

# Appendix A

## Detailed Test Results

1. GSM
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LTE band 17
LTE Band 66
LTE Band 71
LTE Band 41

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/m<sup>3</sup>  
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)

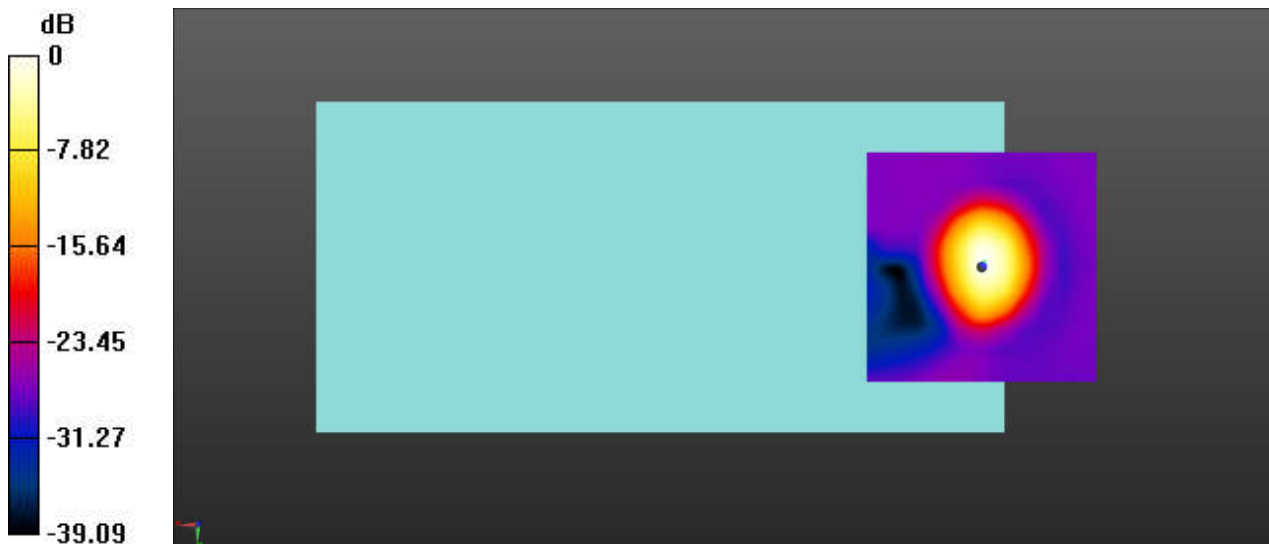
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 20.30 dB

ABM1 comp = -5.37 dBA/m

BWC Factor = 0.16 dB

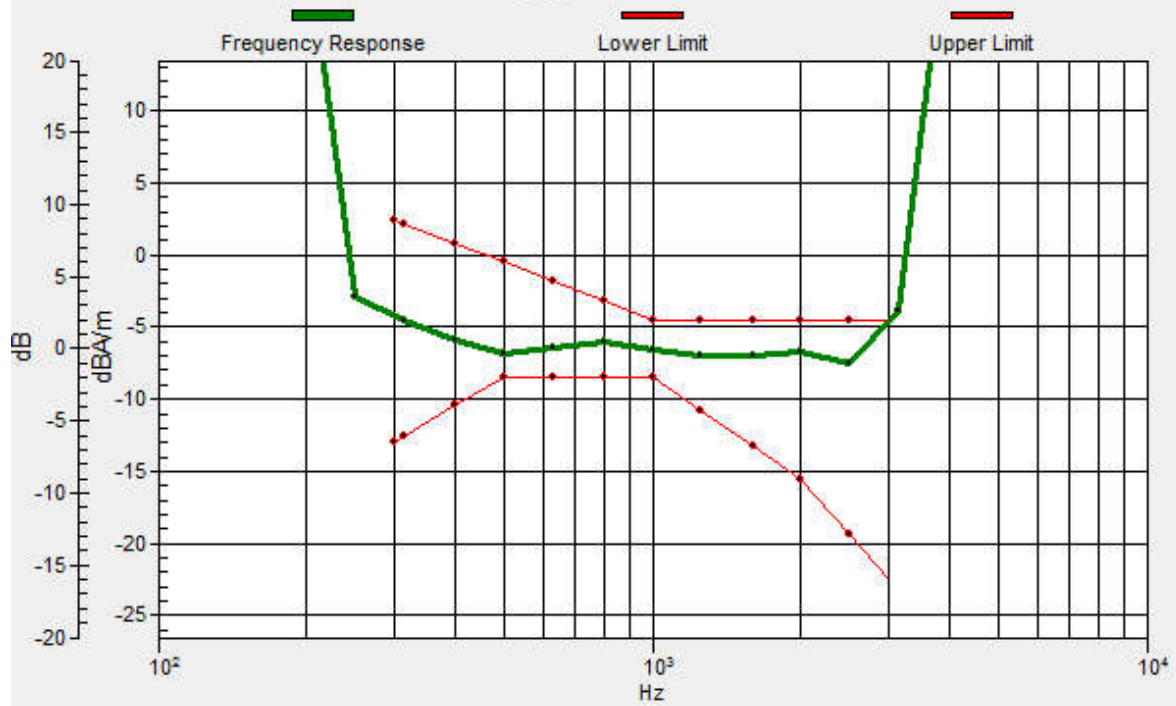
Location: -0.4, -0.8, 3.7 mm



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/m<sup>3</sup>  
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

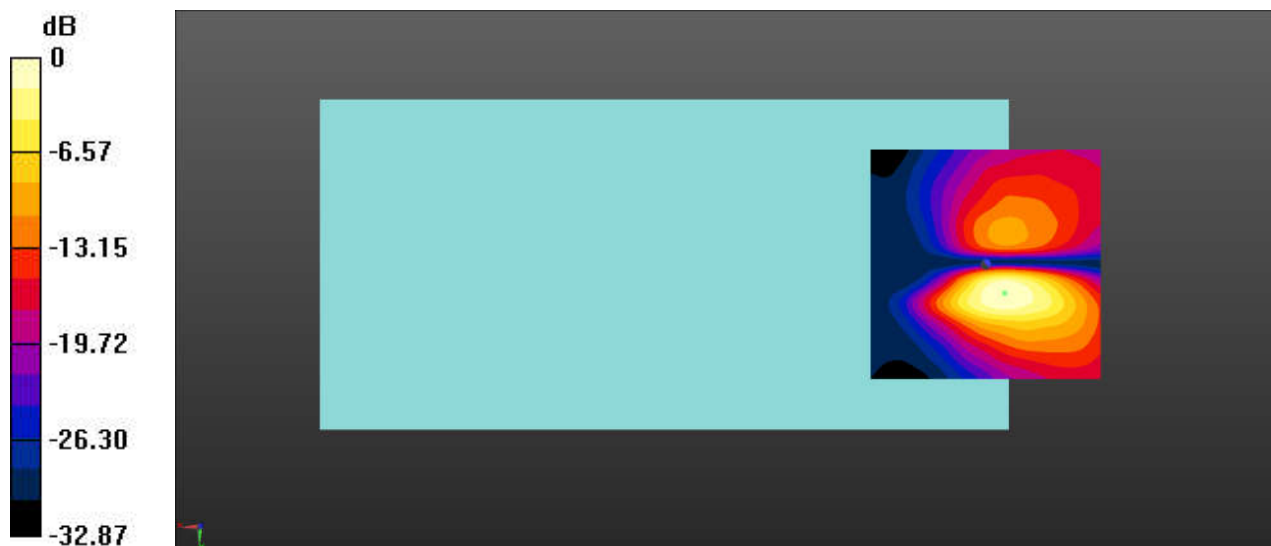
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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/m<sup>3</sup>  
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)

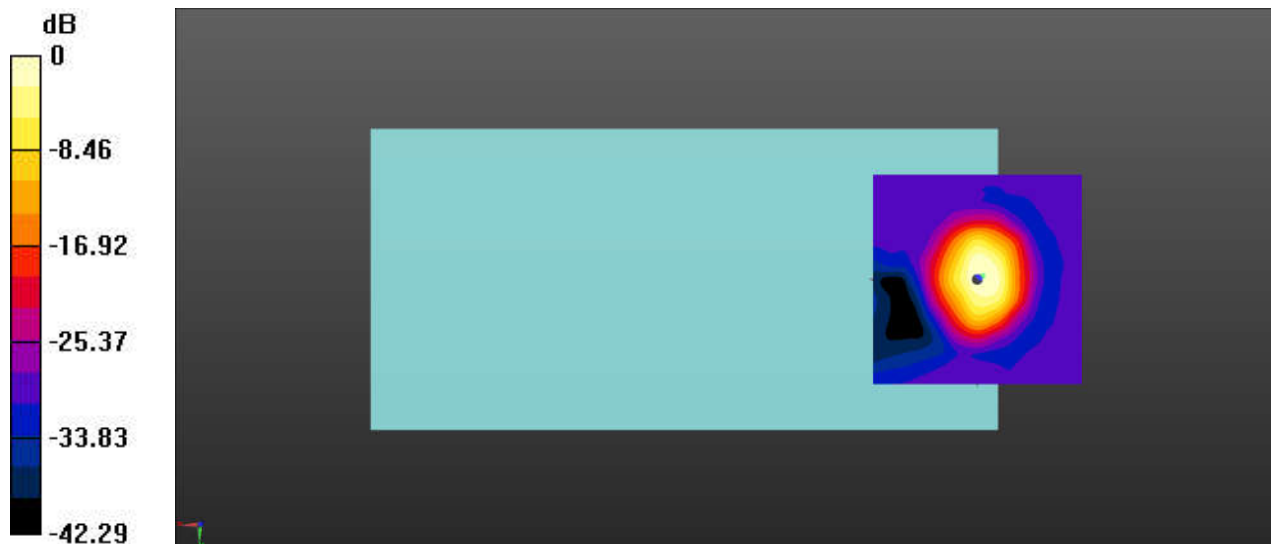
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 23.66 dB

ABM1 comp = -1.56 dBA/m

BWC Factor = 0.16 dB

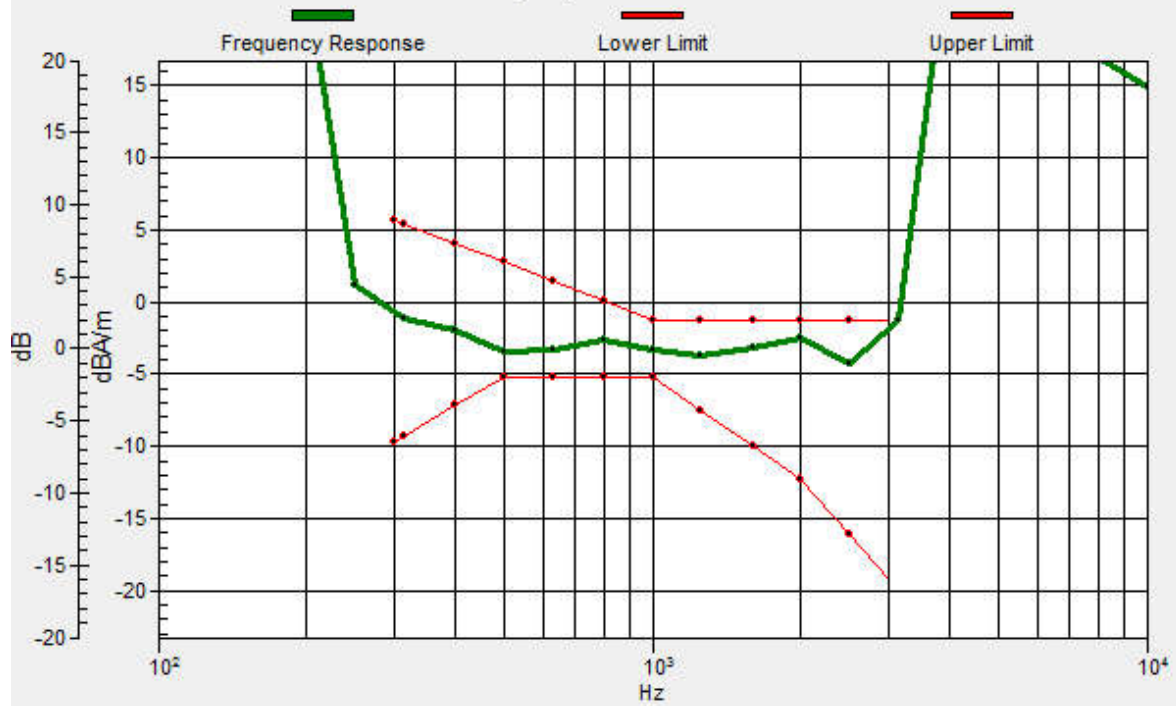
Location: -1.2, -0.8, 3.7 mm



0 dB = 15.25 = 23.67 dB

# 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/m<sup>3</sup>  
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

