
Appendix B – Highest Test Plots

Date: 2023/10/6

1_GSM850_FR V1_Ch189_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

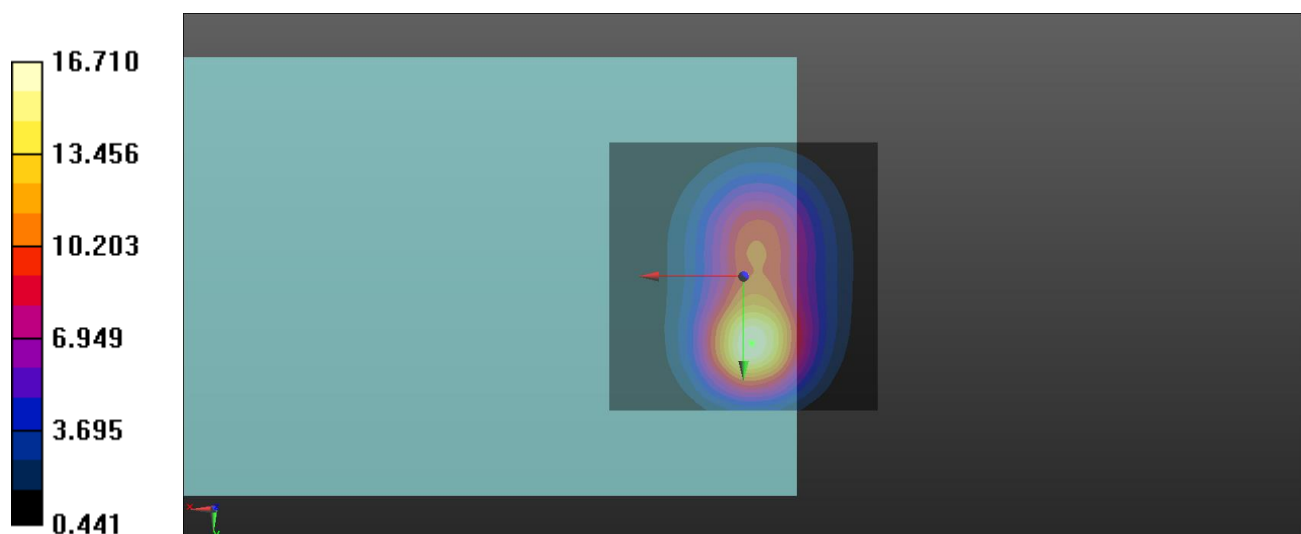
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 24.46 dB

ABM1 comp = -5.11 dBA/m

Location: -1.5, 12.5, 3.7 mm



Date: 2023/10/6

1_GSM850_FR V1_Ch189_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

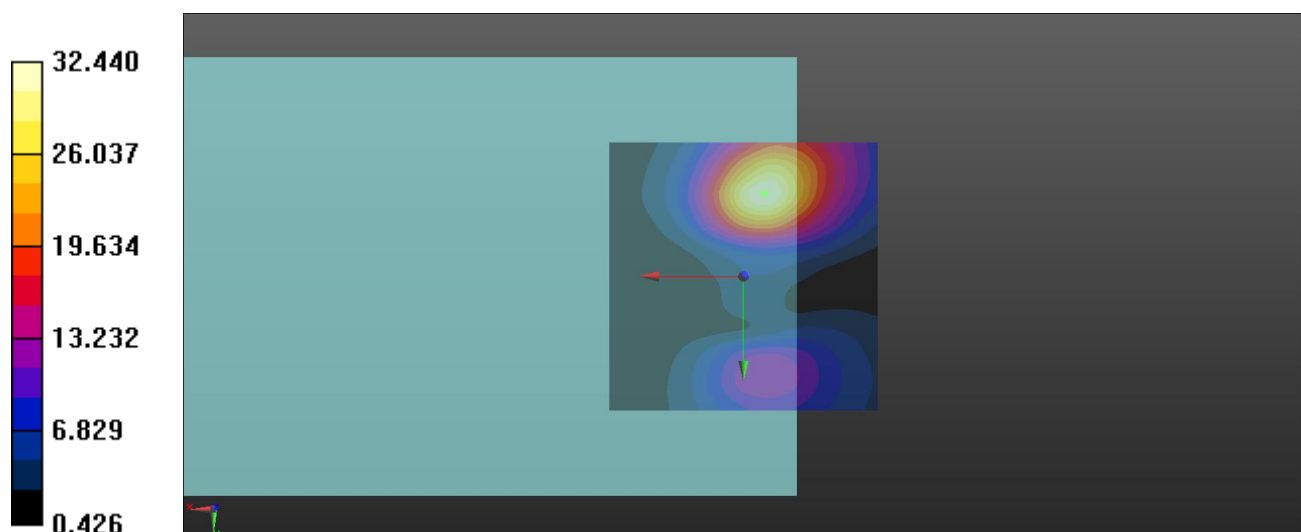
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.22 dB

ABM1 comp = -14.47 dBA/m

Location: -4, -15.5, 3.7 mm



Date: 2023/10/6

1_GSM850_FR V1_Ch189_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69

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

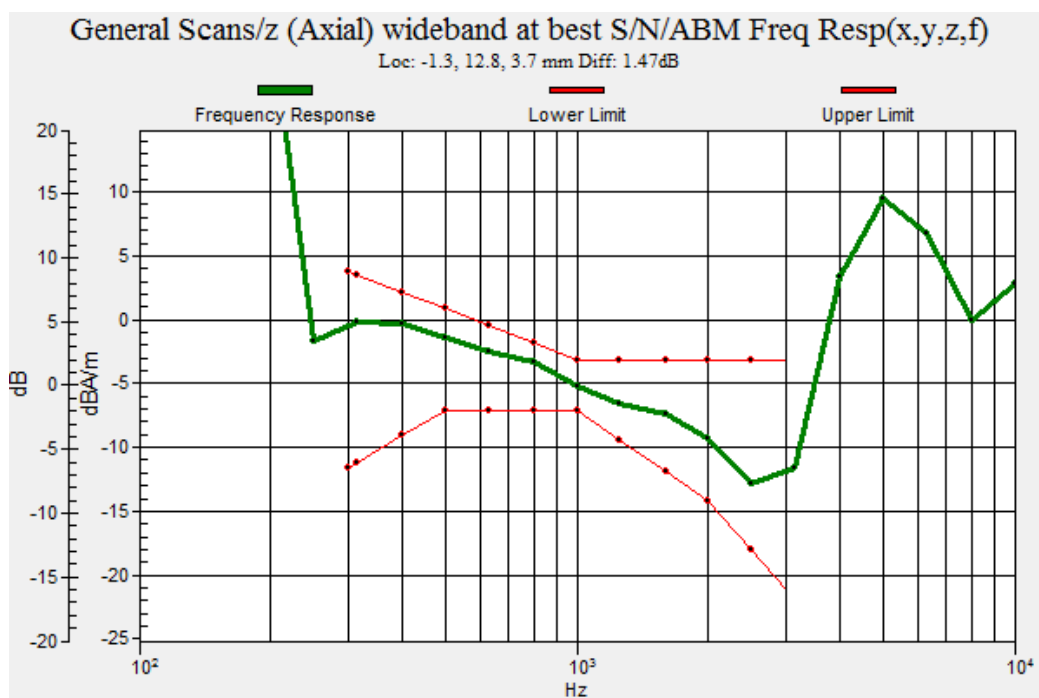
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/6

