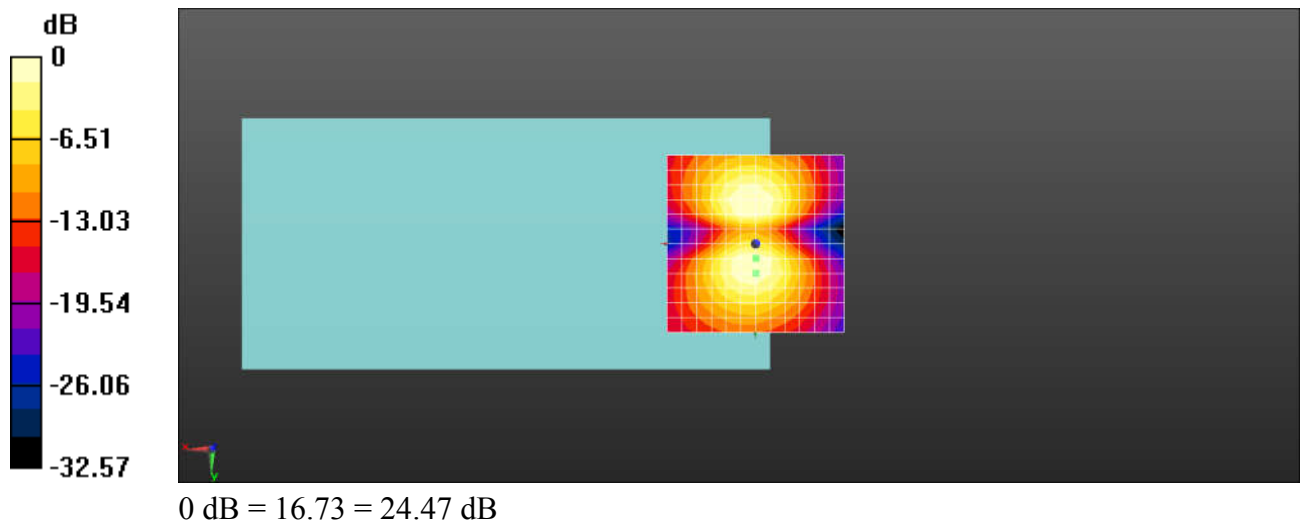
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 24.47 dB

ABM1 comp = -8.86 dBA/m

BWC Factor = 0.15 dB

Location: 0, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 124CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5620 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

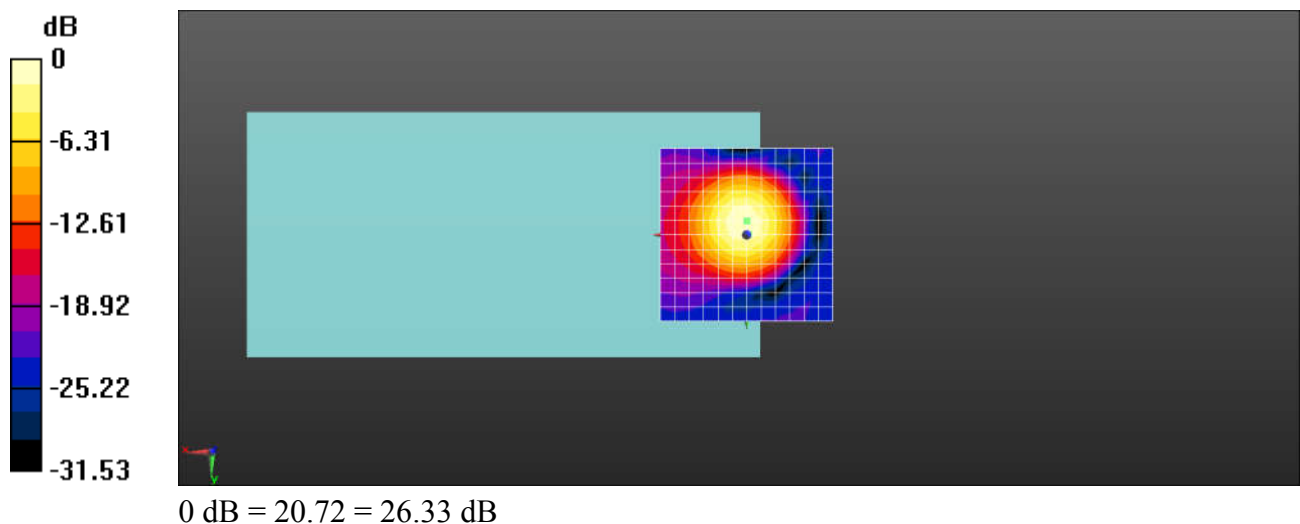
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 26.33 dB