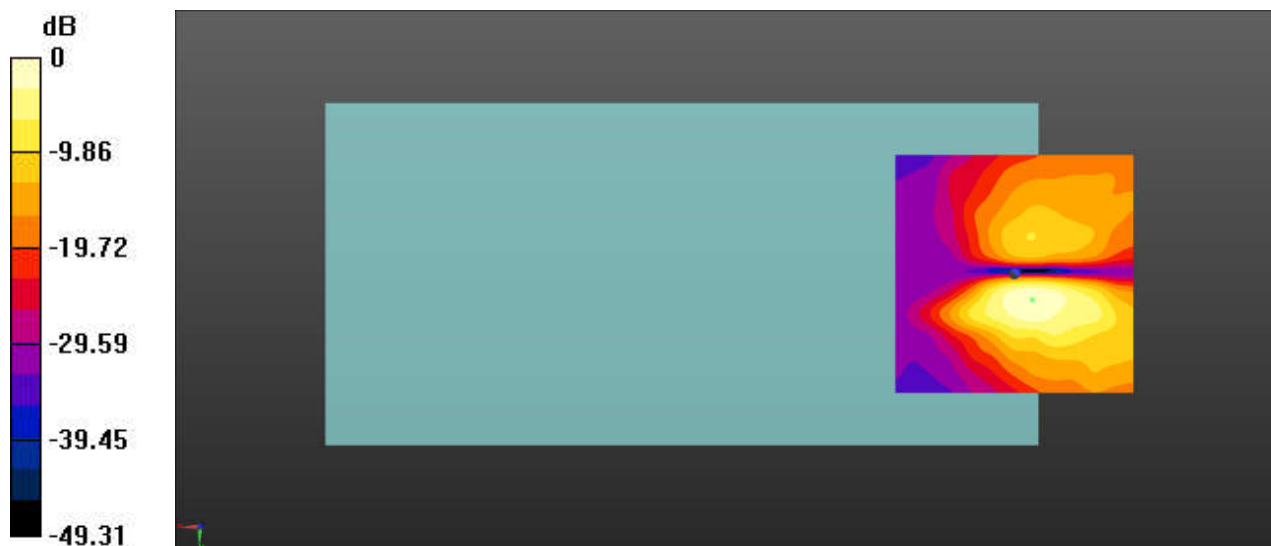
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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/m<sup>3</sup>  
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)

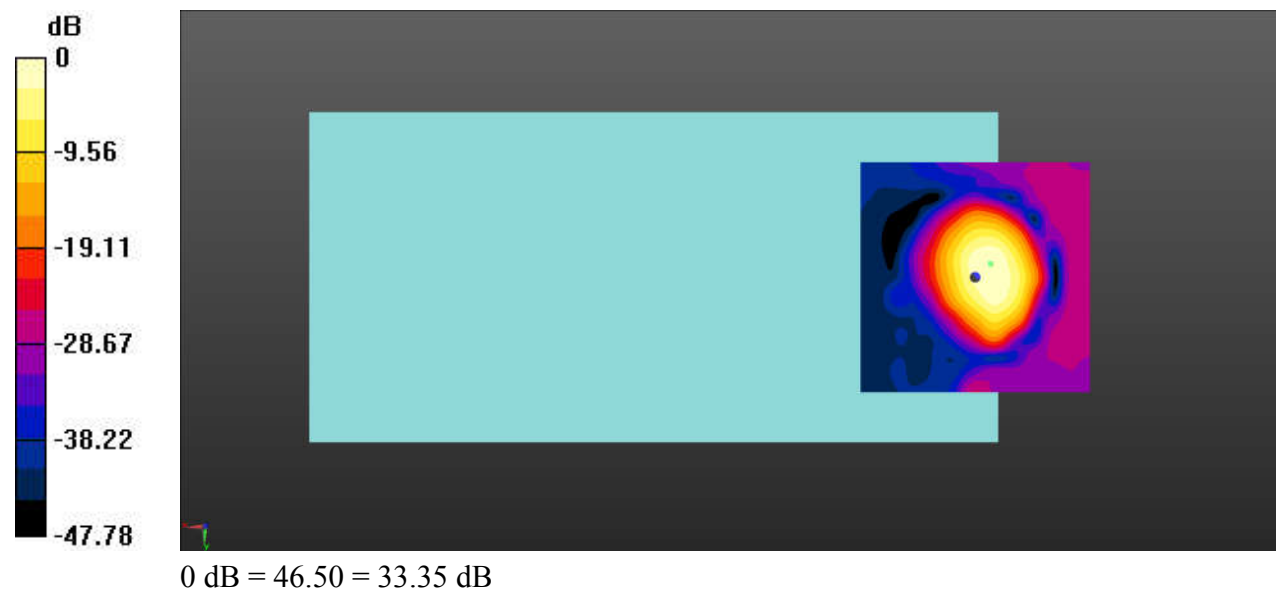
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.35 dB

ABM1 comp = -9.23 dBA/m

BWC Factor = 0.16 dB

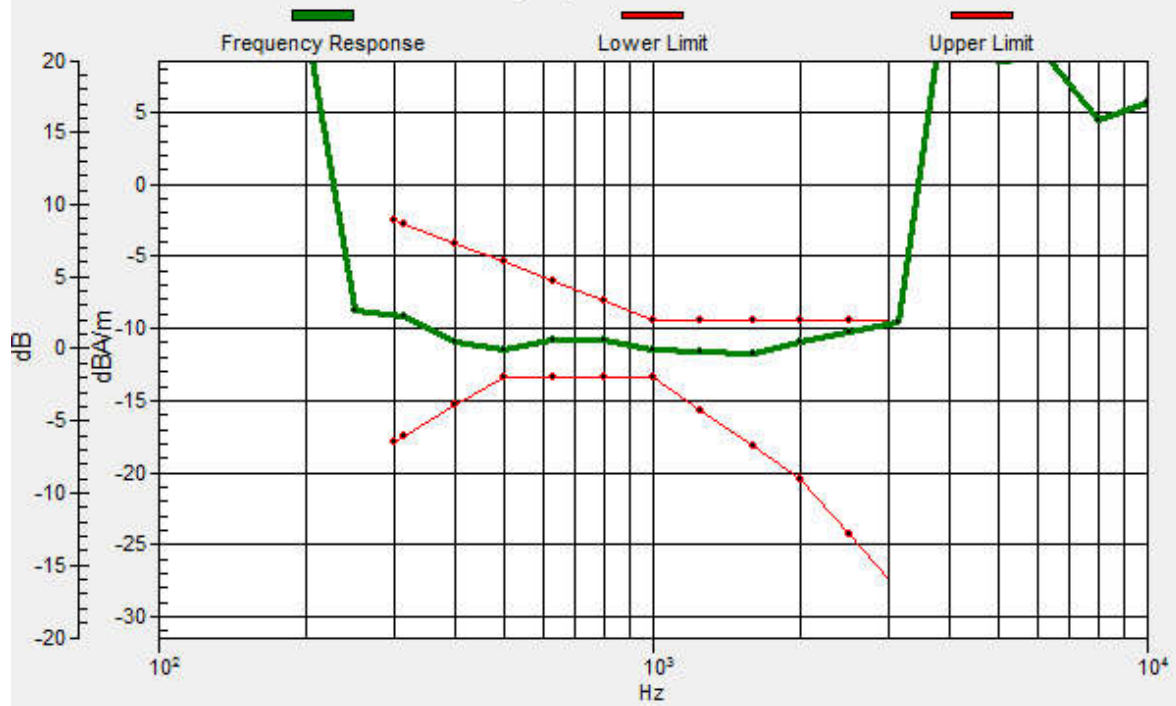
Location: -3.3, -2.9, 3.7 mm





# 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/m<sup>3</sup>  
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

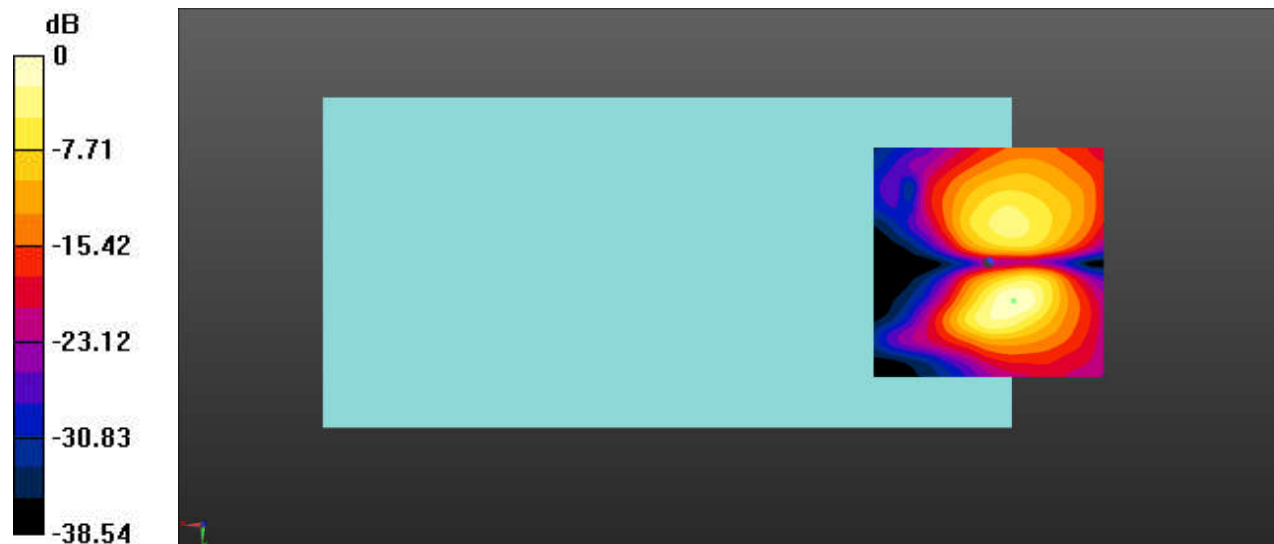
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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/m<sup>3</sup>

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)

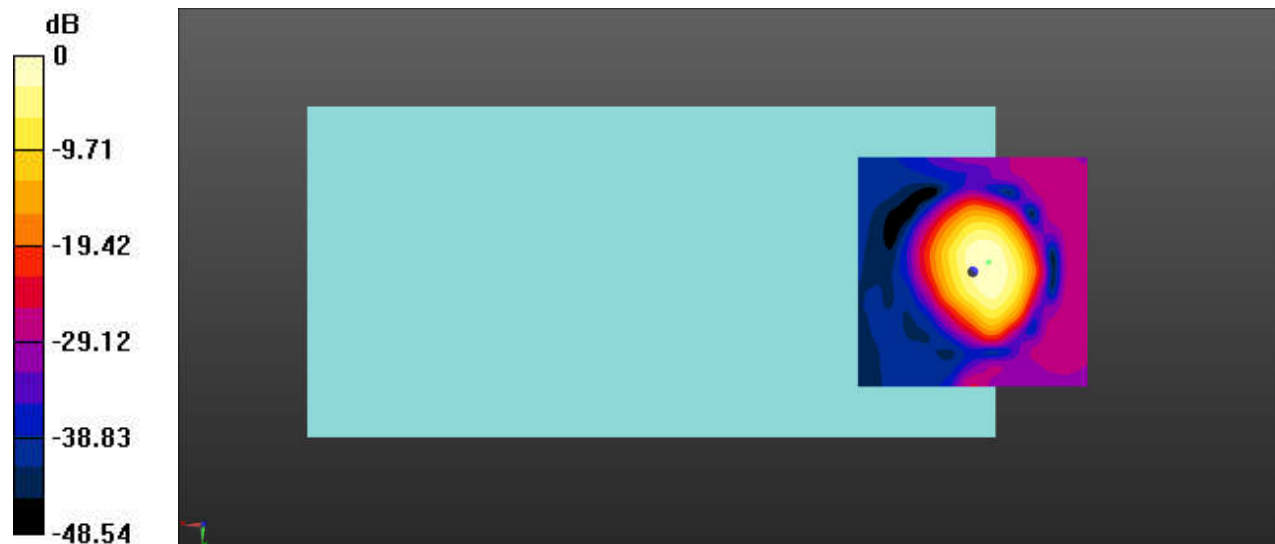
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.43 dB