2_GSM1900_FR V1_Ch661_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

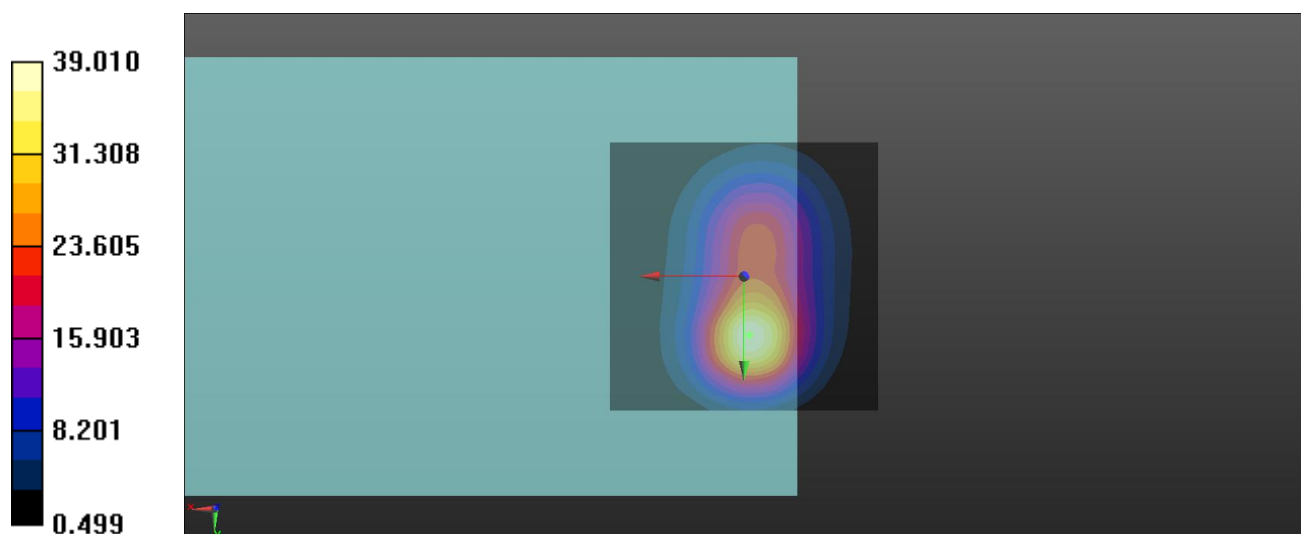
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.82 dB

ABM1 comp = -4.42 dBA/m

Location: -1, 11, 3.7 mm



Date: 2023/10/6

2_GSM1900_FR V1_Ch661_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

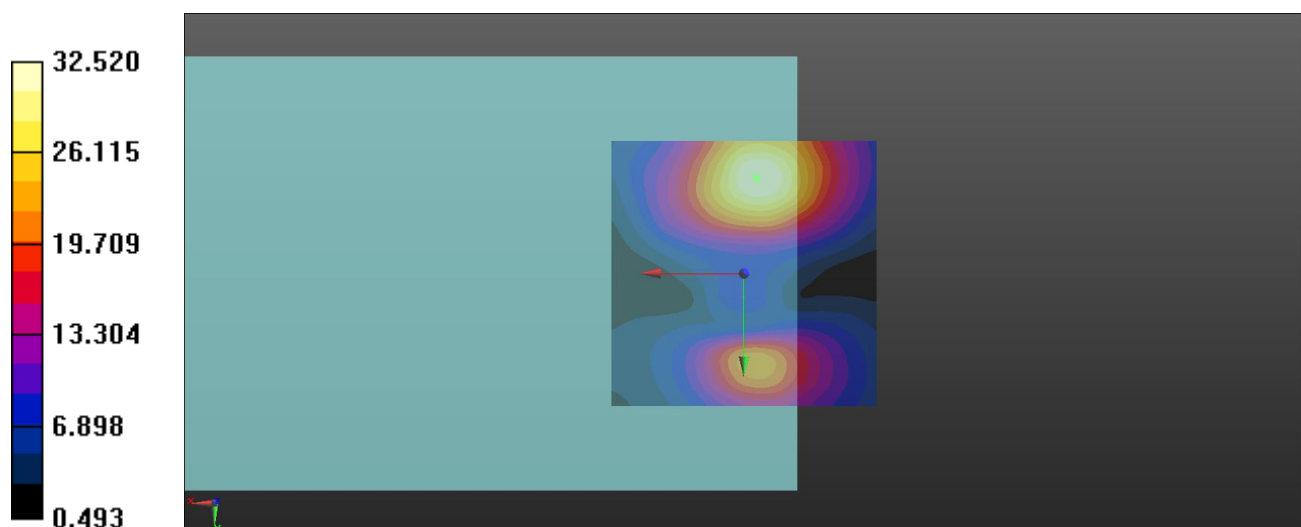
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.24 dB

