

Appendix A

Detailed Test Results

1. WCDMA
WCDMA Band II for T-coil
WCDMA Band IV for T-coil
WCDMA Band 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 25 for T-coil
LTE Band 26 for T-coil
LTE Band 66 for T-coil
LTE Band 71 for T-coil
LTE Band 41 for T-coil

Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

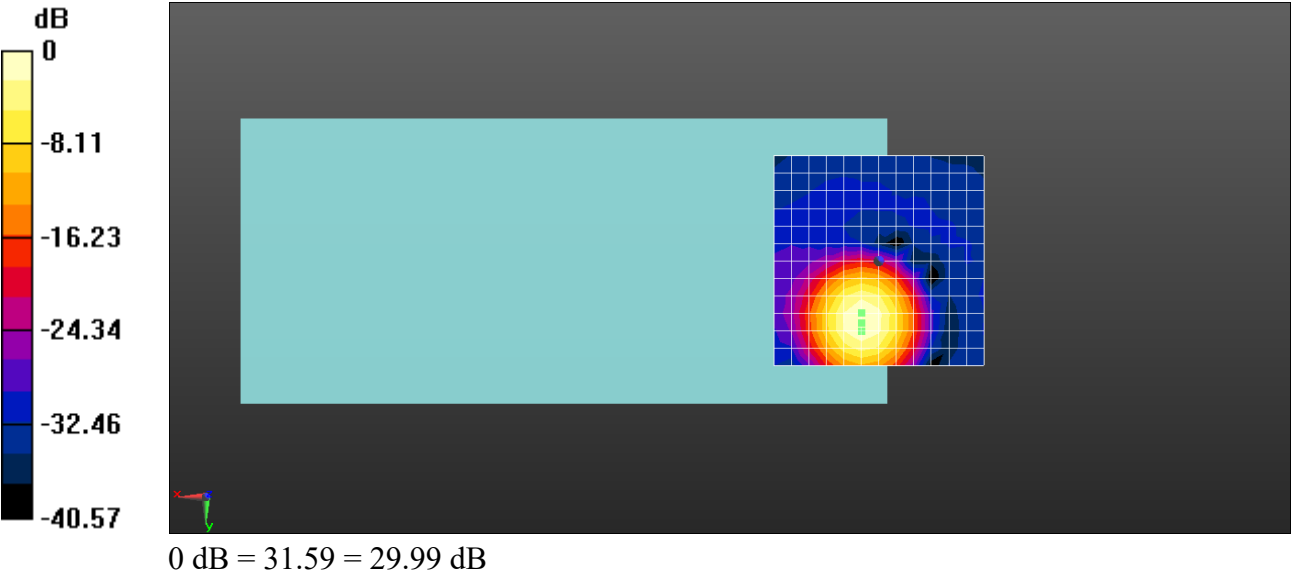
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

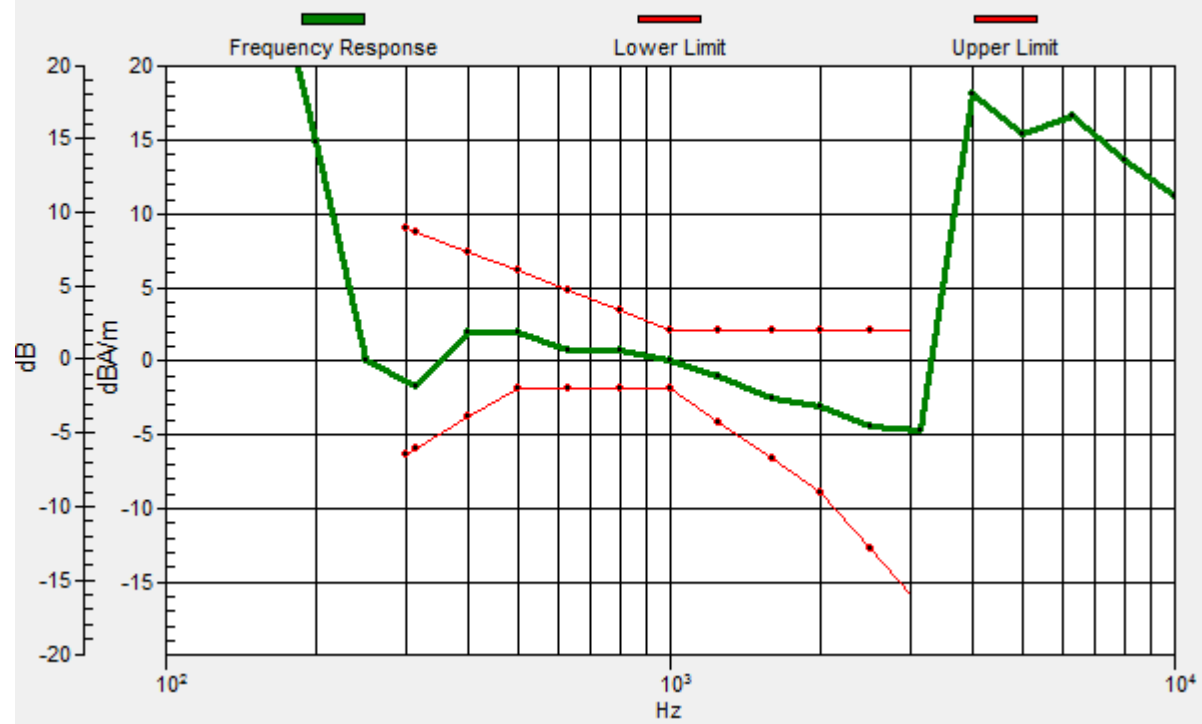
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 29.99 dB
ABM1 comp = 1.67 dBA/m
BWC Factor = 1.60 dB
Location: 4.2, 16.7, 3.7 mm



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

Loc: 4.2, 14.8, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

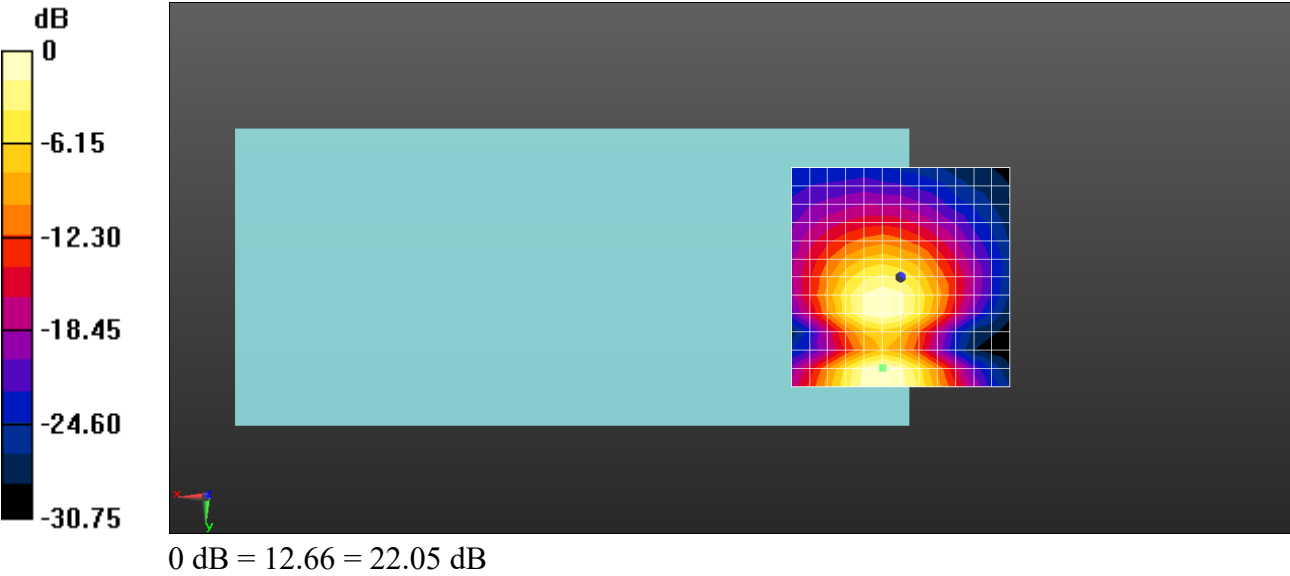
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 22.05 dB
ABM1 comp = -6.44 dBA/m
BWC Factor = 1.60 dB
Location: 4.2, 20.8, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

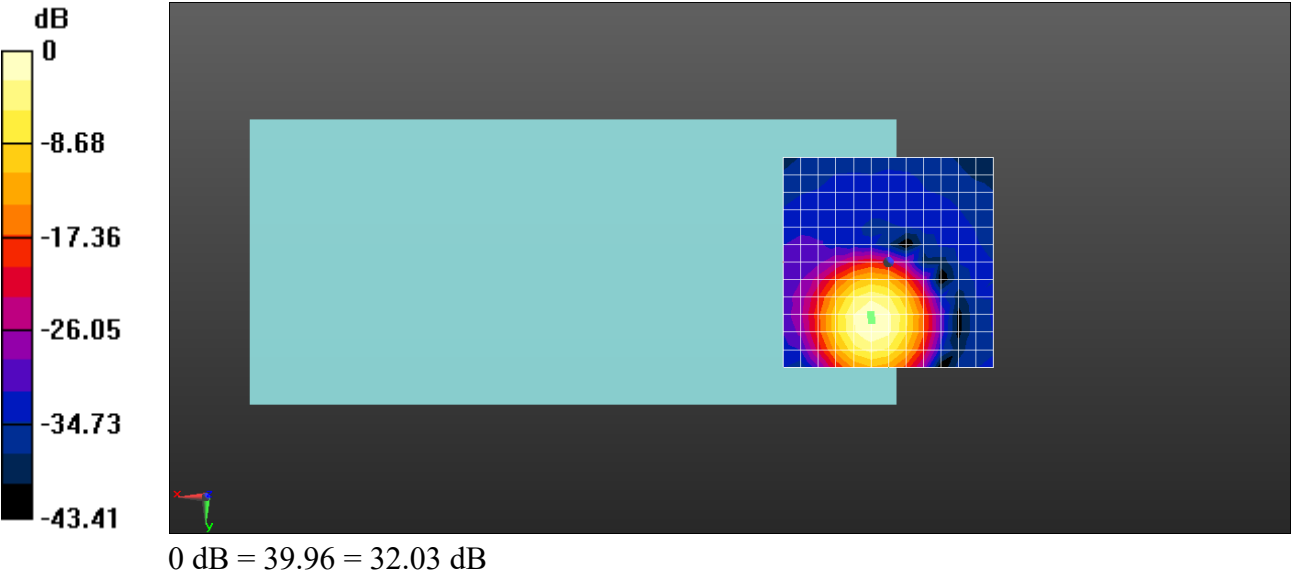
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