ABM1 comp = -8.76 dBA/m

BWC Factor = 0.16 dB

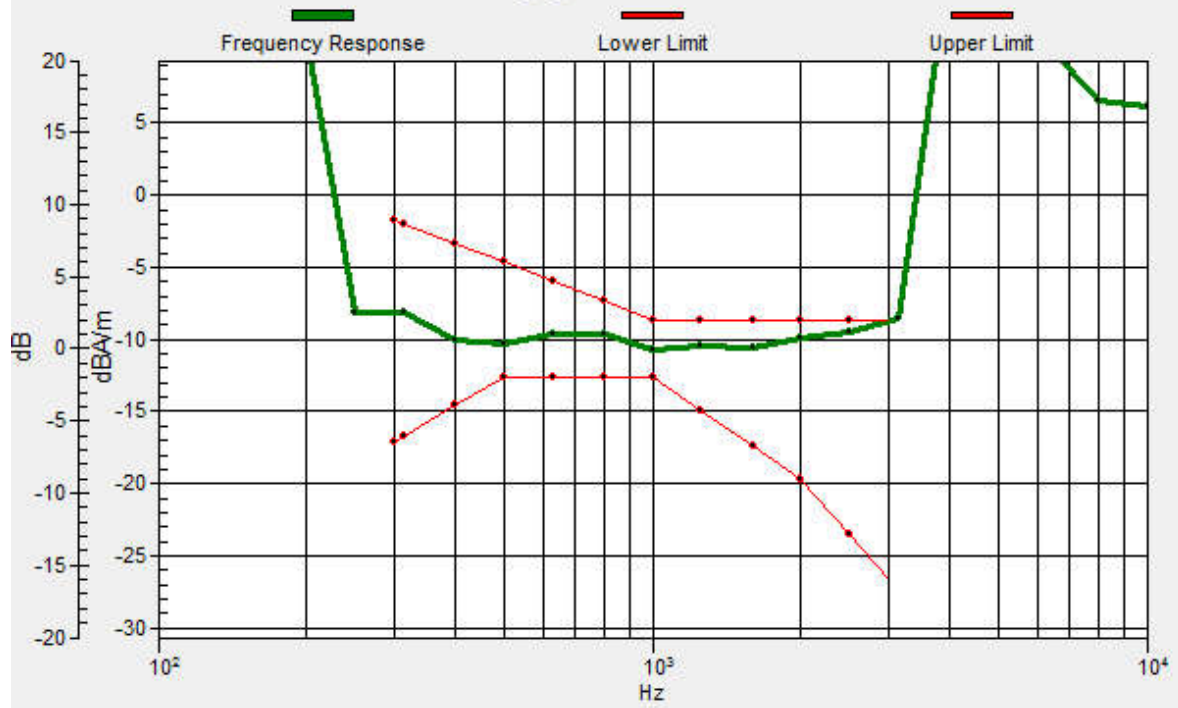
Location: -3.3, -2.1, 3.7 mm



0 dB = 46.95 = 33.43 dB

# 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/m<sup>3</sup>

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**

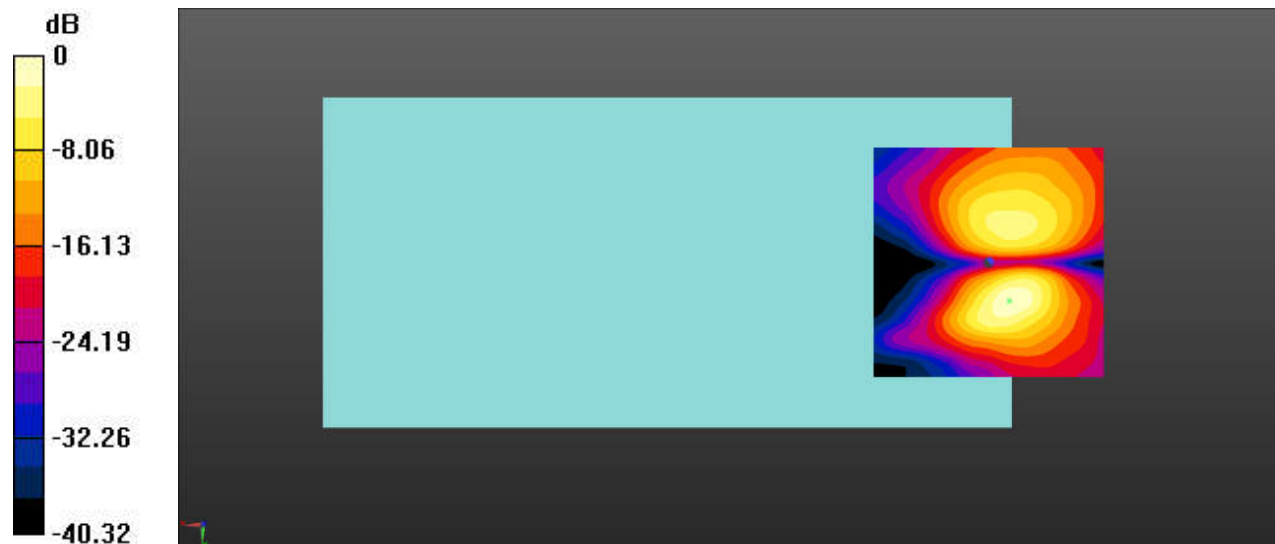
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.26 dB

ABM1 comp = -15.99 dBA/m

BWC Factor = 0.16 dB

Location: -4.6, 8.3, 3.7 mm



0 dB = 32.60 = 30.26 dB

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/m<sup>3</sup>  
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)

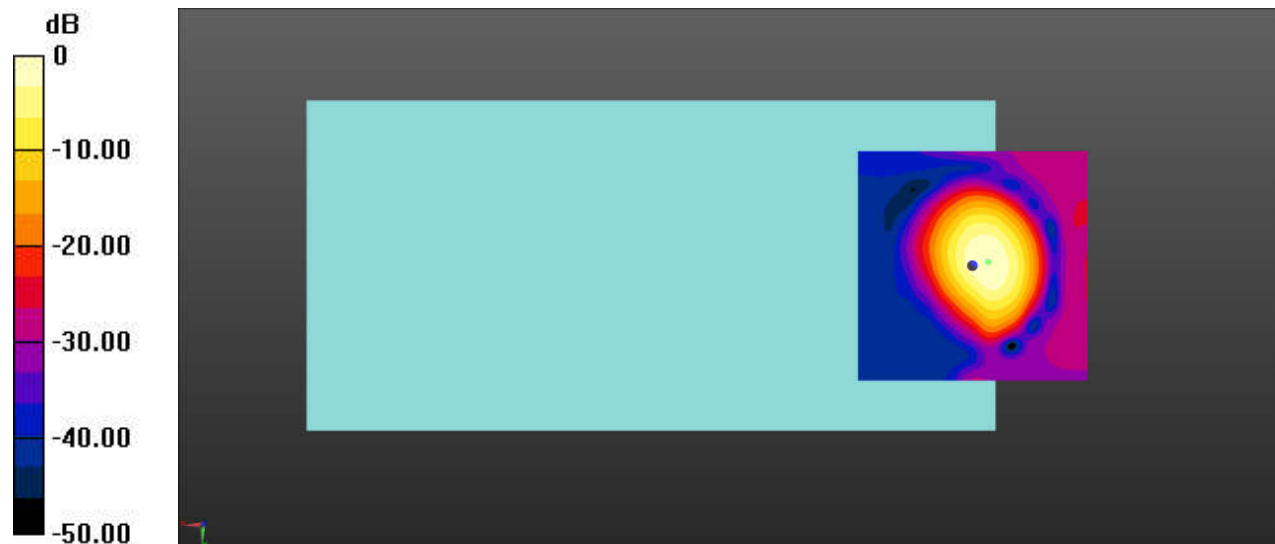
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 32.63 dB

ABM1 comp = -9.26 dBA/m

BWC Factor = 0.16 dB

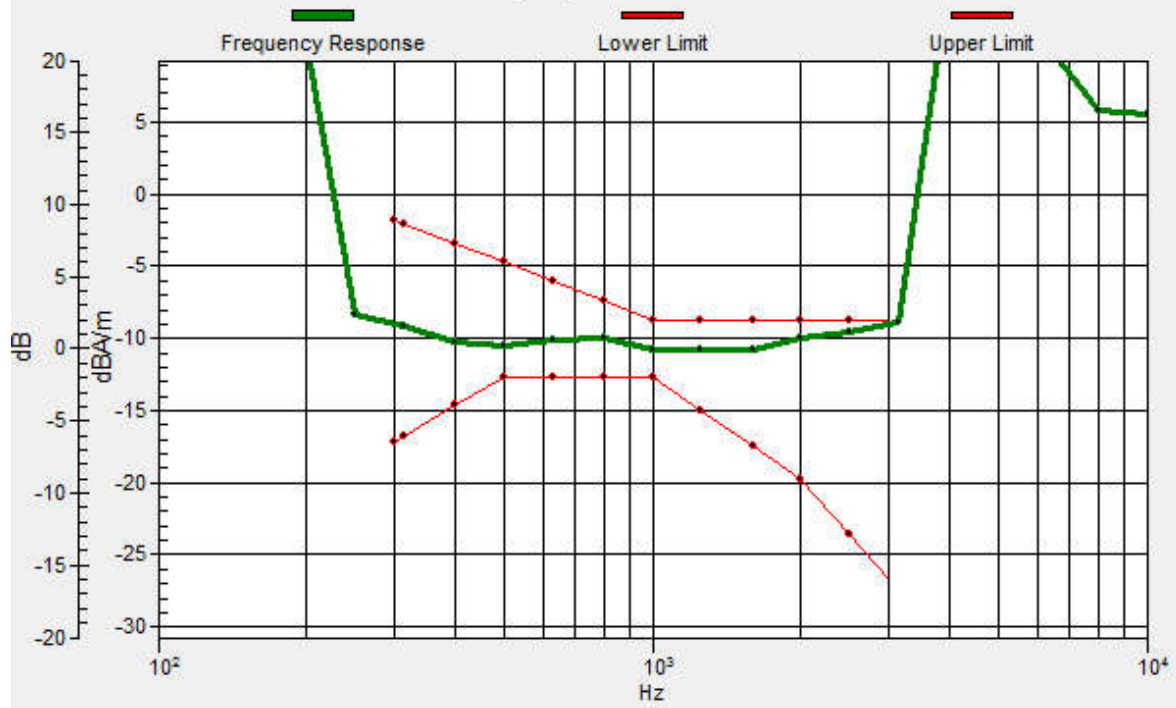
Location: -3.3, -0.8, 3.7 mm



0 dB = 42.82 = 32.63 dB

# 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/m<sup>3</sup>

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

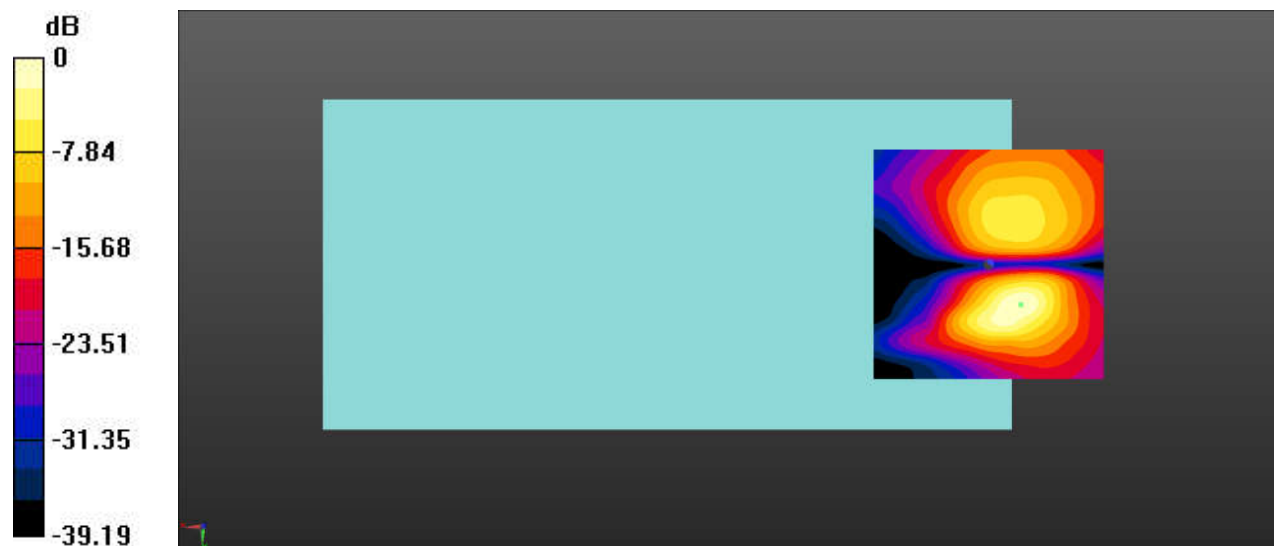
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.68 dB