ABM1 comp = -14.12 dBA/m

Location: -2.5, -18, 3.7 mm



Date: 2023/10/6

2_GSM1900_FR V1_Ch661_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69

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

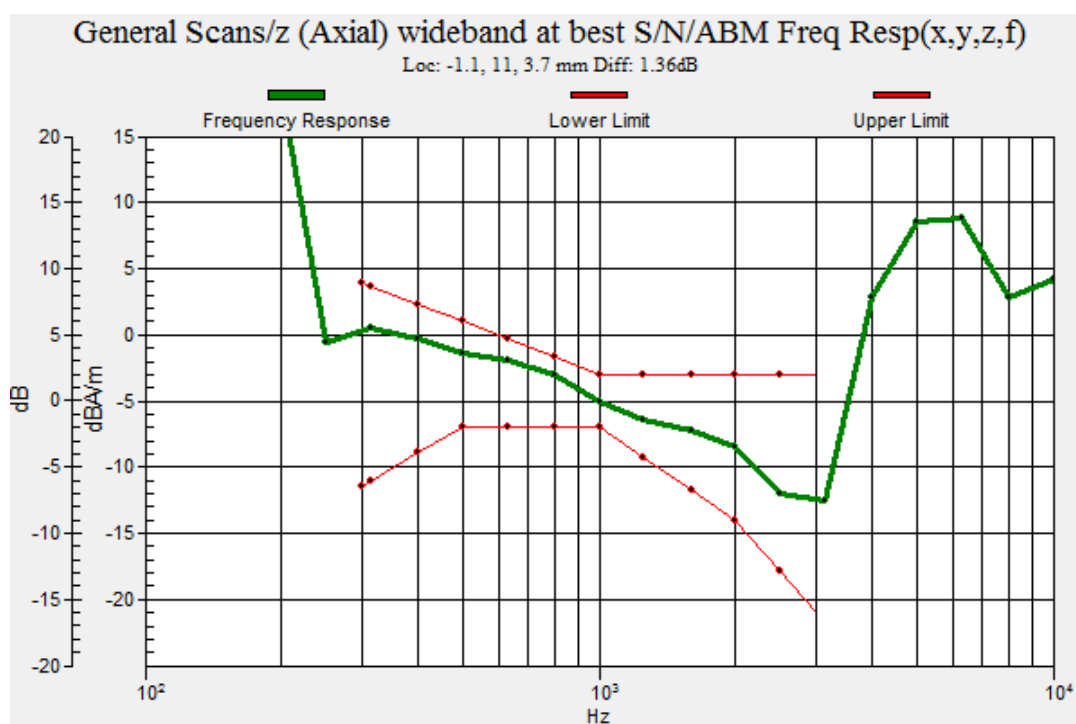
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/6

3_WCDMA II_NB_AMR 12.2kbps_Ch9400_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

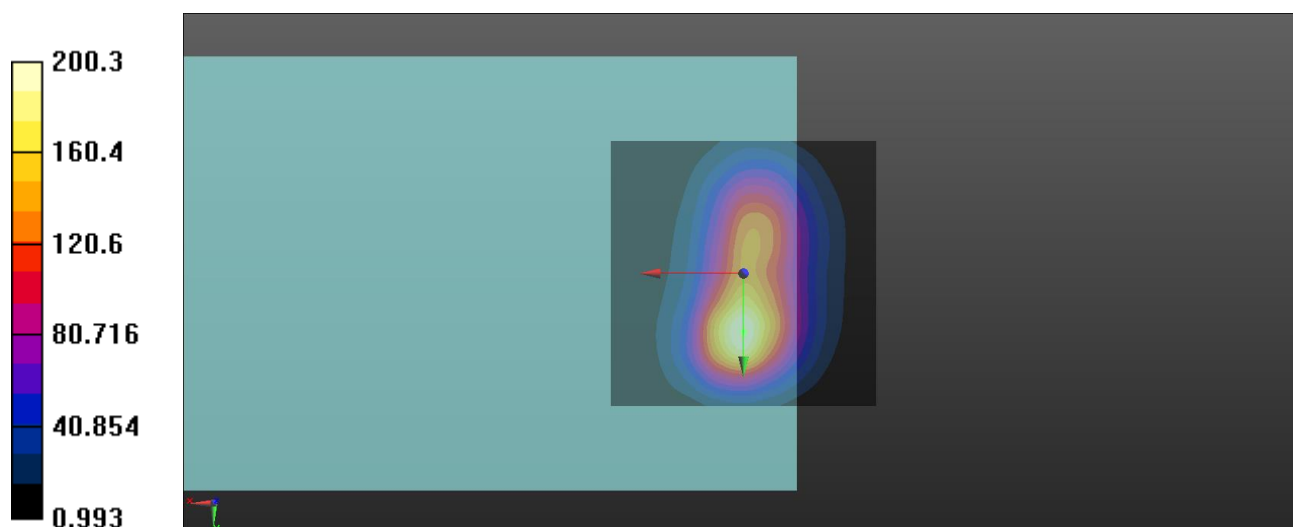
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.04 dB

ABM1 comp = -3.91 dBA/m

Location: 0, 11, 3.7 mm



Date: 2023/10/6

3_WCDMA II_NB_AMR 12.2kbps_Ch9400_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

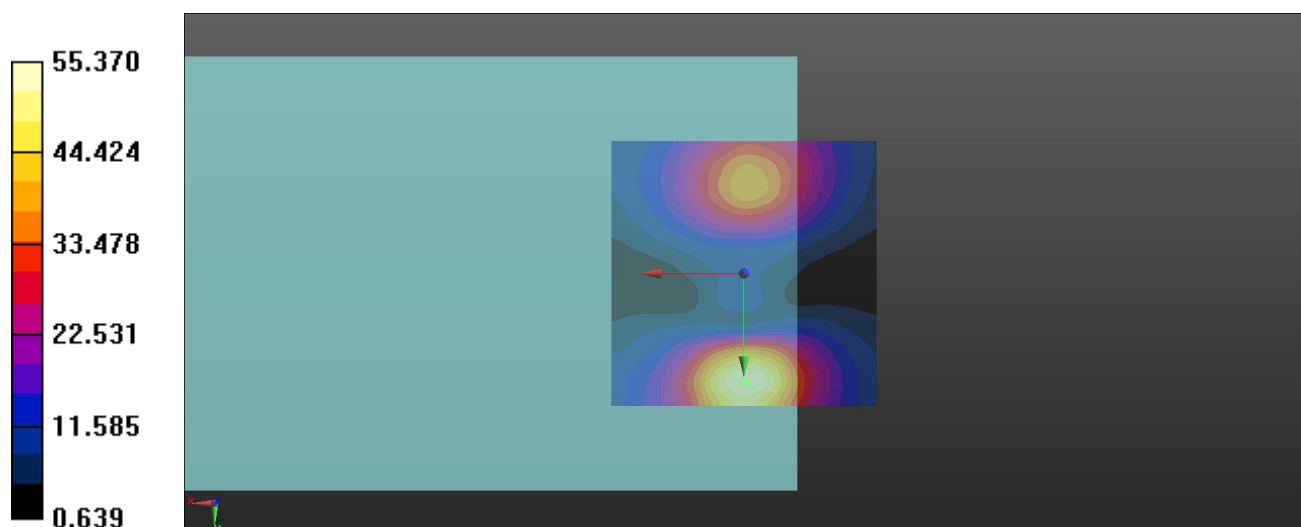
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.86 dB