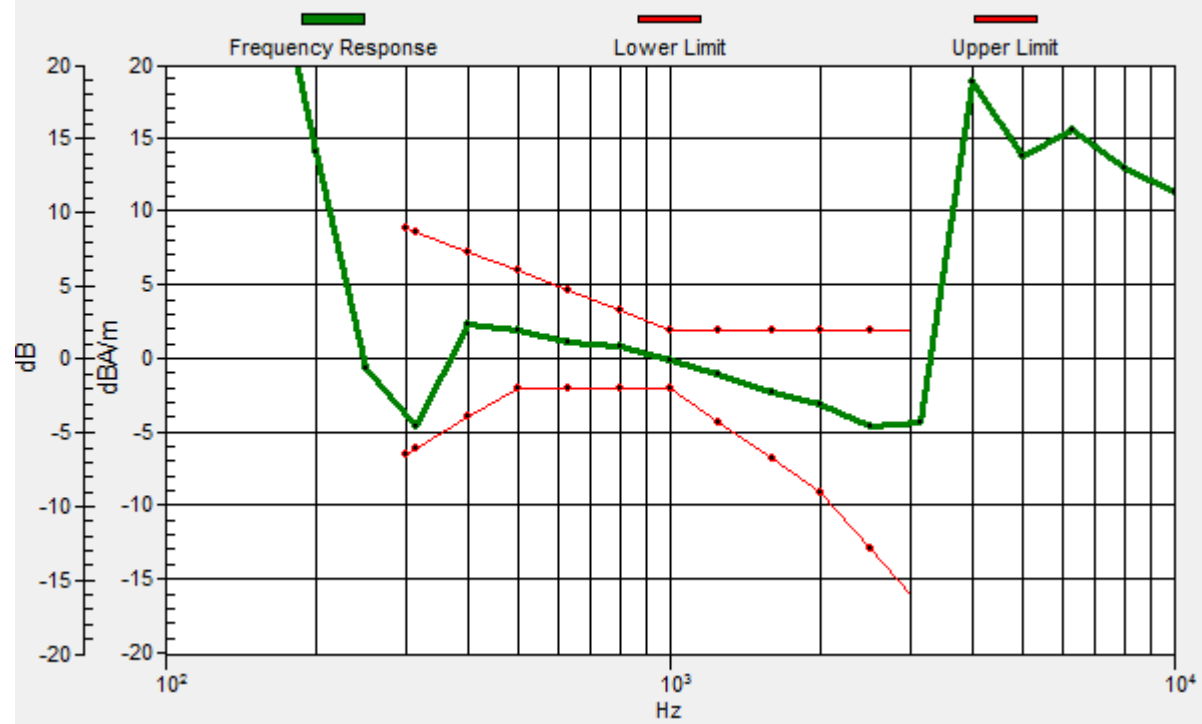
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 32.03 dB
ABM1 comp = 2.20 dBA/m
BWC Factor = 1.62 dB
Location: 4.2, 12.5, 3.7 mm



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

Loc: 4.1, 13.8, 3.7 mm Diff: 1.37dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

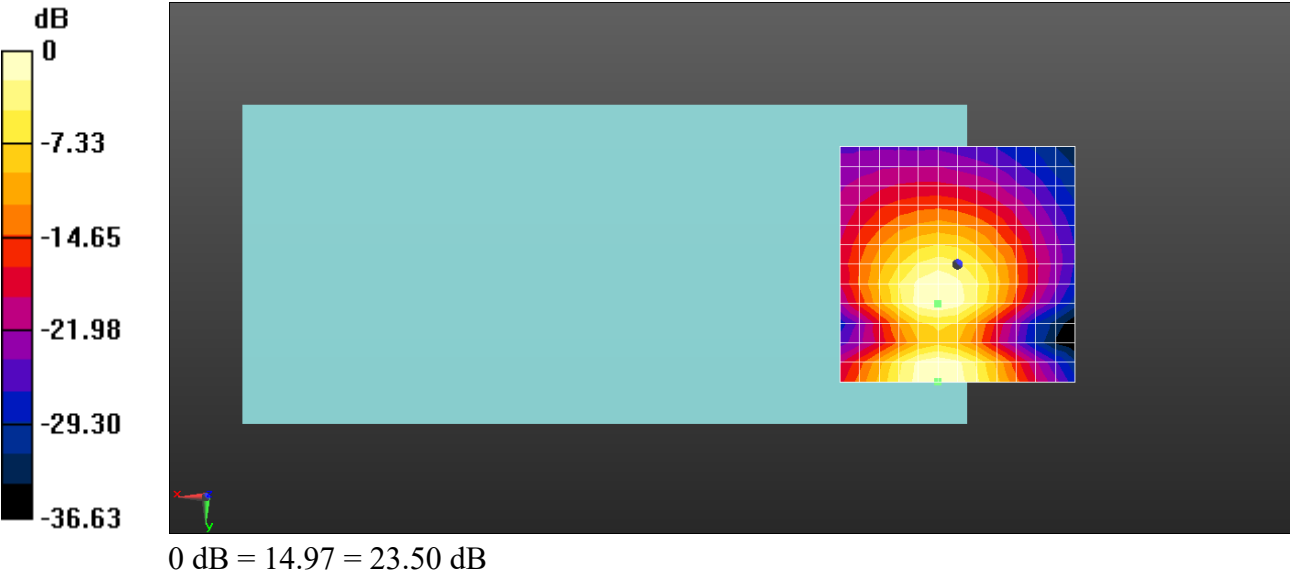
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 23.50 dB
ABM1 comp = -6.42 dBA/m
BWC Factor = 1.62 dB
Location: 4.2, 25, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

Medium: Air;Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

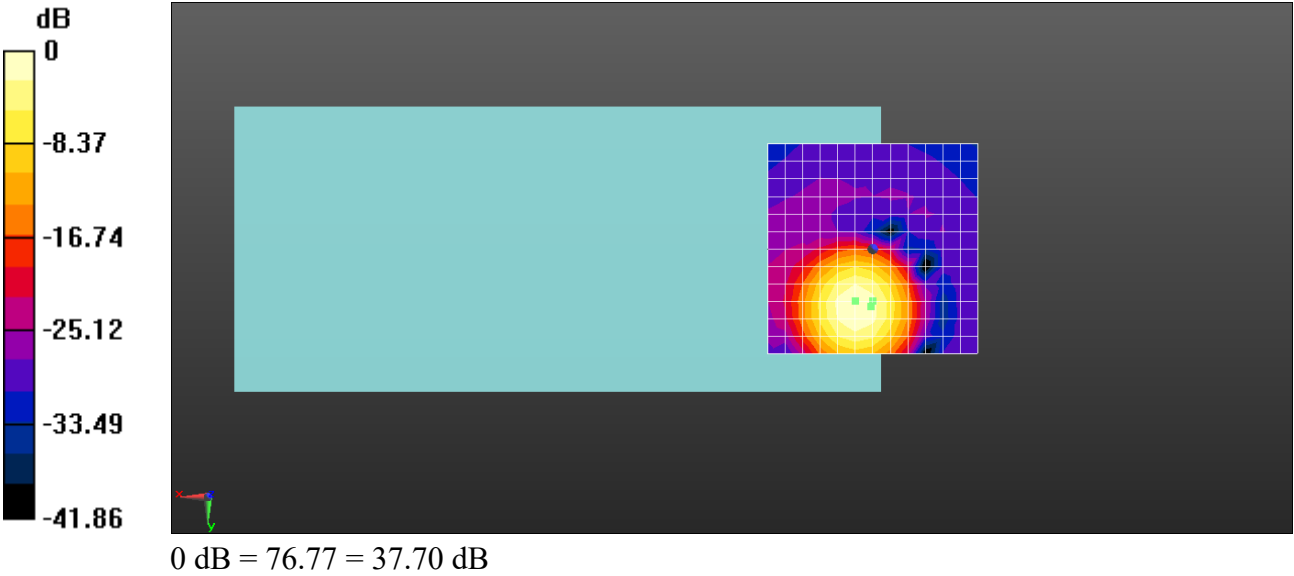
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

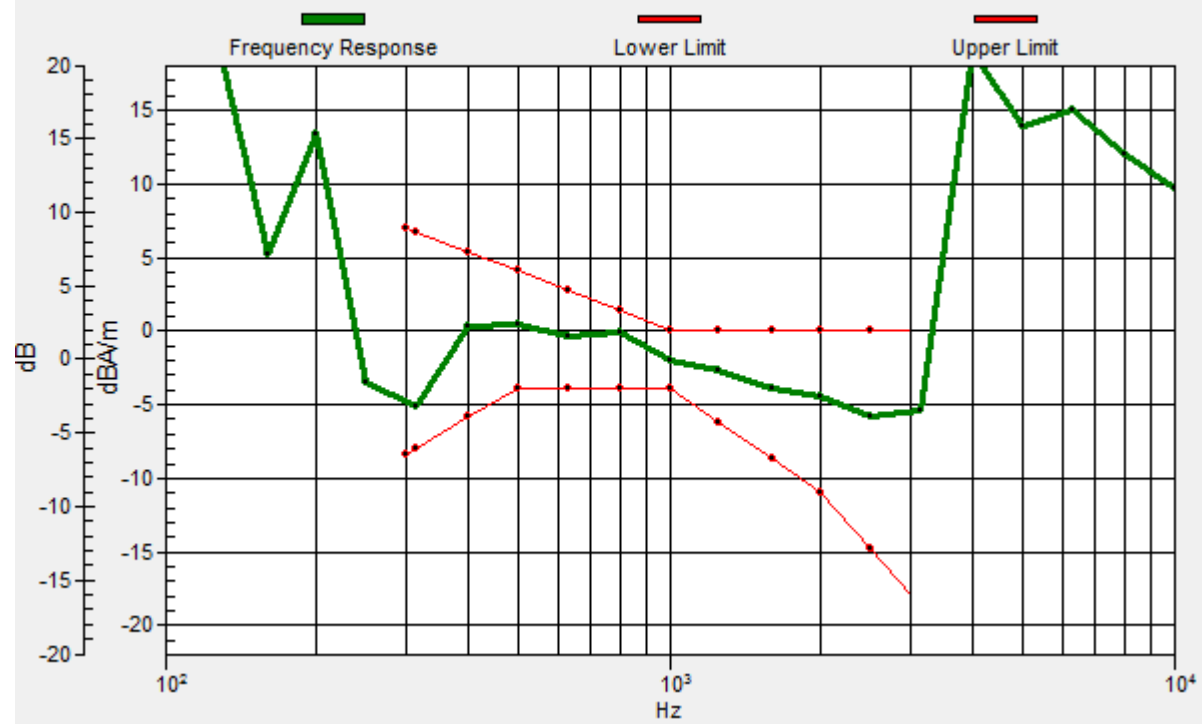
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 37.70 dB
ABM1 comp = 0.03 dBA/m
BWC Factor = 0.21 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: 0.5, 13.7, 3.7 mm Diff: 1.5dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

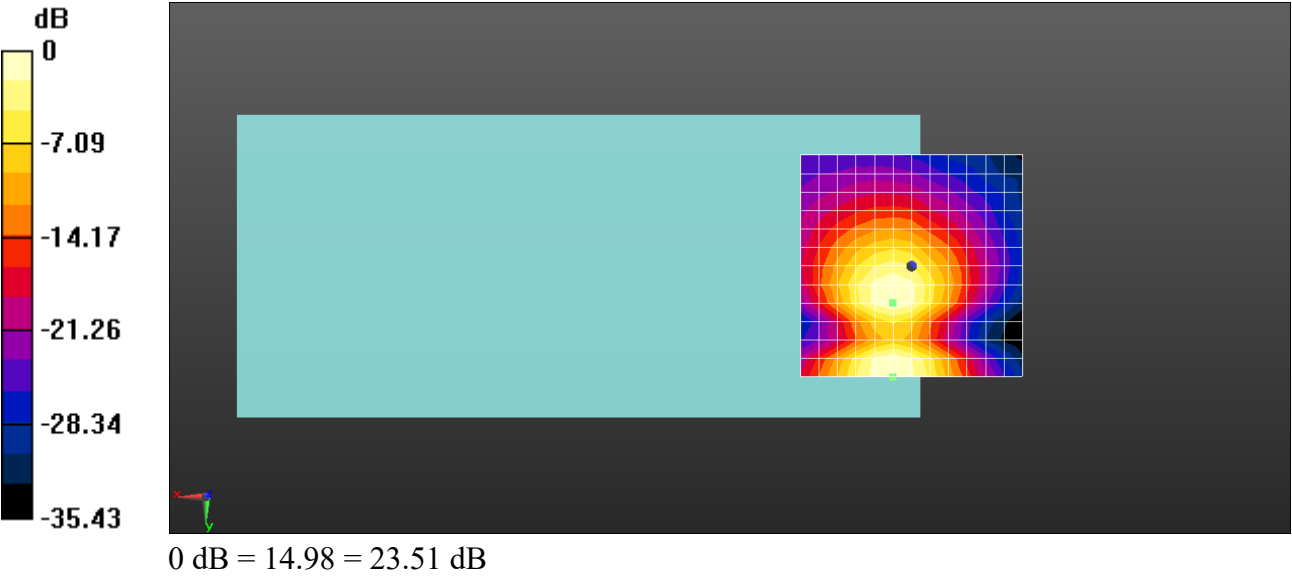
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 23.51 dB
ABM1 comp = -6.63 dBA/m
BWC Factor = 0.21 dB
Location: 4.2, 25, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 2 10M QPSK 1RB0 18900CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 1880 MHz;Duty Cycle: 1:1