ABM1 comp = -16.63 dBA/m

BWC Factor = 0.16 dB

Location: -7.1, 8.7, 3.7 mm



0 dB = 30.48 = 29.68 dB



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/m<sup>3</sup>

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)

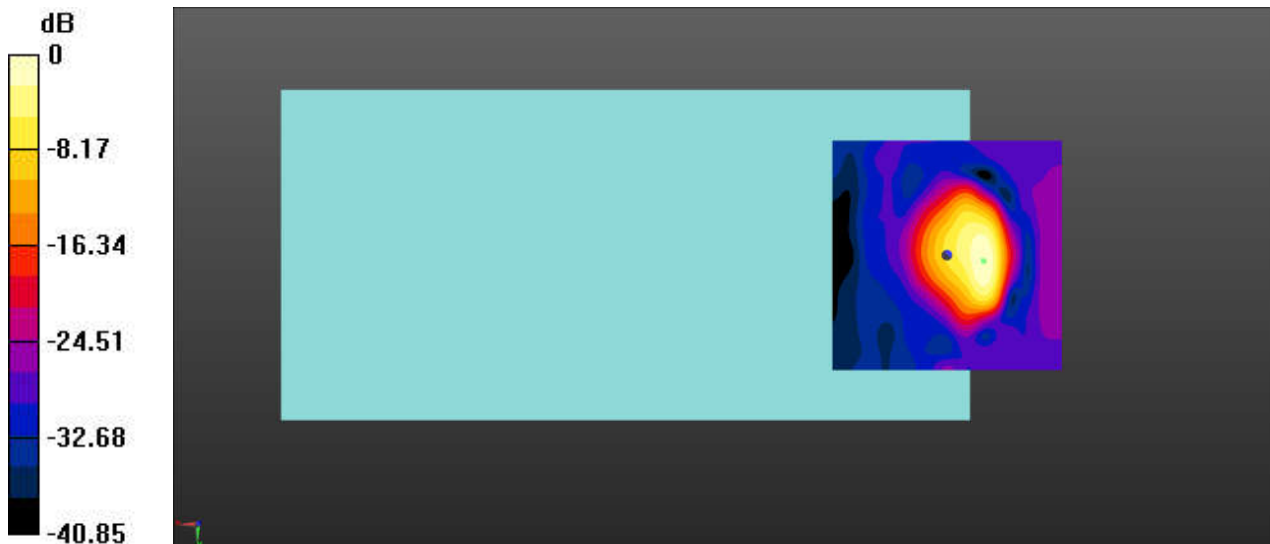
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.15 dB

ABM1 comp = -16.44 dBA/m

BWC Factor = 0.15 dB

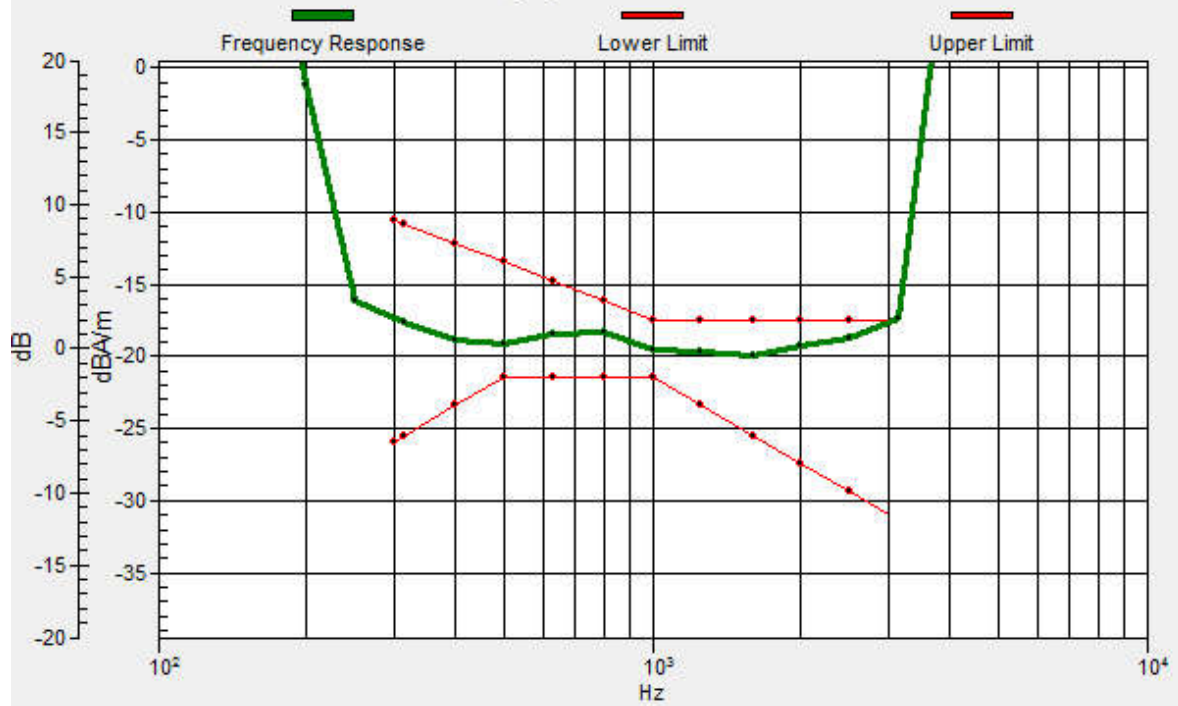
Location: -7.9, 1.2, 3.7 mm



0 dB = 25.54 = 28.15 dB

# 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/m<sup>3</sup>

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

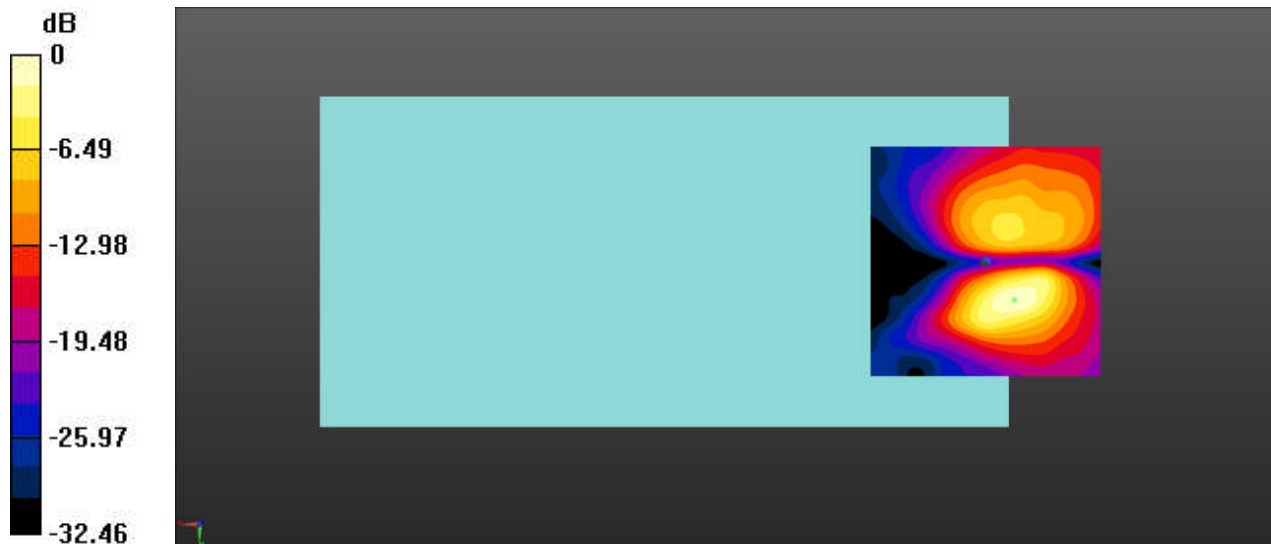
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 22.35 dB

ABM1 comp = -16.71 dBA/m

BWC Factor = 0.15 dB

Location: -6.2, 8.3, 3.7 mm



0 dB = 13.11 = 22.35 dB

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/m<sup>3</sup>

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)

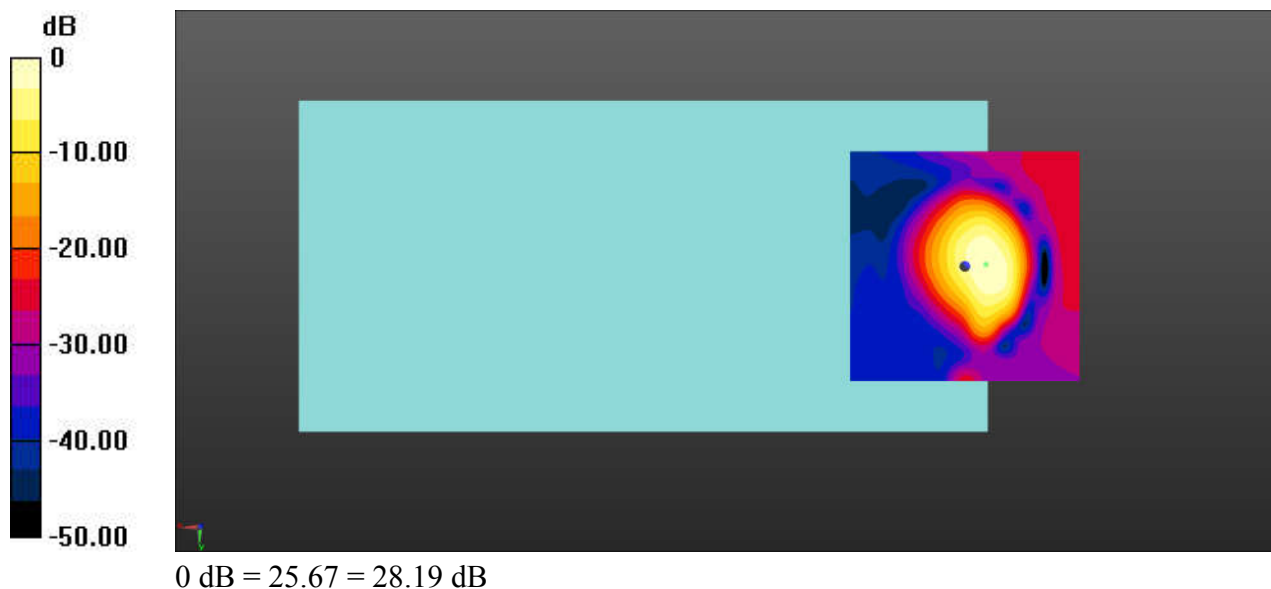
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.19 dB