ABM1 comp = -10.30 dBA/m

Location: -0.5, 20.5, 3.7 mm



Date: 2023/10/6

3_WCDMA II_NB_AMR 12.2kbps_Ch9400_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

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

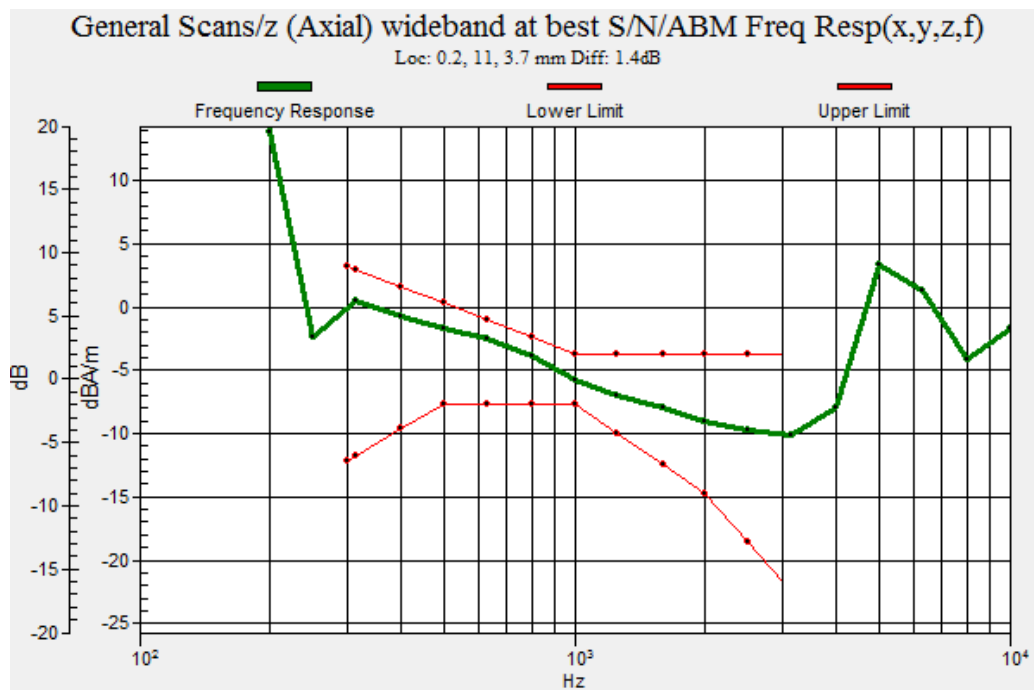
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/6

4_WCDMA IV_NB_AMR 12.2kbps_Ch1413_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

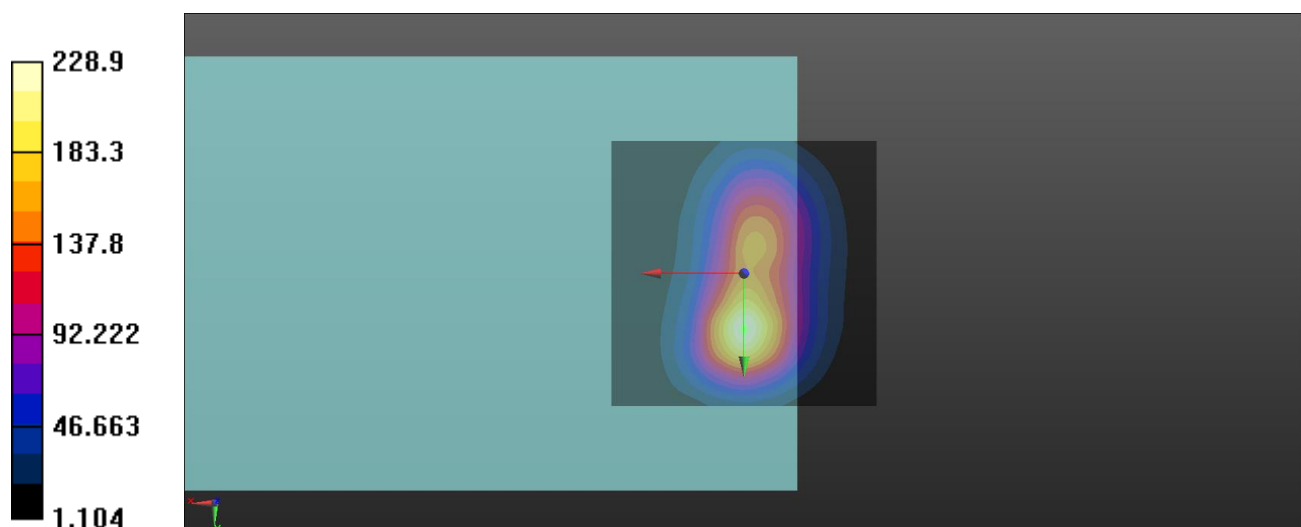
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.19 dB

ABM1 comp = -3.97 dBA/m

Location: 0, 10.5, 3.7 mm



Date: 2023/10/6

4_WCDMA IV_NB_AMR 12.2kbps_Ch1413_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

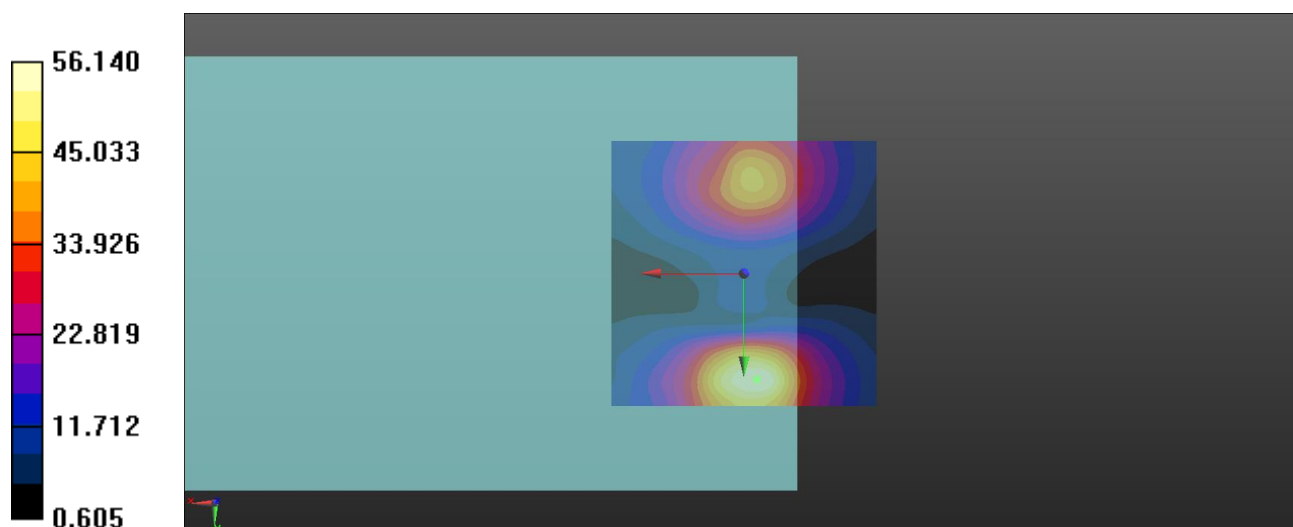
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.99 dB

