

Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-LTE Band 48 20M QPSK 1RB0 55830CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3609 MHz;Duty Cycle: 1:8.33681

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

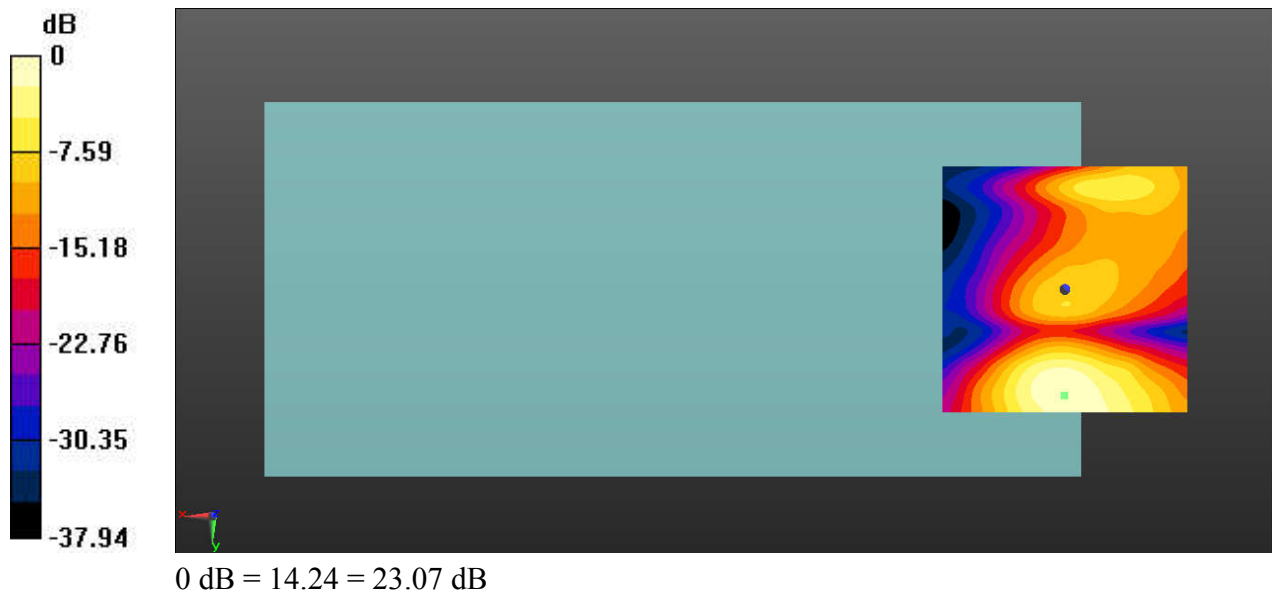
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 23.07 dB

ABM1 comp = -12.68 dBA/m

BWC Factor = 0.03 dB

Location: 0, 21.7, 3.7 mm



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 2.4G 802.11b 6CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

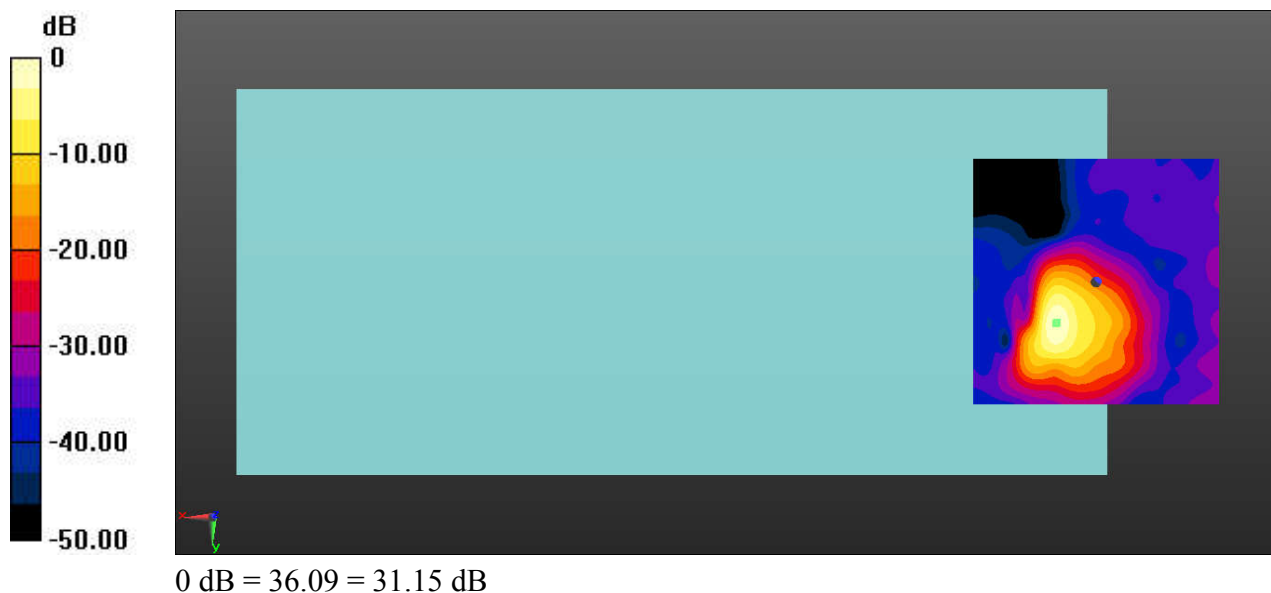
**T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)
(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.15 dB

ABM1 comp = -2.56 dBA/m

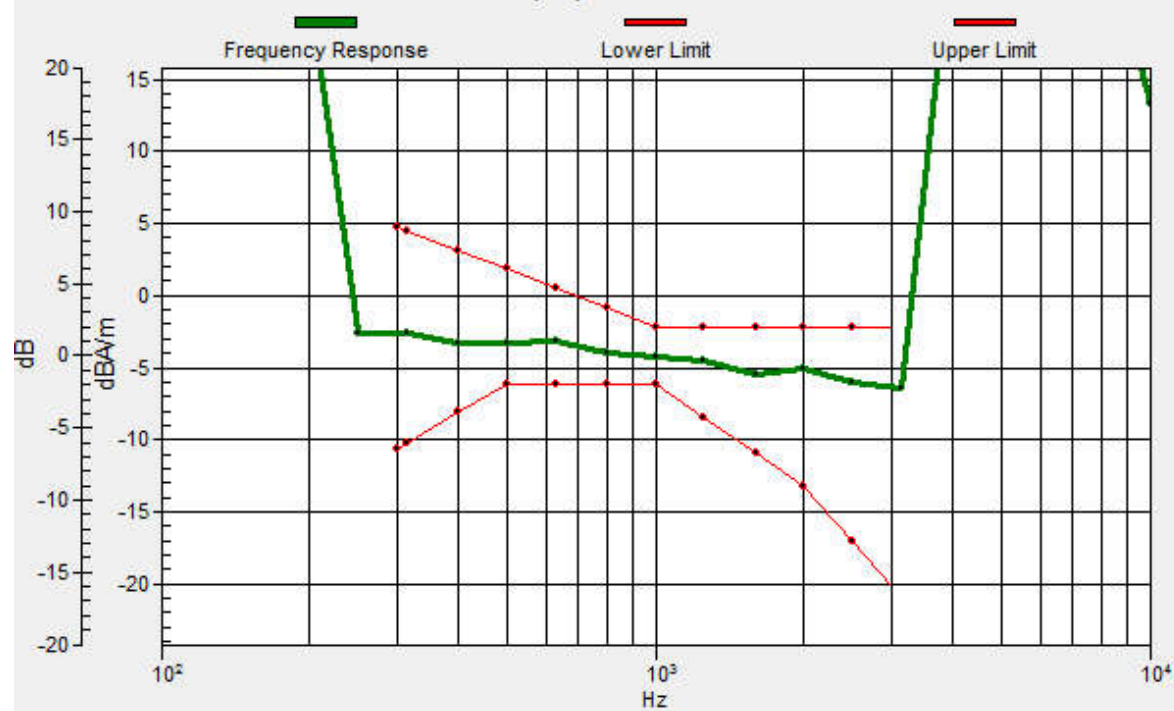
BWC Factor = 0.04 dB

Location: 7.9, 8.3, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 8.1, 8.5, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 2.4G 802.11b 6CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

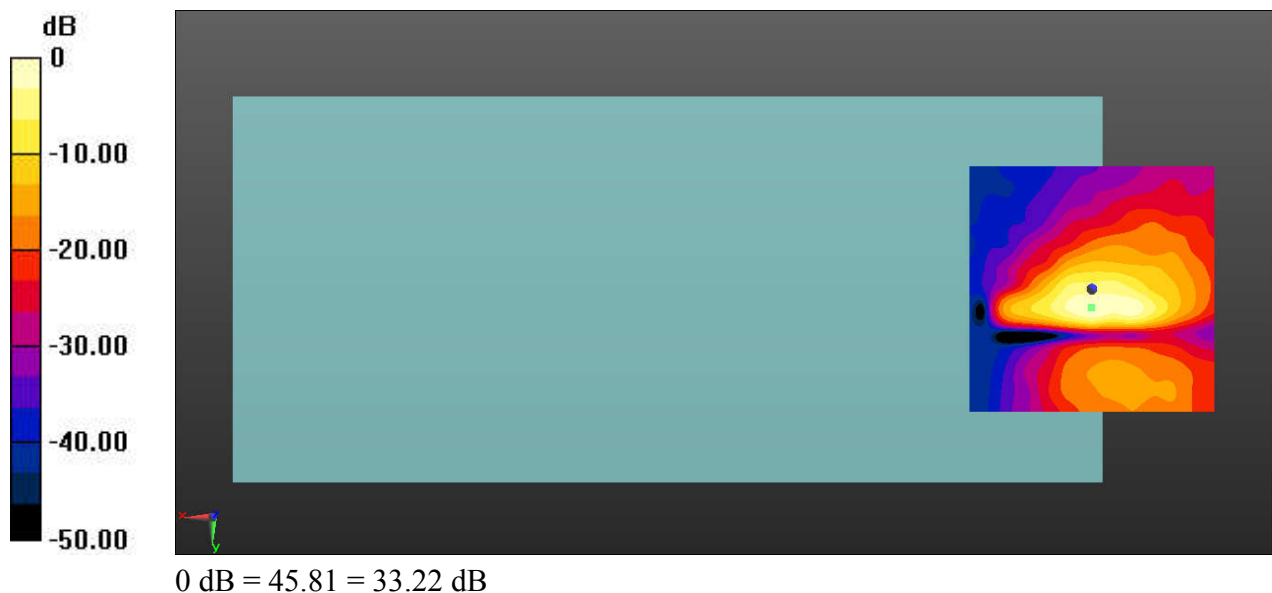
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.22 dB