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

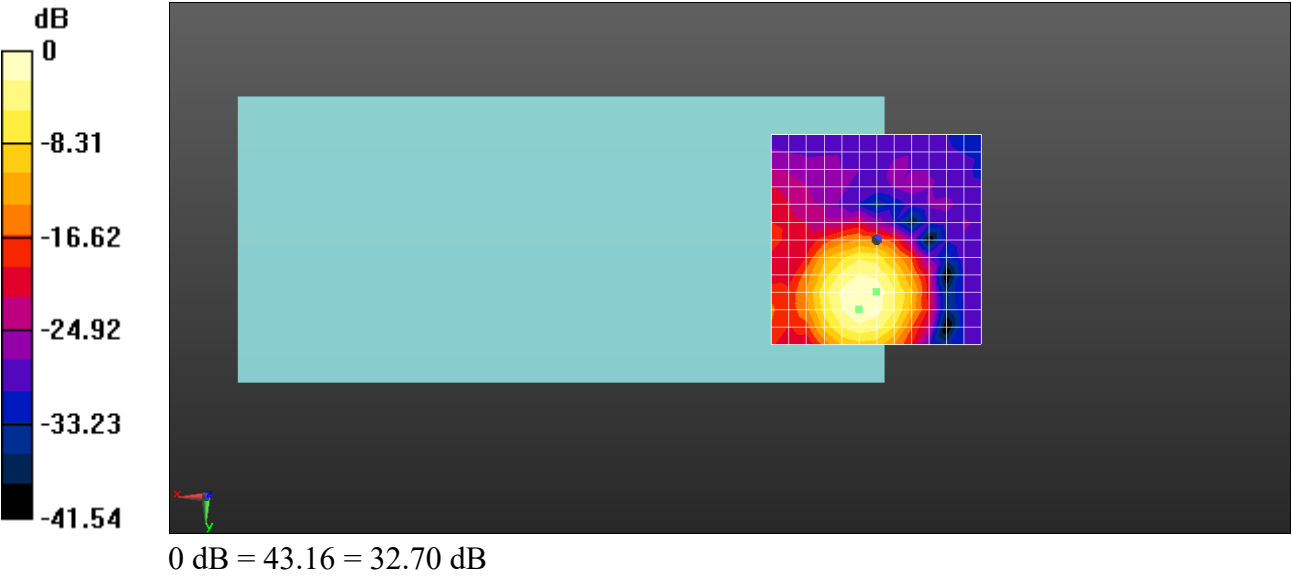
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

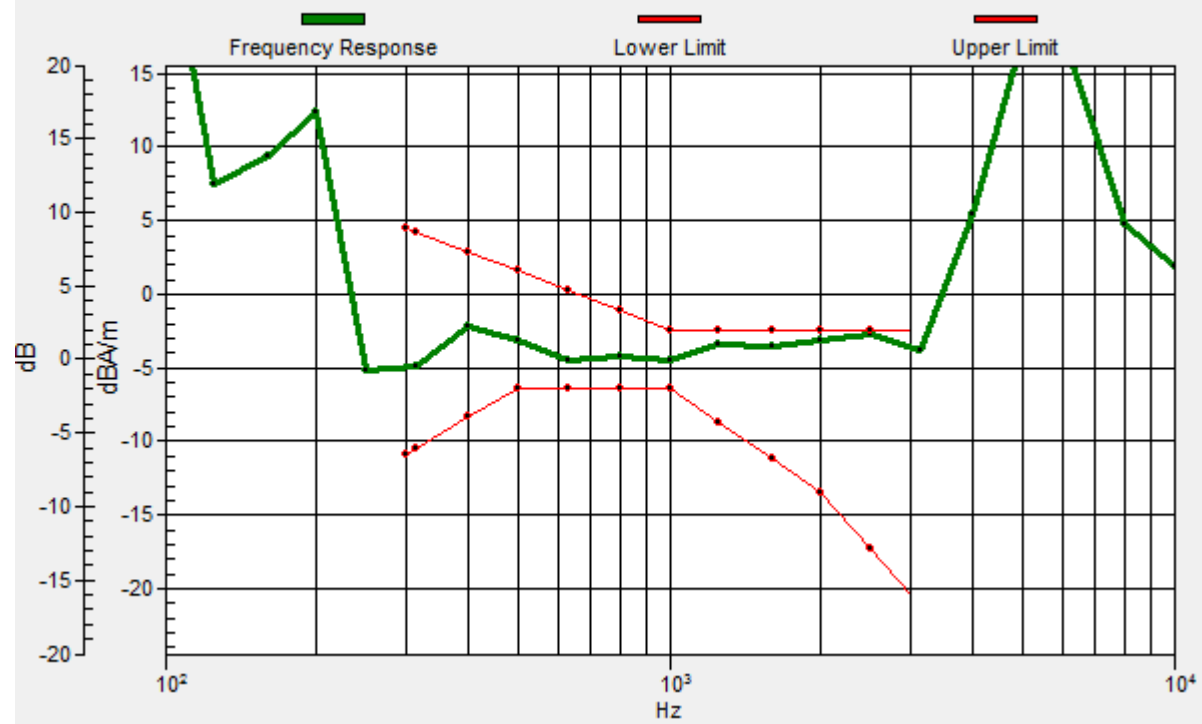
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 32.70 dB
ABM1 comp = -3.79 dBA/m
BWC Factor = 0.24 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, 12.4, 3.7 mm Diff: 0.31dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 2 10M QPSK 1RB0 18900CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 1880 MHz;Duty Cycle: 1:1

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

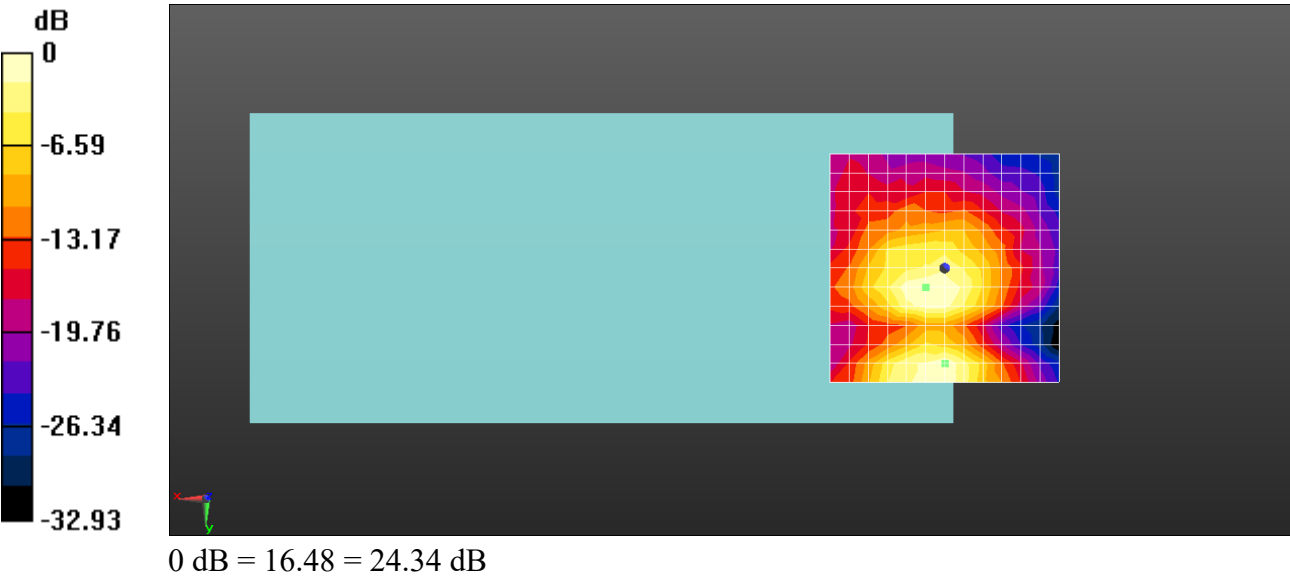
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 24.34 dB
ABM1 comp = -12.06 dBA/m
BWC Factor = 0.24 dB
Location: 0, 20.8, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 4 10M QPSK 1RB0 20175CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (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

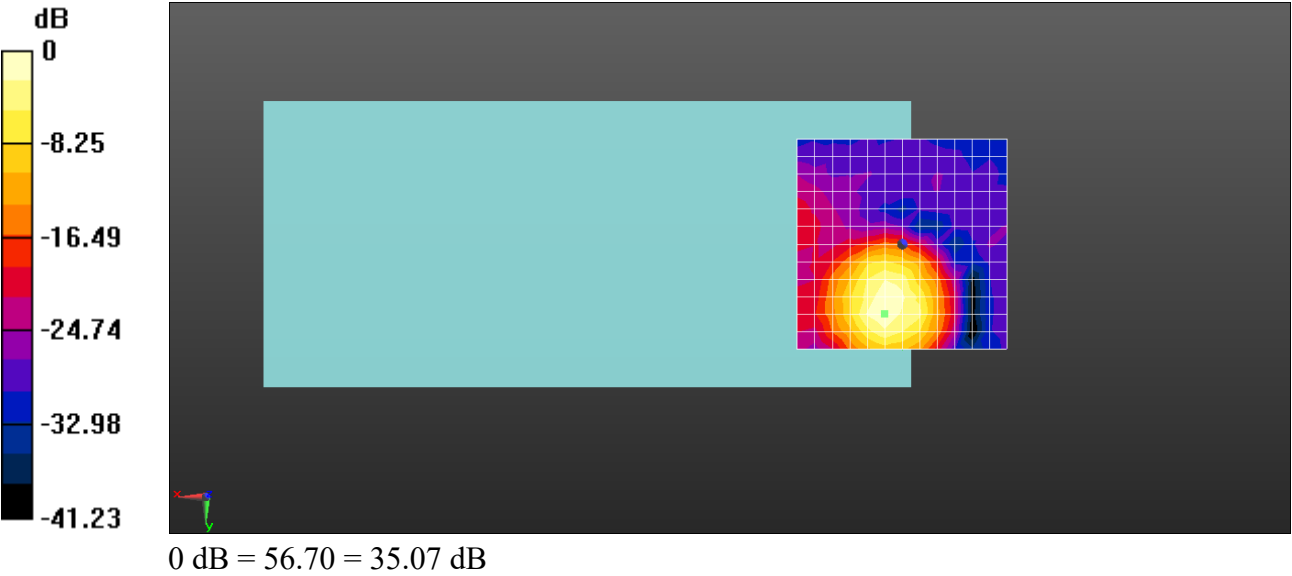
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