ABM1 comp = -10.69 dBA/m

Location: -2.5, 20, 3.7 mm



Date: 2023/10/6

4_WCDMA IV_NB_AMR 12.2kbps_Ch1413_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95

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

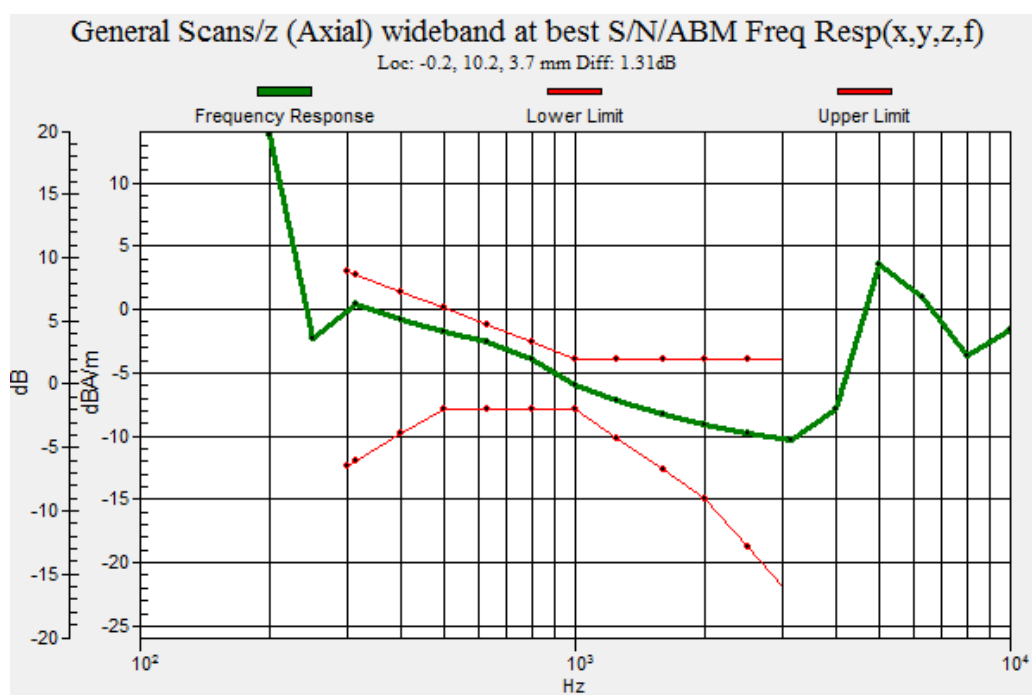
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/6

5_WCDMA V_NB_AMR 12.2kbps_Ch4182_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

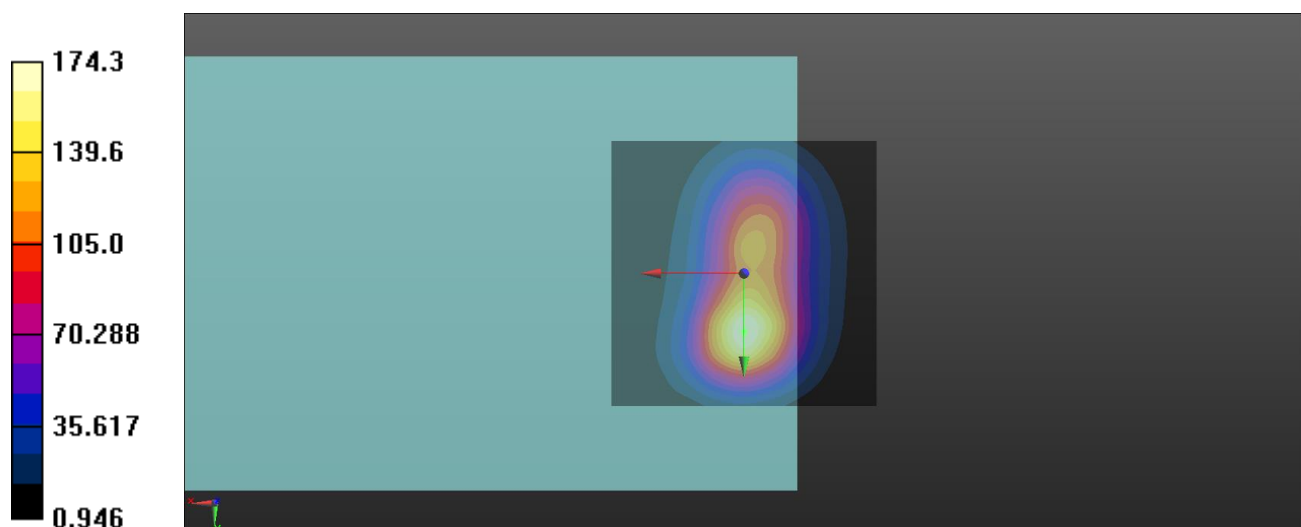
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.82 dB

ABM1 comp = -3.86 dBA/m

Location: 0, 11, 3.7 mm



Date: 2023/10/6

5_WCDMA V_NB_AMR 12.2kbps_Ch4182_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

