

Appendix A

Detailed Test Results

1. GSM
GSM850 for T-coil
GSM1900 for T-coil
2. WCDMA
WCDMA Band II
WCDMA Band IV
WCDMA Band V
3. LTE
LTE Band 2
LTE Band 4
LTE Band 5
LTE Band 12
LTE band 17
LTE Band 66

Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-GSM850 GSM Voice 190CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

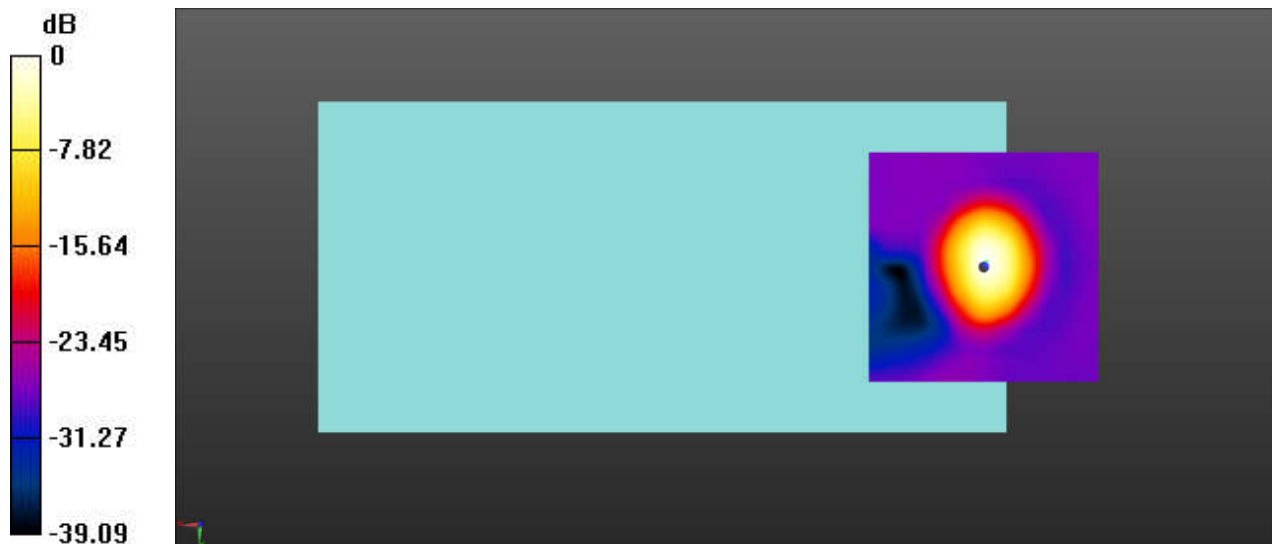
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 20.30 dB

ABM1 comp = -5.37 dBA/m

BWC Factor = 0.16 dB

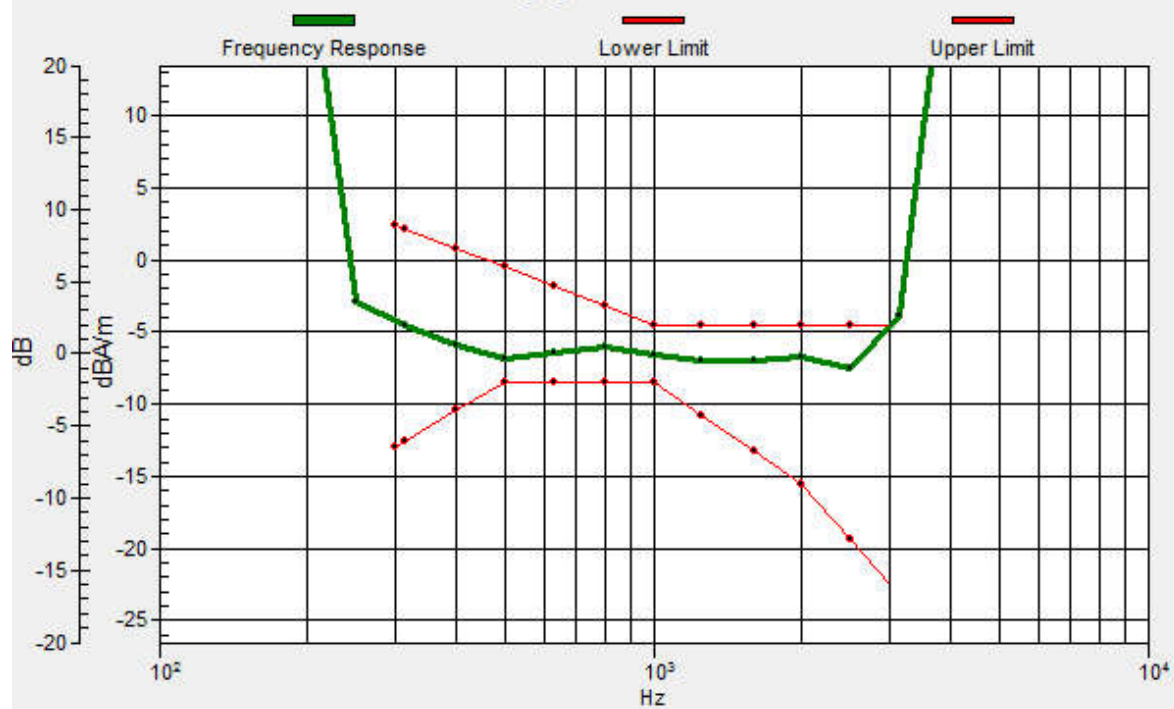
Location: -0.4, -0.8, 3.7 mm



0 dB = 10.35 = 20.30 dB

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

Loc: -0.4, -1, 3.7 mm Diff: 0.22dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-GSM850 GSM Voice 190CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

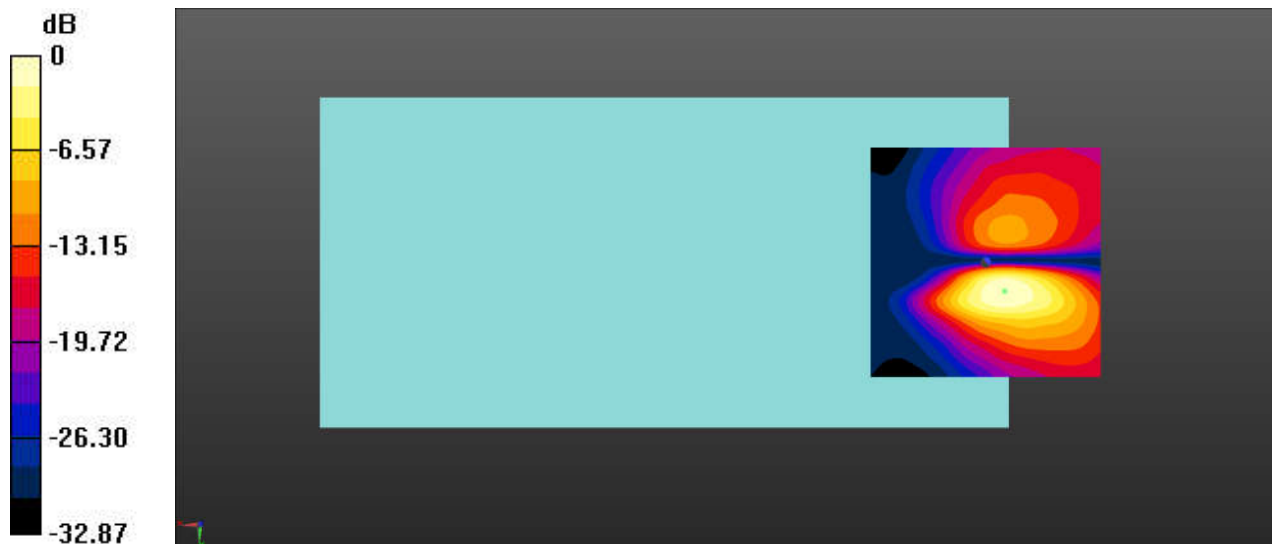
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 21.85 dB

ABM1 comp = -17.08 dBA/m

BWC Factor = 0.16 dB

Location: -4.2, 6.2, 3.7 mm



0 dB = 12.37 = 21.85 dB

Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-GSM1900 GSM Voice 661CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 23.66 dB

ABM1 comp = -1.56 dBA/m

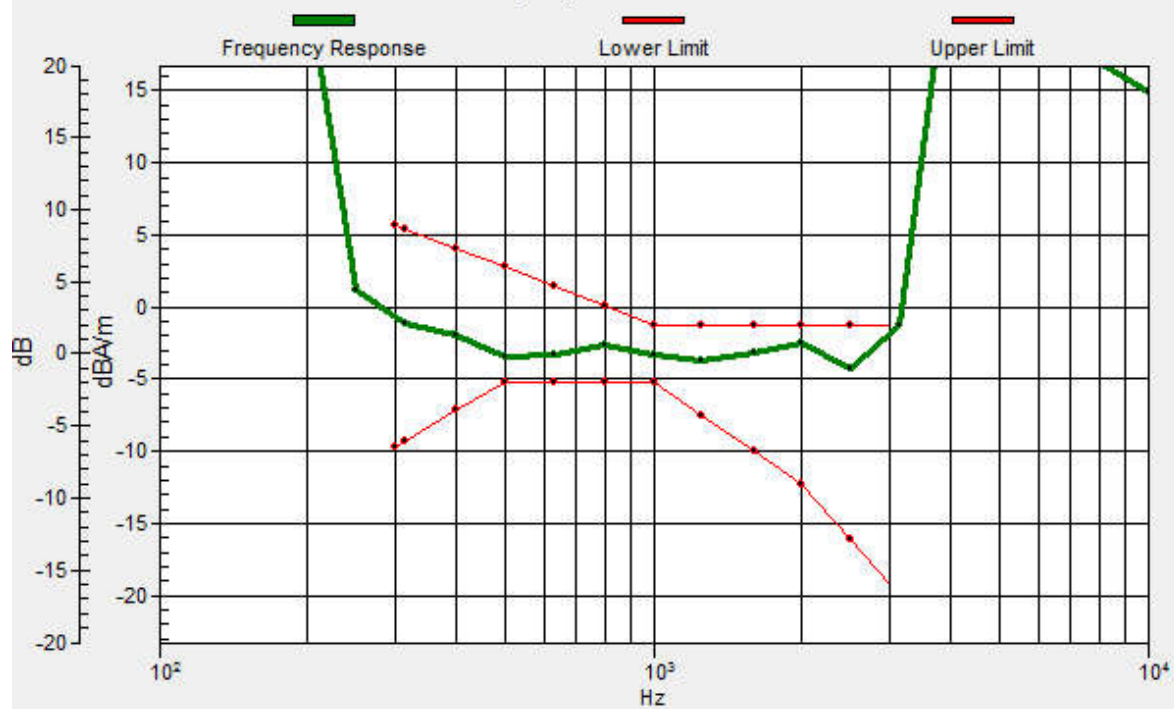
BWC Factor = 0.16 dB

Location: -1.2, -0.8, 3.7 mm



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

Loc: -1.3, -0.9, 3.7 mm Diff: 0.78dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-GSM1900 GSM Voice 661CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