ABM1 comp = -12.20 dBA/m

BWC Factor = 0.04 dB

Location: 0, 3.7, 3.7 mm



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 40CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

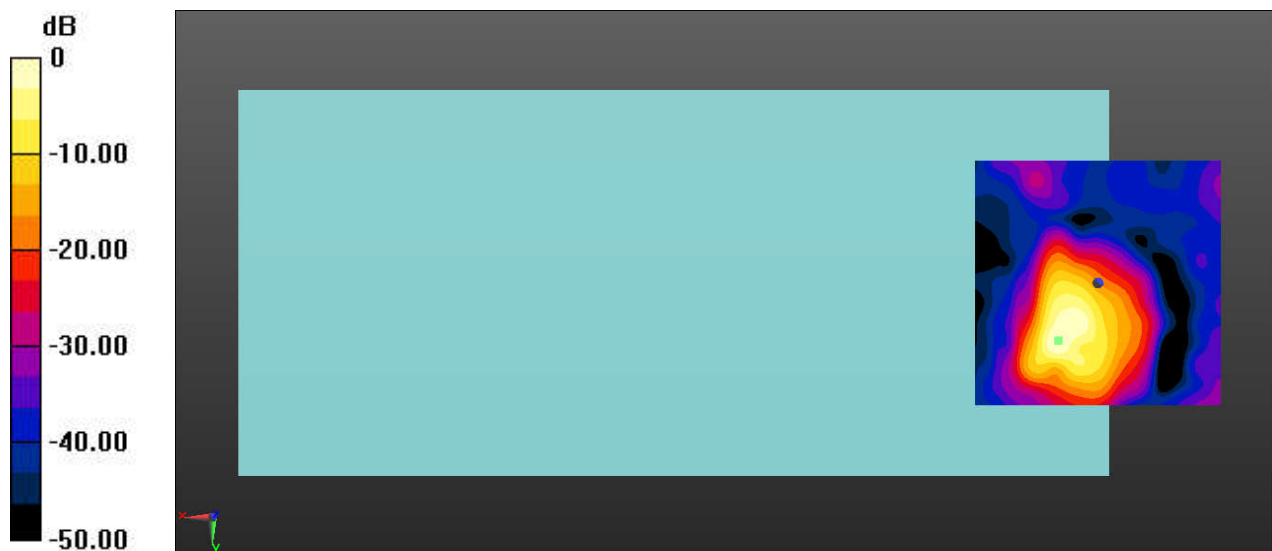
T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 37.78 dB

ABM1 comp = -3.31 dBA/m

BWC Factor = 0.03 dB

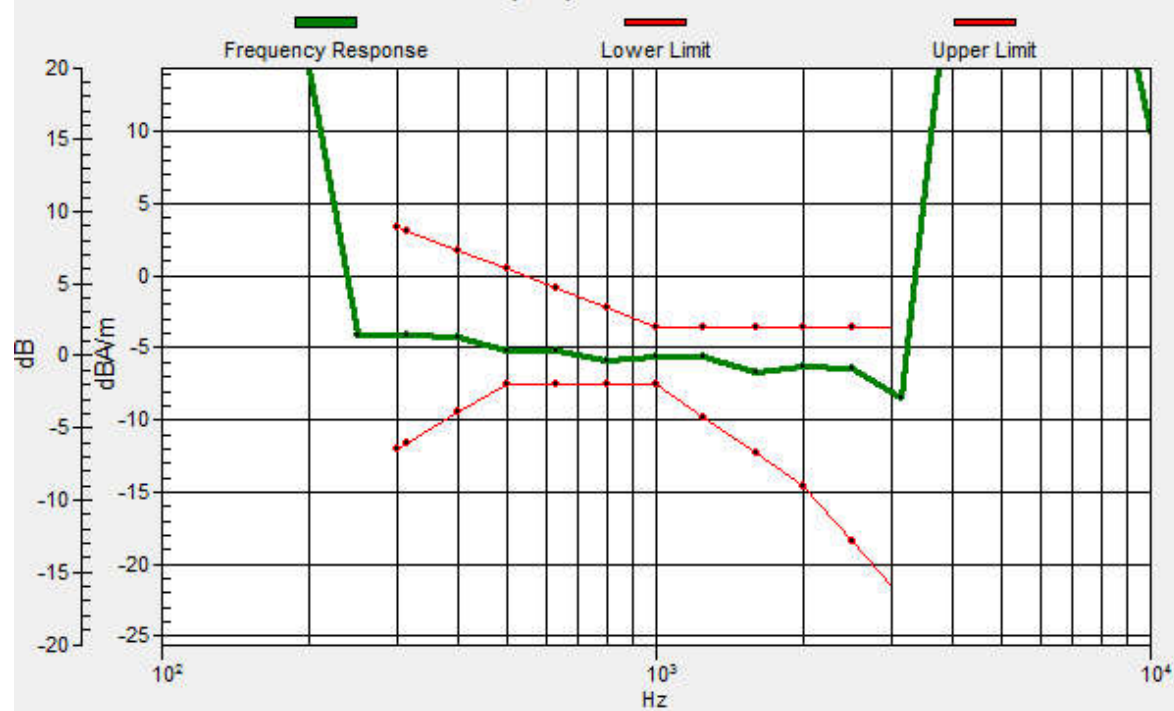
Location: 7.9, 11.7, 3.7 mm



0 dB = 77.49 = 37.78 dB

General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 8.1, 11.8, 3.7 mm Diff: 1.65dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 40CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

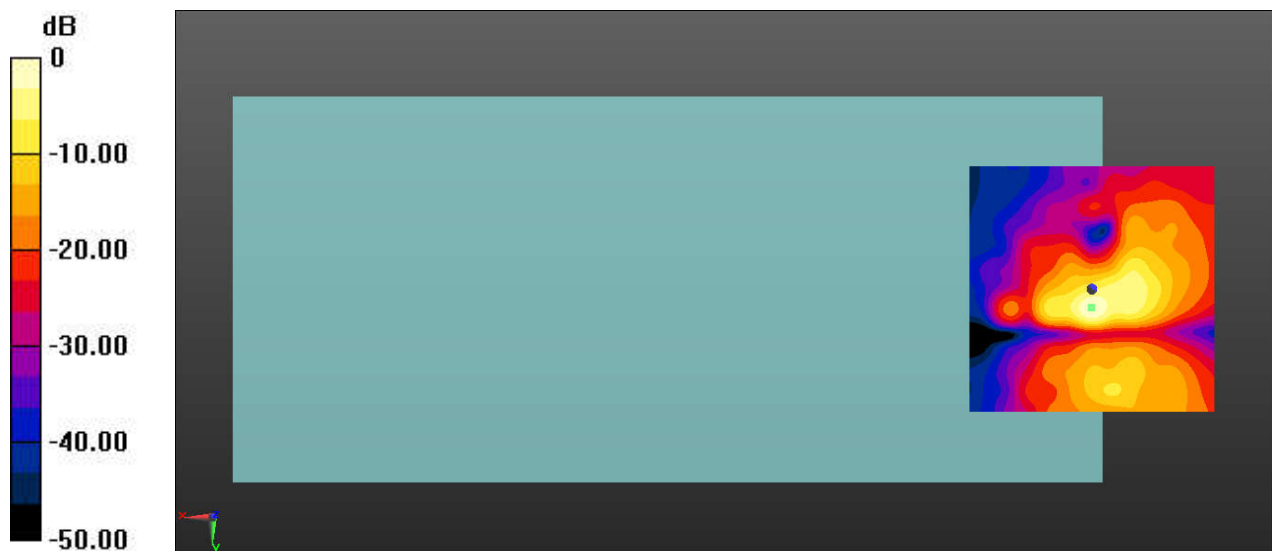
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 37.43 dB

ABM1 comp = -12.30 dBA/m

BWC Factor = 0.03 dB

Location: 0, 3.7, 3.7 mm



0 dB = 74.40 = 37.43 dB

Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 60CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