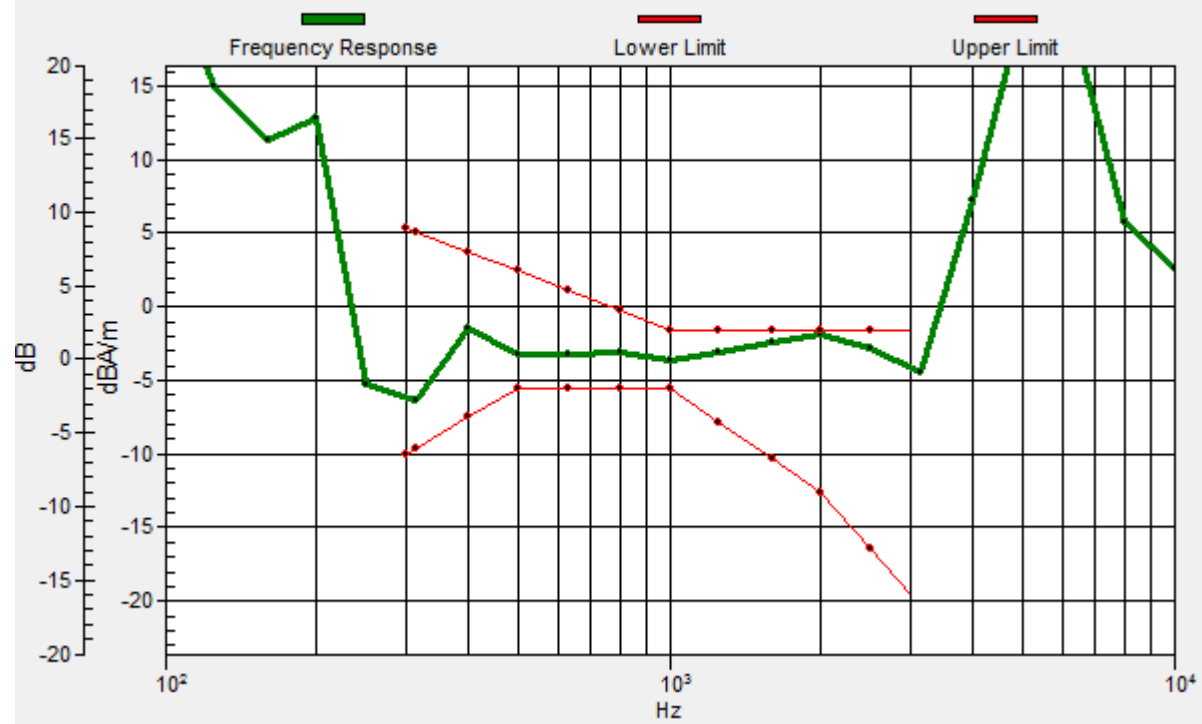
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 35.07 dB
ABM1 comp = -2.78 dBA/m
BWC Factor = 0.15 dB
Location: 4.2, 16.7, 3.7 mm



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

Loc: 4.3, 16.6, 3.7 mm Diff: 0.27dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 4 10M QPSK 1RB0 20175CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (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

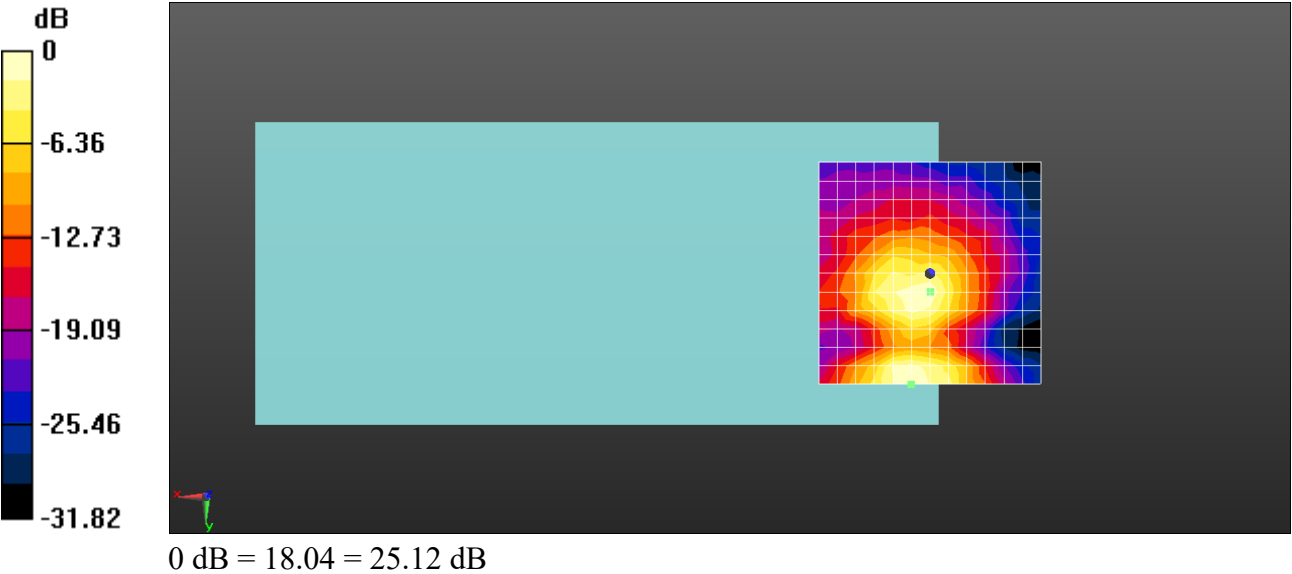
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 25.12 dB
ABM1 comp = -11.92 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 5 10M QPSK 1RB0 20525CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

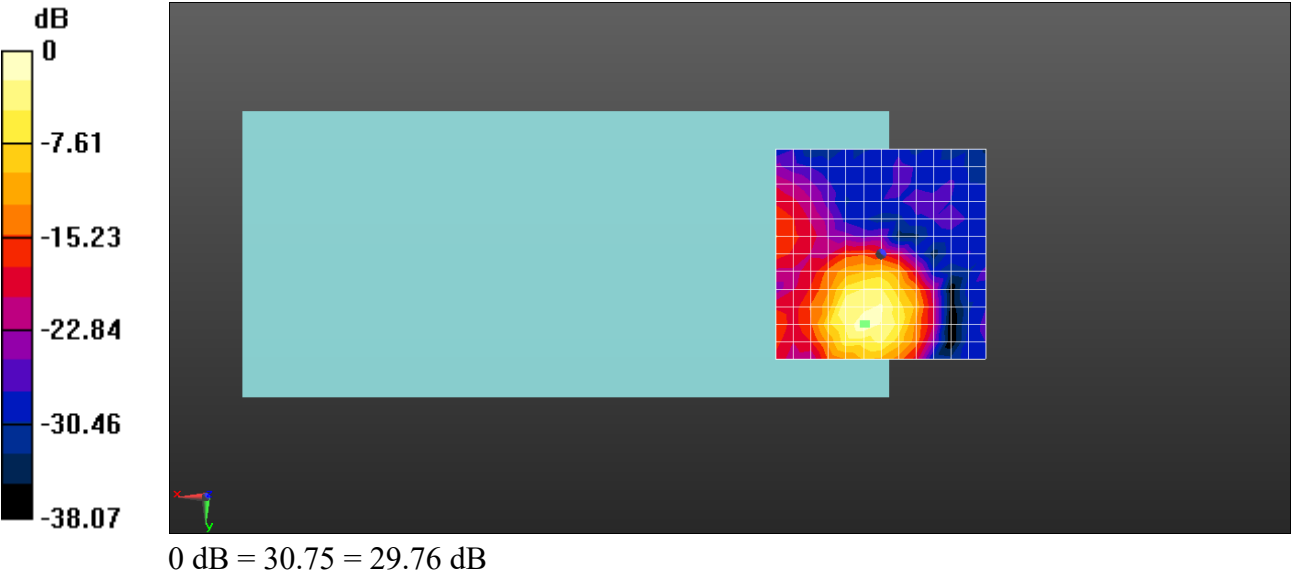
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

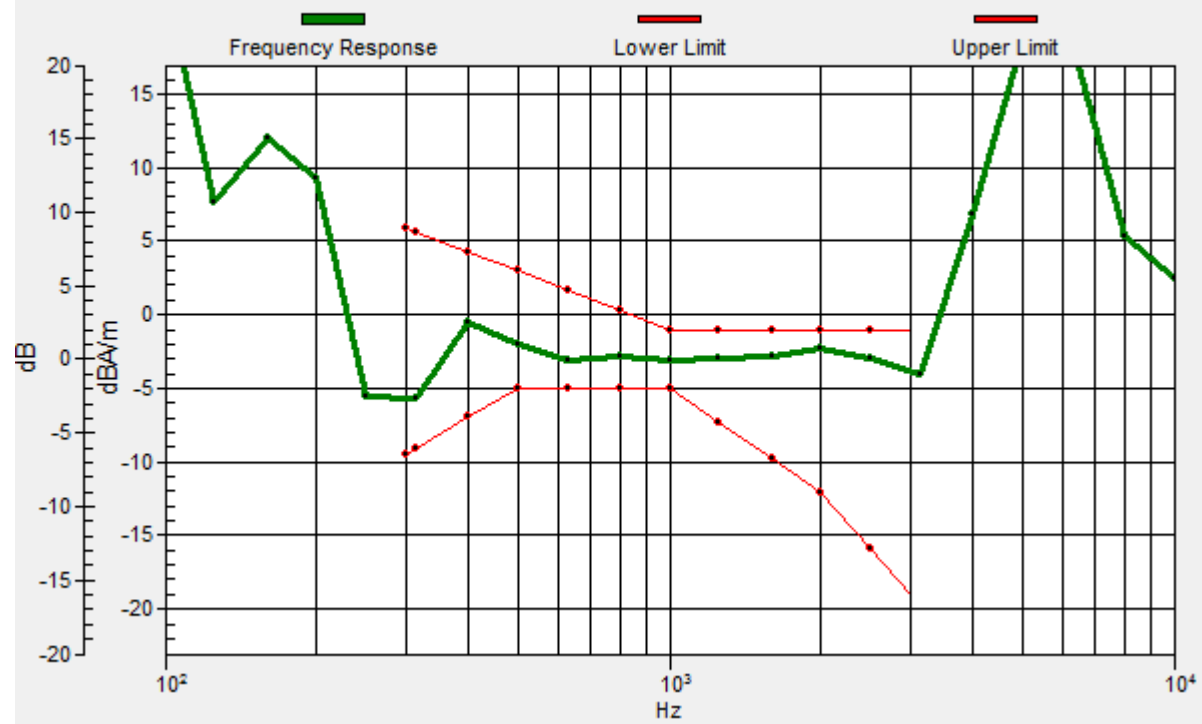
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 29.76 dB
ABM1 comp = -7.18 dBA/m
BWC Factor = 0.15 dB
Location: 4.2, 16.7, 3.7 mm



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

Loc: 3.6, 16.6, 3.7 mm Diff: 1.19dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 5 10M QPSK 1RB0 20525CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

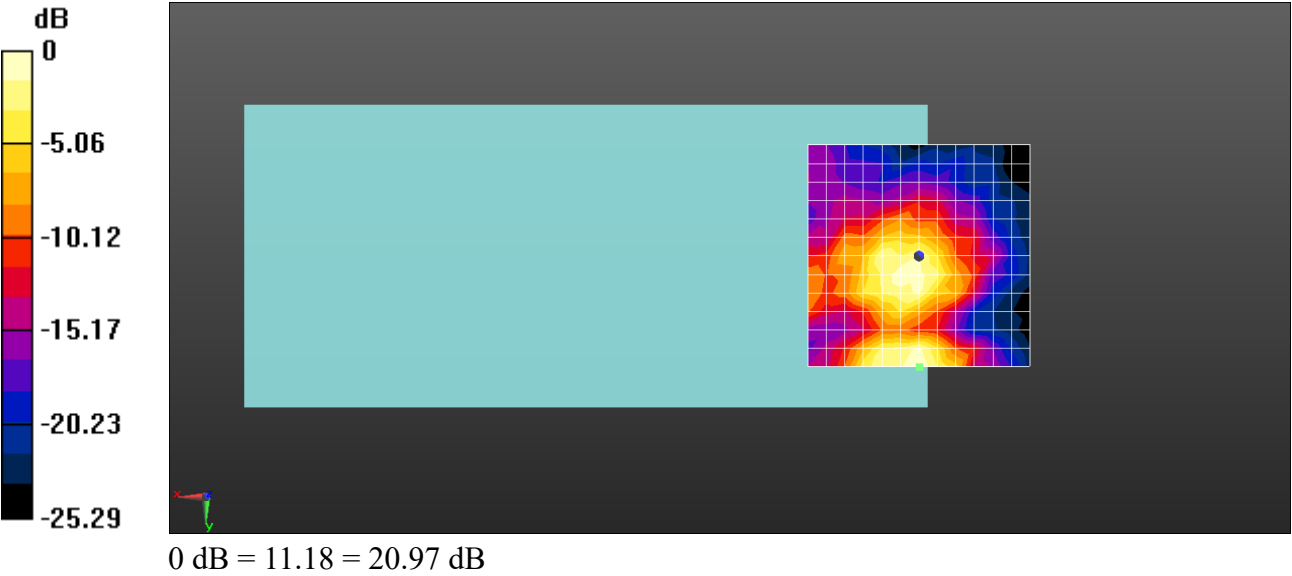
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 20.97 dB
ABM1 comp = -17.48 dBA/m
BWC Factor = 0.15 dB
Location: 0, 25, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 12 10M QPSK 1RB0 23095CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