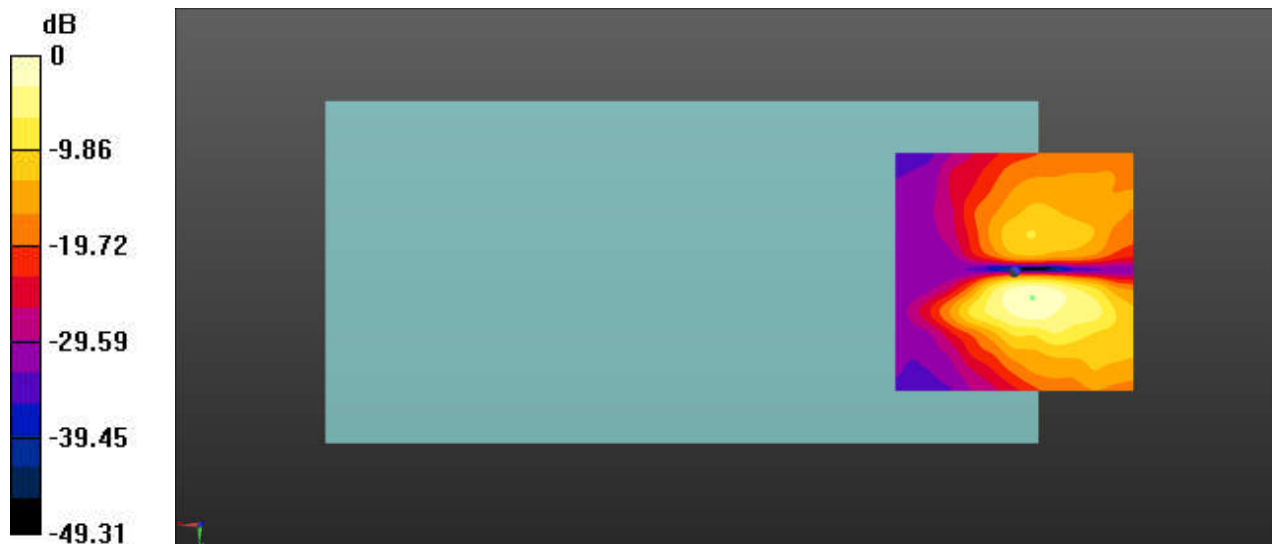
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 23.34 dB

ABM1 comp = -12.97 dBA/m

BWC Factor = 0.16 dB

Location: -3.7, 5.4, 3.7 mm



0 dB = 14.69 = 23.34 dB

Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

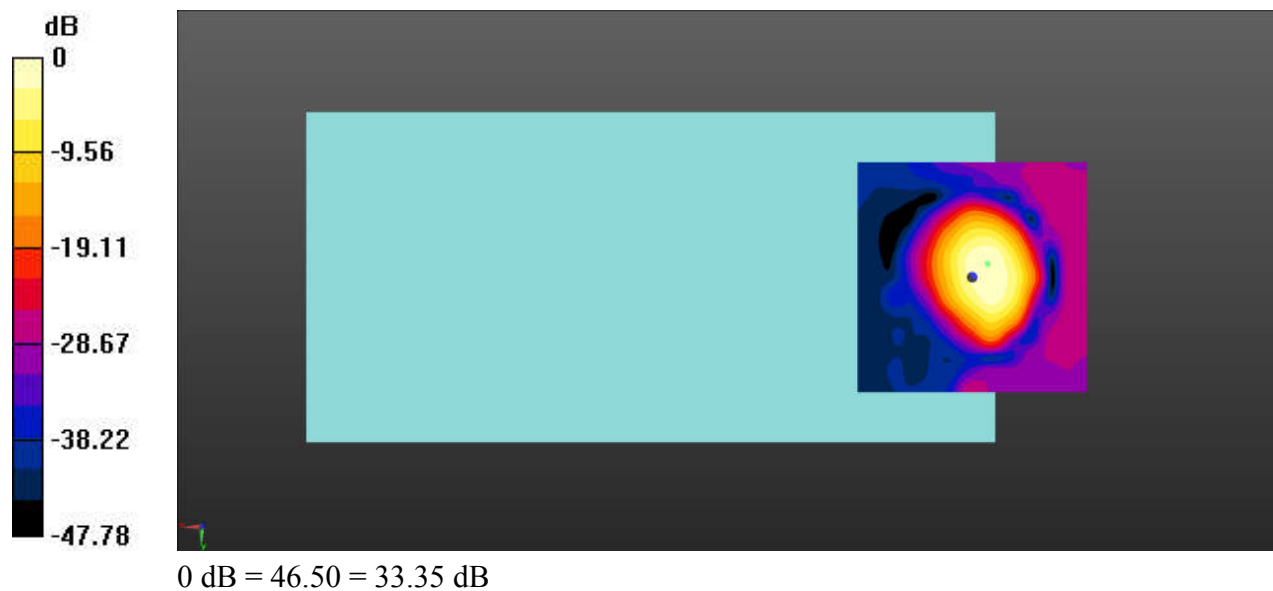
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.35 dB

ABM1 comp = -9.23 dBA/m

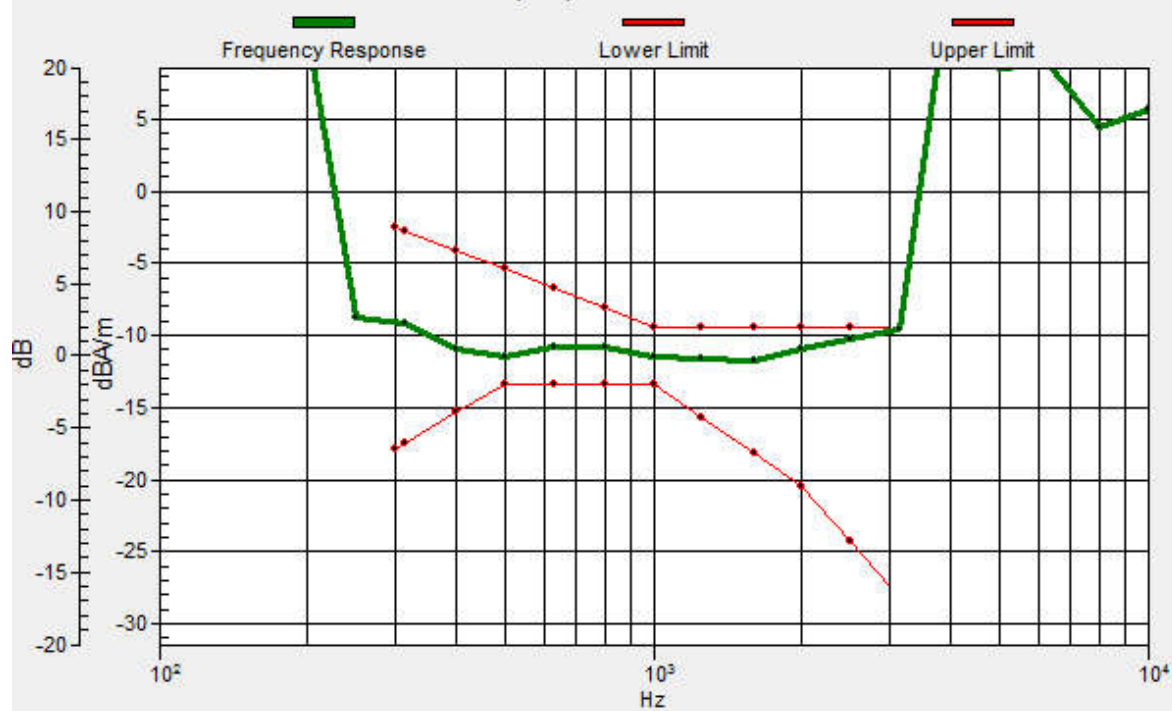
BWC Factor = 0.16 dB

Location: -3.3, -2.9, 3.7 mm



General Scans/z (axial) wideband at best S/N 17/ABM Freq Resp(x,y,z,f)

Loc: -3.4, -2.8, 3.7 mm Diff: 0.29dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-WCDMA Band II AMR Voice 9400CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

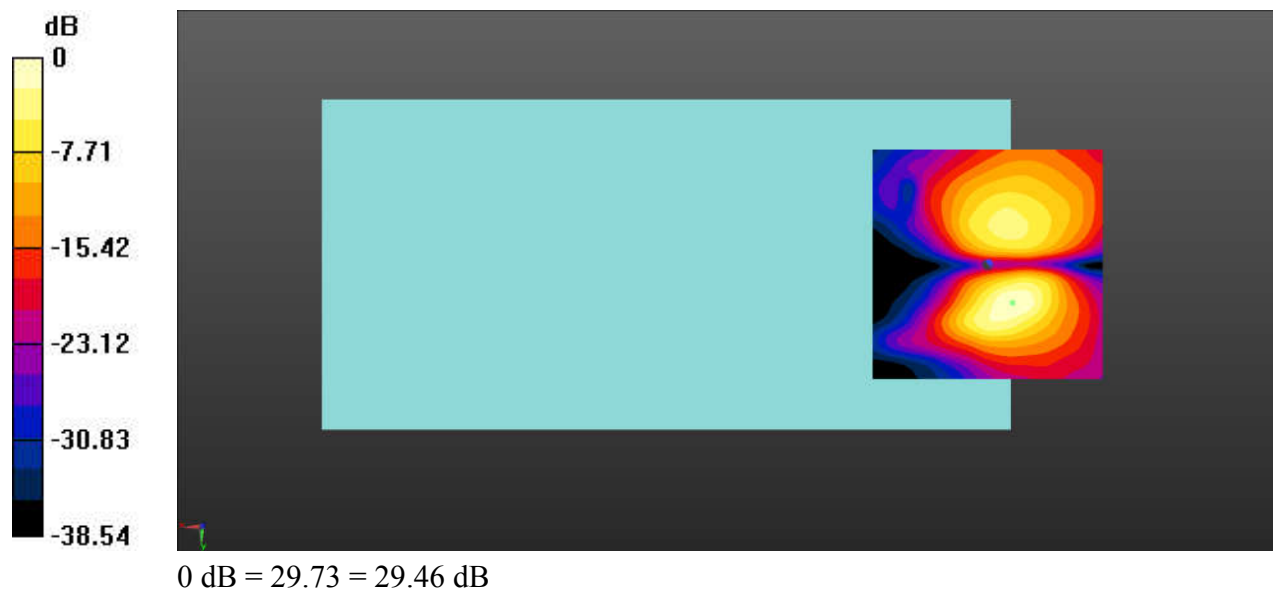
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.46 dB