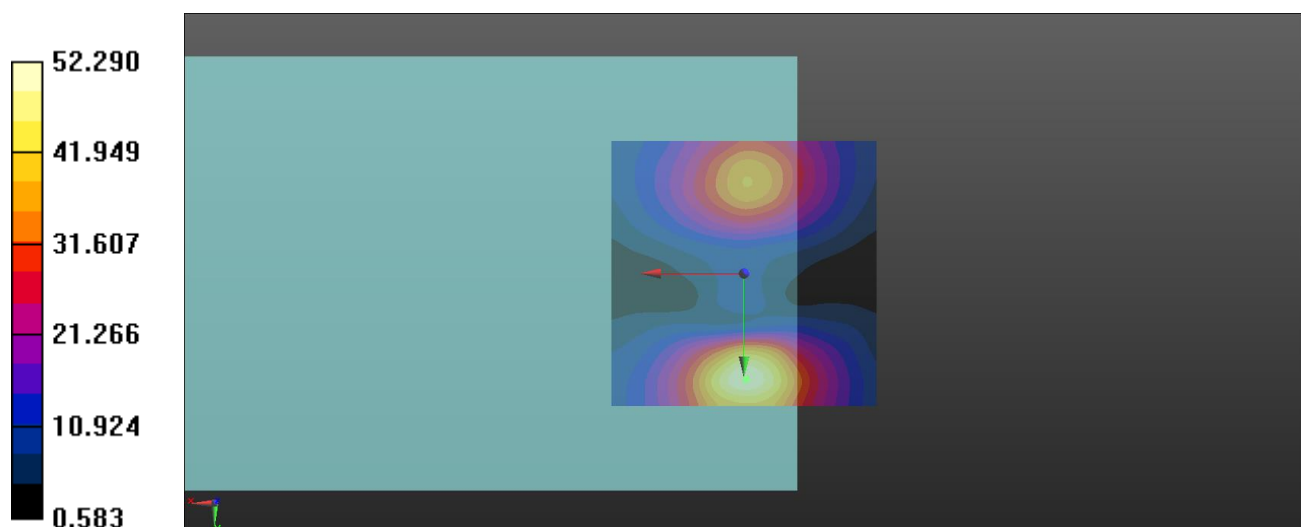
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.37 dB

ABM1 comp = -10.19 dBA/m

Location: -0.5, 20, 3.7 mm



Date: 2023/10/6

5_WCDMA V_NB_AMR 12.2kbps_Ch4182_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.4 MHz; Duty Cycle: 1:1.95

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

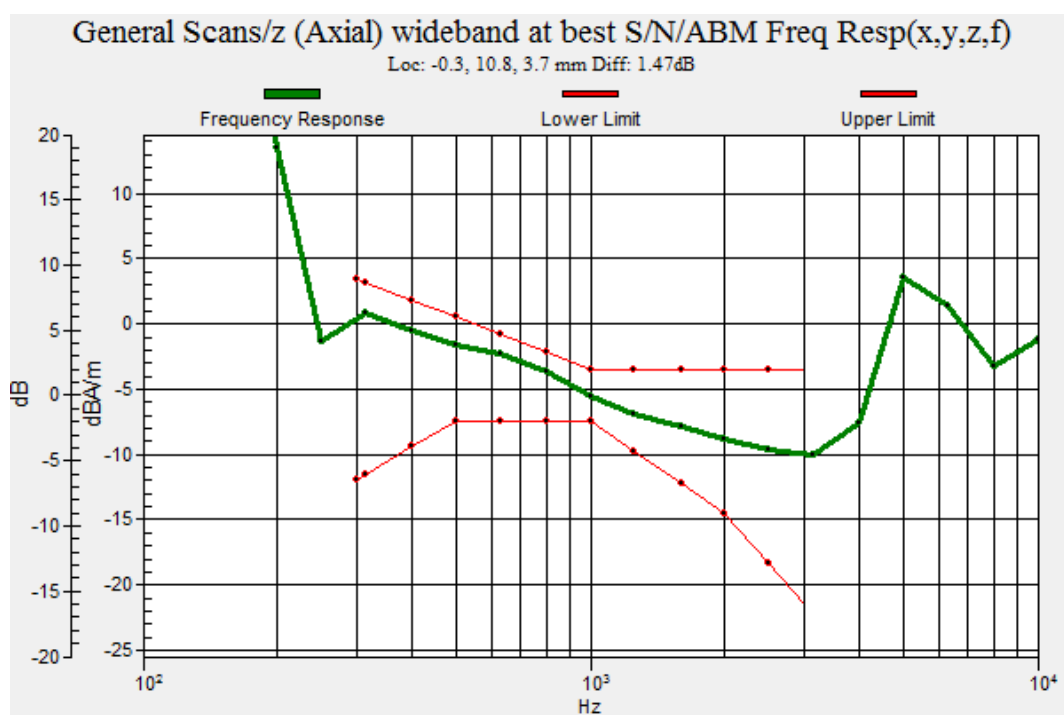
Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/6

6_LTE 2_QPSK20M_AMR NB 4.75kbps_Ch18900_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1880 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

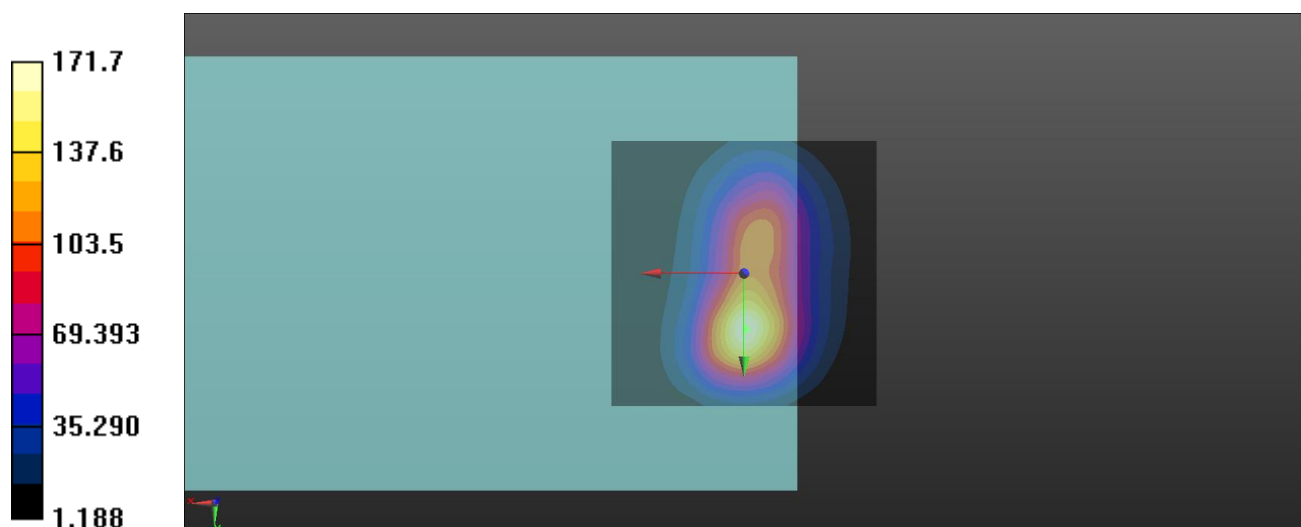
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.70 dB

ABM1 comp = -4.41 dBA/m

Location: -0.5, 10.5, 3.7 mm



Date: 2023/10/11

6_LTE 2_QPSK20M_AMR NB 4.75kbps_Ch18900_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1880 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