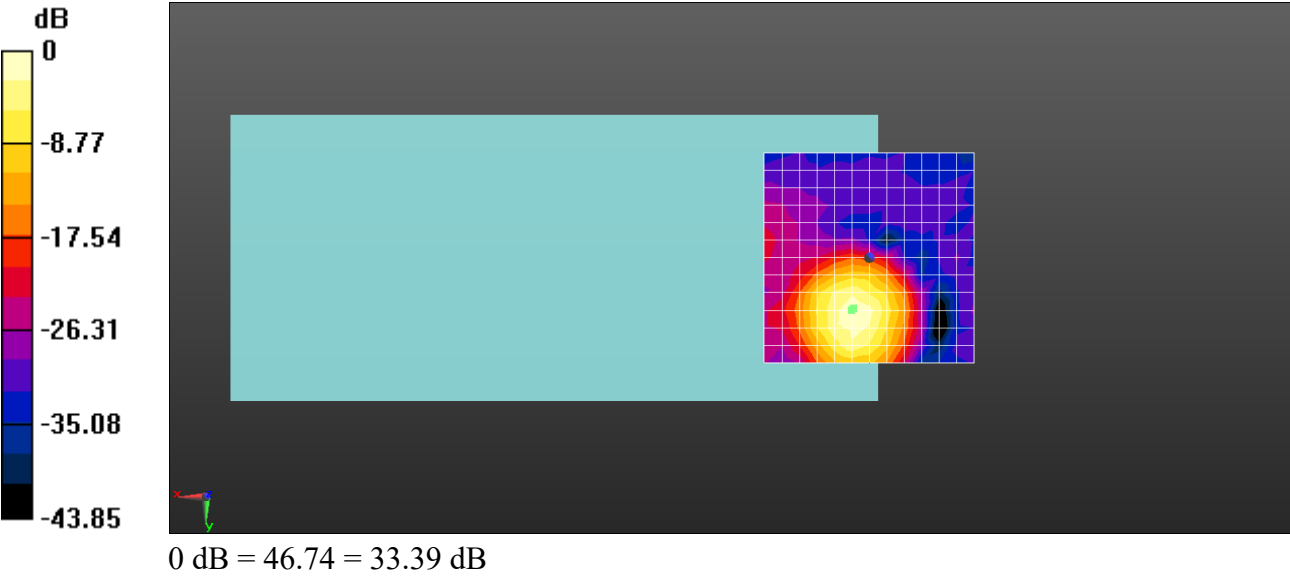
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

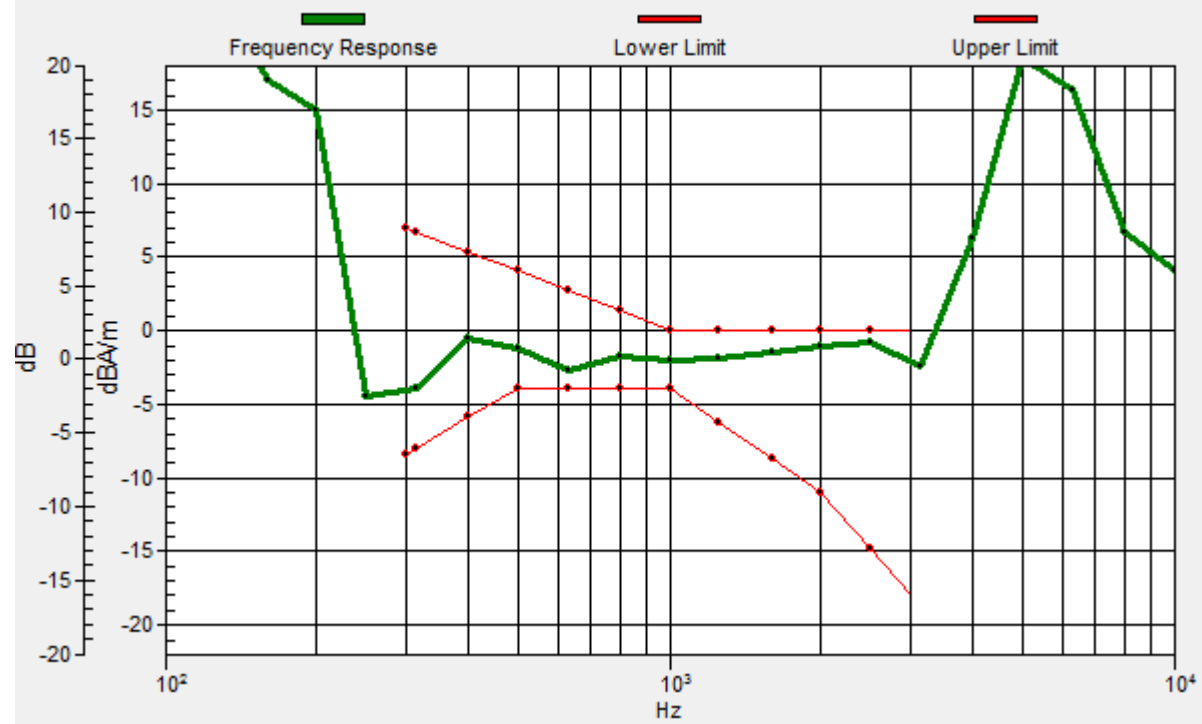
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 33.39 dB
ABM1 comp = -2.16 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, 12.5, 3.7 mm



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

Loc: 3.9, 12, 3.7 mm Diff: 0.85dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 12 10M QPSK 1RB0 23095CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

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

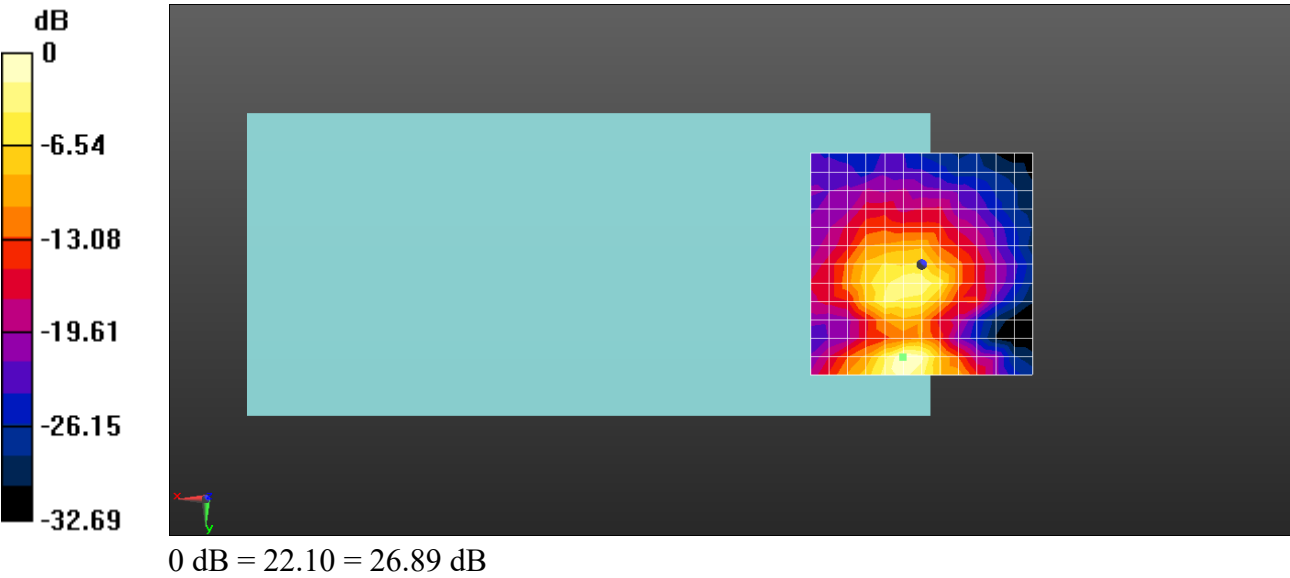
Medium: Air;Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 26.89 dB
ABM1 comp = -8.55 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, 20.8, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 25 10M QPSK 1RB0 26365CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

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

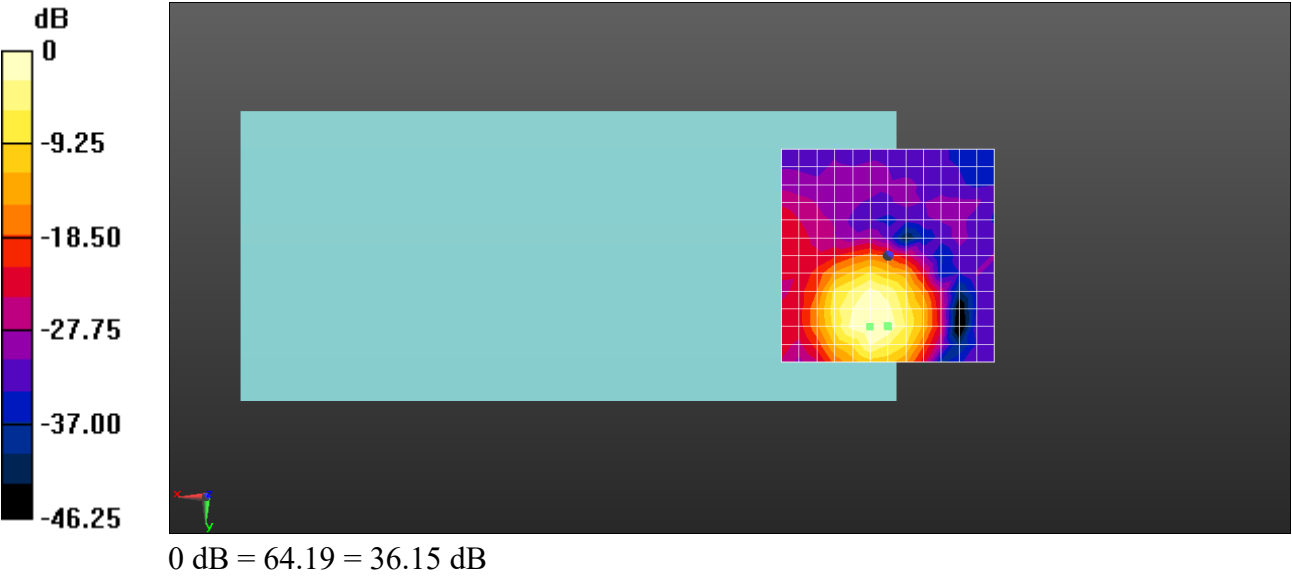
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