ABM1 comp = -17.23 dBA/m

BWC Factor = 0.16 dB

Location: -5.4, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

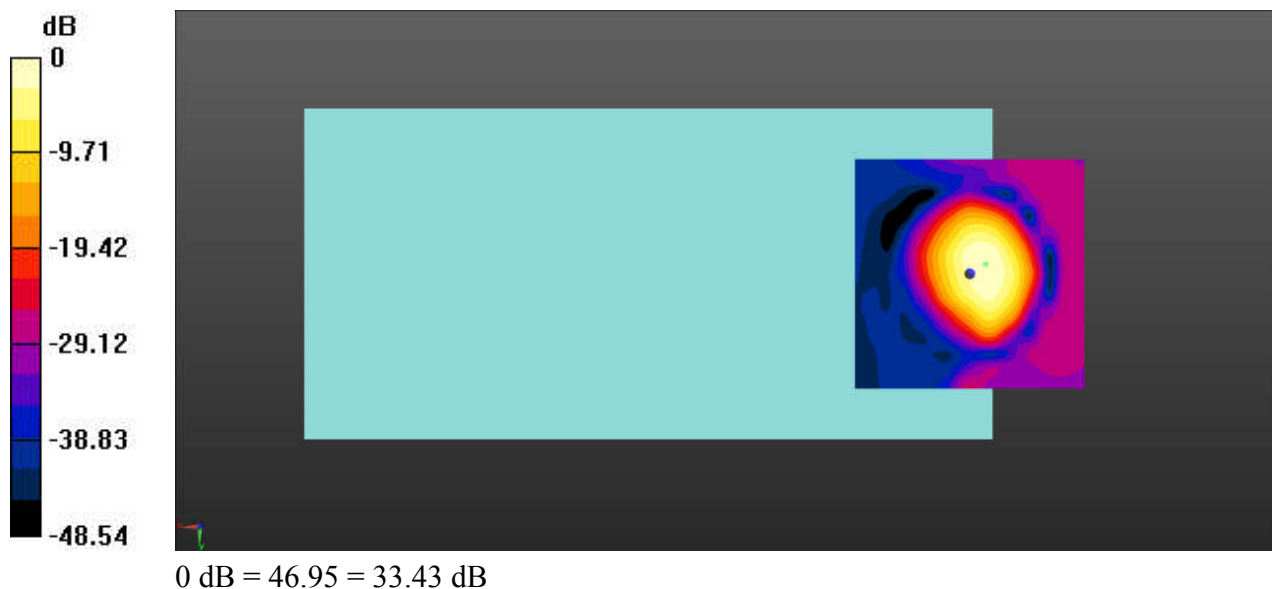
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.43 dB

ABM1 comp = -8.76 dBA/m

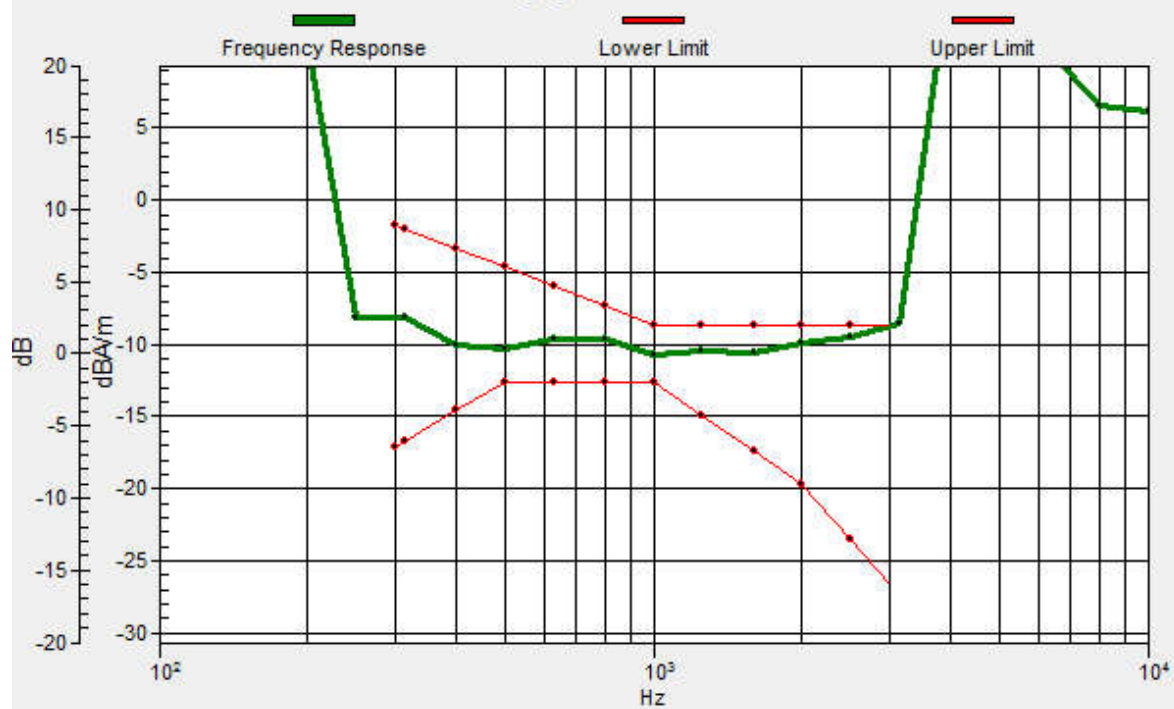
BWC Factor = 0.16 dB

Location: -3.3, -2.1, 3.7 mm



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

Loc: -3.5, -2, 3.7 mm Diff: 0.13dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-WCDMA Band IV AMR Voice 1412CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

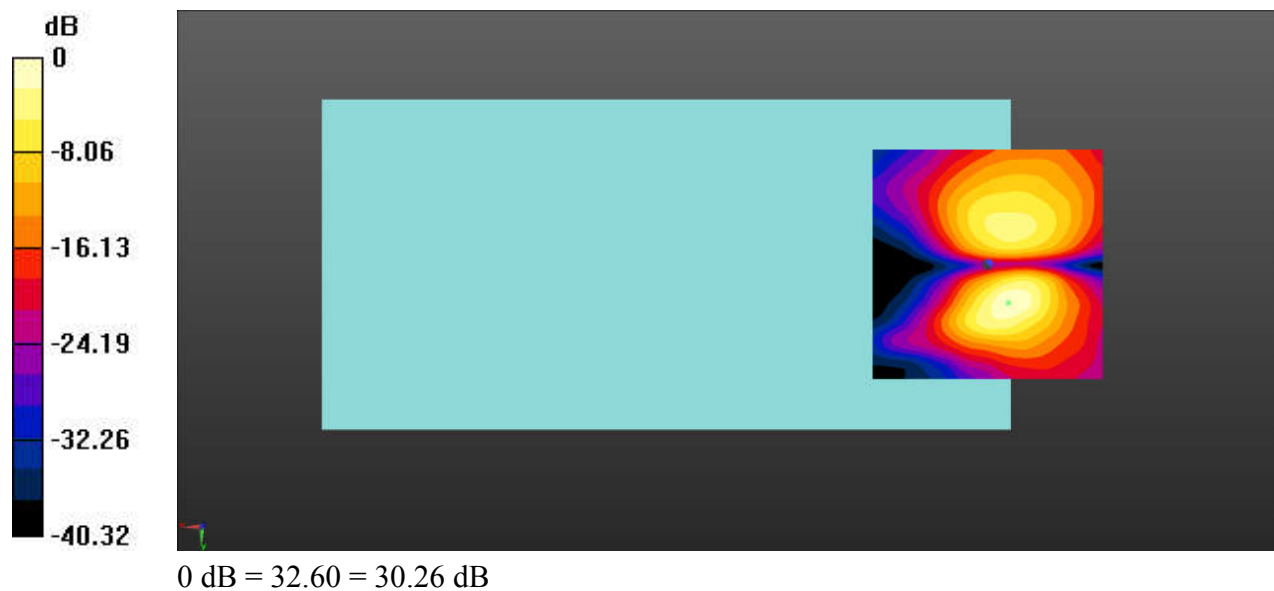
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.26 dB

ABM1 comp = -15.99 dBA/m

BWC Factor = 0.16 dB

Location: -4.6, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

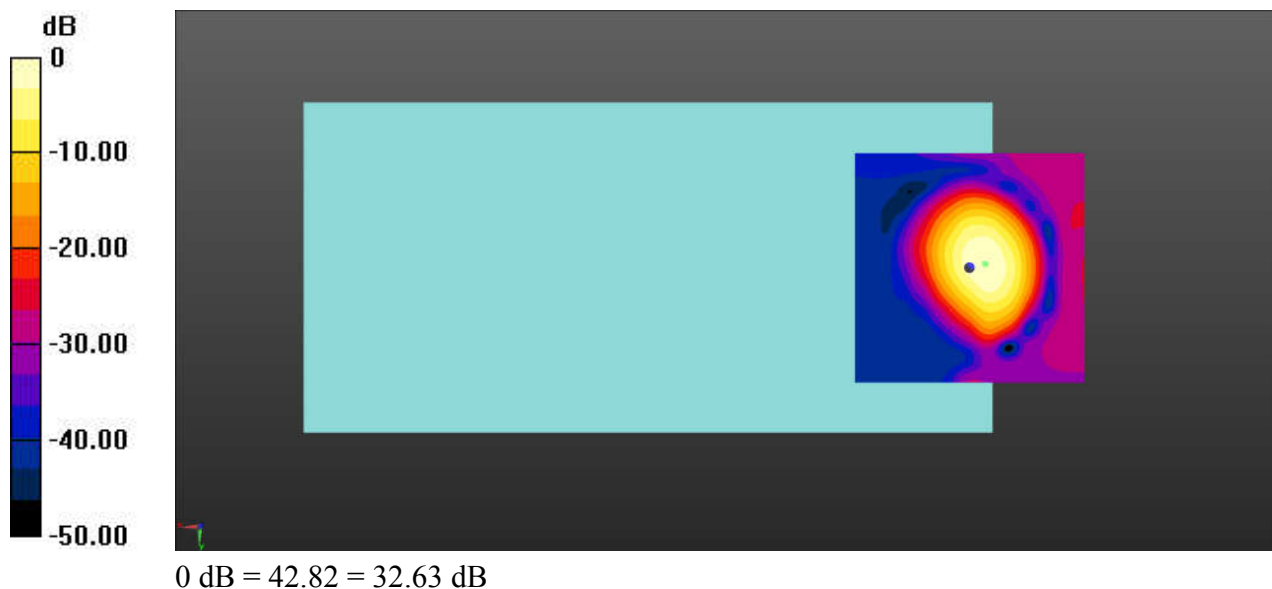
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 32.63 dB