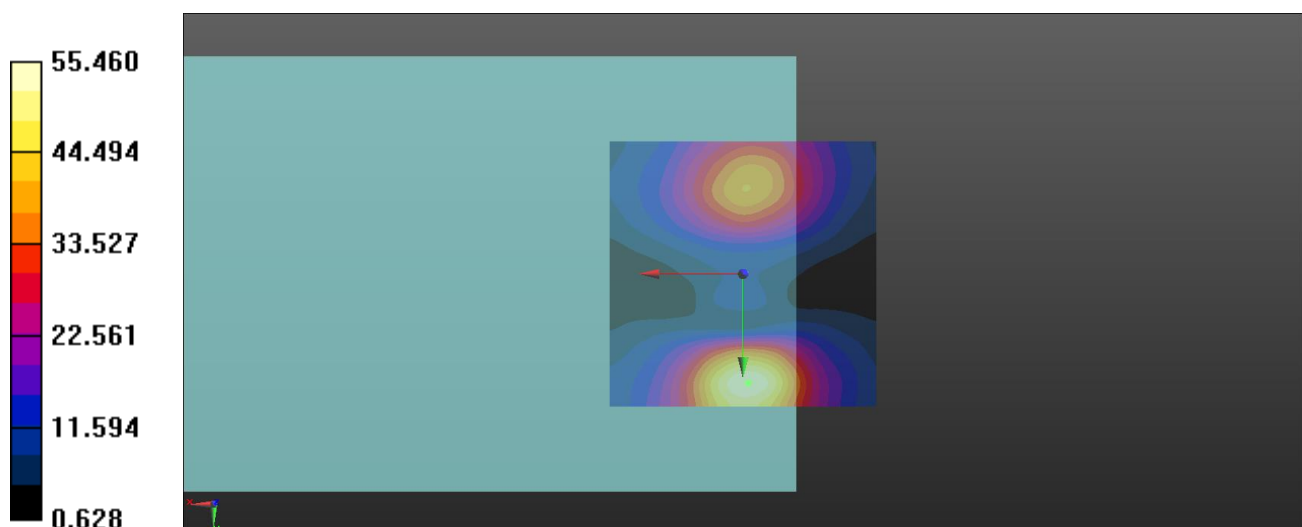
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.88 dB

ABM1 comp = -10.83 dBA/m

Location: -1, 20.5, 3.7 mm



Date: 2023/10/6

6_LTE 2_QPSK20M_AMR NB 4.75kbps_Ch18900_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1880 MHz; Duty Cycle: 1:3.69

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

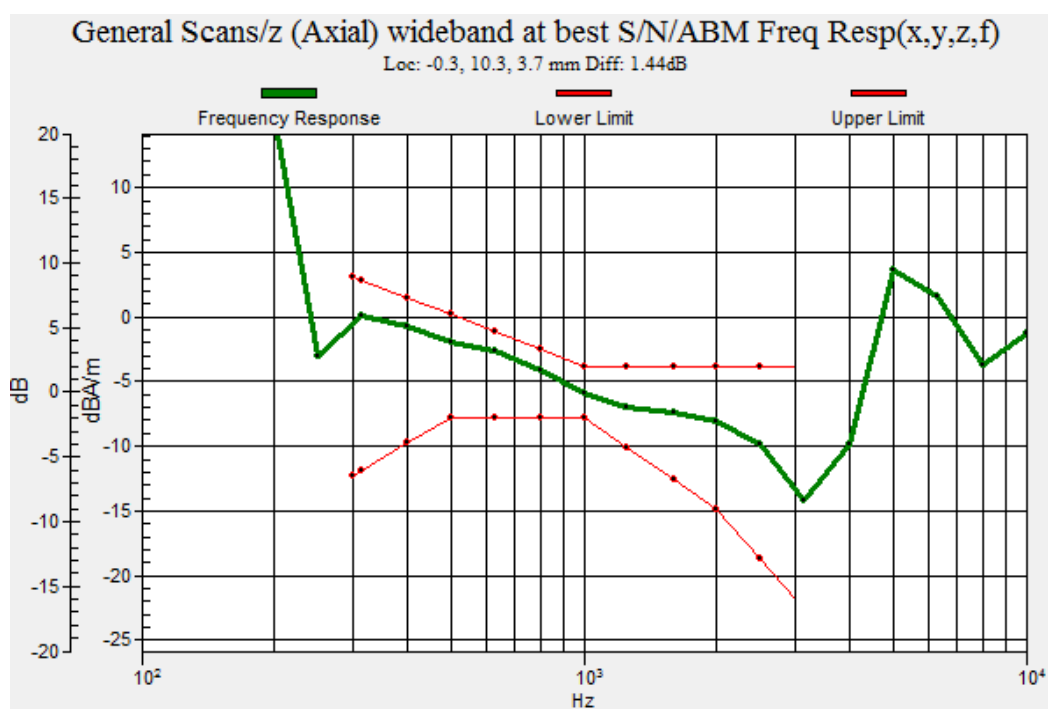
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

7_LTE 4_QPSK20M_AMR NB 4.75kbps_Ch20175_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732.5 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

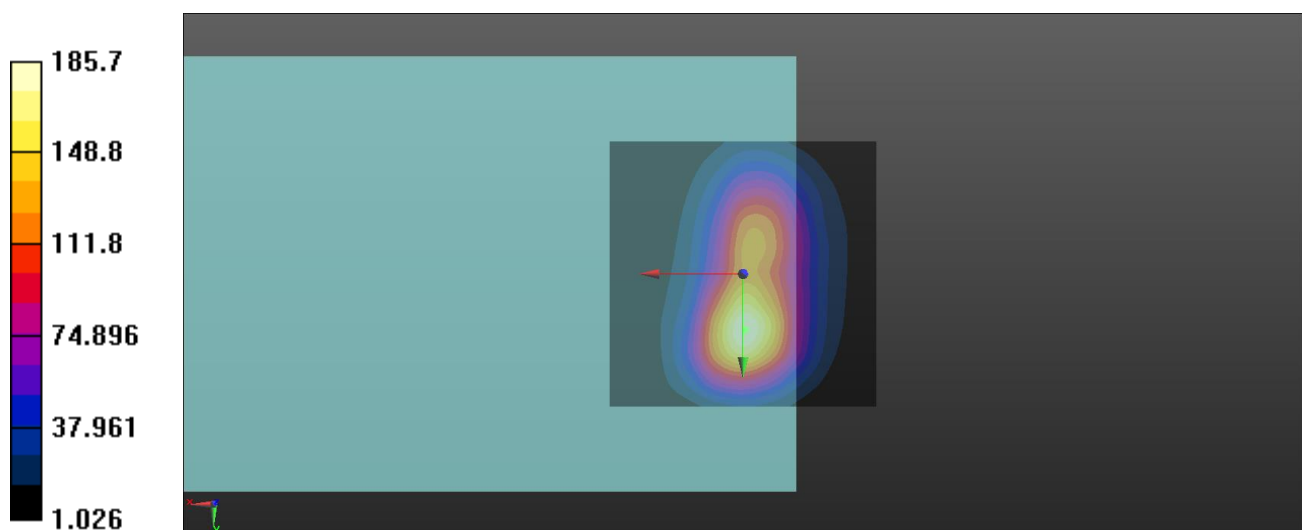
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.38 dB