ABM1 comp = -1.59 dBA/m

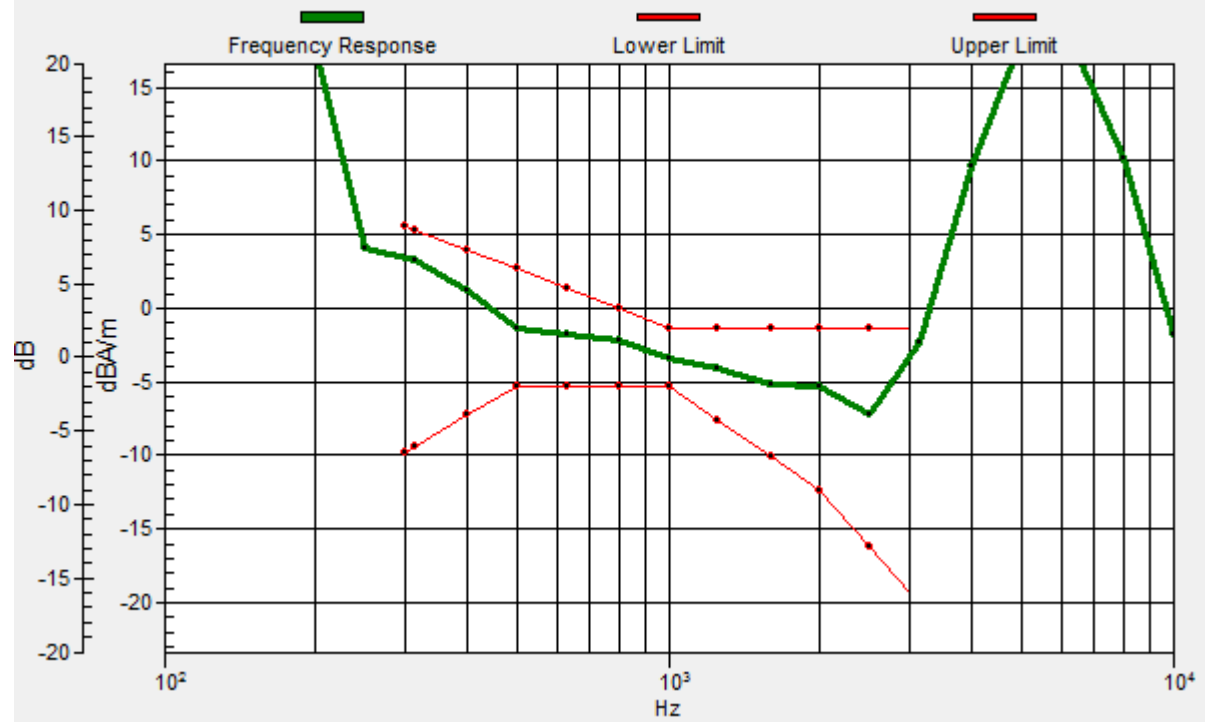
BWC Factor = 0.15 dB

Location: 0, 0, 3.7 mm



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

Loc: -0.4, -0.1, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 124CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5620 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

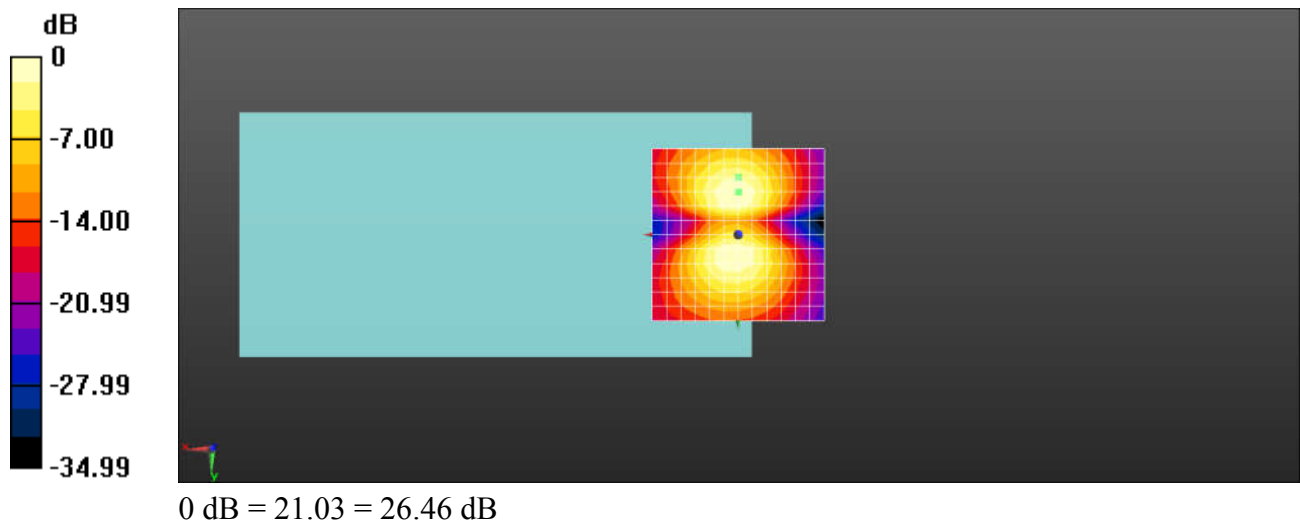
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 26.46 dB