ABM1 comp = -11.45 dBA/m

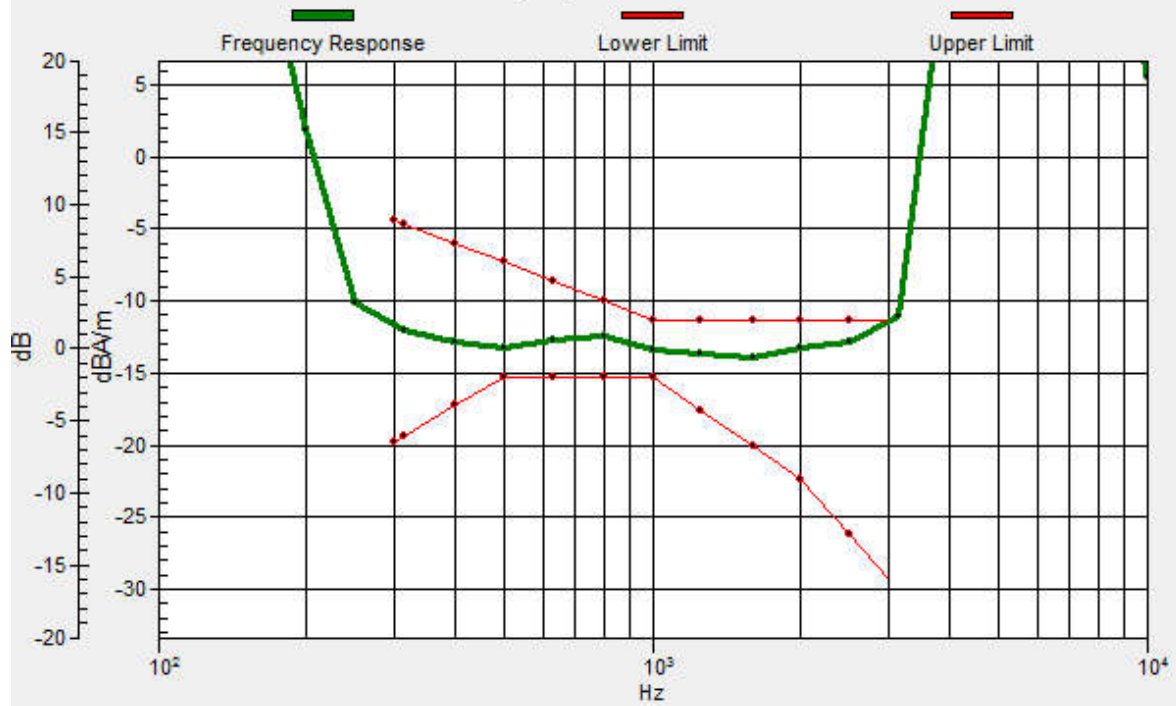
BWC Factor = 0.15 dB

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/m<sup>3</sup>

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

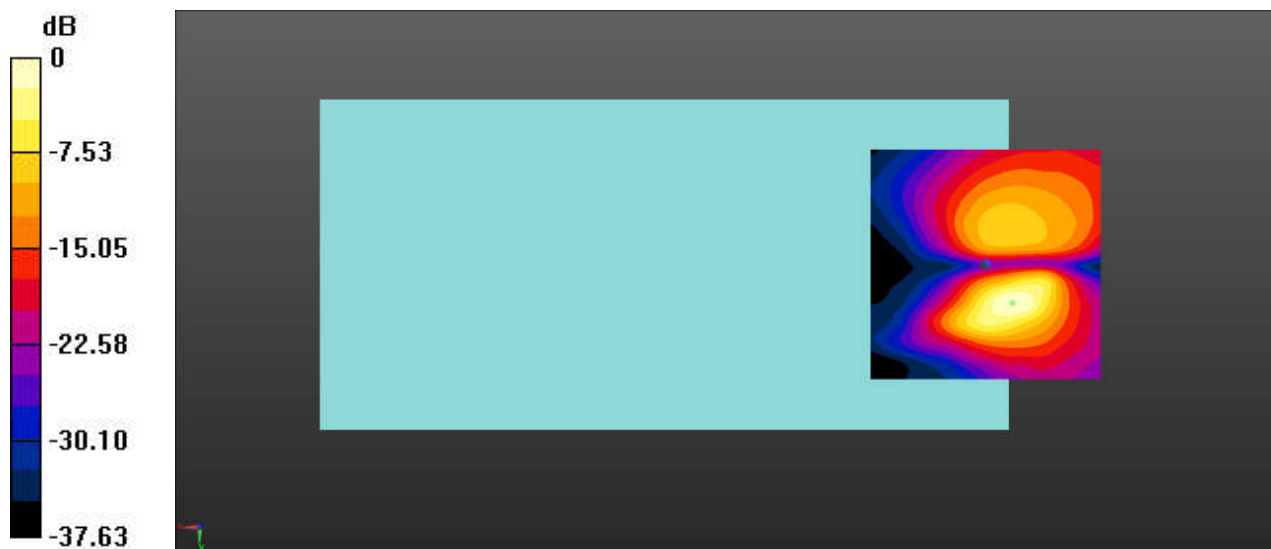
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 25.05 dB

ABM1 comp = -16.27 dBA/m

BWC Factor = 0.15 dB

Location: -5.8, 8.3, 3.7 mm



0 dB = 17.88 = 25.05 dB

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/m<sup>3</sup>

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)

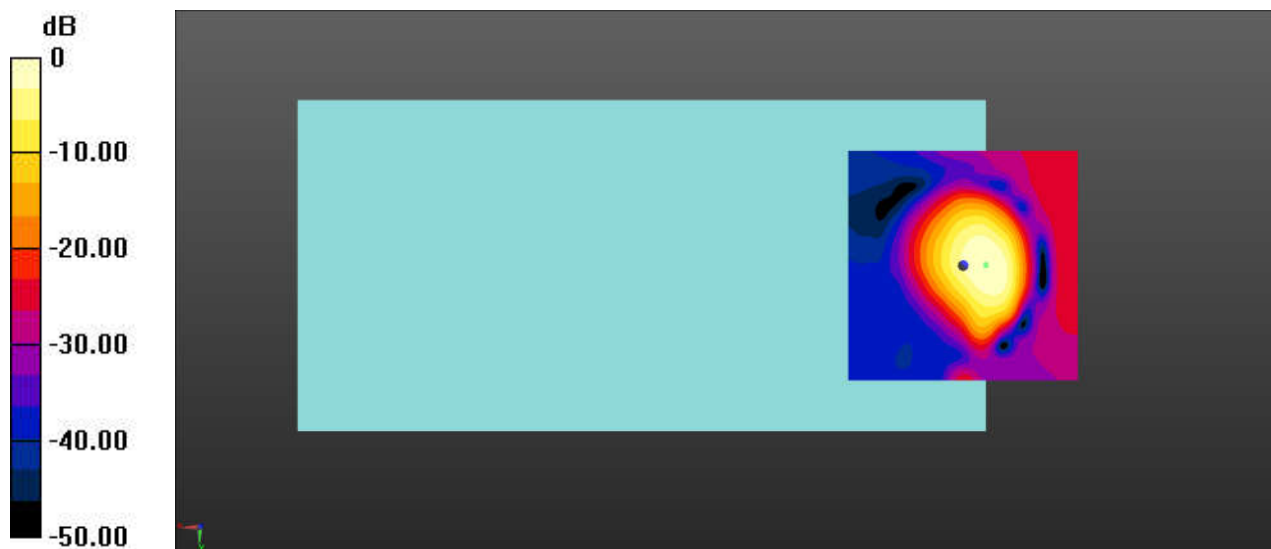
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.09 dB

ABM1 comp = -12.38 dBA/m

BWC Factor = 0.16 dB

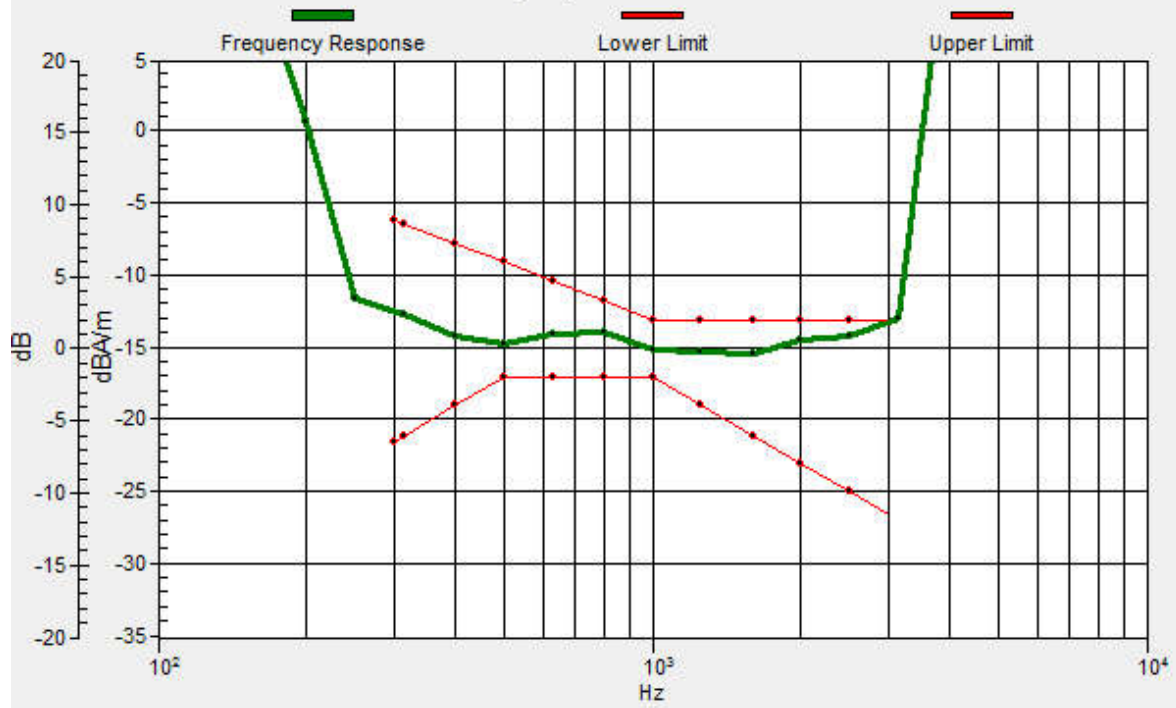
Location: -5, 0, 3.7 mm



0 dB = 28.49 = 29.09 dB

# 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/m<sup>3</sup>

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

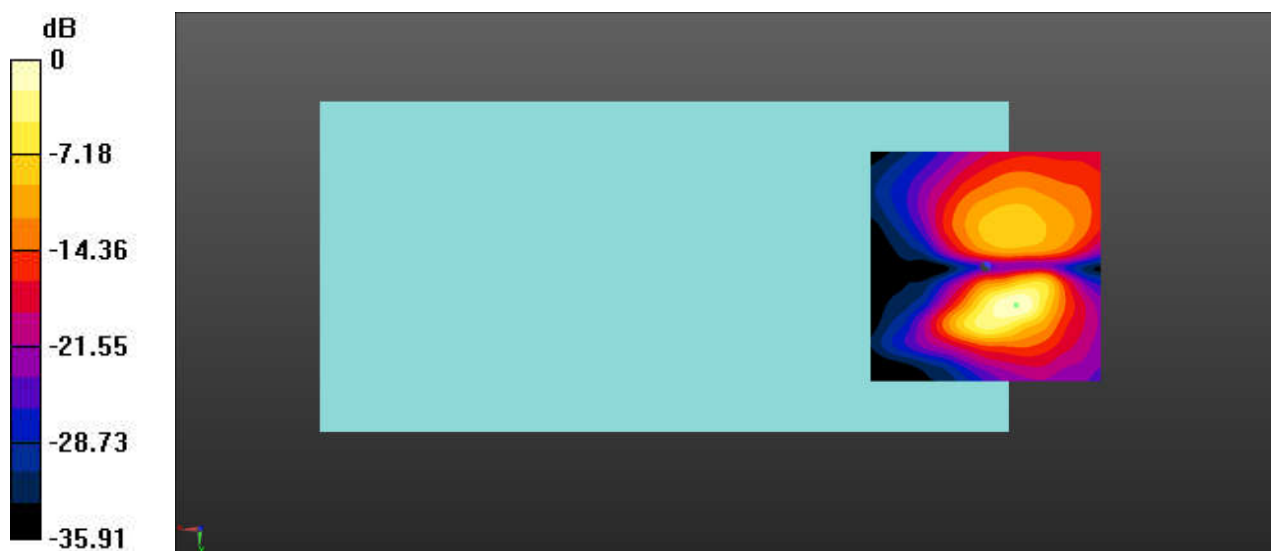
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 26.11 dB

ABM1 comp = -17.56 dBA/m

BWC Factor = 0.16 dB

Location: -6.7, 8.3, 3.7 mm



0 dB = 20.21 = 26.11 dB

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/m<sup>3</sup>

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)