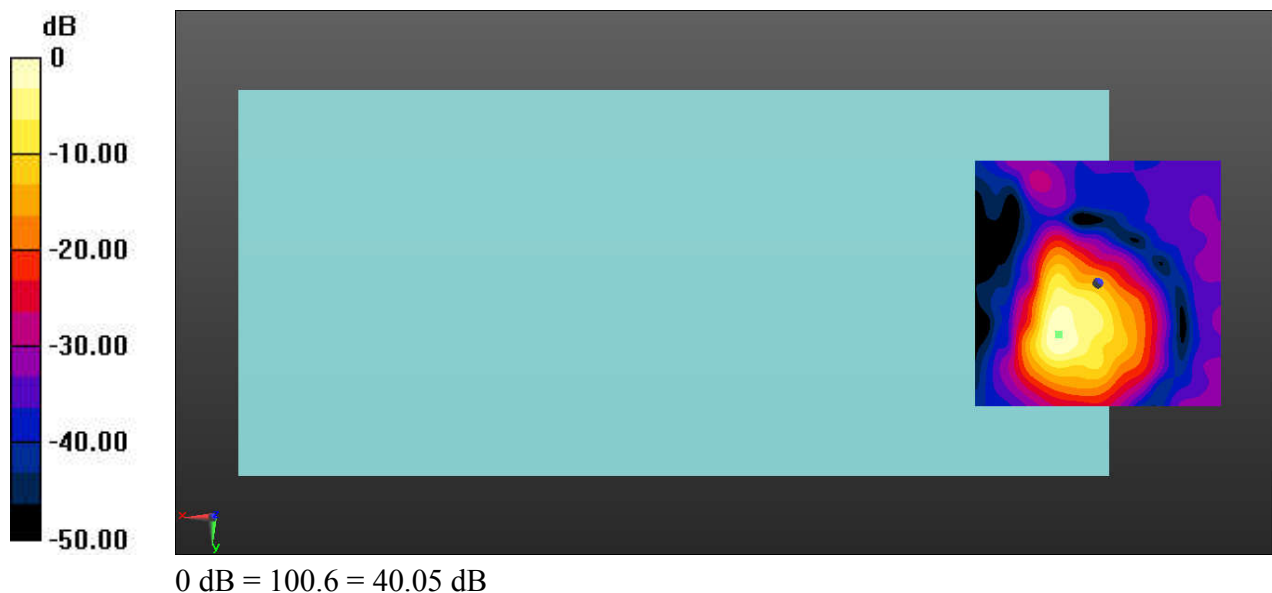
**T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)
(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.05 dB

ABM1 comp = -2.84 dBA/m

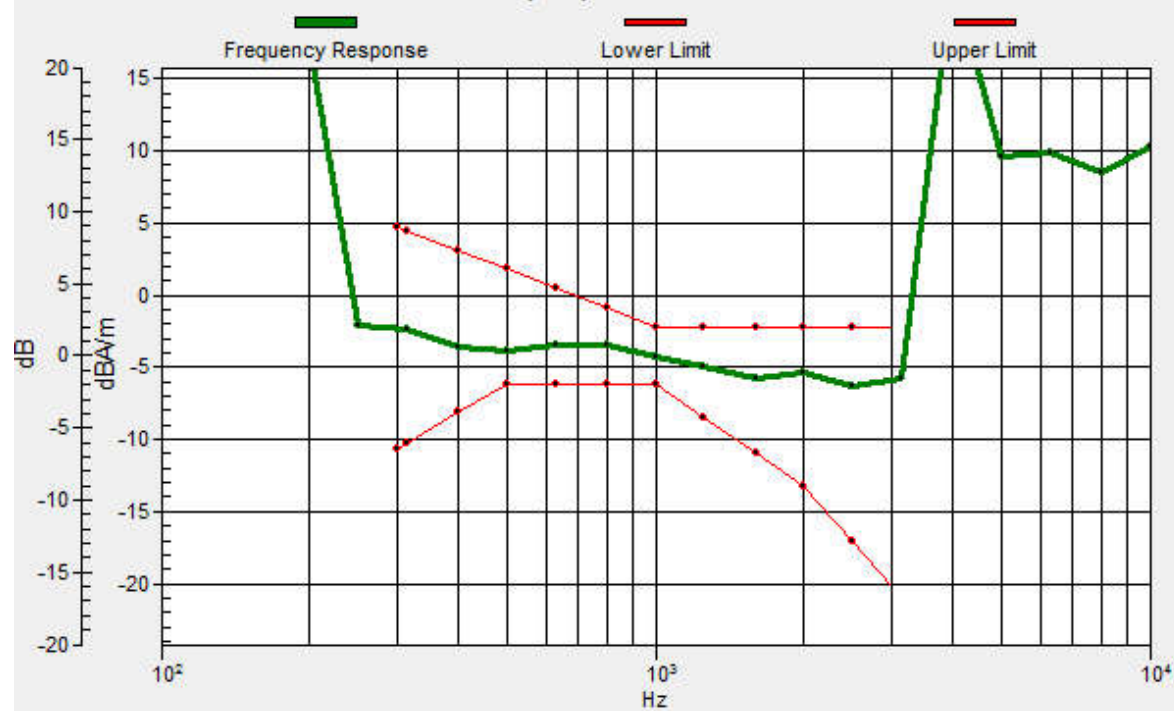
BWC Factor = 0.03 dB

Location: 7.9, 10.4, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 7.9, 10.5, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 60CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

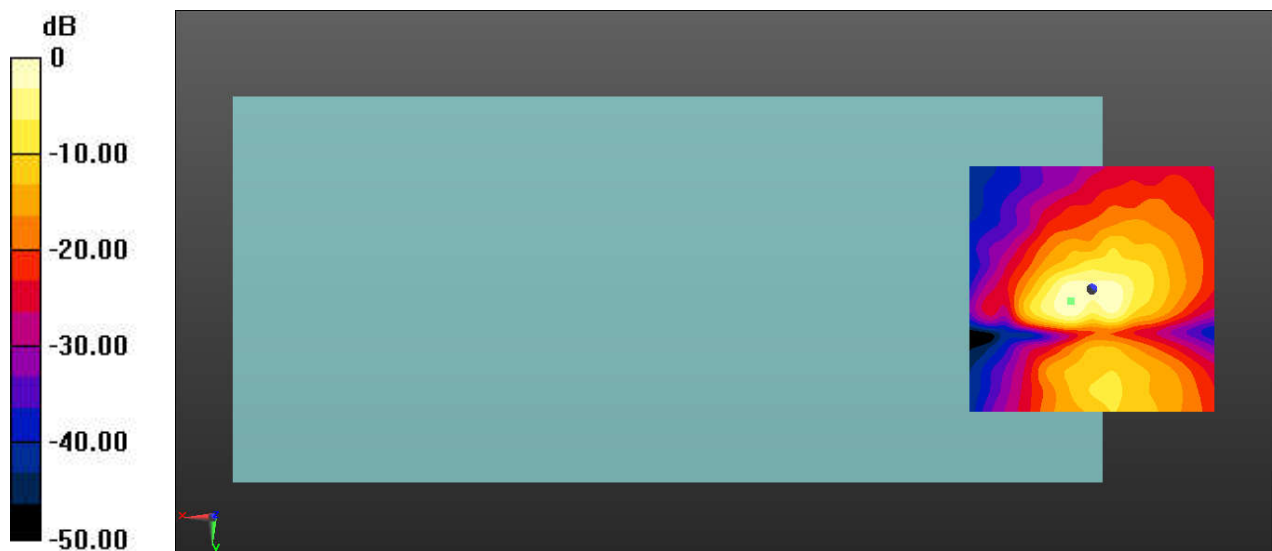
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 38.72 dB

ABM1 comp = -9.78 dBA/m

BWC Factor = 0.03 dB

Location: 4.2, 2.5, 3.7 mm



0 dB = 86.32 = 38.72 dB

Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 124CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

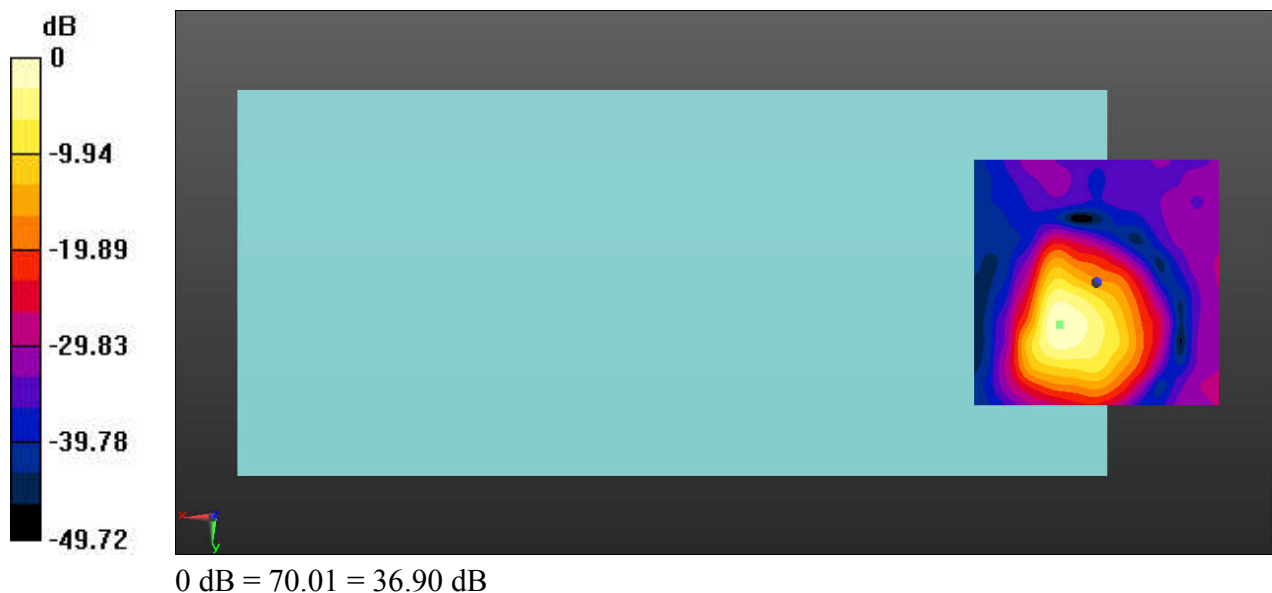
**T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)
(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 36.90 dB