ABM1 comp = -9.26 dBA/m

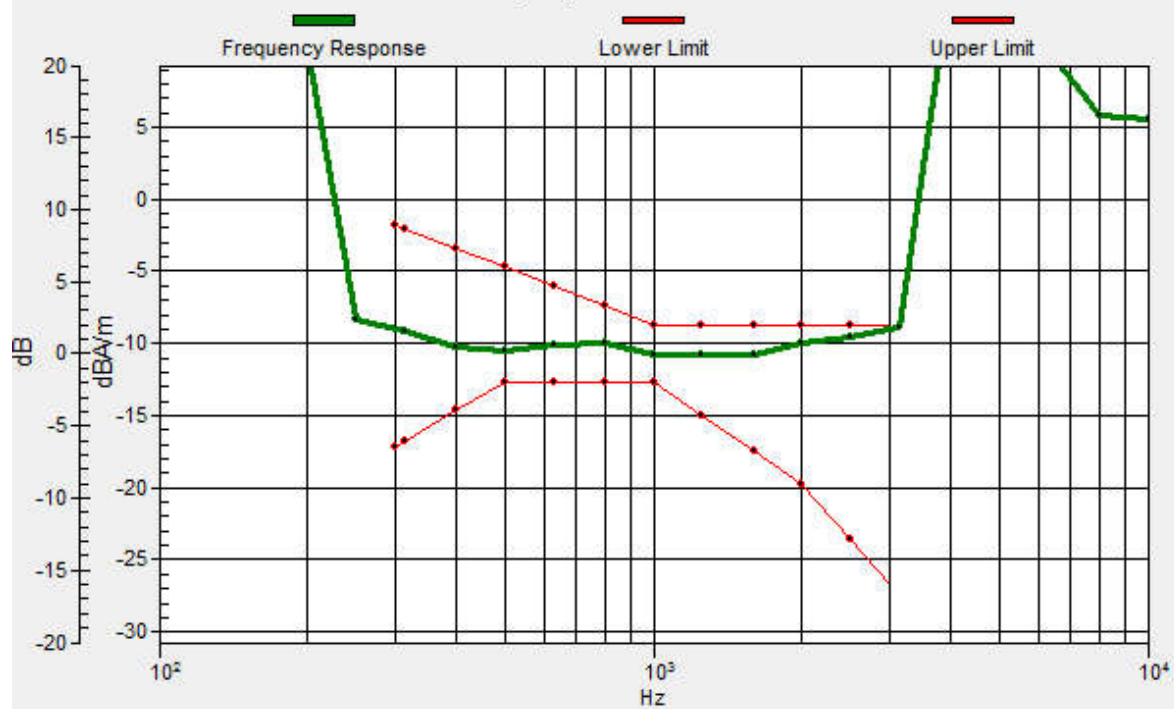
BWC Factor = 0.16 dB

Location: -3.3, -0.8, 3.7 mm



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

Loc: -3.5, -0.7, 3.7 mm Diff: 0.27dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-WCDMA Band V AMR Voice 4182CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

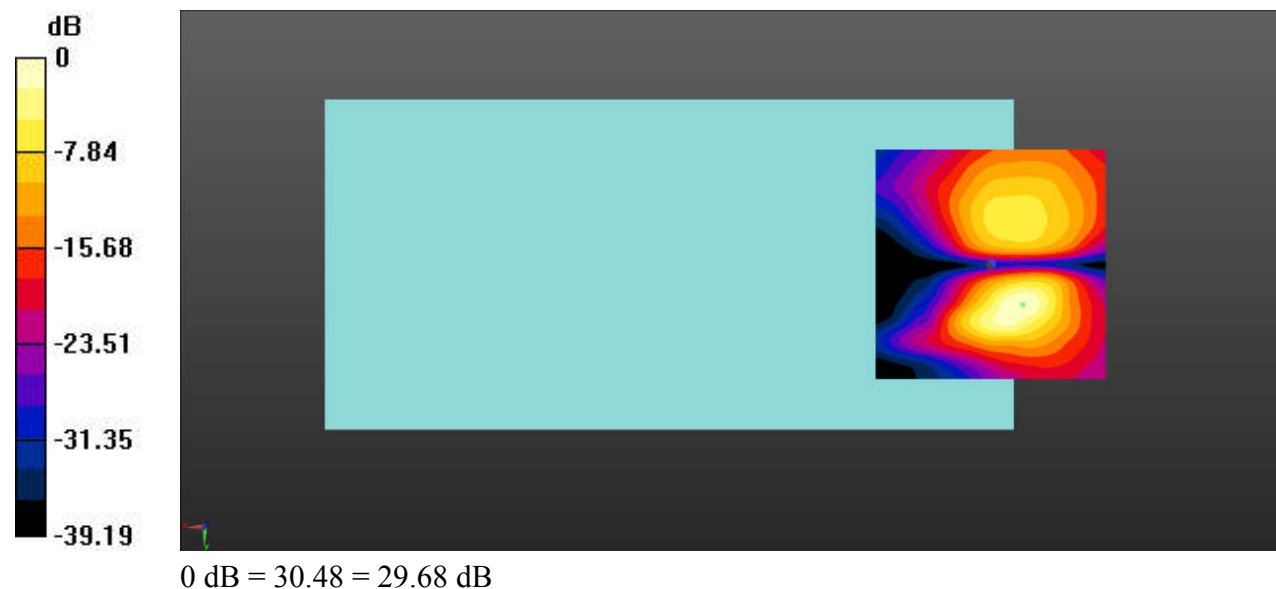
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.68 dB

ABM1 comp = -16.63 dBA/m

BWC Factor = 0.16 dB

Location: -7.1, 8.7, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 2 20M QPSK 100RB0 18900CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

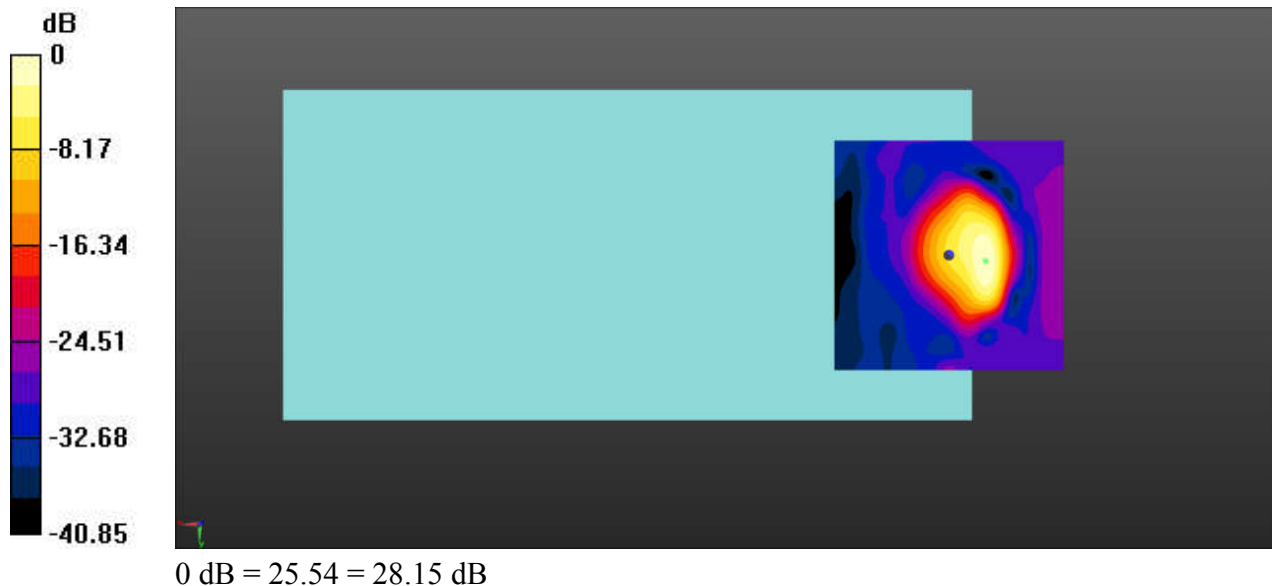
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.15 dB

ABM1 comp = -16.44 dBA/m

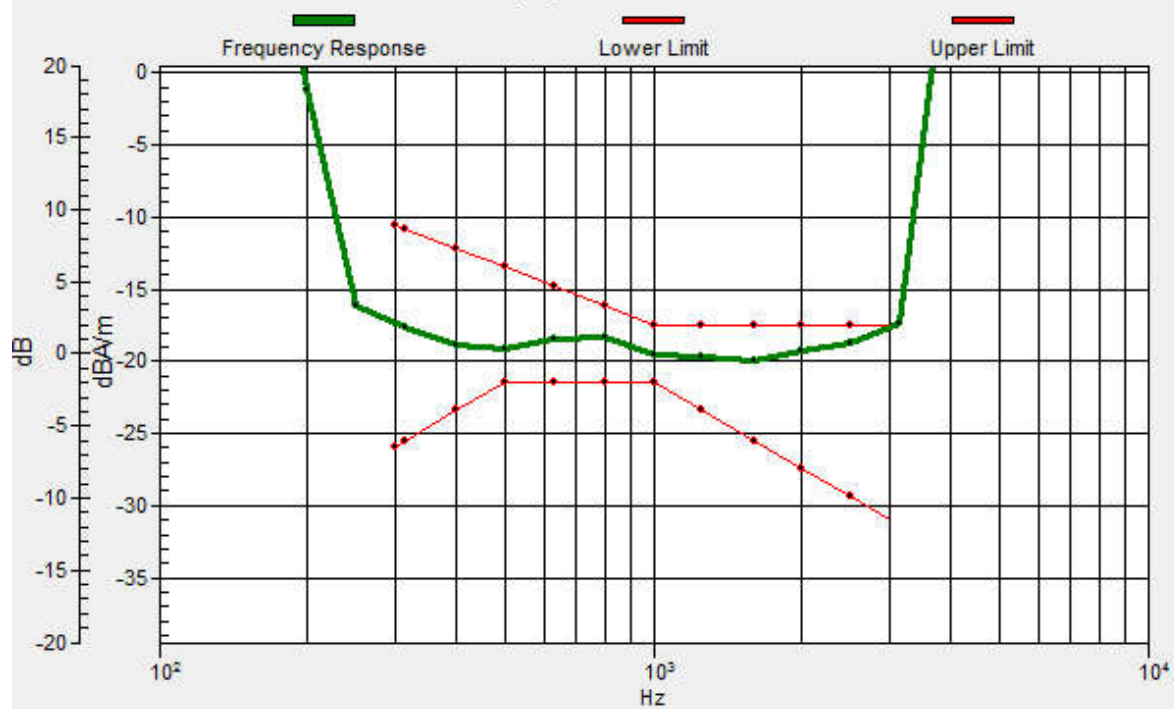
BWC Factor = 0.15 dB

Location: -7.9, 1.2, 3.7 mm



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

Loc: -8, 1.4, 3.7 mm Diff: 0.24dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 2 20M QPSK 100RB0 18900CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