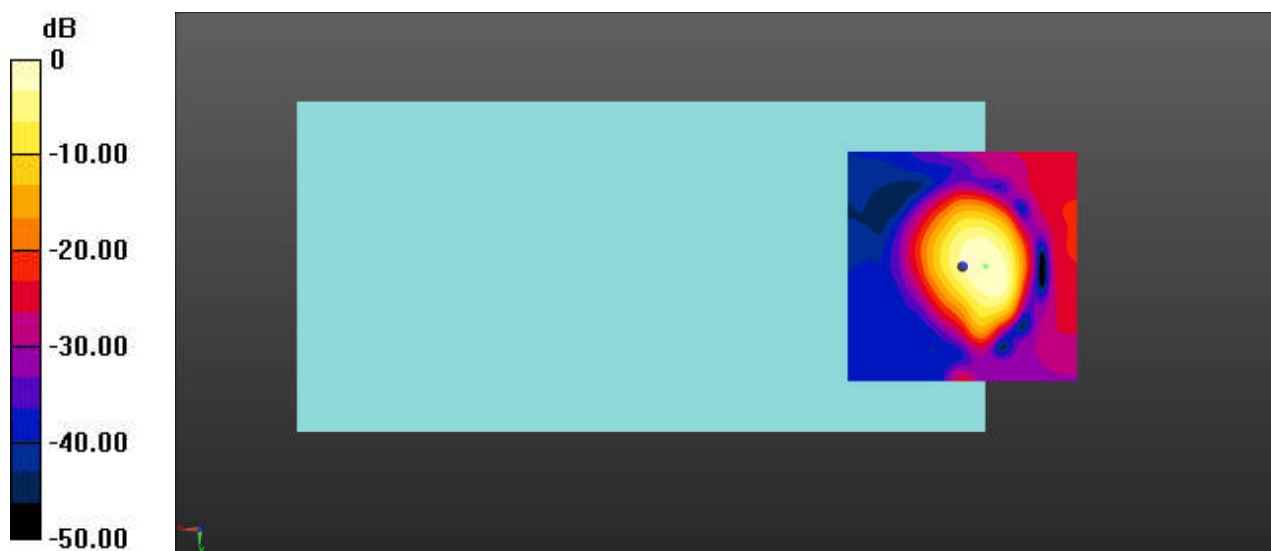
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.80 dB

ABM1 comp = -12.42 dBA/m

BWC Factor = 0.15 dB

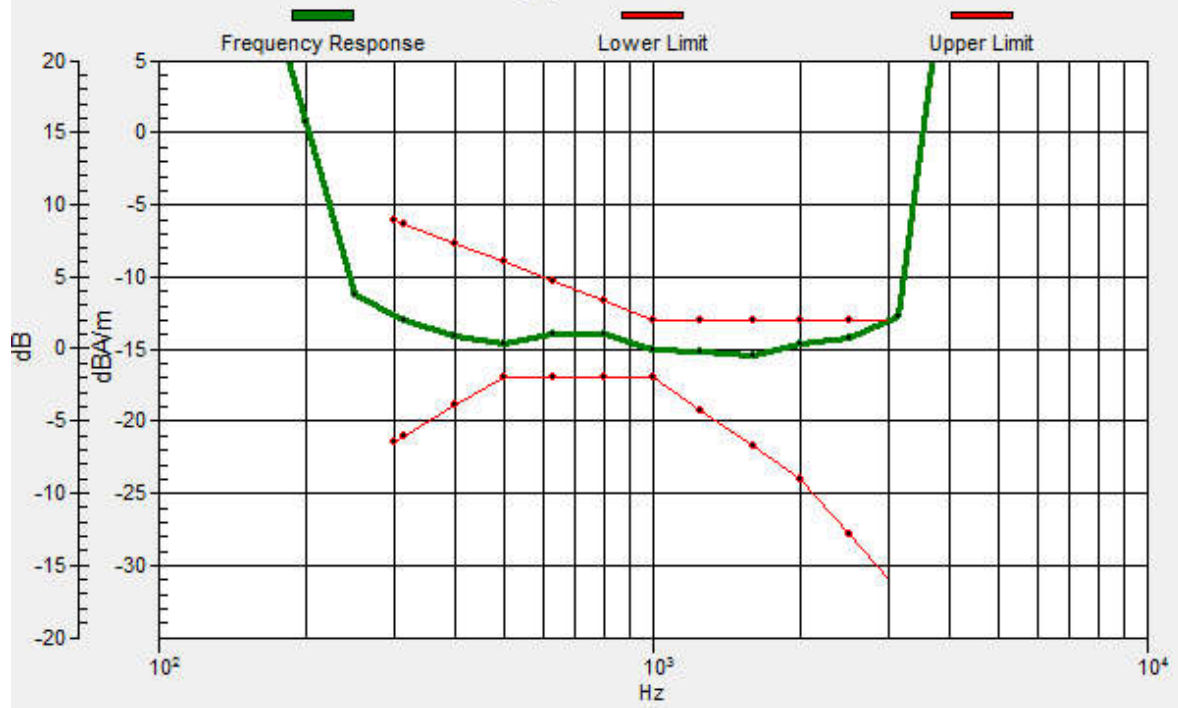
Location: -5, 0, 3.7 mm



0 dB = 27.53 = 28.80 dB

# 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/m<sup>3</sup>

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

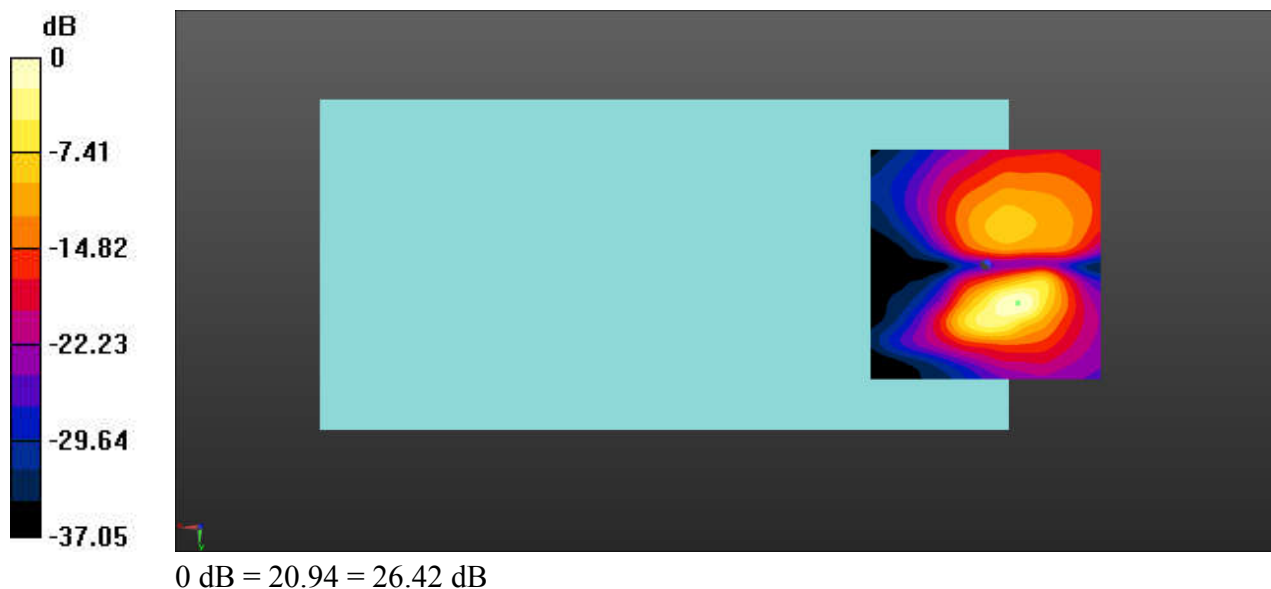
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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/m<sup>3</sup>

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)

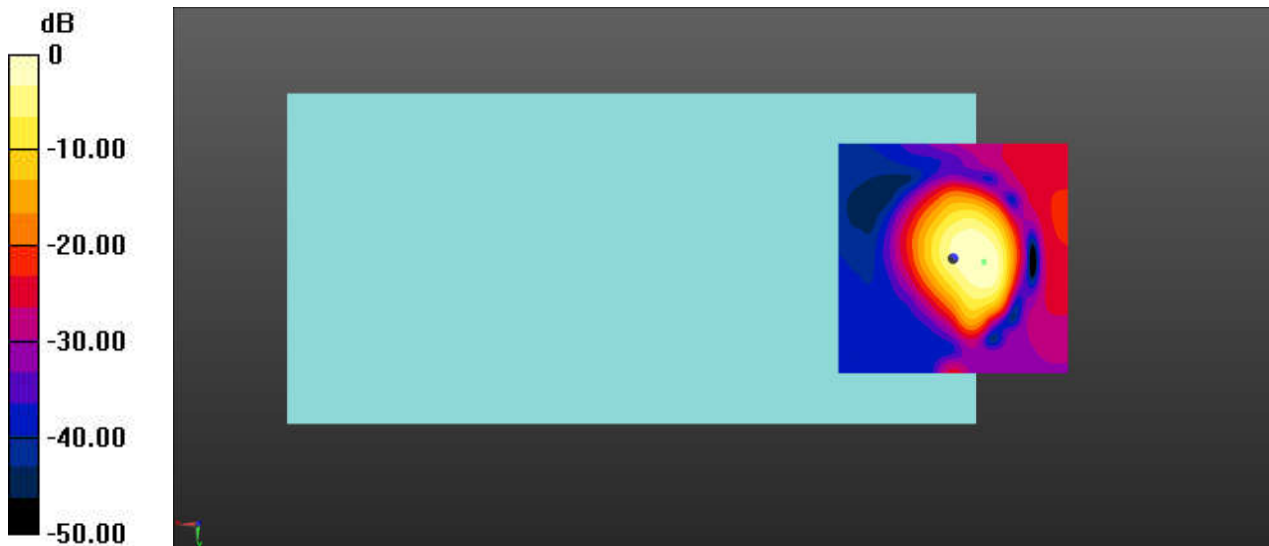
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.70 dB