ABM1 comp = -2.82 dBA/m

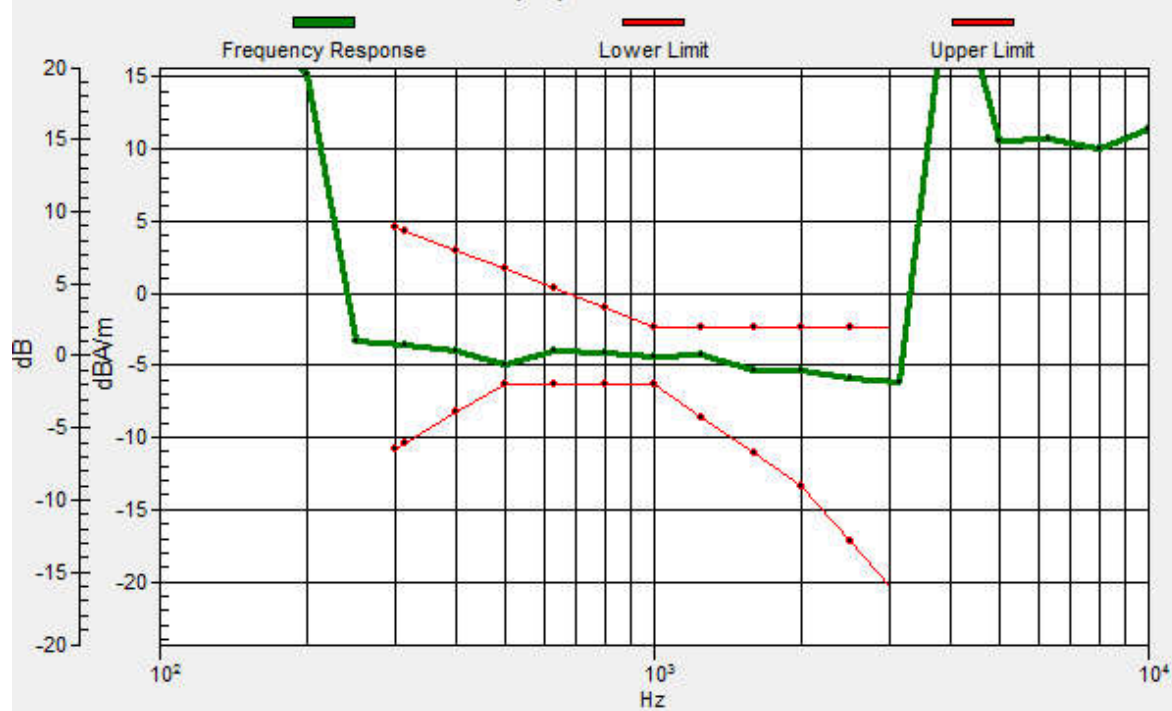
BWC Factor = 0.03 dB

Location: 7.5, 8.7, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 7.4, 8.5, 3.7 mm Diff: 1.36dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 124CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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 = 34.41 dB

ABM1 comp = -11.80 dBA/m

BWC Factor = 0.03 dB

Location: -0.8, 0, 3.7 mm



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 157CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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 = 37.72 dB

ABM1 comp = -2.68 dBA/m

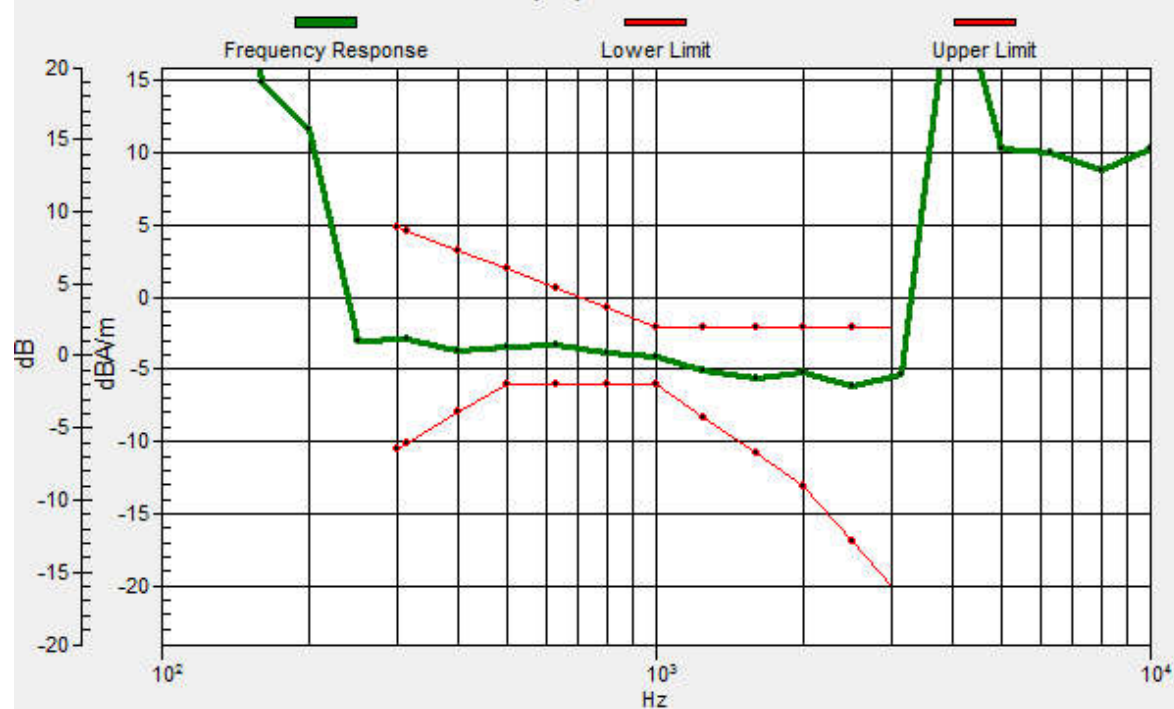
BWC Factor = 0.03 dB

Location: 7.5, 8.3, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 7.3, 8.4, 3.7 mm Diff: 2dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-T-Coil-WiFi 5G 802.11a 157CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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 = 34.81 dB

ABM1 comp = -12.59 dBA/m

BWC Factor = 0.03 dB

Location: -2.1, -0.4, 3.7 mm



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-GSM850 EGPRS 4TS 190CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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)

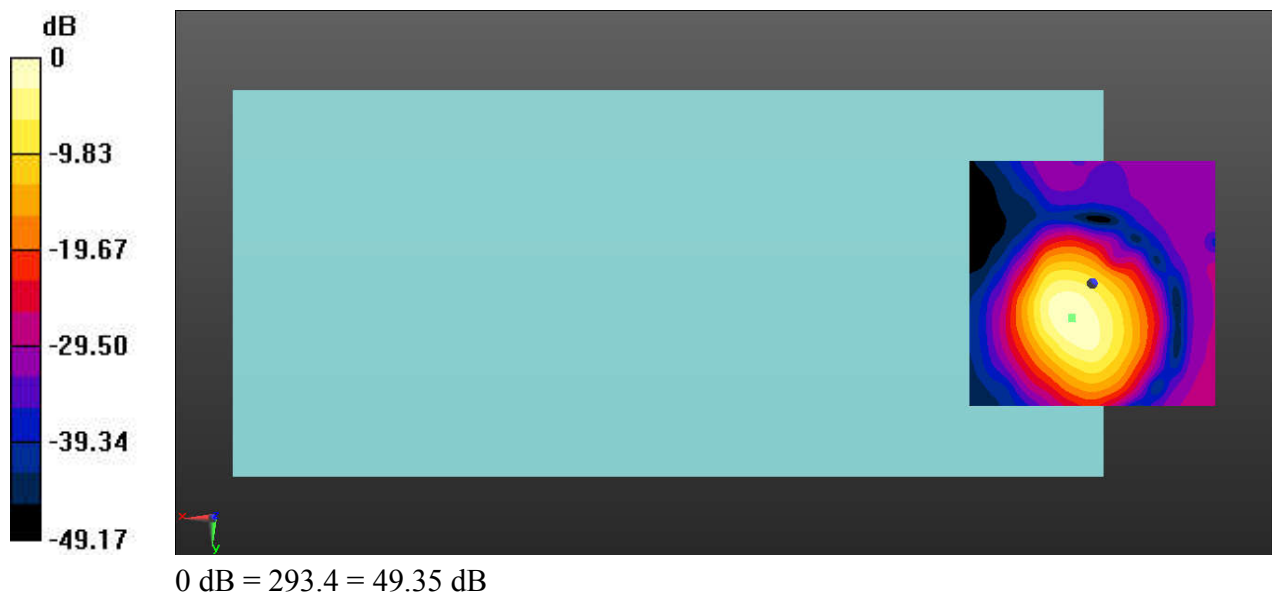
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.35 dB