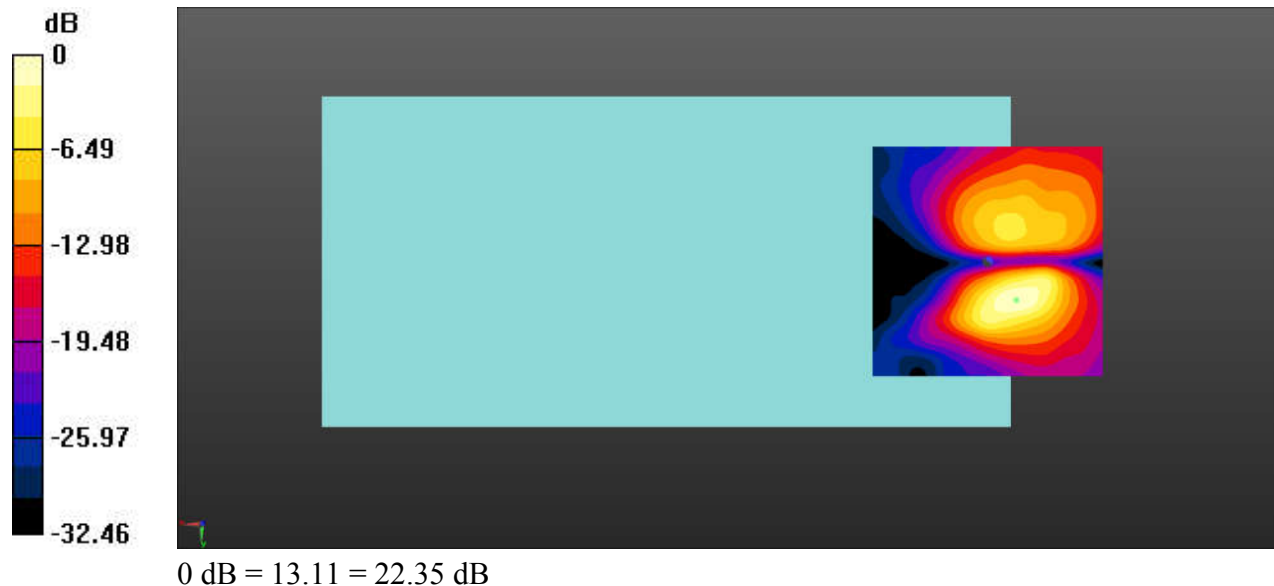
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 22.35 dB

ABM1 comp = -16.71 dBA/m

BWC Factor = 0.15 dB

Location: -6.2, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 4 20M QPSK 100RB0 20175CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

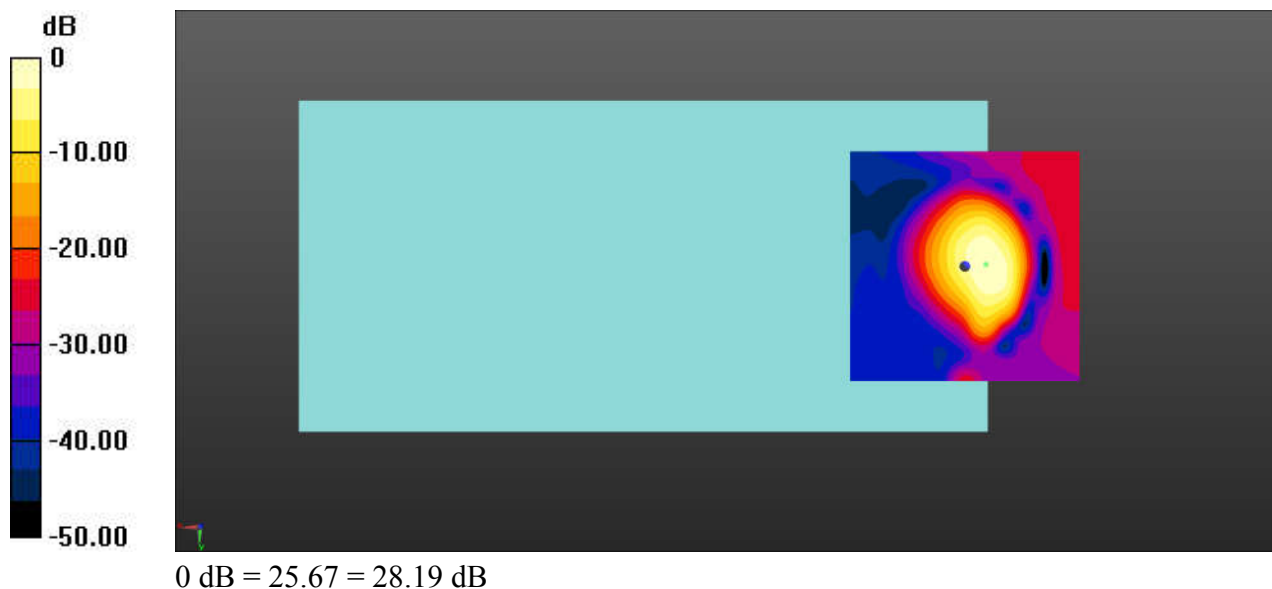
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.19 dB

ABM1 comp = -11.45 dBA/m

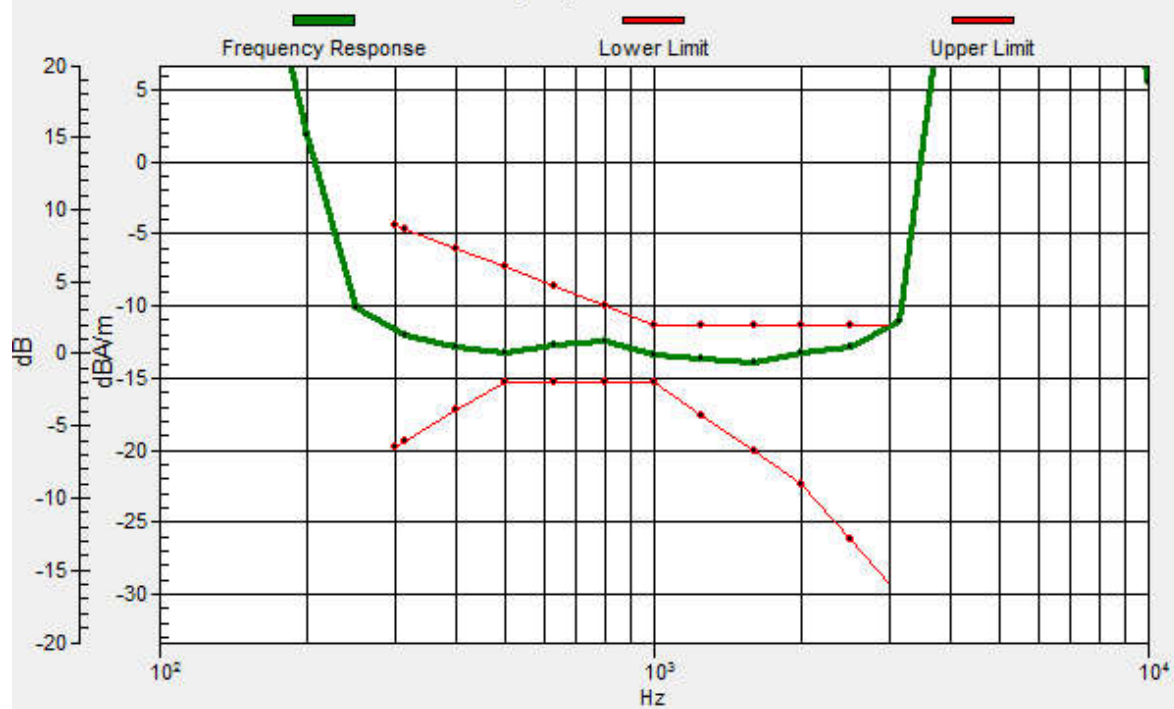
BWC Factor = 0.15 dB

Location: -4.6, -0.4, 3.7 mm



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

Loc: -4.5, -0.4, 3.7 mm Diff: 0.16dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 4 20M QPSK 100RB0 20175CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