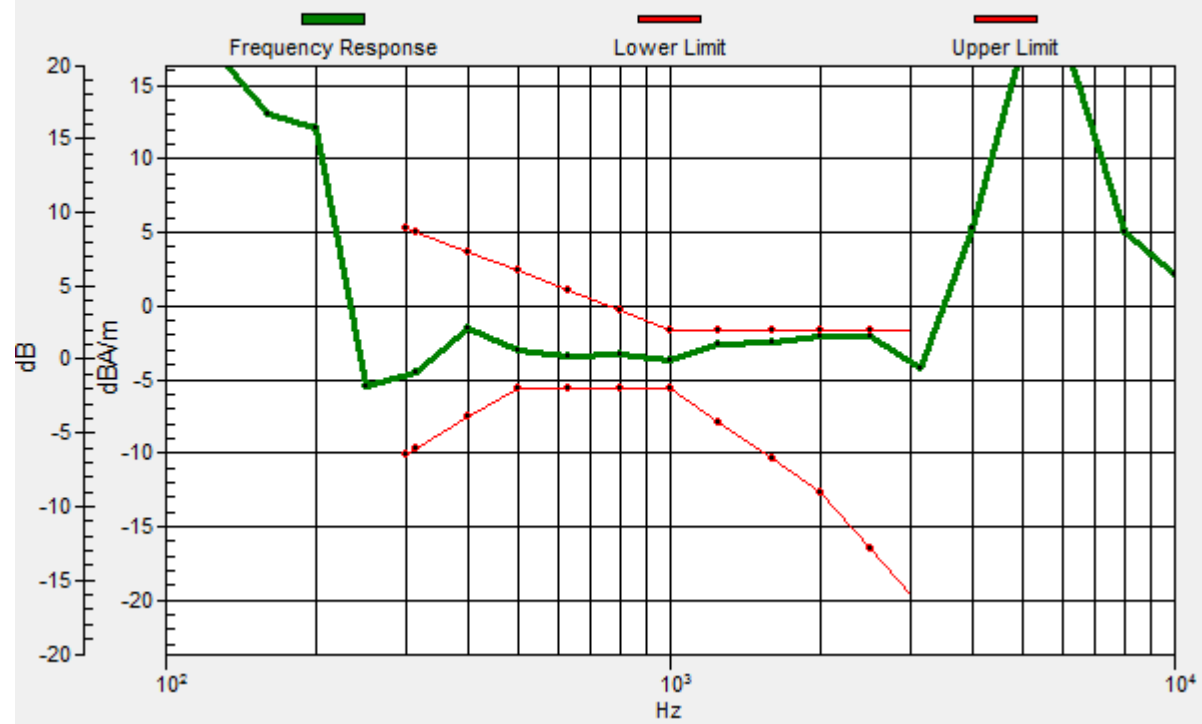
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 36.15 dB
ABM1 comp = -4.22 dBA/m
BWC Factor = 0.16 dB
Location: 0, 16.7, 3.7 mm



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

Loc: 0.2, 16.5, 3.7 mm Diff: 0.37dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 25 10M QPSK 1RB0 26365CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

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

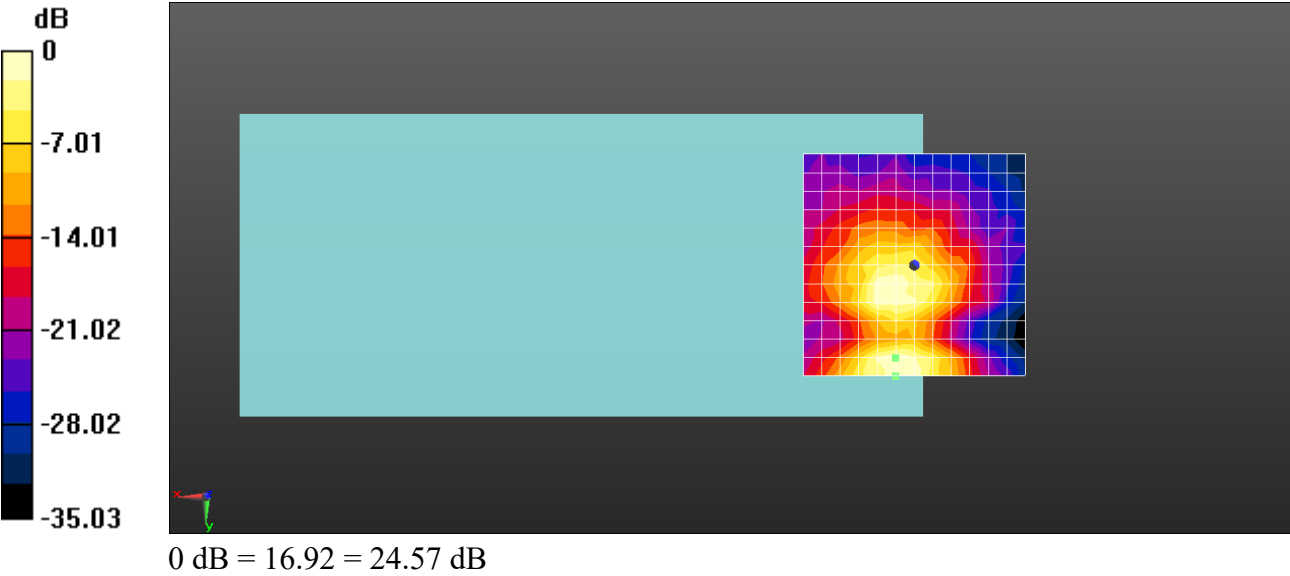
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Ellectronics: DAE4 Sn1374; 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 = -10.99 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, 25, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 26 10M QPSK 1RB0 26865CH-EVS WB 5.9kbps

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

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

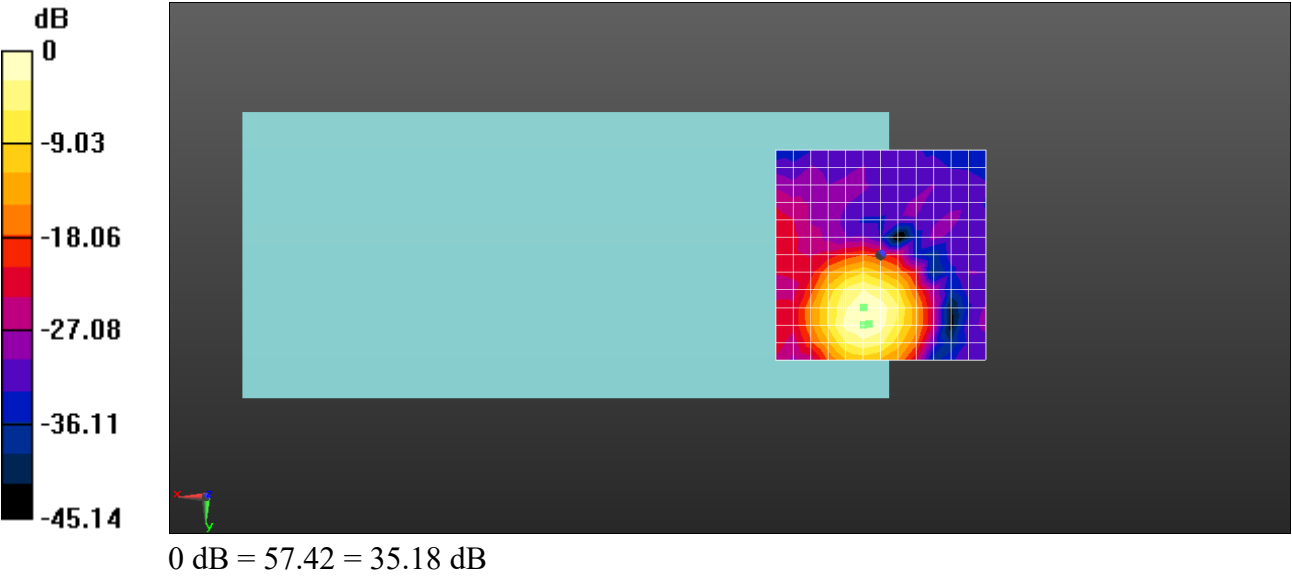
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Ellectronics: DAE4 Sn1374; 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)

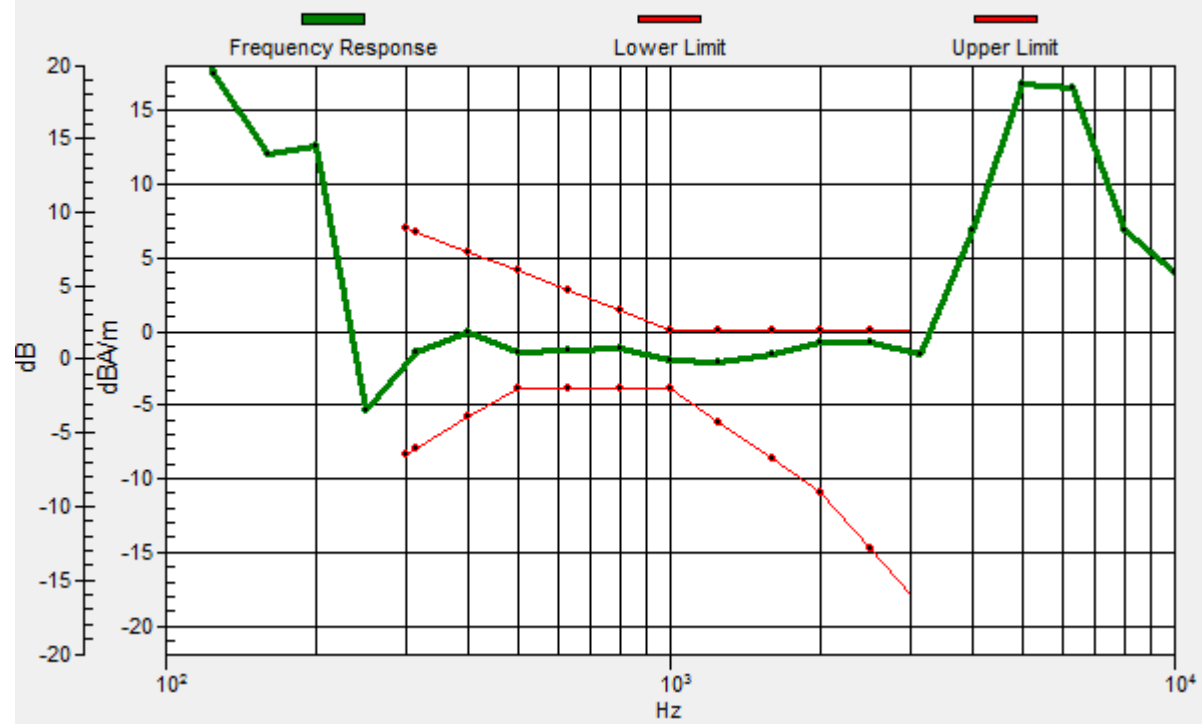
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 35.18 dB
ABM1 comp = -3.09 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, 16.7, 3.7 mm



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

Loc: 2.9, 16.4, 3.7 mm Diff: 0.85dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 26 10M QPSK 1RB0 26865CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