ABM1 comp = 7.24 dBA/m

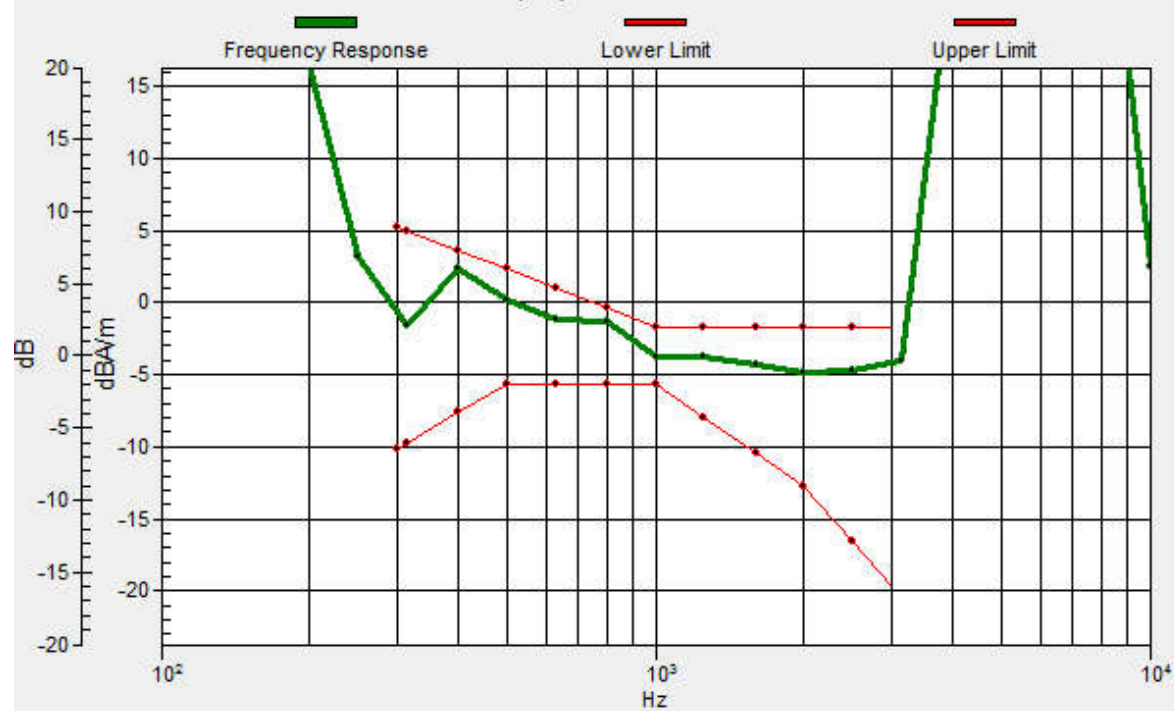
BWC Factor = 0.03 dB

Location: 4.2, 7.1, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 4.1, 6.9, 3.7 mm Diff: 0.96dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-GSM850 EGPRS 4TS 190CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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

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

Phantom section: TCoil Section

DASY 5 Configuration:

- Probe: AM1DV3 - 3115; ; Calibrated: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

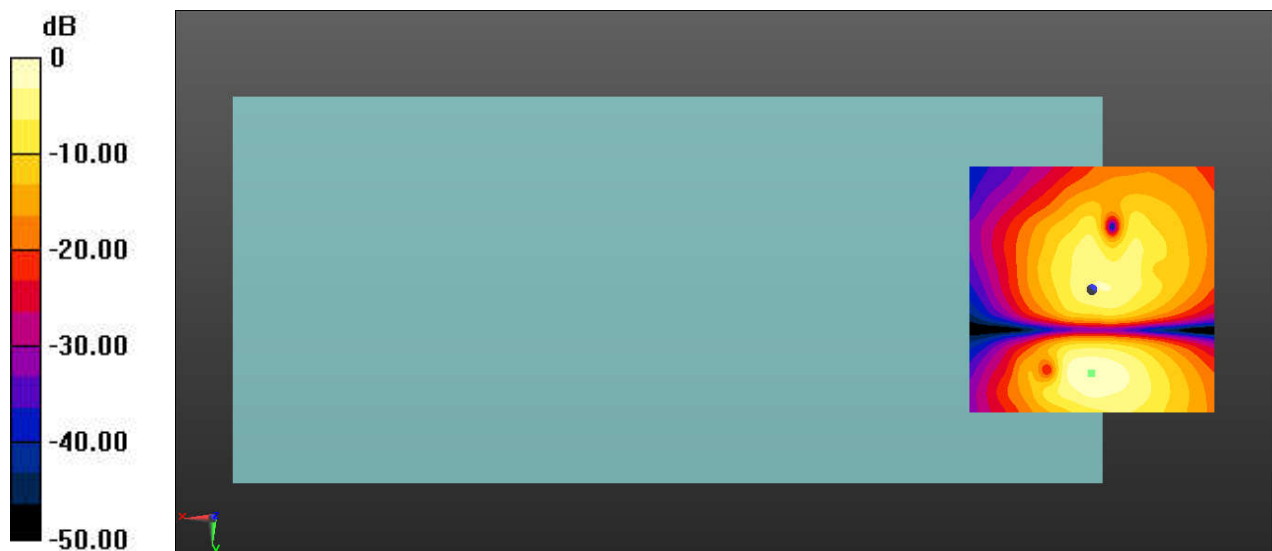
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.15 dB

ABM1 comp = -1.55 dBA/m

BWC Factor = 0.03 dB

Location: 0, 17.1, 3.7 mm



0 dB = 181.0 = 45.15 dB

Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-WCDMA Band IV HSPA 1412CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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 = 44.00 dB

ABM1 comp = 3.61 dBA/m

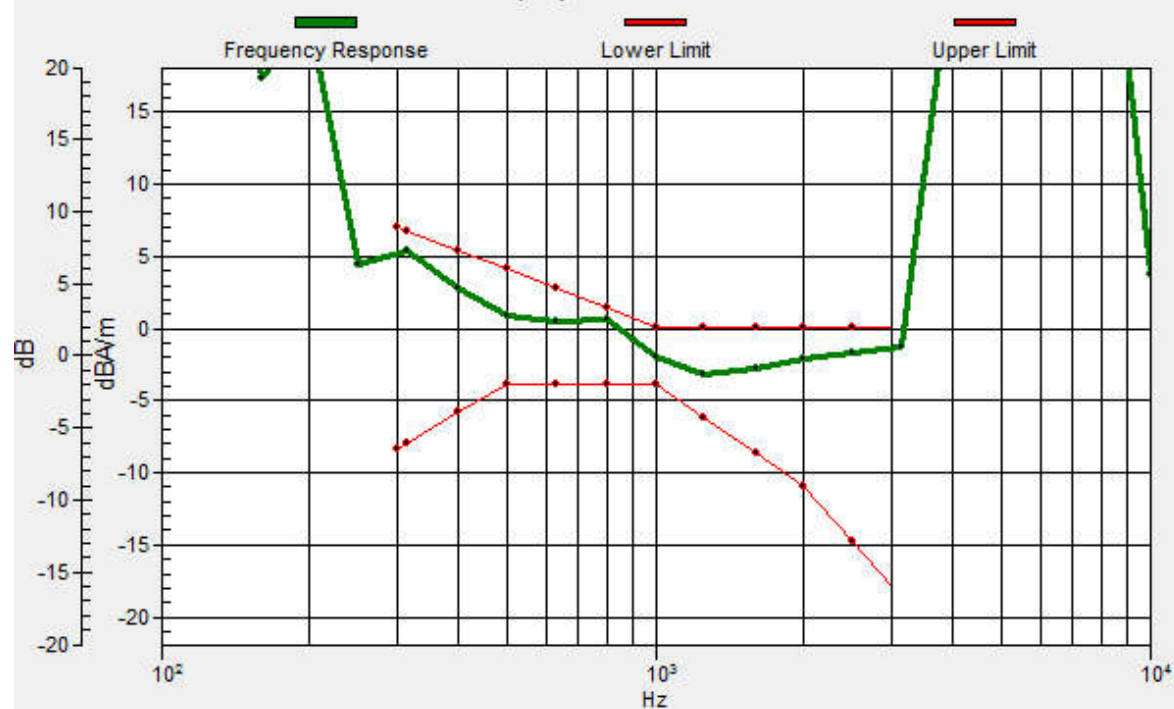
BWC Factor = 0.03 dB

Location: 5.4, 4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 5.5, 4.1, 3.7 mm Diff: 0.81dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-WCDMA Band IV HSPA 1412CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

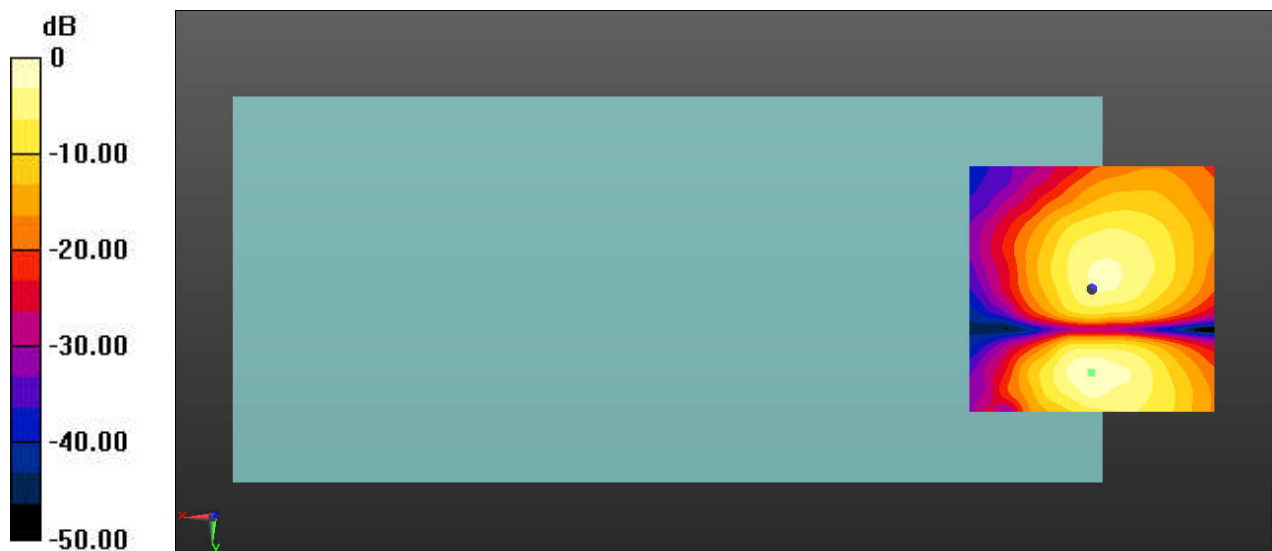
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.96 dB