ABM1 comp = -10.75 dBA/m

BWC Factor = 0.15 dB

Location: 0, -16.7, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 157CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

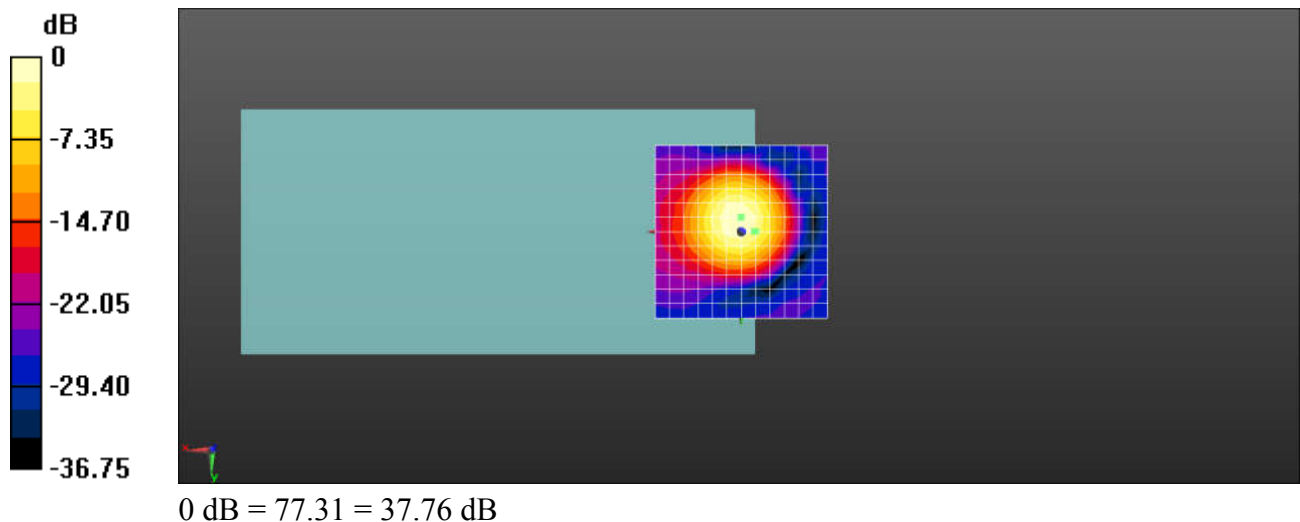
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 37.76 dB