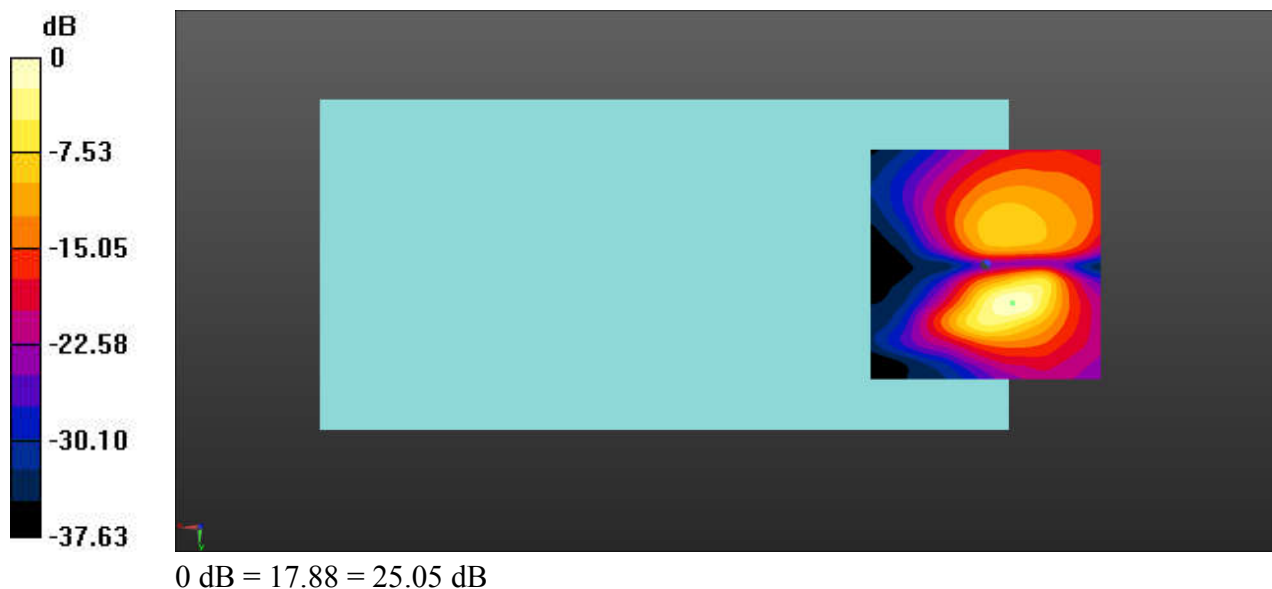
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 25.05 dB

ABM1 comp = -16.27 dBA/m

BWC Factor = 0.15 dB

Location: -5.8, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 5 10M QPSK 50RB0 20525CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

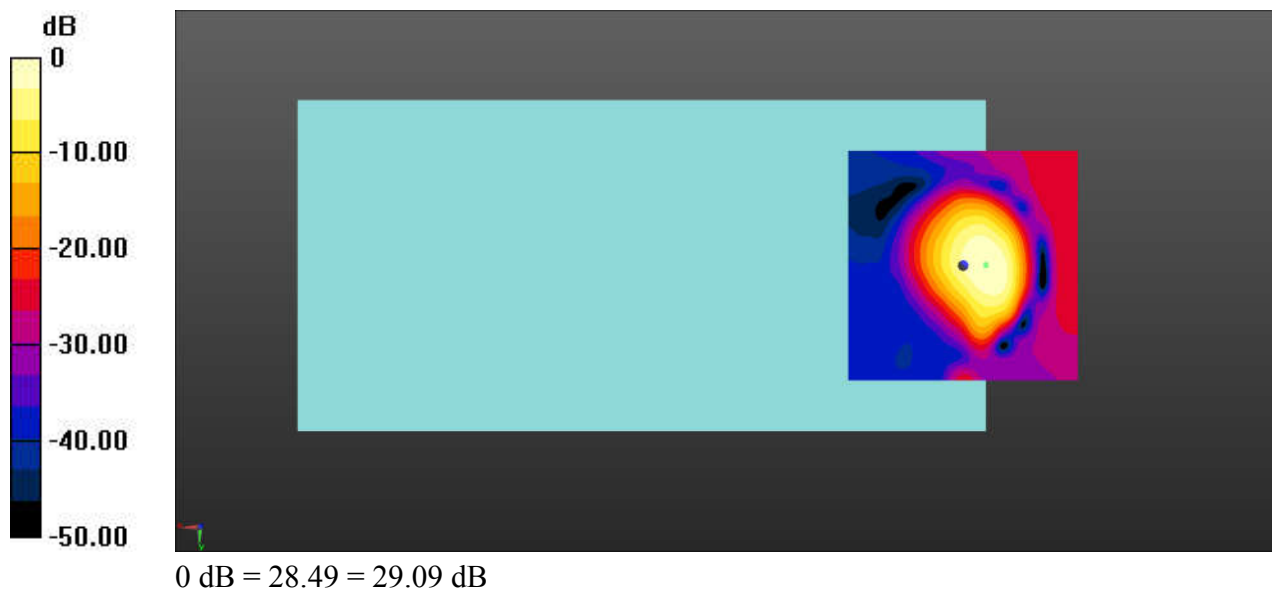
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.09 dB

ABM1 comp = -12.38 dBA/m

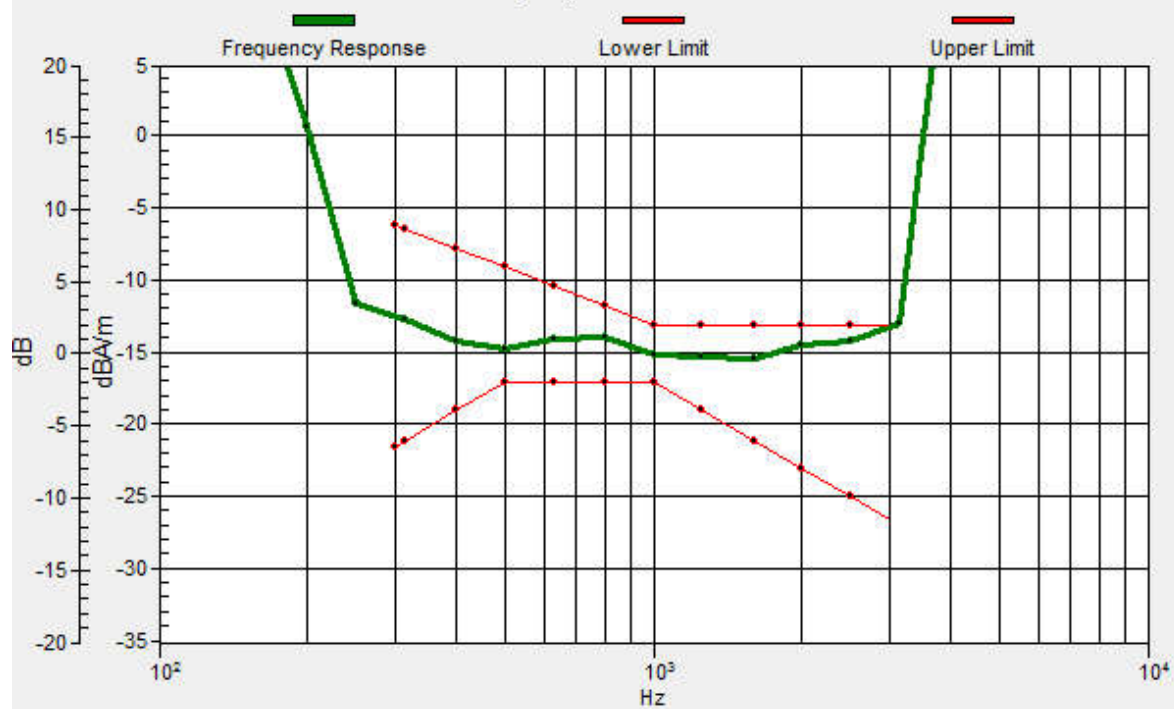
BWC Factor = 0.16 dB

Location: -5, 0, 3.7 mm



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

Loc: -4.9, -0.2, 3.7 mm Diff: 0.17dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 5 10M QPSK 50RB0 20525CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

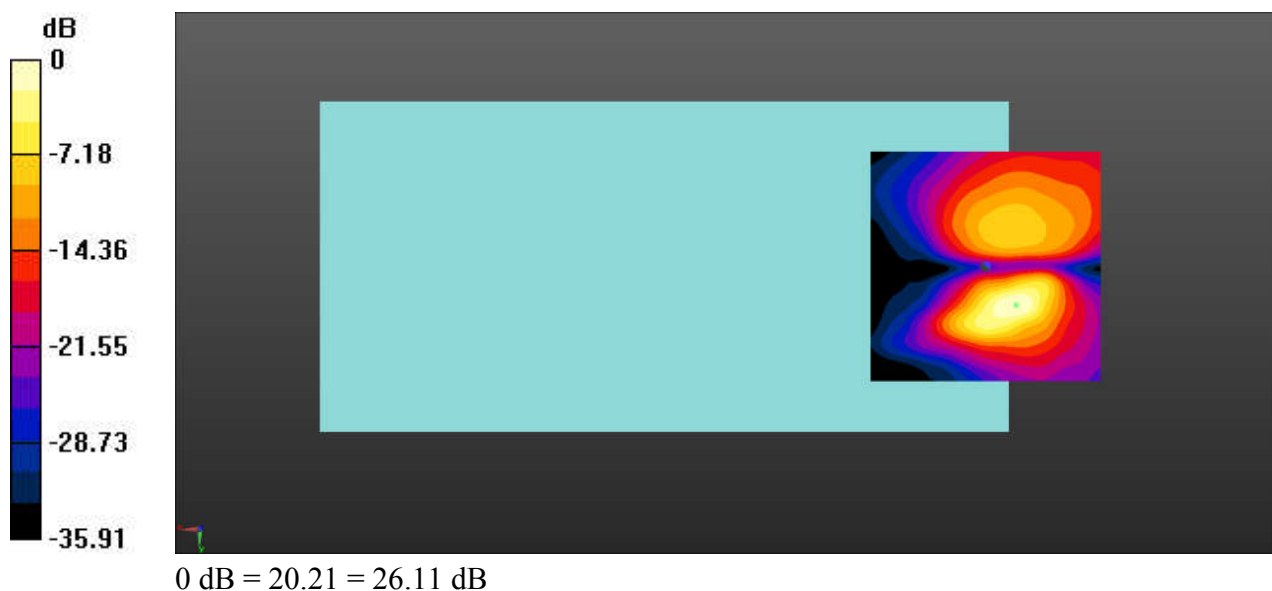
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 26.11 dB

ABM1 comp = -17.56 dBA/m

BWC Factor = 0.16 dB

Location: -6.7, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 12 10M QPSK 50RB0 23095CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