ABM1 comp = -3.73 dBA/m

BWC Factor = 0.03 dB

Location: 0, 17.1, 3.7 mm



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-LTE Band 4 20M QPSK 1RB0 20175CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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 = 46.20 dB

ABM1 comp = 5.14 dBA/m

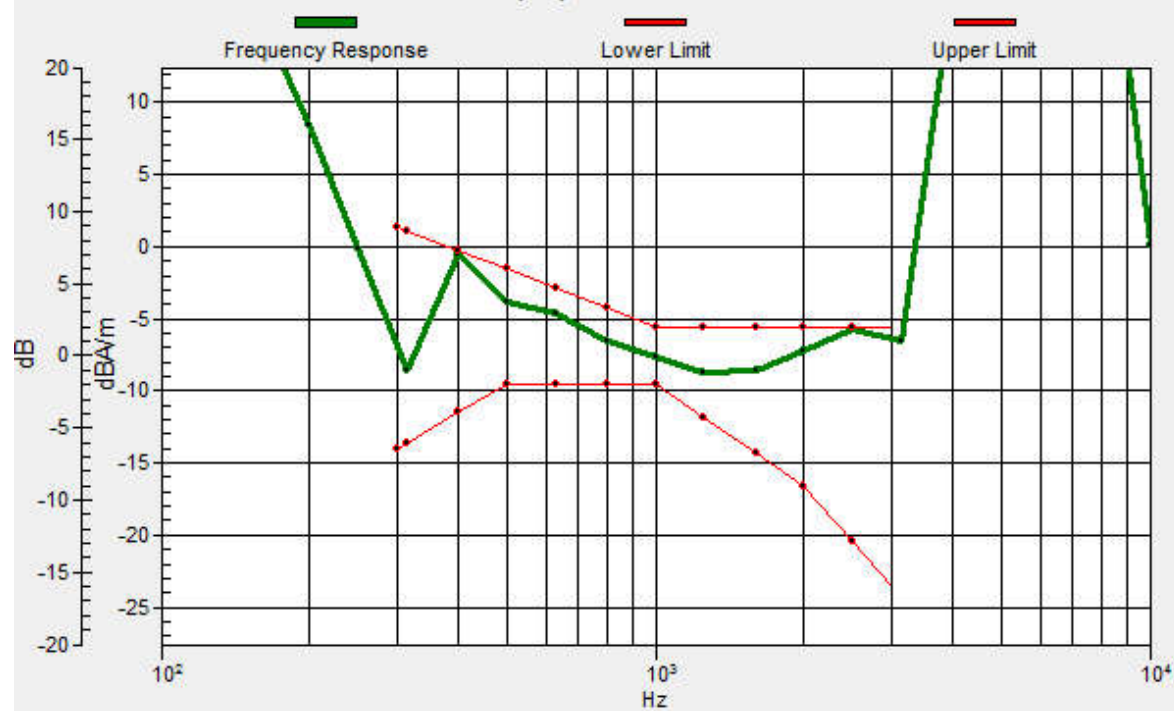
BWC Factor = 0.03 dB

Location: 3.8, 7.9, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 4.1, 6.9, 3.7 mm Diff: 0.12dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-LTE Band 4 20M QPSK 1RB0 20175CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

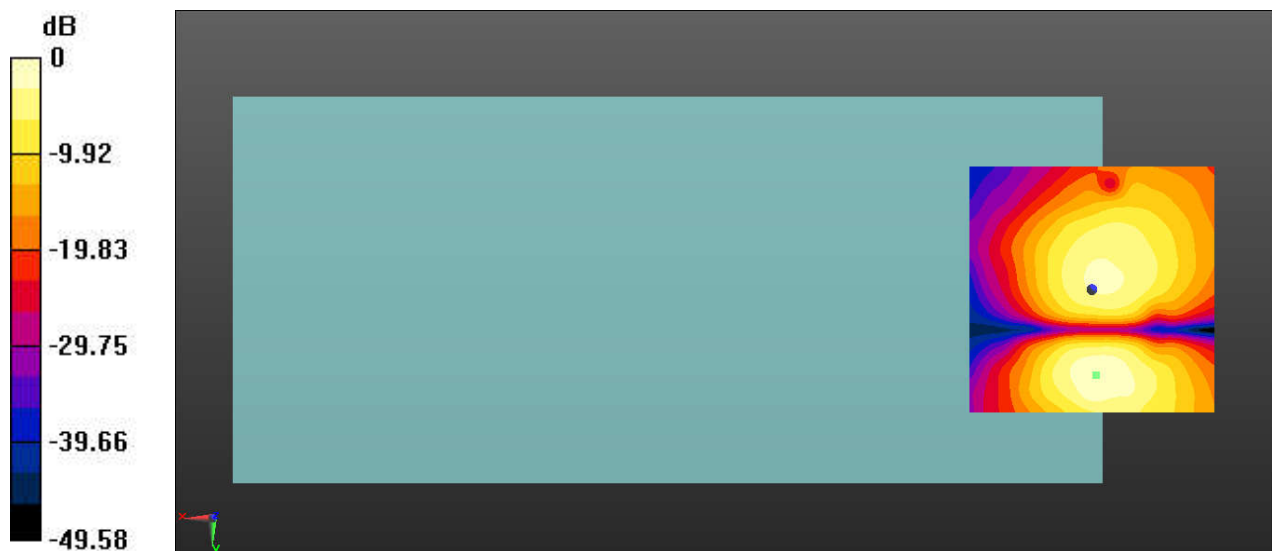
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.26 dB

ABM1 comp = -4.36 dBA/m

BWC Factor = 0.03 dB

Location: -0.8, 17.5, 3.7 mm



0 dB = 115.7 = 41.26 dB

Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-LTE Band 48 20M QPSK 1RB0 55830CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3609 MHz; Duty Cycle: 1:8.33681

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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)

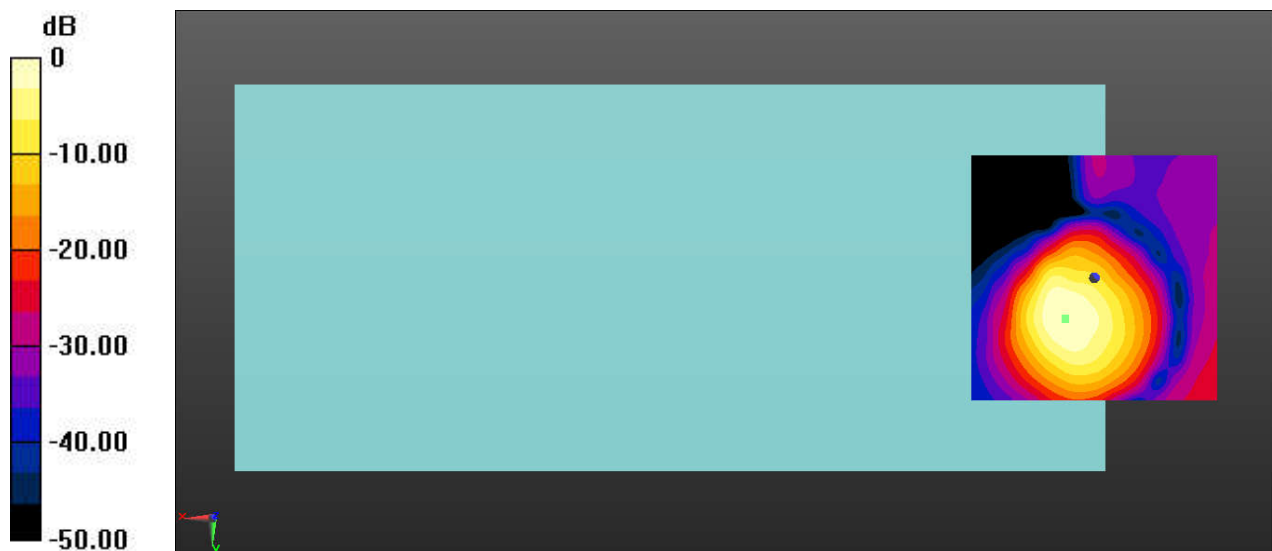
(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.69 dB