ABM1 comp = -4.18 dBA/m

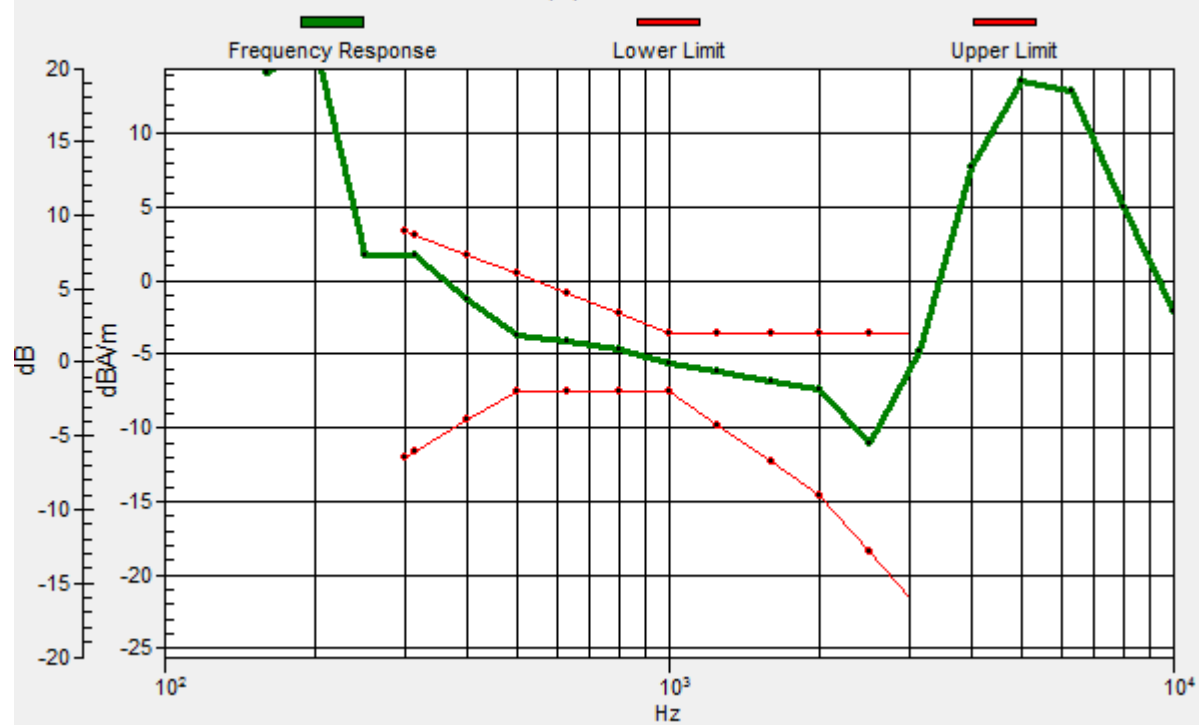
BWC Factor = 0.15 dB

Location: -4.2, 0, 3.7 mm



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

Loc: -3.7, 0, 3.7 mm Diff: 1.4dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-WiFi 5G 802.11A 157CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

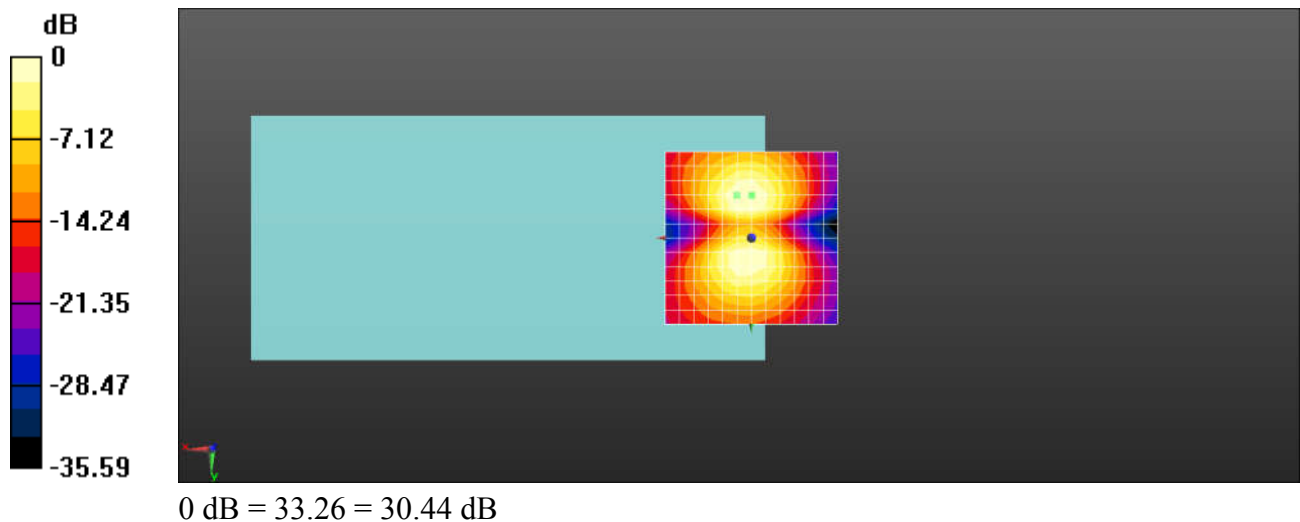
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.44 dB

ABM1 comp = -8.80 dBA/m

BWC Factor = 0.15 dB

Location: 4.2, -12.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 2 20M QPSK 1RB99 18900CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

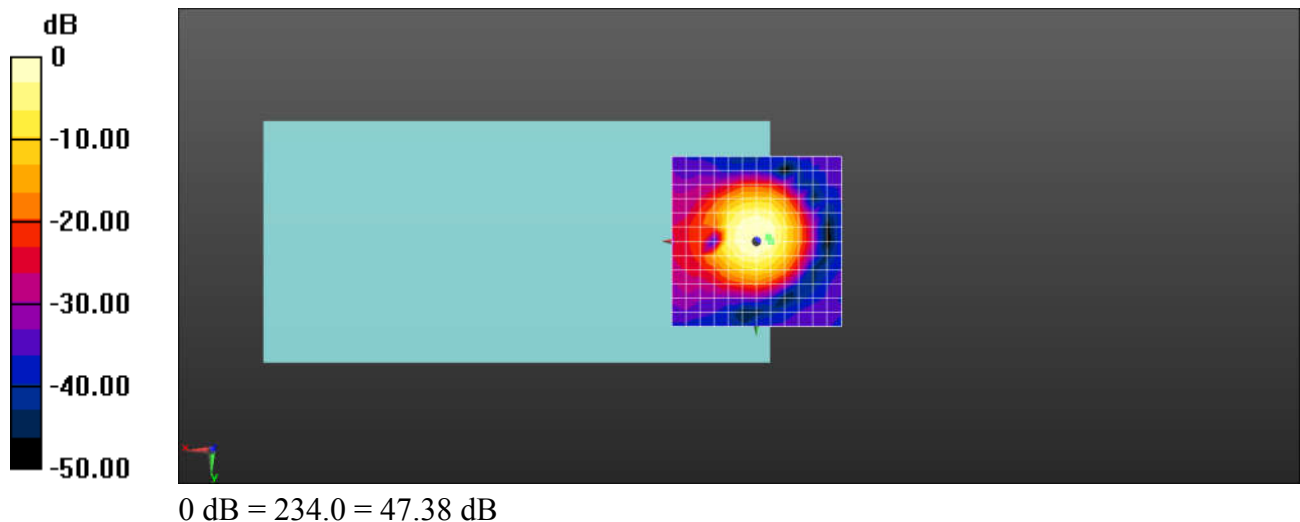
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 47.39 dB