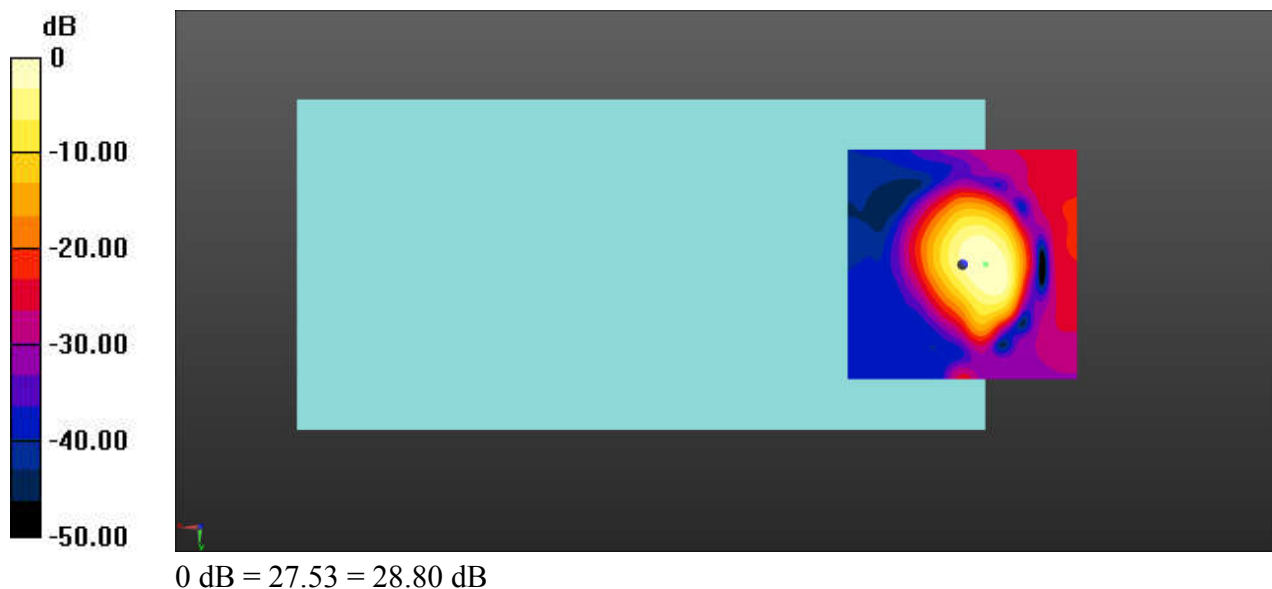
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.80 dB

ABM1 comp = -12.42 dBA/m

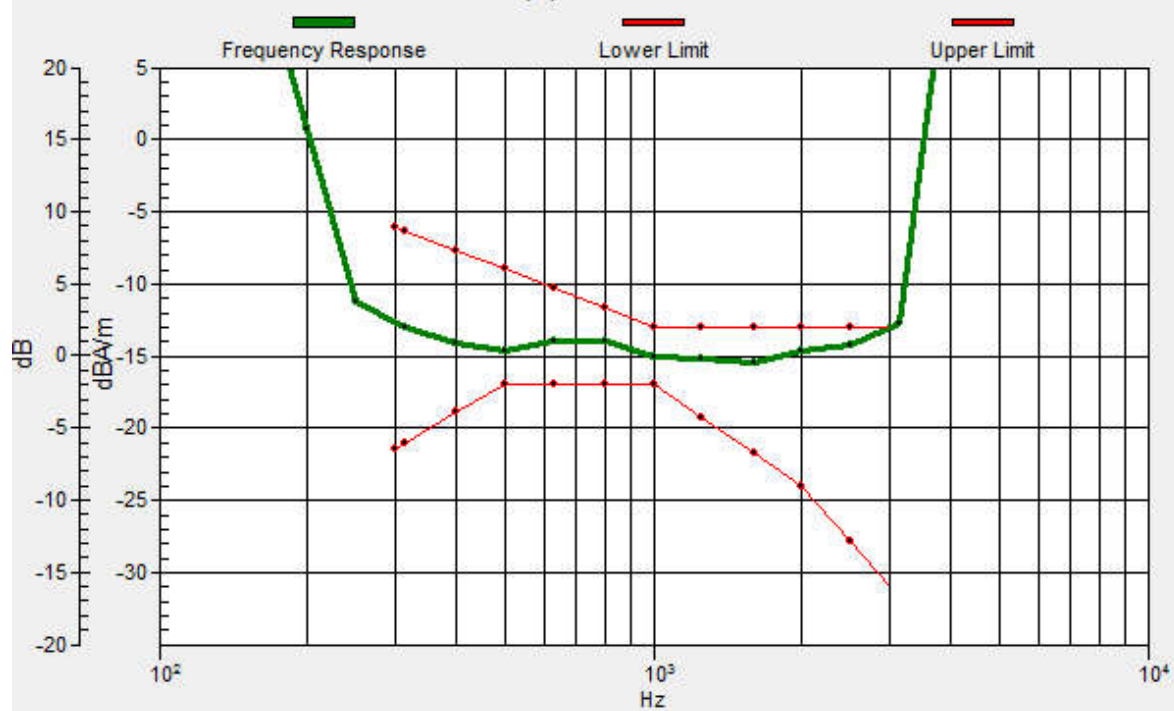
BWC Factor = 0.15 dB

Location: -5, 0, 3.7 mm



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

Loc: -5, 0, 3.7 mm Diff: 0.1dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 12 10M QPSK 50RB0 23095CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

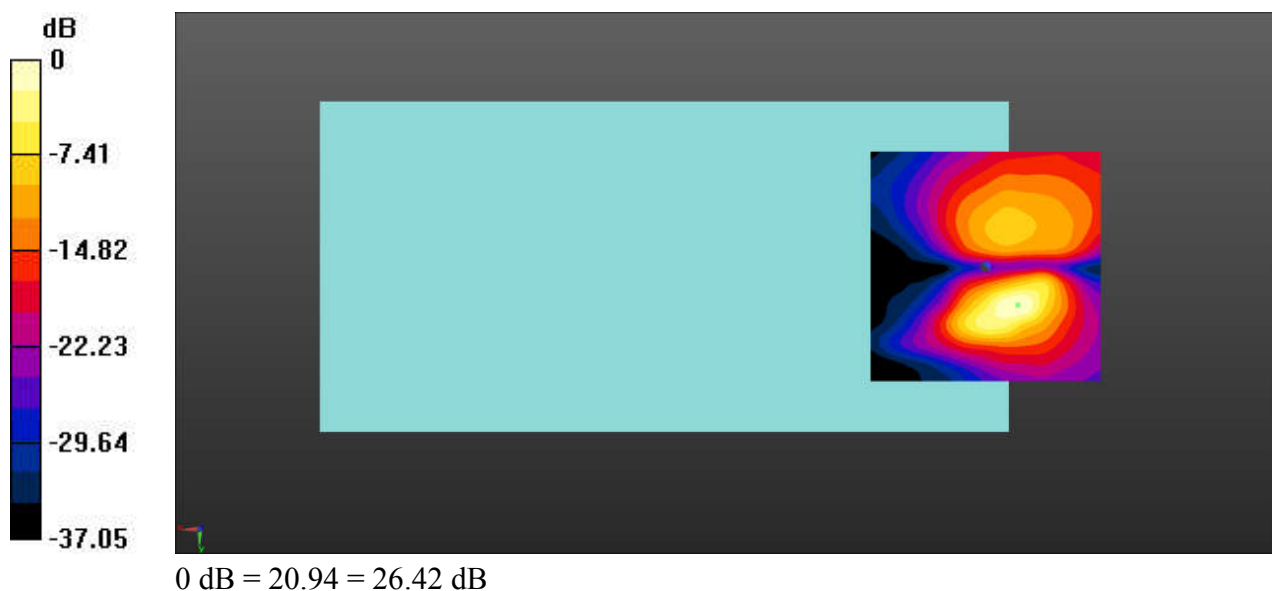
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 26.42 dB

ABM1 comp = -17.05 dBA/m

BWC Factor = 0.15 dB

Location: -7.1, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 17 10M QPSK 50RB0 23790CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

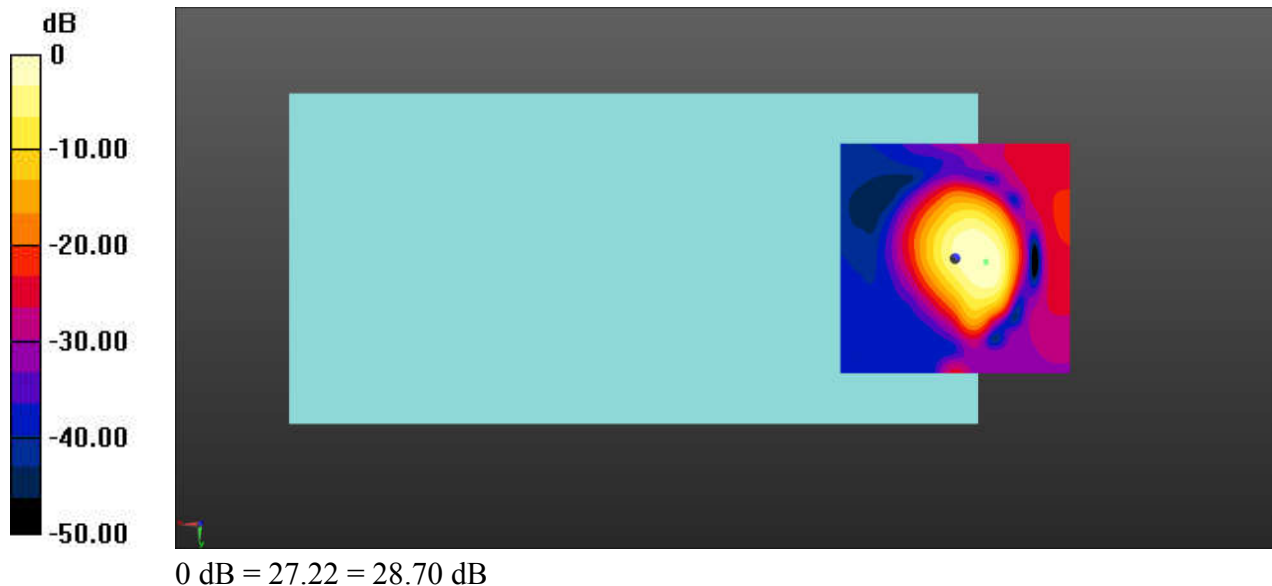
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.70 dB