ABM1 comp = 7.36 dBA/m

BWC Factor = 0.03 dB

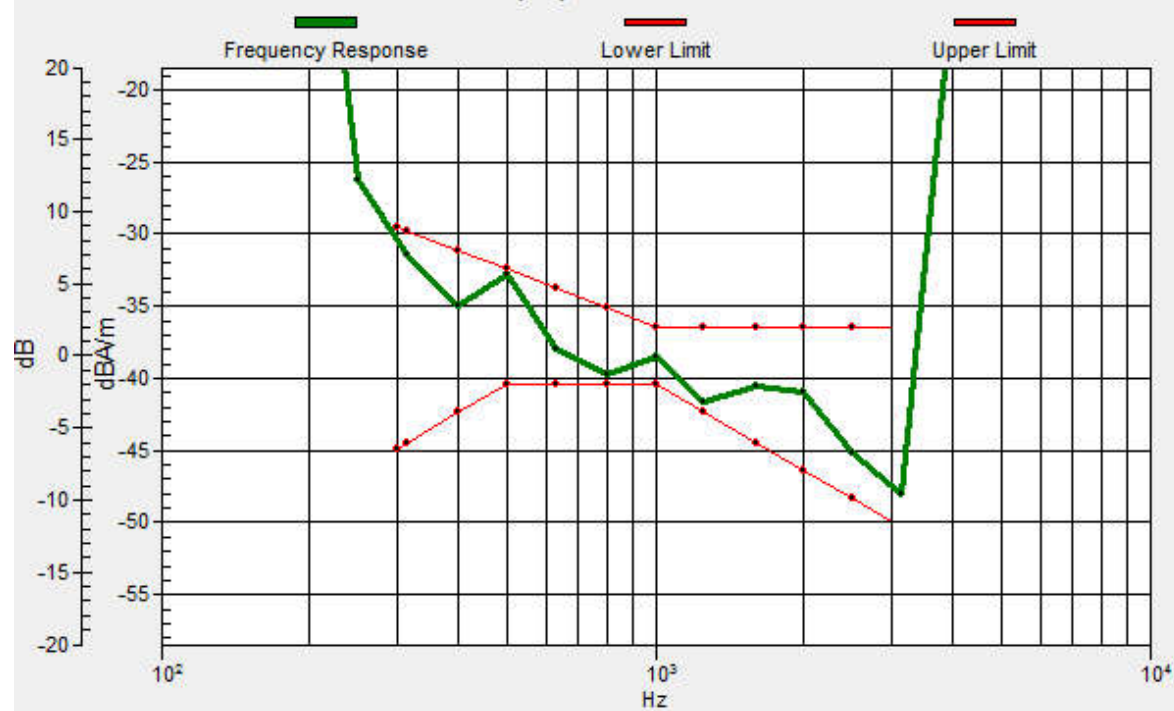
Location: 5.8, 8.3, 3.7 mm



0 dB = 108.3 = 40.69 dB

General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 5.8, 8.2, 3.7 mm Diff: 0.32dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-LTE Band 48 20M QPSK 1RB0 55830CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 3609 MHz;Duty Cycle: 1:8.33681

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

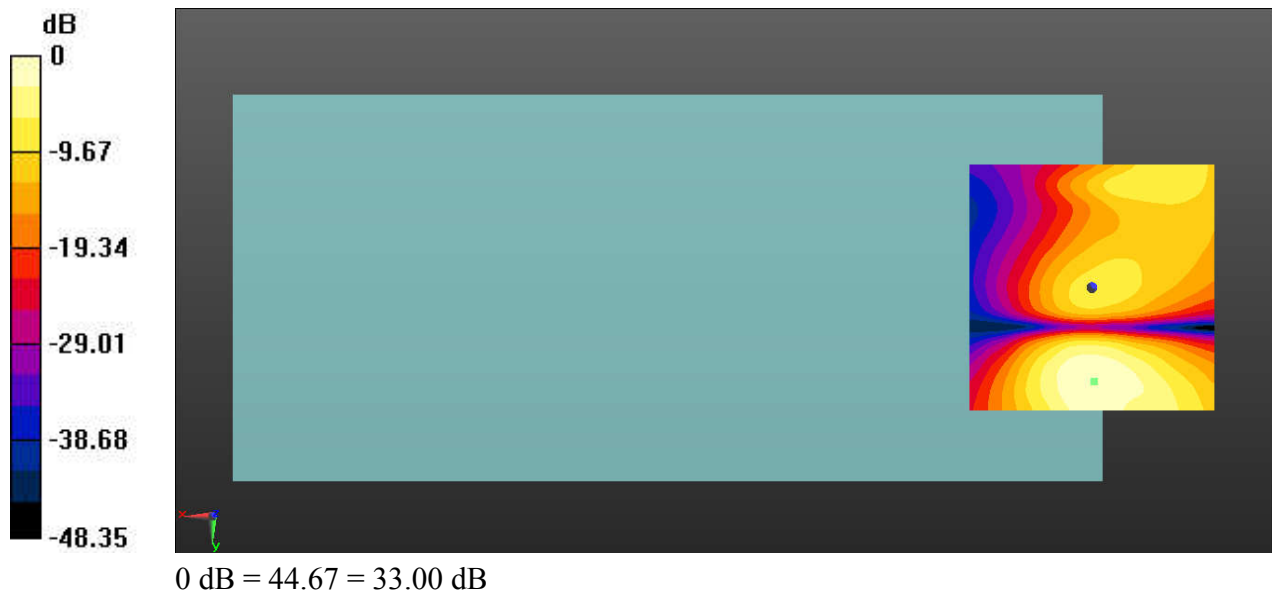
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.00 dB

ABM1 comp = -2.28 dBA/m

BWC Factor = 0.03 dB

Location: -0.4, 19.2, 3.7 mm



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-WiFi 2.4G 802.11b 6CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

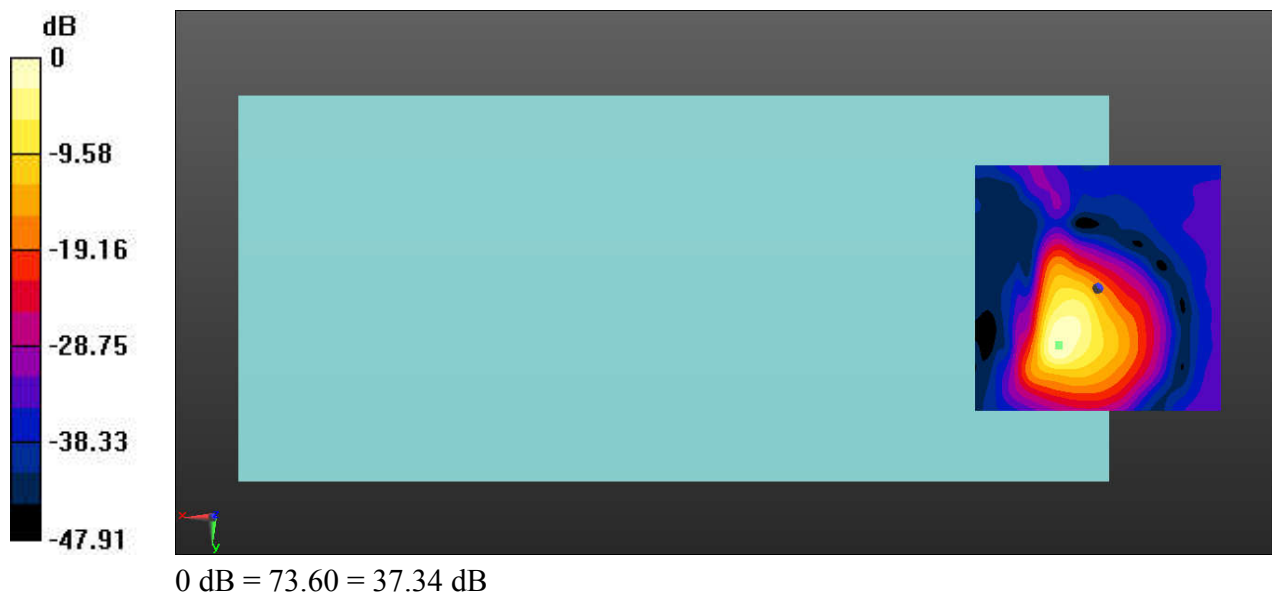
**T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)
(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 37.34 dB

ABM1 comp = 3.53 dBA/m

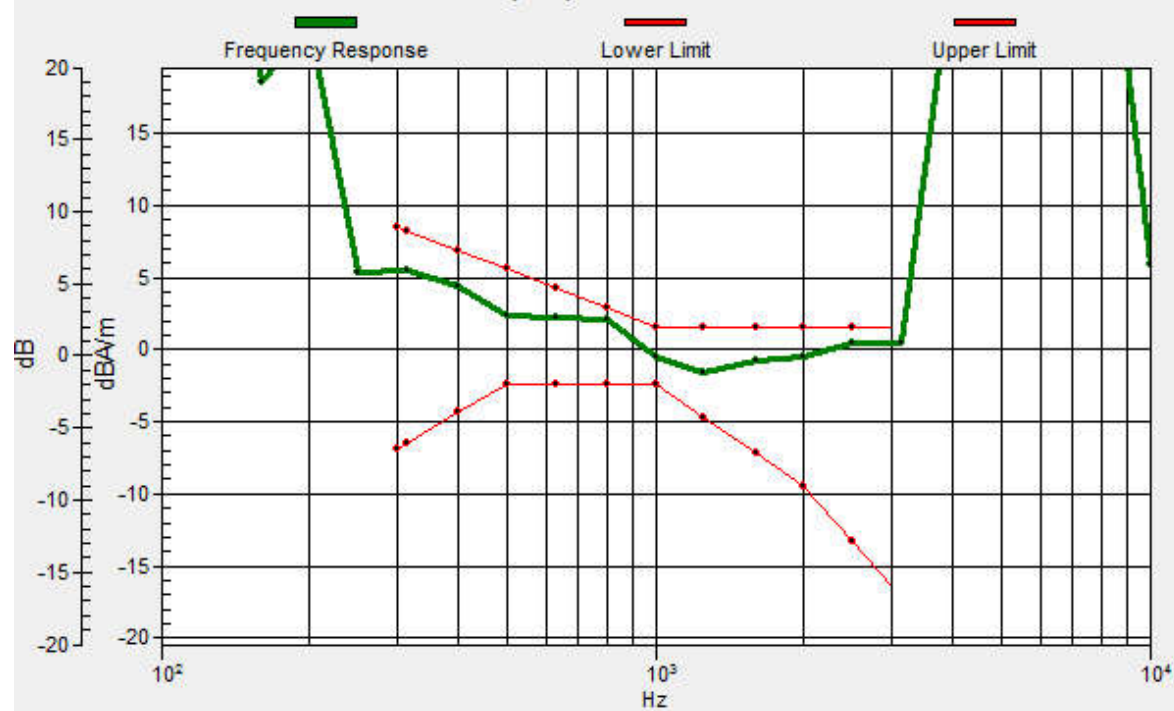
BWC Factor = 0.03 dB

Location: 7.9, 11.7, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 7.9, 11.5, 3.7 mm Diff: 0.73dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-WiFi 2.4G 802.11b 6CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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