ABM1 comp = -15.47 dBA/m

BWC Factor = 0.15 dB

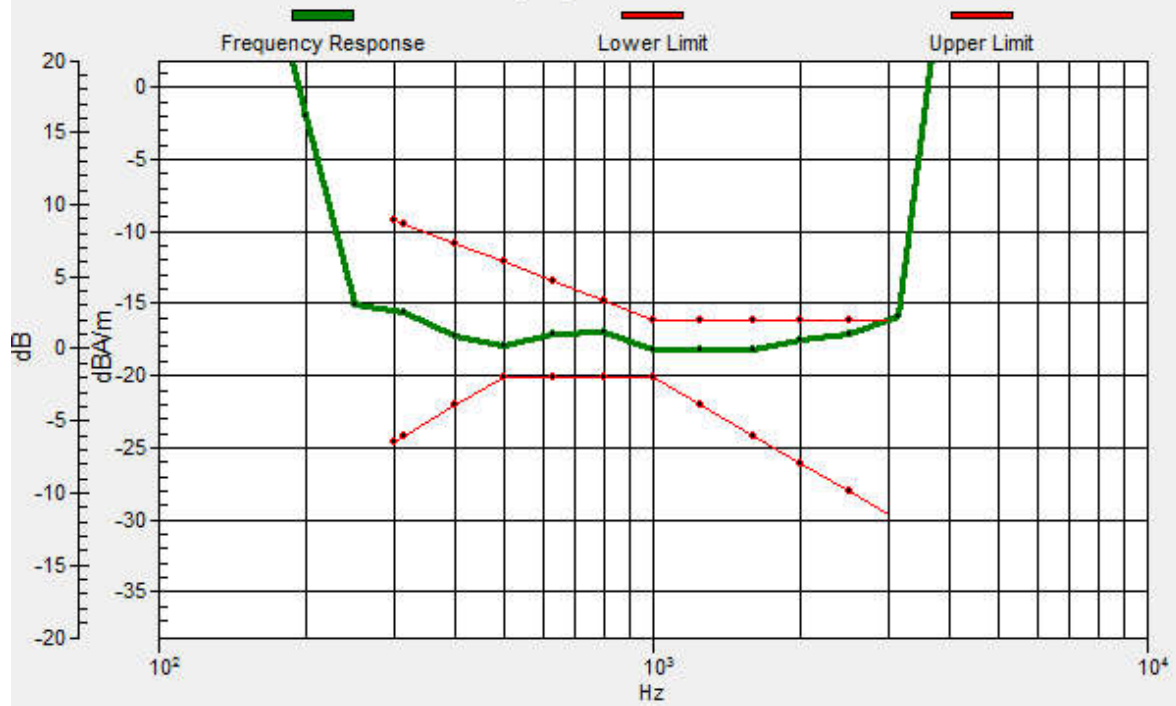
Location: -6.7, 0.8, 3.7 mm



0 dB = 27.22 = 28.70 dB

# 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/m<sup>3</sup>

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**

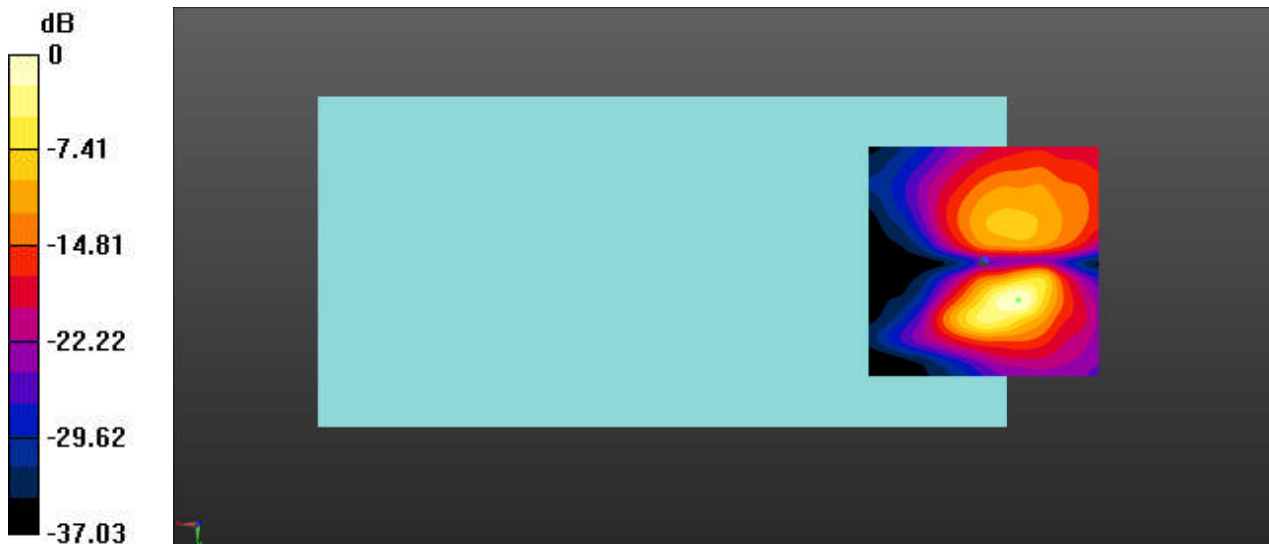
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 26.68 dB

ABM1 comp = -17.17 dBA/m

BWC Factor = 0.15 dB

Location: -7.5, 8.3, 3.7 mm



0 dB = 21.58 = 26.68 dB

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/m<sup>3</sup>

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)**

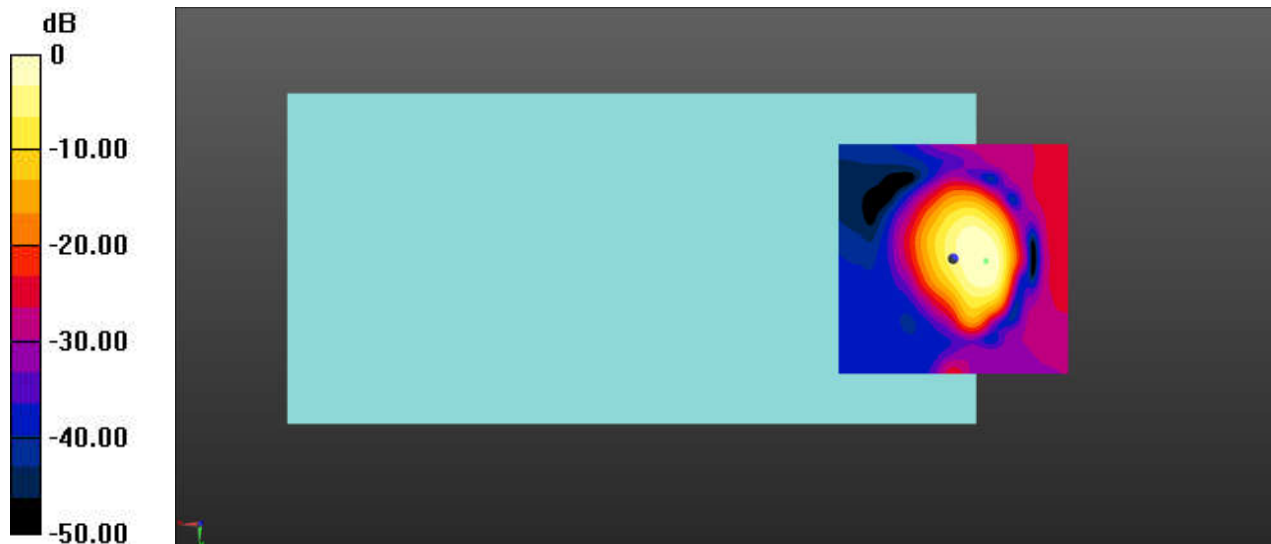
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.90 dB

ABM1 comp = -15.30 dBA/m

BWC Factor = 0.15 dB

Location: -7.1, 0.4, 3.7 mm

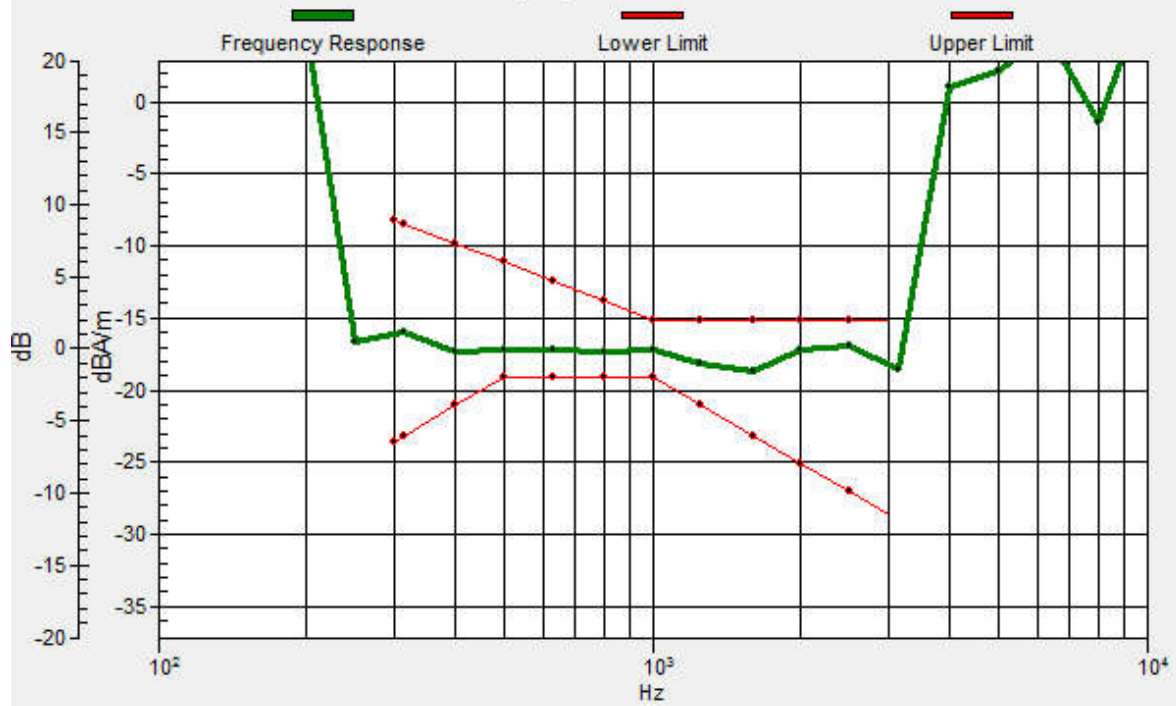


0 dB = 27.86 = 28.90 dB



# 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/m<sup>3</sup>

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**

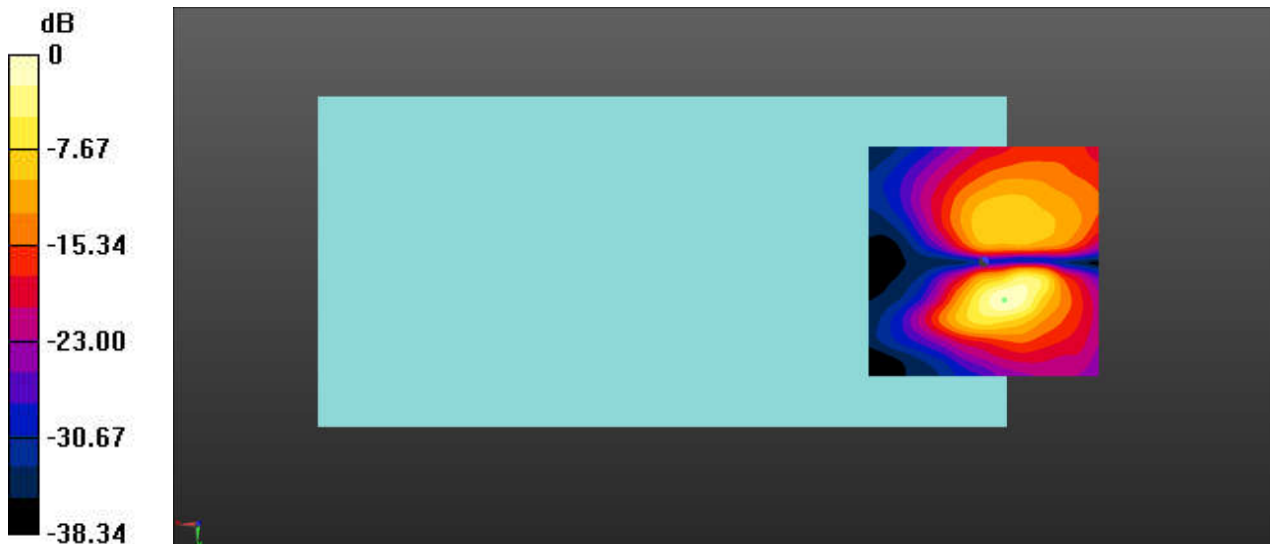
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 25.76 dB

ABM1 comp = -17.34 dBA/m

BWC Factor = 0.15 dB

Location: -4.6, 8.3, 3.7 mm



0 dB = 19.42 = 25.76 dB

Test Laboratory: SGS-SAR Lab

## P55Max HAC-T-Coil-LTE Band 71 20M QPSK 100RB0 133297CH

**DUT: P55Max; Type: Smart Phone; Serial: XMOX552211011030**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 680.5 MHz;Duty Cycle: 1:1

Medium: Air;Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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)

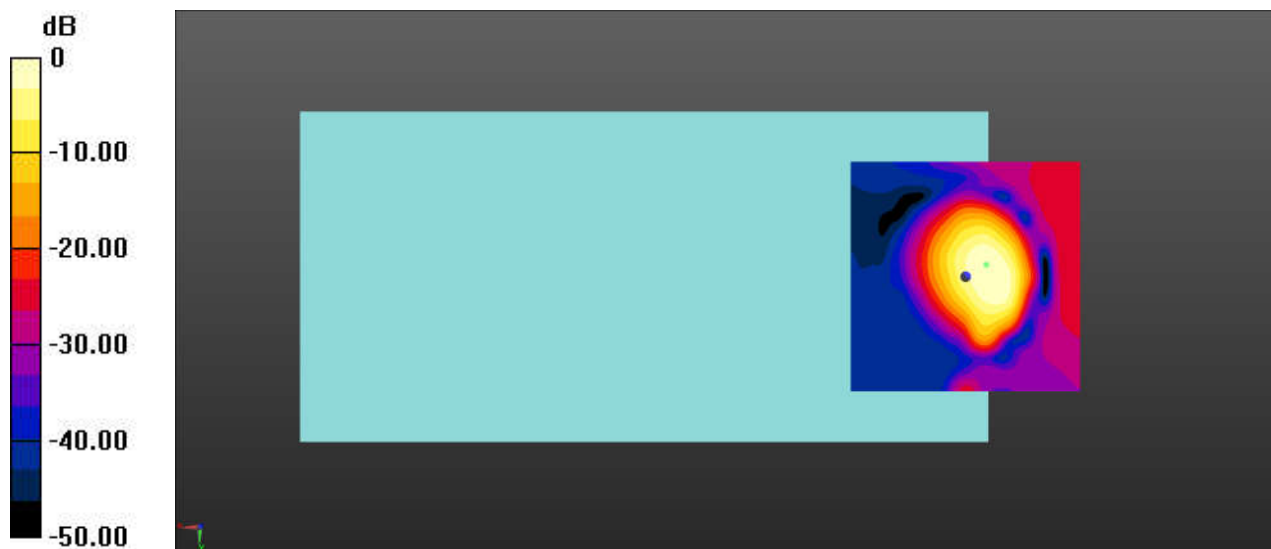
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.56 dB