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

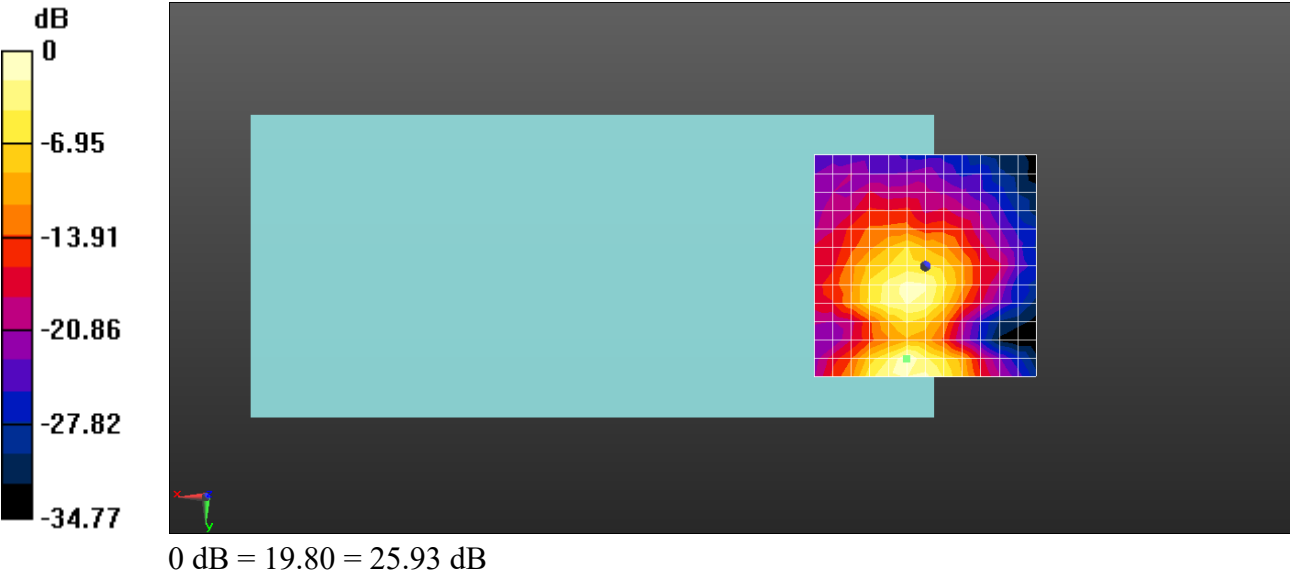
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 25.93 dB
ABM1 comp = -9.99 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, 20.8, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 66 10M QPSK 1RB0 132322CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 1745 MHz;Duty Cycle: 1:1

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

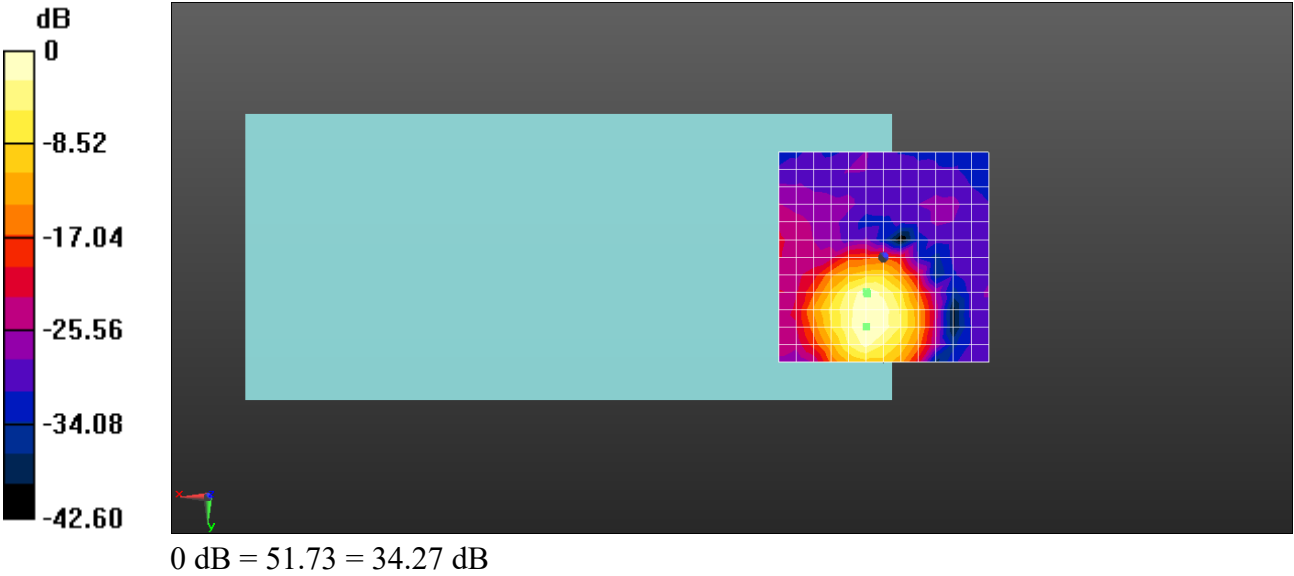
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

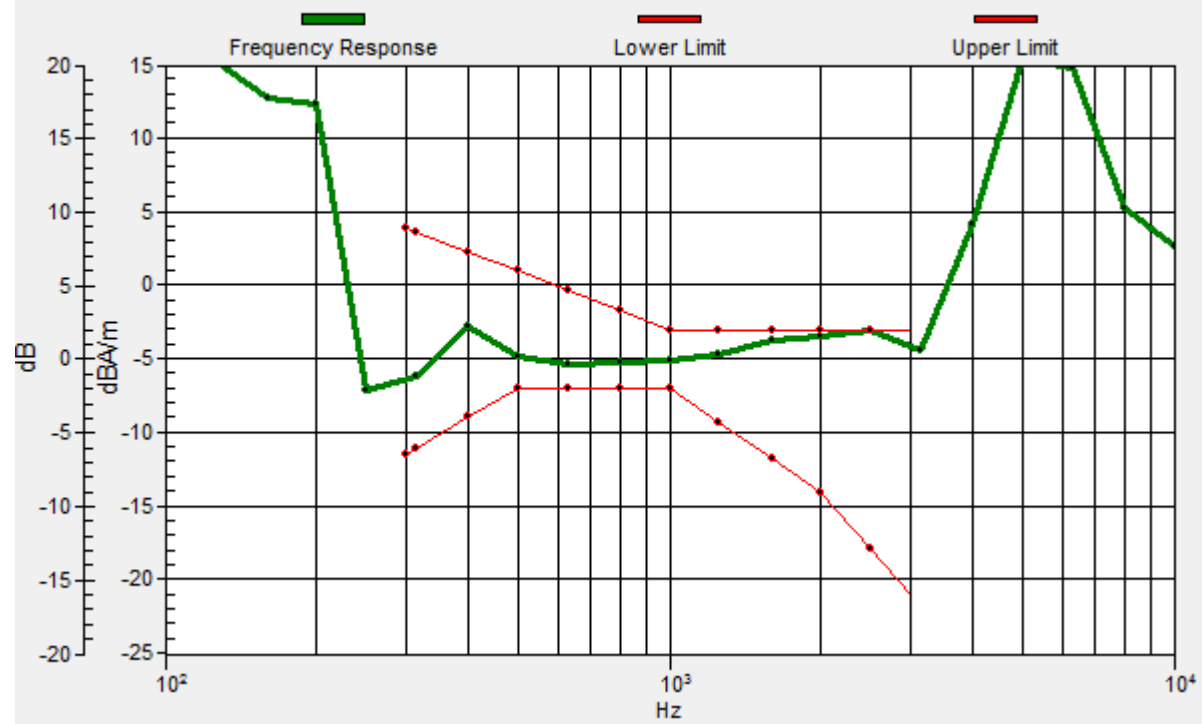
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 34.27 dB
ABM1 comp = -3.77 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, 8.3, 3.7 mm



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

Loc: 4, 8.7, 3.7 mm Diff: 0.06dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 66 10M QPSK 1RB0 132322CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 1745 MHz;Duty Cycle: 1:1

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

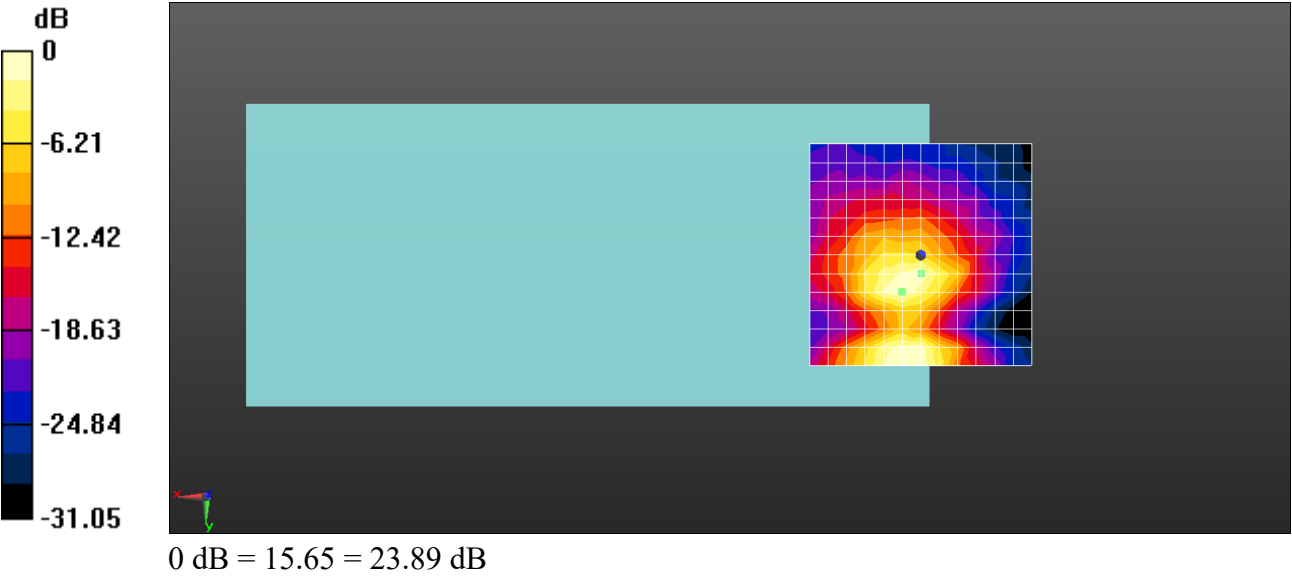
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 23.89 dB
ABM1 comp = -9.76 dBA/m
BWC Factor = 0.16 dB
Location: 0, 4.2, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 71 10M QPSK 1RB0 133297CH-EVS WB 5.9kbps

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 680.5 MHz;Duty Cycle: 1:1

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

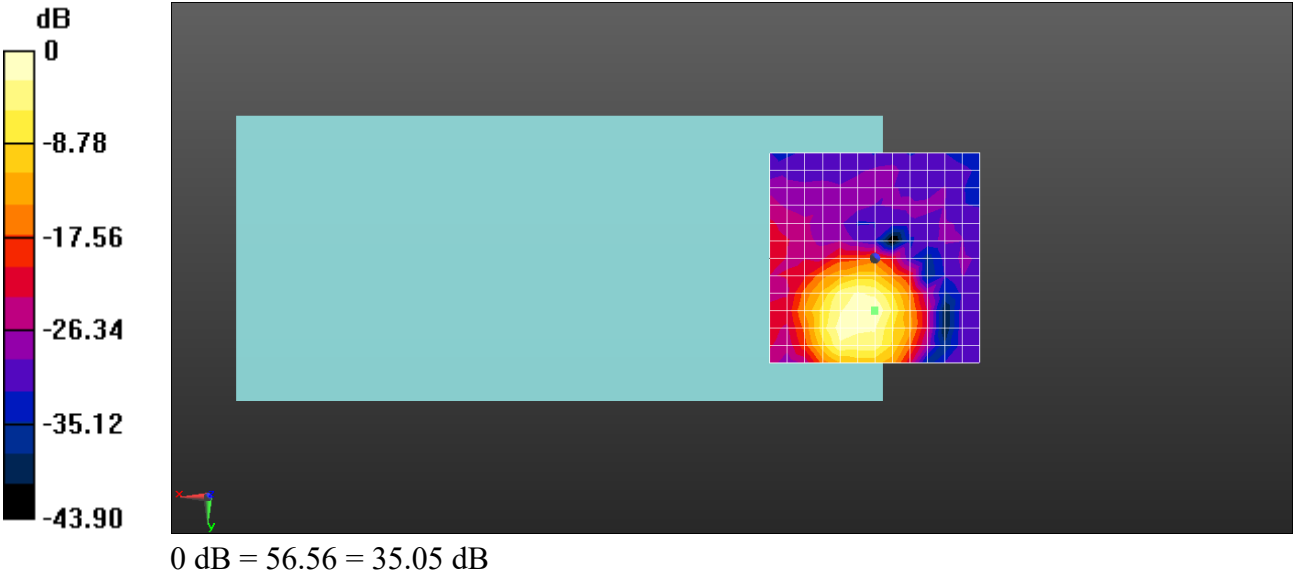
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