ABM1 comp = 1.88 dBA/m

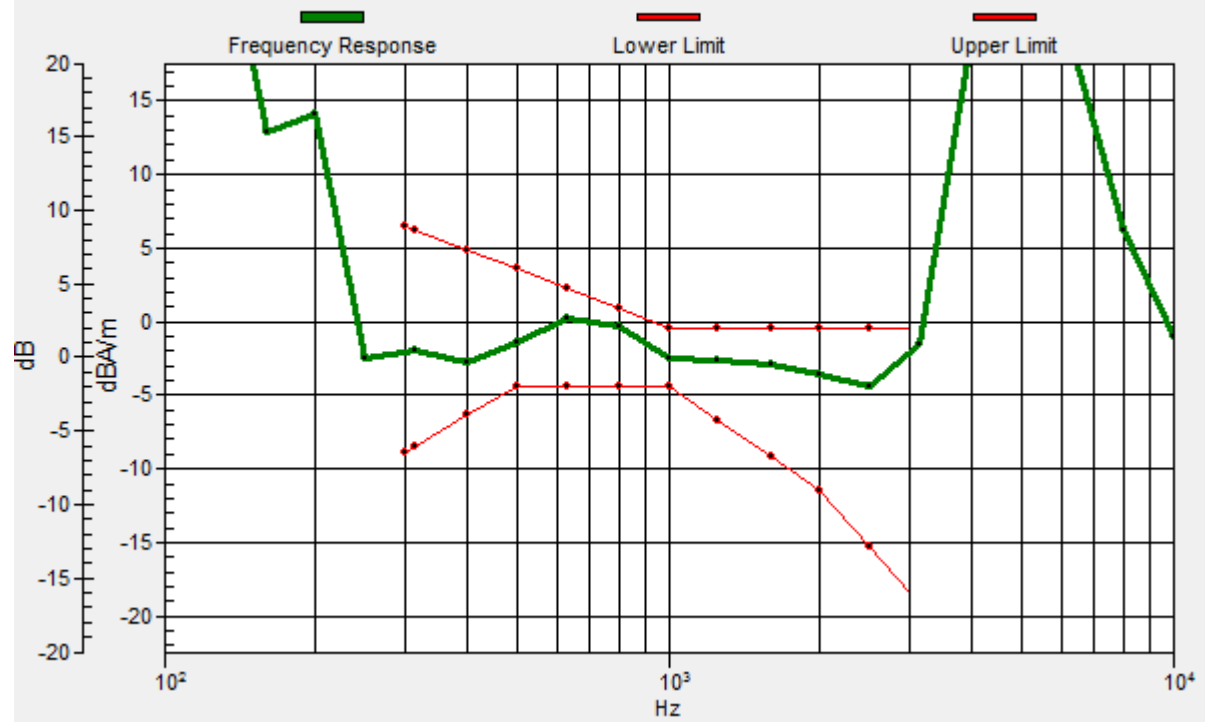
BWC Factor = 0.18 dB

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, -1.3, 3.7 mm Diff: 1.11dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-LTE Band 2 20M QPSK 1RB99 18900CH

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

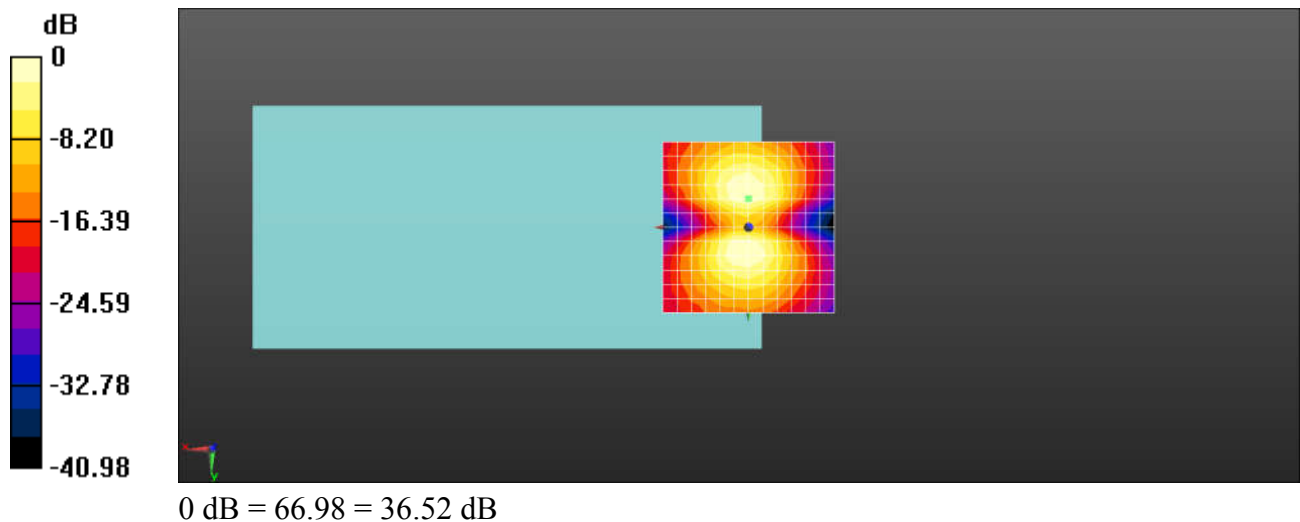
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.52 dB