ABM1 comp = -11.28 dBA/m

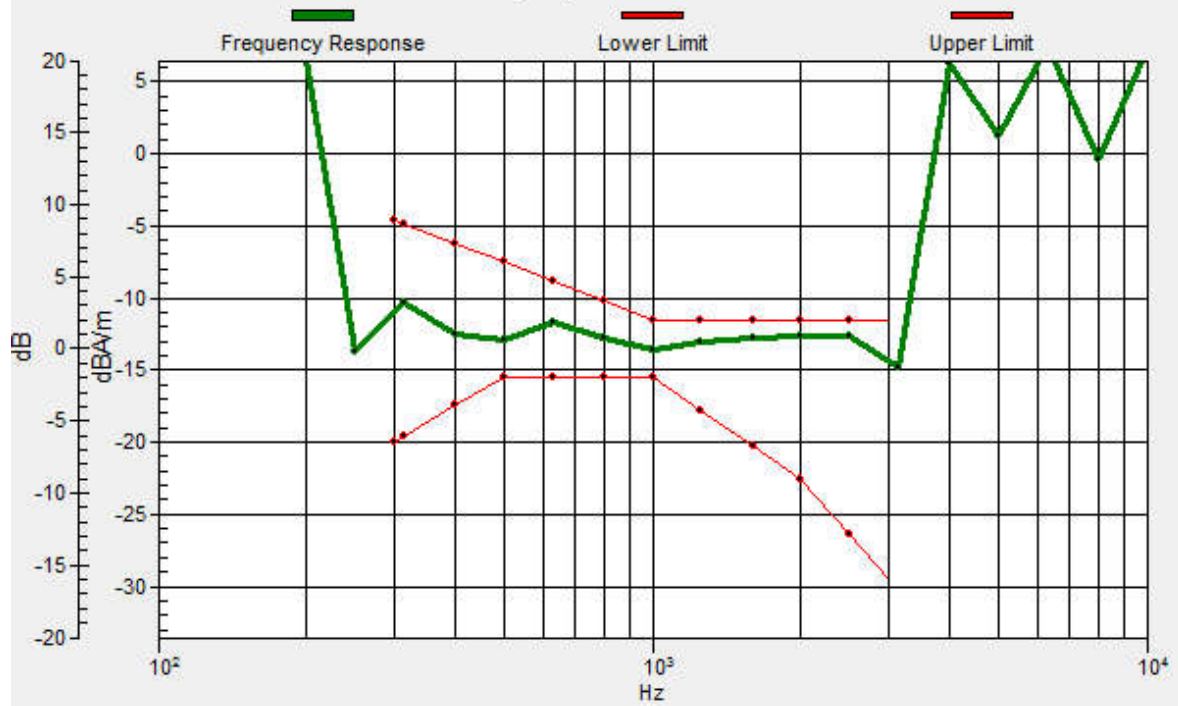
BWC Factor = 0.15 dB

Location: -4.6, -2.5, 3.7 mm



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

Loc: -4.4, -2.6, 3.7 mm Diff: 1.08dB



Test Laboratory: SGS-SAR Lab

## P55Max HAC-T-Coil-LTE Band 71 20M QPSK 100RB0 133297CH

**DUT: P55Max; Type: Smart Phone; Serial: XMOX552211011030**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 680.5 MHz;Duty Cycle: 1:1

Medium: Air;Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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

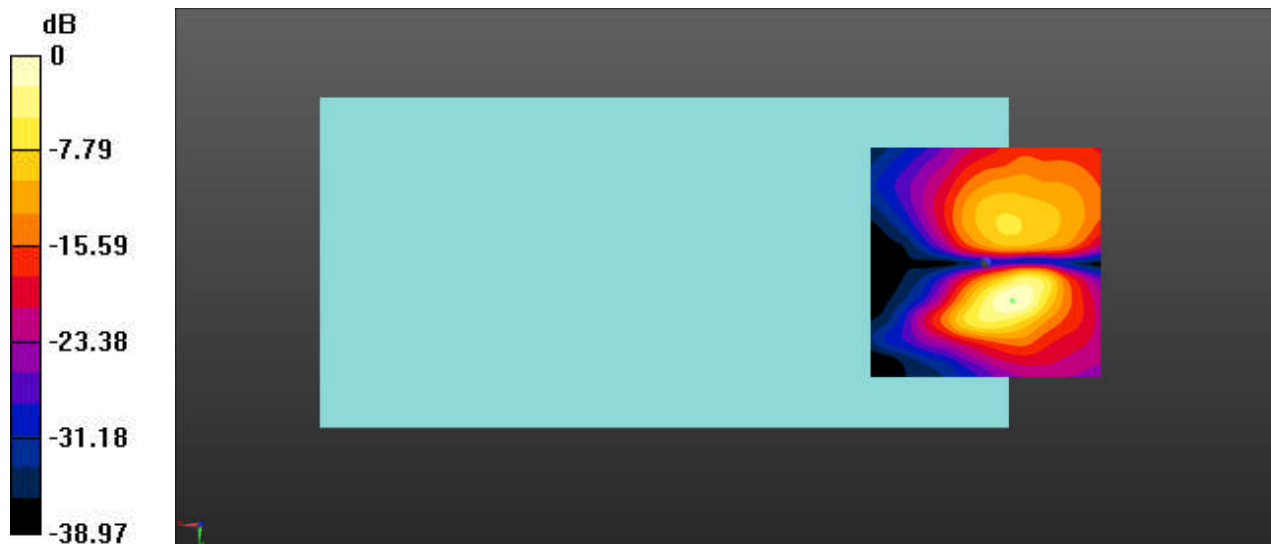
**(x,y,z) (121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 26.21 dB

ABM1 comp = -15.92 dBA/m

BWC Factor = 0.15 dB

Location: -5.8, 8.3, 3.7 mm



0 dB = 20.44 = 26.21 dB

Test Laboratory: SGS-SAR Lab

## P55Max HAC-T-Coil-LTE Band 41 20M QPSK 100RB0 40807CH

**DUT: P55Max; Type: Smart Phone; Serial: XMOX552211011030**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2611.7 MHz;Duty Cycle: 1:1.58

Medium: Air;Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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)

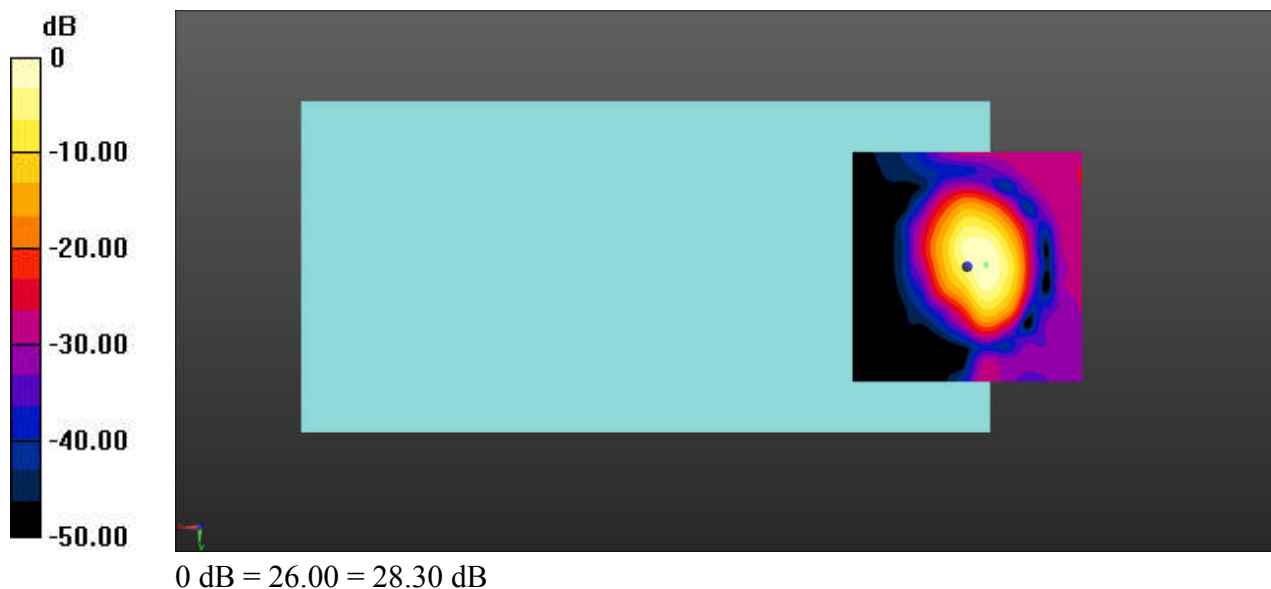
**(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.30 dB

ABM1 comp = -5.89 dBA/m

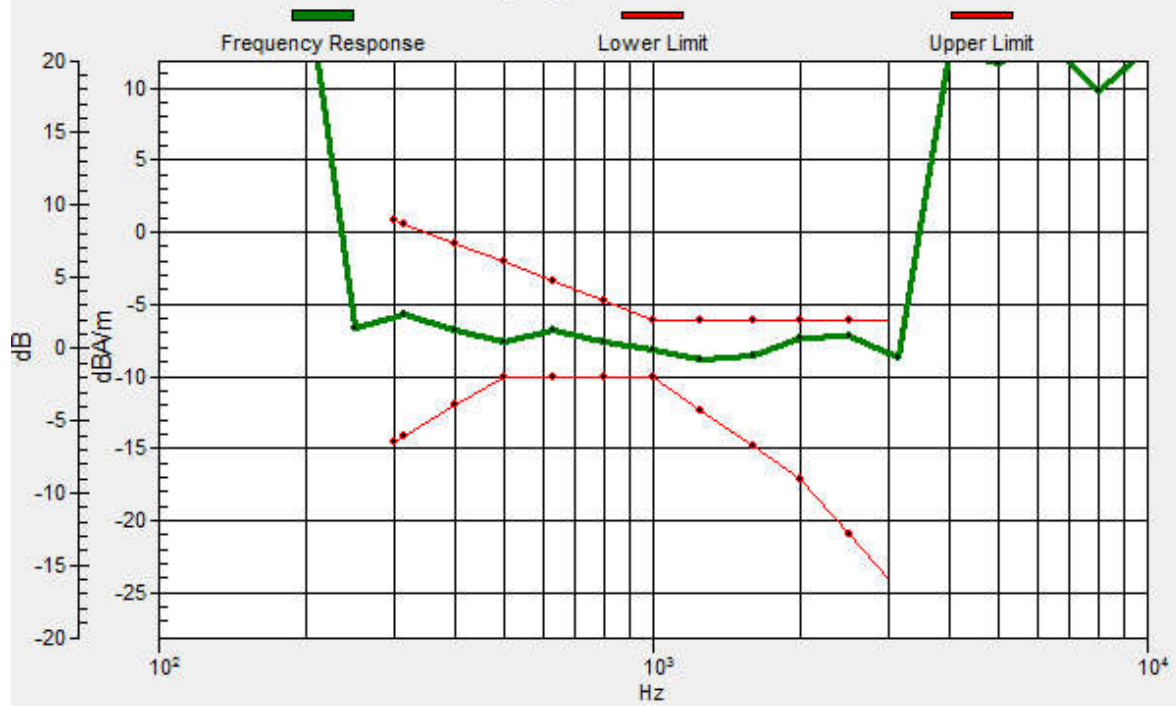
BWC Factor = 0.16 dB

Location: -4.2, -0.4, 3.7 mm



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

Loc: -4, -0.5, 3.7 mm Diff: 1.08dB



Test Laboratory: SGS-SAR Lab

## P55Max HAC-T-Coil-LTE Band 41 20M QPSK 100RB0 40807CH

**DUT: P55Max; Type: Smart Phone; Serial: XMOX552211011030**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2611.7 MHz;Duty Cycle: 1:1.58

Medium: Air;Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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 = 20.16 dB

ABM1 comp = -14.24 dBA/m

BWC Factor = 0.16 dB

Location: -5, 12.5, 3.7 mm