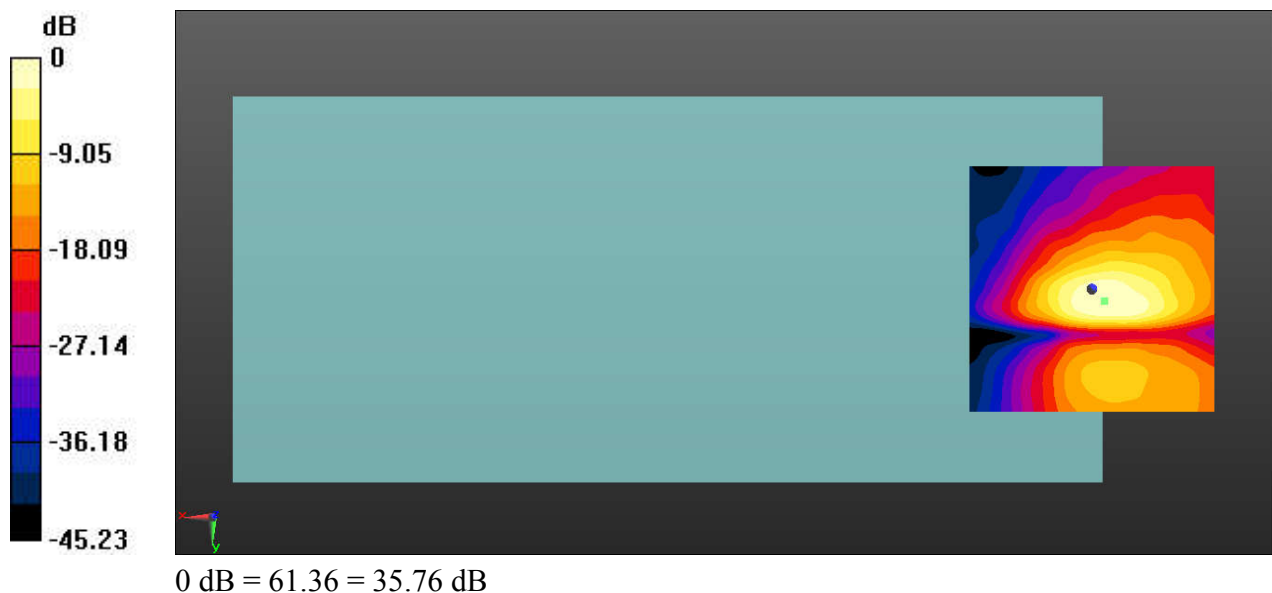
(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.76 dB

ABM1 comp = -5.99 dBA/m

BWC Factor = 0.03 dB

Location: -2.5, 2.5, 3.7 mm



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-WiFi 5G 802.11a 124CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

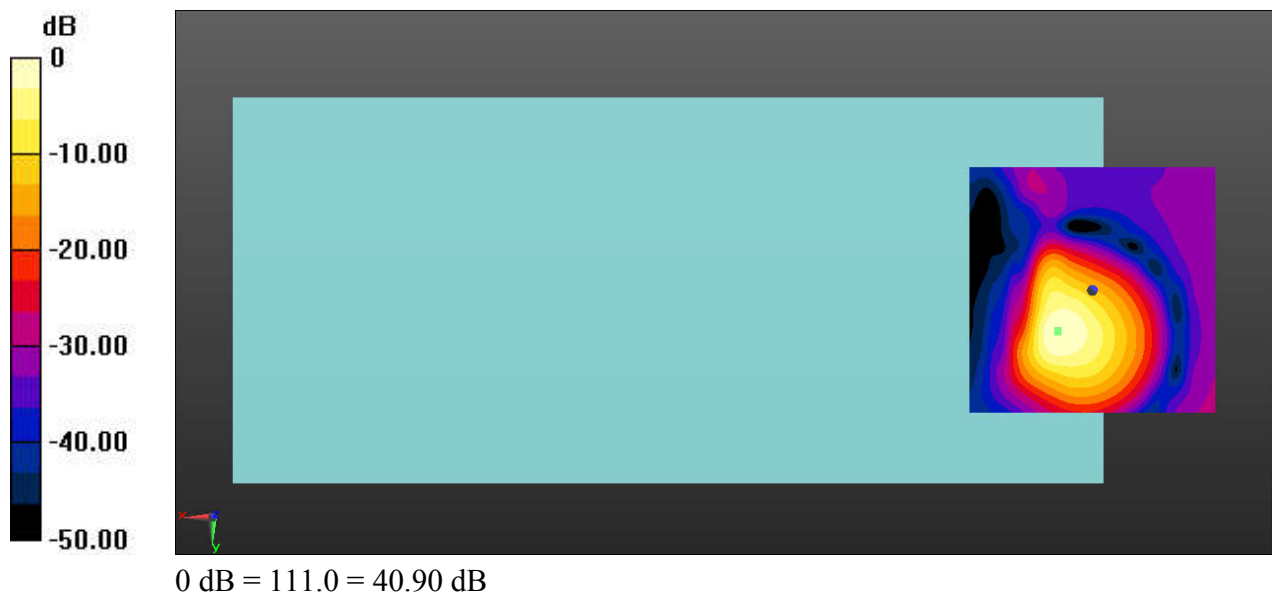
**T-Coil scan/General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)
(121x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 40.90 dB

ABM1 comp = 4.45 dBA/m

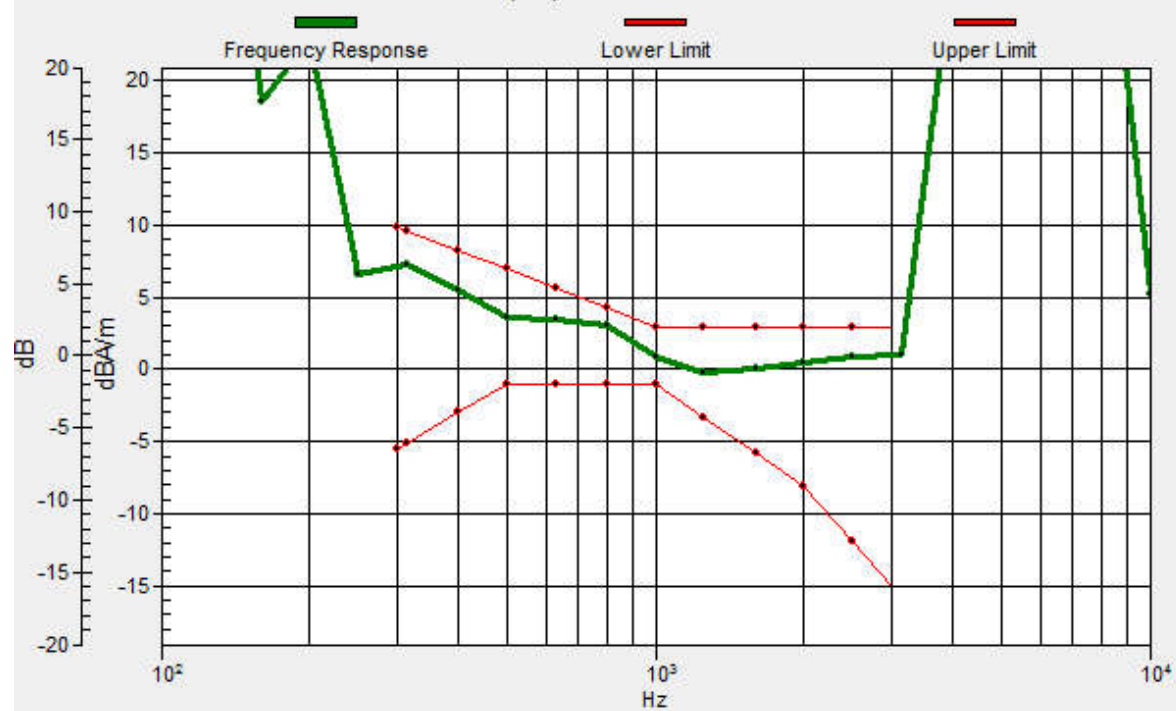
BWC Factor = 0.03 dB

Location: 7.1, 8.3, 3.7 mm



General Scans/z (axial) wideband at best S/N 3/ABM Freq Resp(x,y,z,f)

Loc: 7, 8.5, 3.7 mm Diff: 1.23dB



Test Laboratory: SGS-SAR Lab

U653DS HAC-VOIP-WiFi 5G 802.11a 124CH

DUT: U653DS; Type: Smart Phone; Serial: 860284060010930

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: 2023-06-13
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- 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 = 39.65 dB

ABM1 comp = -5.87 dBA/m

BWC Factor = 0.03 dB

Location: -2.9, 0.4, 3.7 mm