ABM1 comp = -3.68 dBA/m

BWC Factor = 0.18 dB

Location: 0, -8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-2.4G-11B-CH06

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

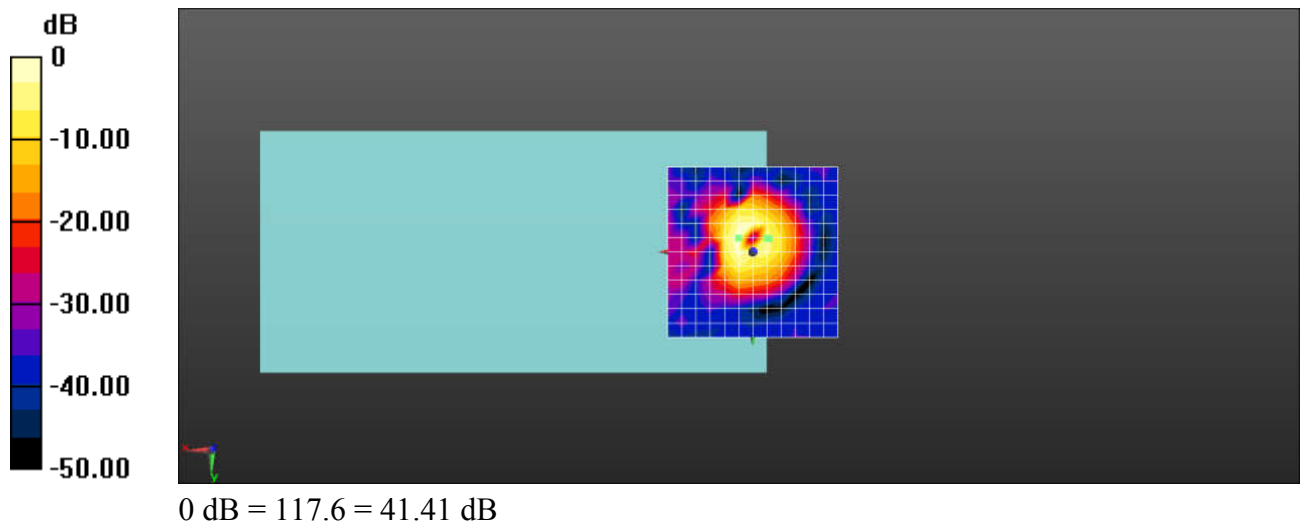
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 41.41 dB