ABM1 comp = -15.47 dBA/m

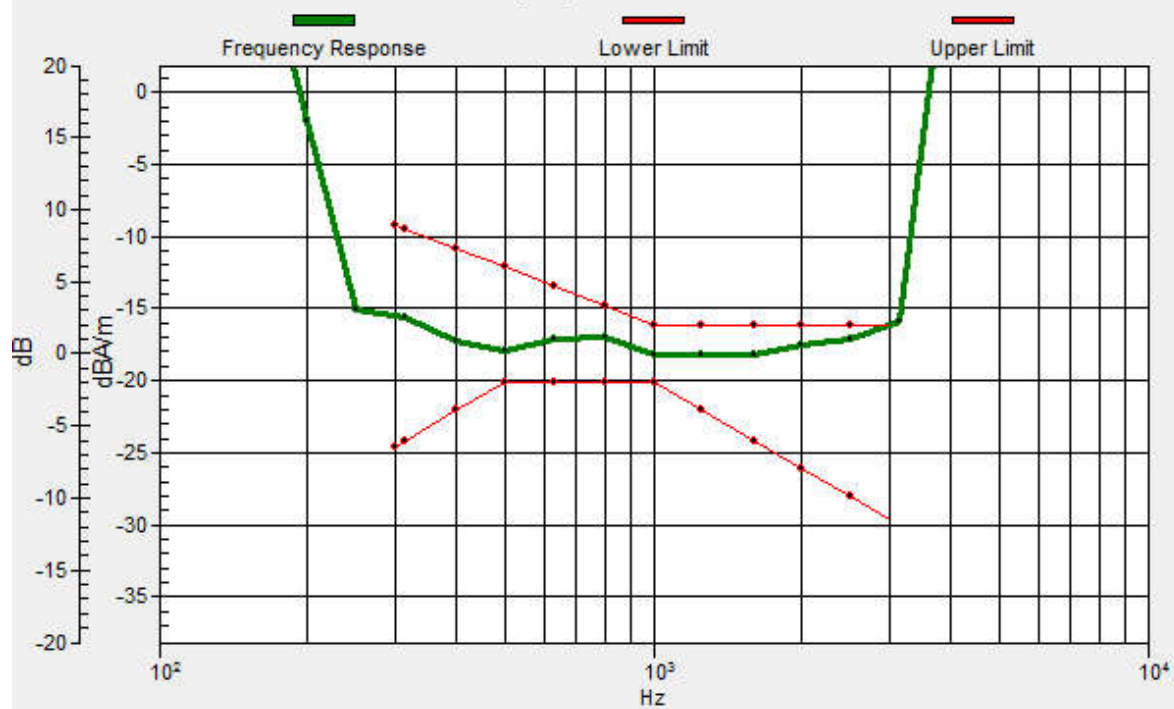
BWC Factor = 0.15 dB

Location: -6.7, 0.8, 3.7 mm



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

Loc: -6.7, 0.7, 3.7 mm Diff: 0.05dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 17 10M QPSK 50RB0 23790CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 710 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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

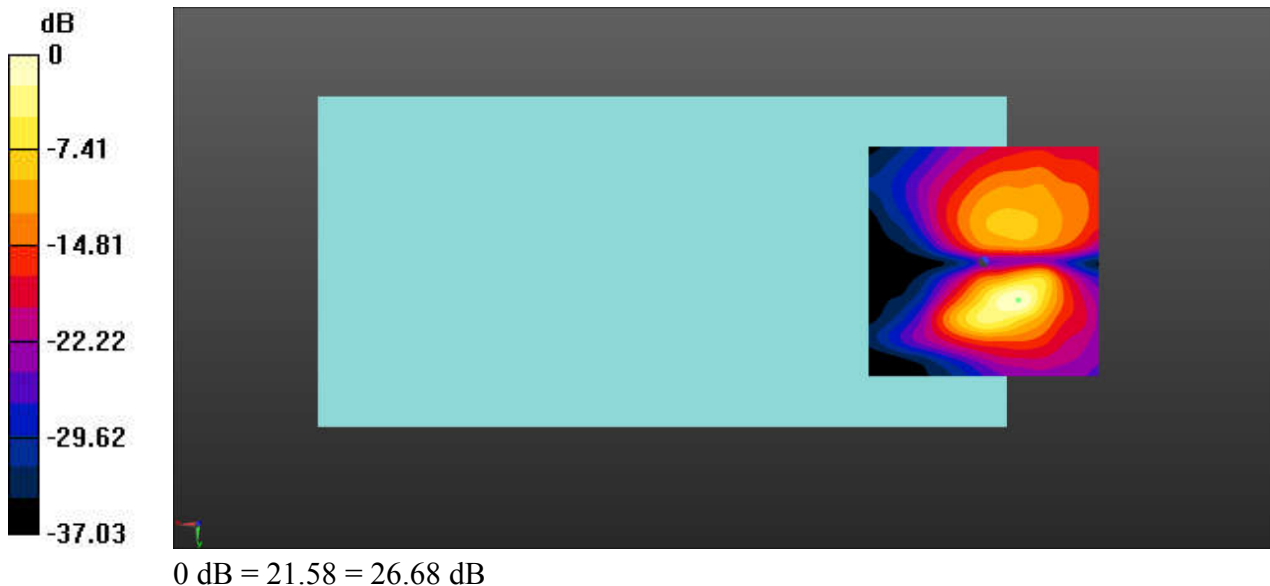
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 26.68 dB

ABM1 comp = -17.17 dBA/m

BWC Factor = 0.15 dB

Location: -7.5, 8.3, 3.7 mm



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 66 20M QPSK 100RB0 132322CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

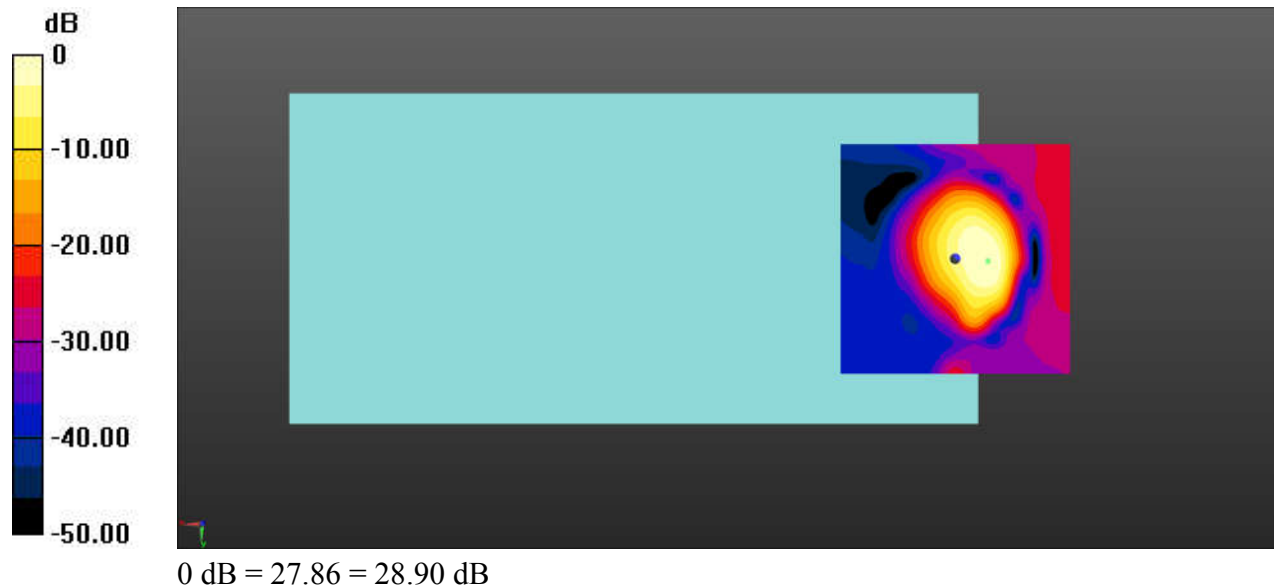
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.90 dB

ABM1 comp = -15.30 dBA/m

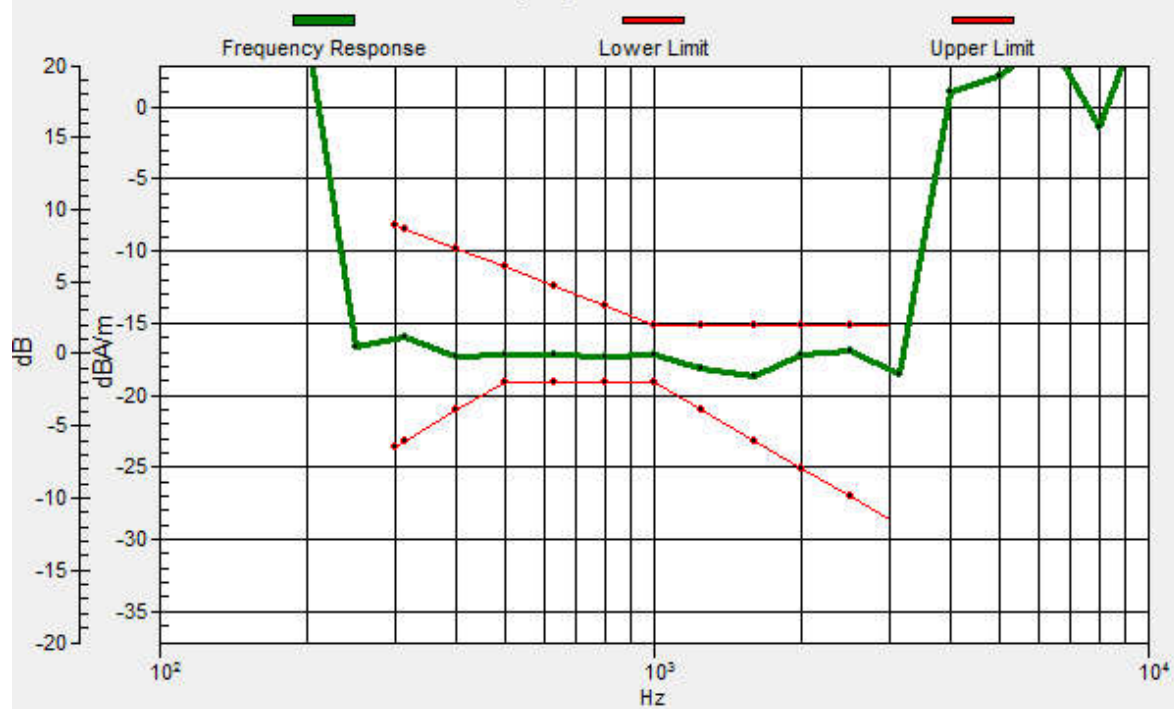
BWC Factor = 0.15 dB

Location: -7.1, 0.4, 3.7 mm



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

Loc: -7.1, 0.6, 3.7 mm Diff: 1.75dB



Test Laboratory: SGS-SAR Lab

P55Max HAC-T-Coil-LTE Band 66 20M QPSK 100RB0 132322CH

DUT: P55Max; Type: SMART PHONE; Serial: XMOX552211011030

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: 2022-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1740; Calibrated: 2022-08-03
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 25.76 dB

ABM1 comp = -17.34 dBA/m

BWC Factor = 0.15 dB

Location: -4.6, 8.3, 3.7 mm