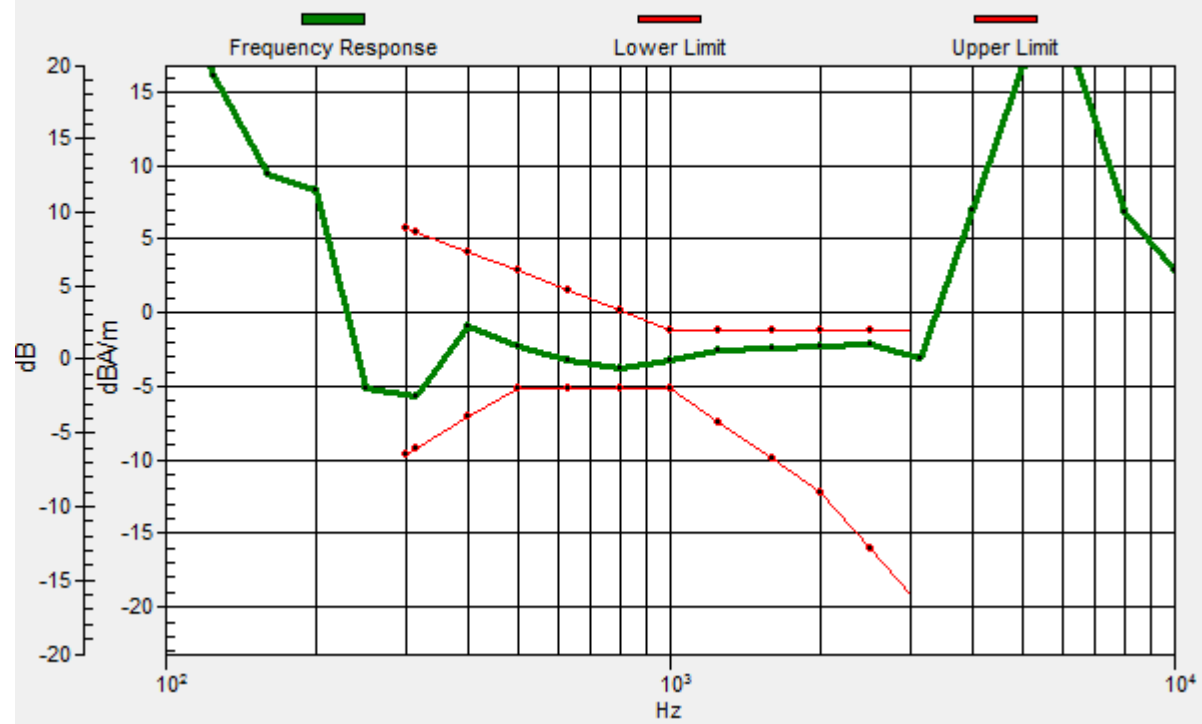
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 35.05 dB
ABM1 comp = -3.07 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, 12.6, 3.7 mm Diff: 1.03dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 71 10M QPSK 1RB0 133297CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 680.5 MHz;Duty Cycle: 1:1

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

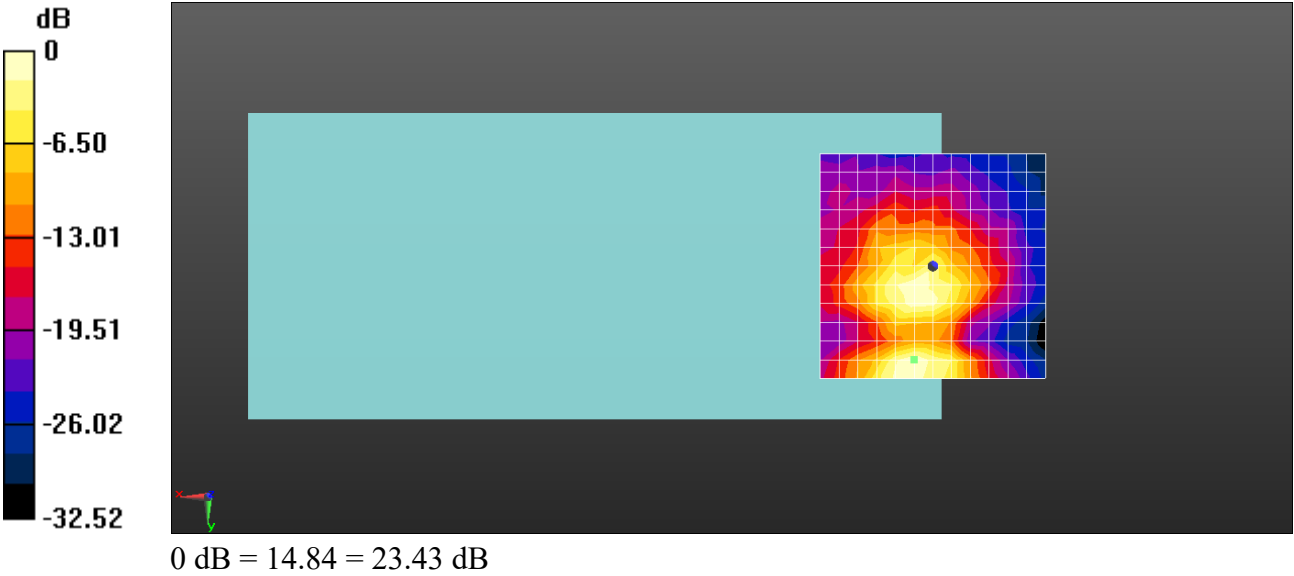
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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 = 23.43 dB
ABM1 comp = -9.65 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, 20.8, 3.7 mm



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 41 20M QPSK 100RB0 40620CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz;Duty Cycle: 1:1.57906

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

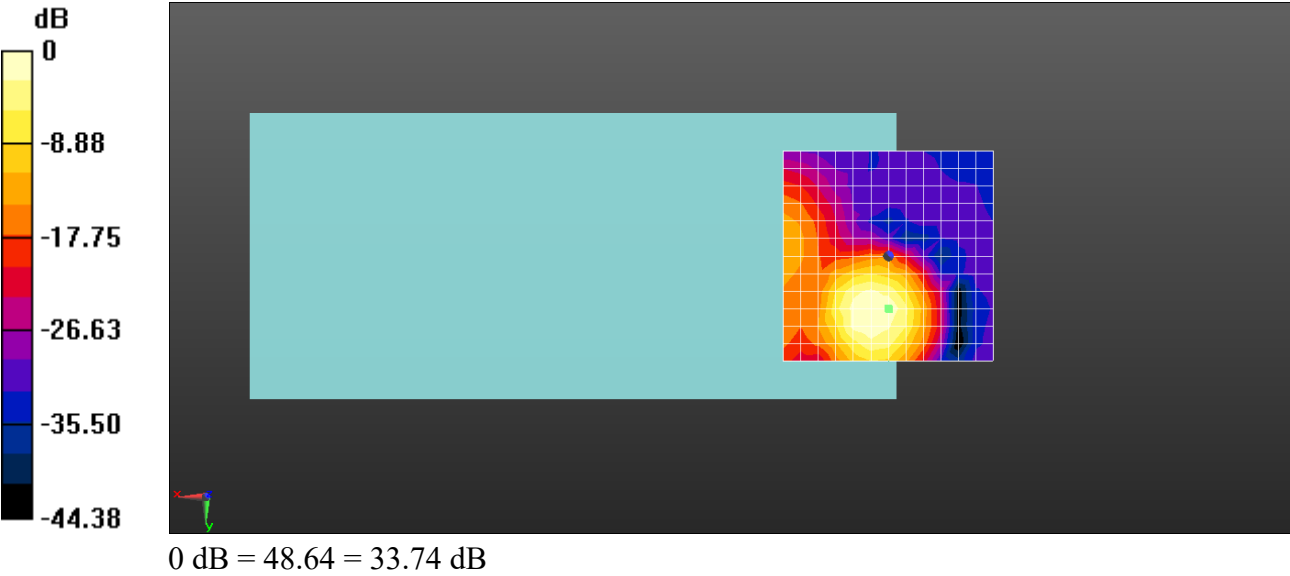
Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; Calibrated: 2021-06-01
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1374; 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)

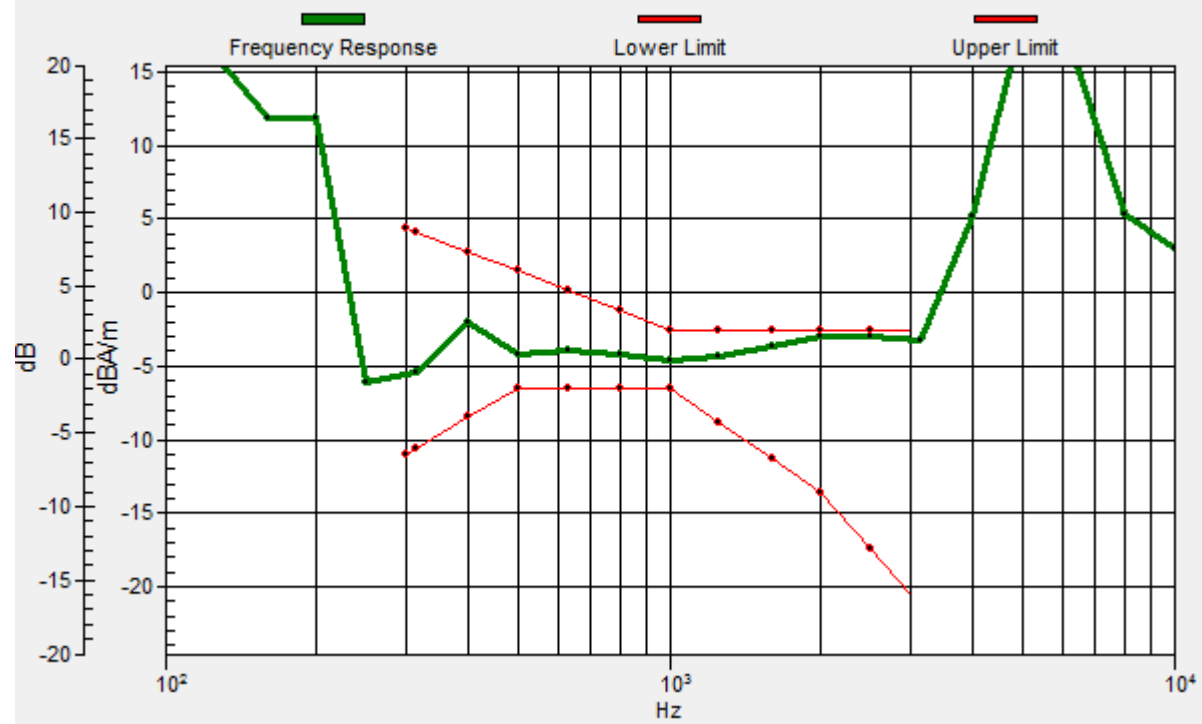
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm
ABM1/ABM2 = 33.74 dB
ABM1 comp = -4.60 dBA/m
BWC Factor = 0.15 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: -0.1, 12.7, 3.7 mm Diff: 0.39dB



Test Laboratory: SGS-SAR Lab

Q6005 HAC-T-Coil-LTE Band 41 20M QPSK 100RB0 40620CH

DUT: Q6005; Type: Mobile Phone; Serial: 990019130002357

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz;Duty Cycle: 1:1.57906

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 Sn1374; 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 = 22.17 dB
ABM1 comp = -13.94 dBA/m
BWC Factor = 0.15 dB
Location: 0, 4.2, 3.7 mm