ABM1 comp = 0.88 dBA/m

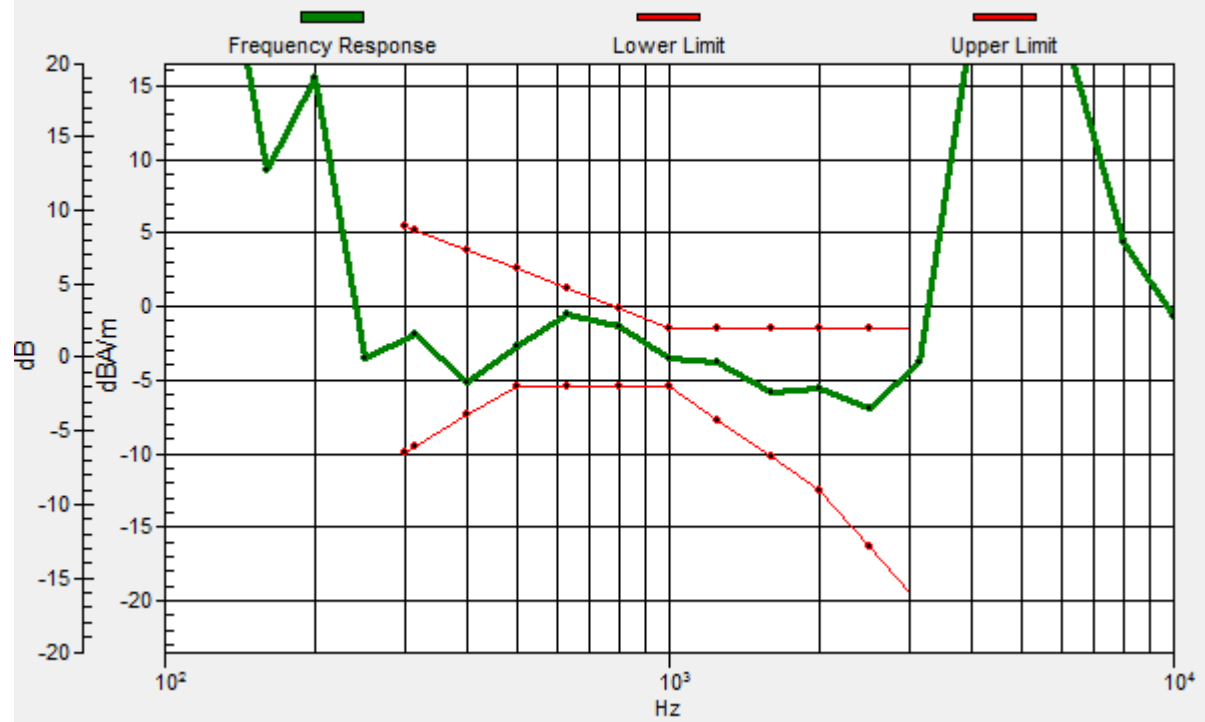
BWC Factor = 0.17 dB

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: -4.7, -3.7, 3.7 mm Diff: 1.16dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-2.4G-11B-CH06

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

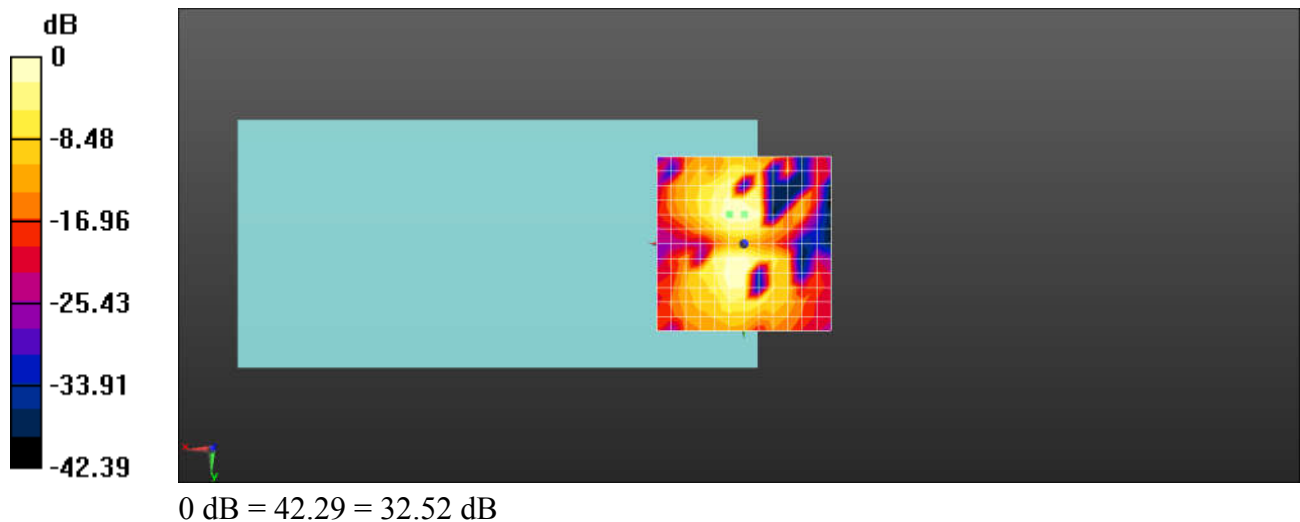
(13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.52 dB

ABM1 comp = -4.85 dBA/m

BWC Factor = 0.17 dB

Location: 0, -8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-5G-11A-CH60

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

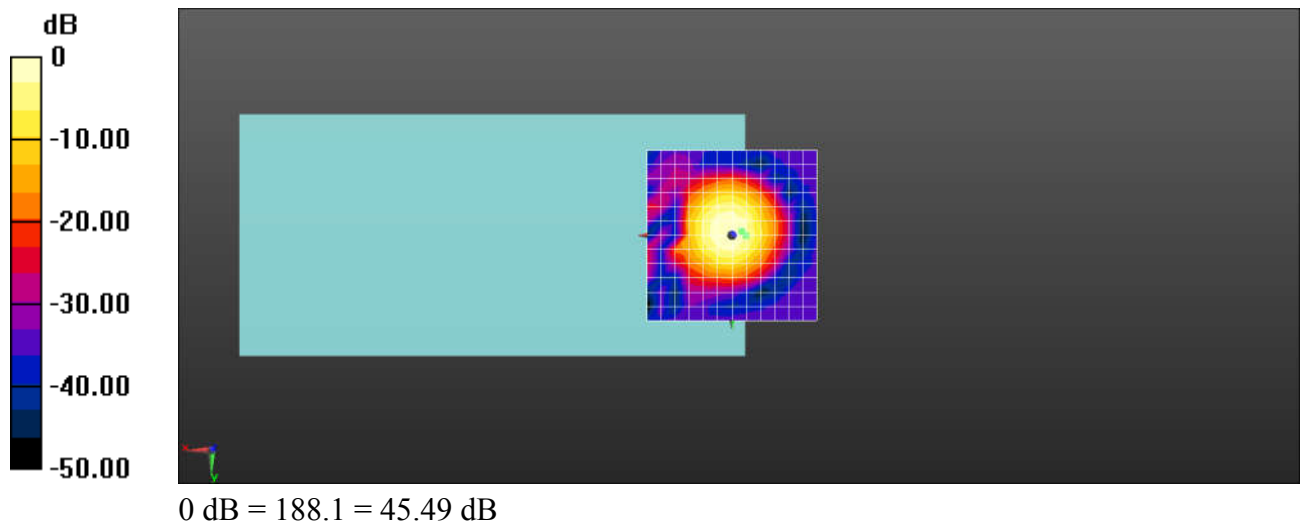
Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 45.49 dB

ABM1 comp = 0.66 dBA/m

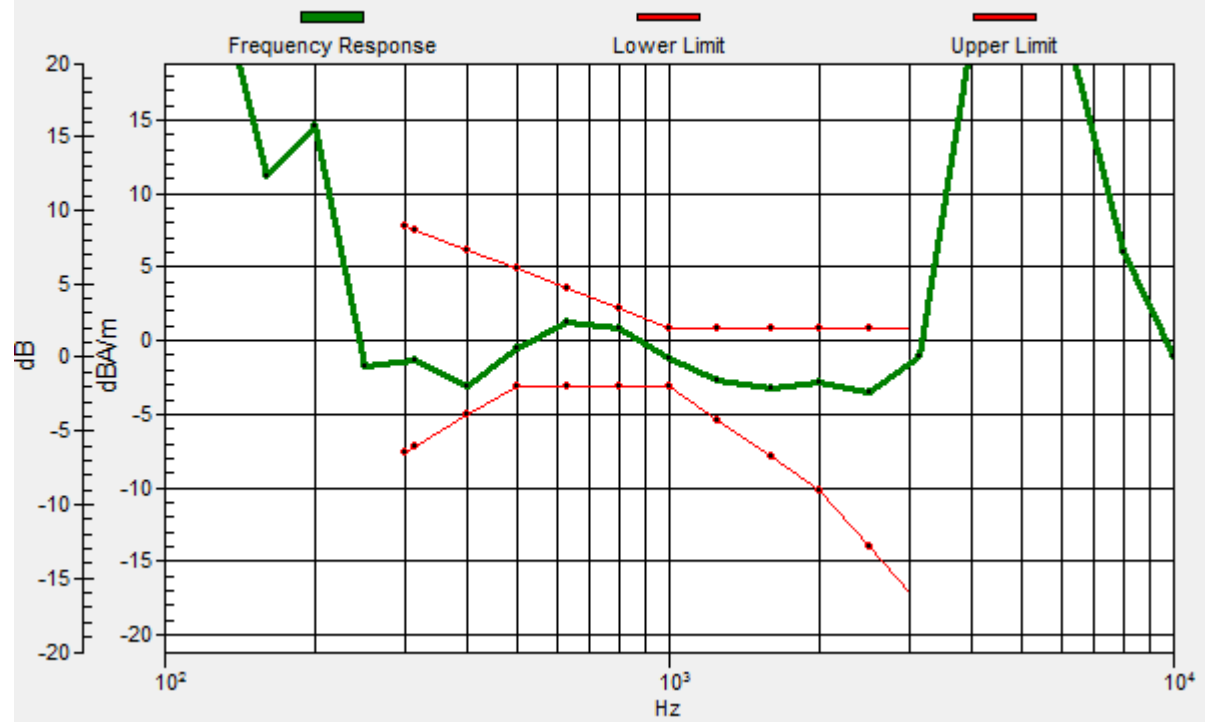
BWC Factor = 0.17 dB

Location: -4.2, 0, 3.7 mm



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

Loc: -2.8, -1, 3.7 mm Diff: 1.37dB



Test Laboratory: SGS-SAR Lab

SL101AE HAC-T-Coil-5G-11A-CH60

DUT: SL101AE; Type: Mobile Phone; Serial: 355171430009902

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 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: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1327; Calibrated: 2021-11-05
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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 = 35.48 dB

ABM1 comp = -3.93 dBA/m

BWC Factor = 0.17 dB

Location: 0, -8.3, 3.7 mm