ABM1 comp = -4.32 dBA/m

Location: -0.5, 10.5, 3.7 mm



Date: 2023/10/11

7_LTE 4_QPSK20M_AMR NB4.75kbps_Ch20175_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732.5 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

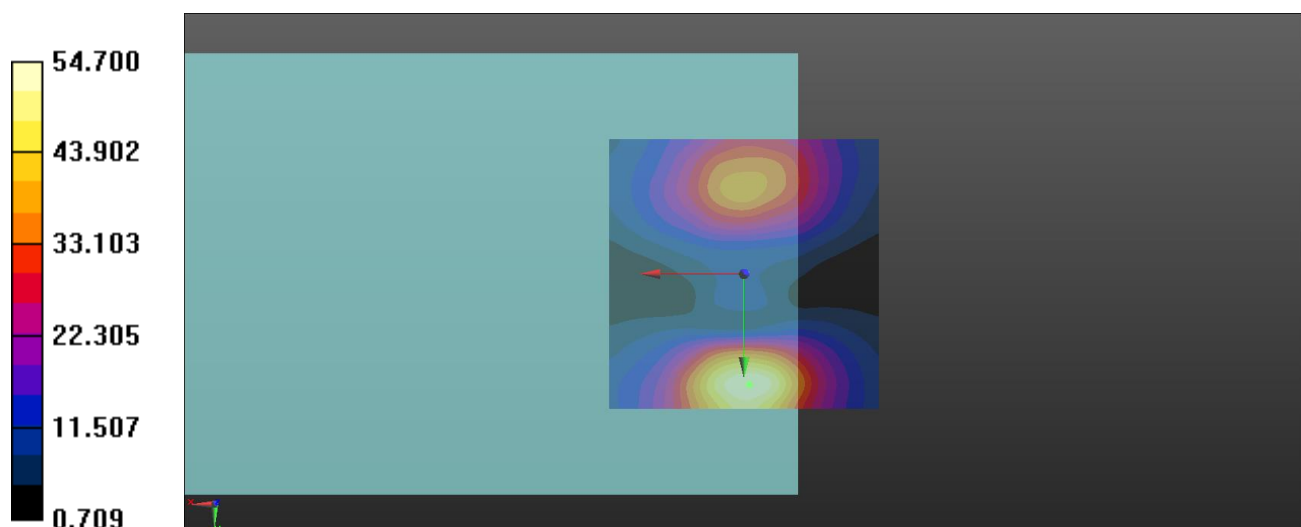
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.76 dB

ABM1 comp = -10.58 dBA/m

Location: -1, 20.5, 3.7 mm



Date: 2023/10/11

7_LTE 4_QPSK20M_AMR NB 4.75kbps_Ch20175_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1732.5 MHz; Duty Cycle: 1:3.69

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

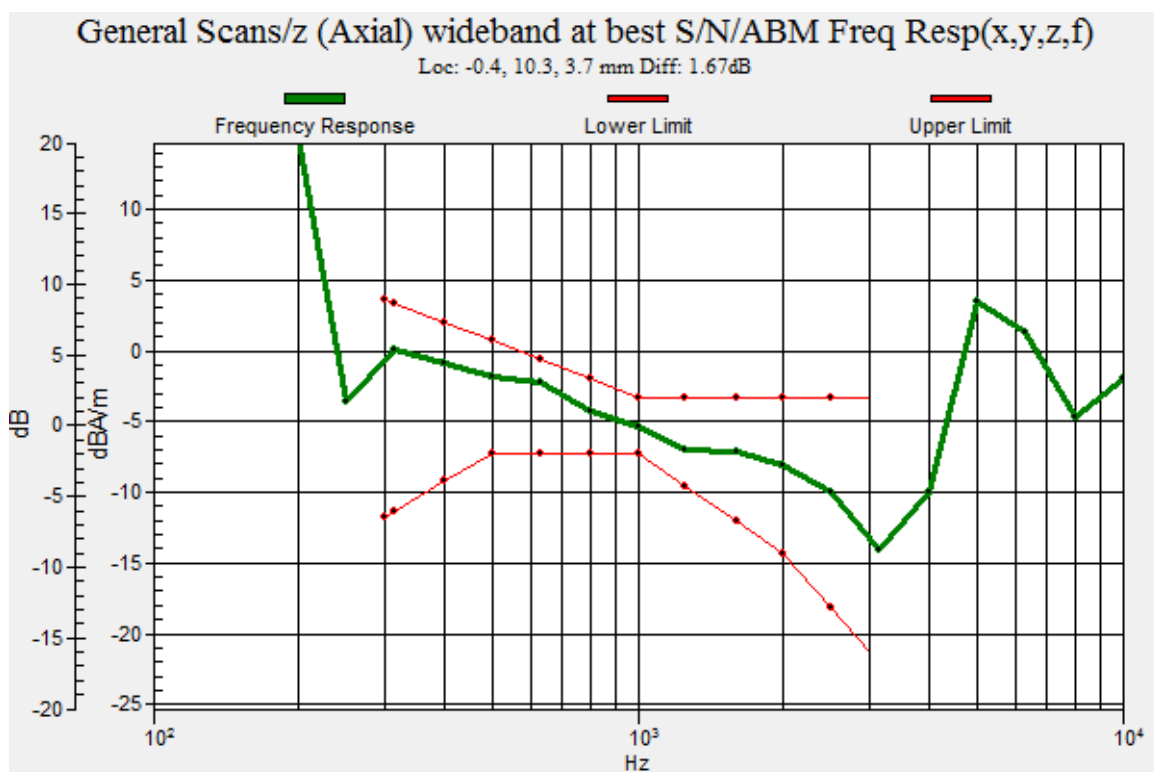
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

8_LTE 5_QPSK10M_AMR NB 4.75kbps_Ch20525_50RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 836.5 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

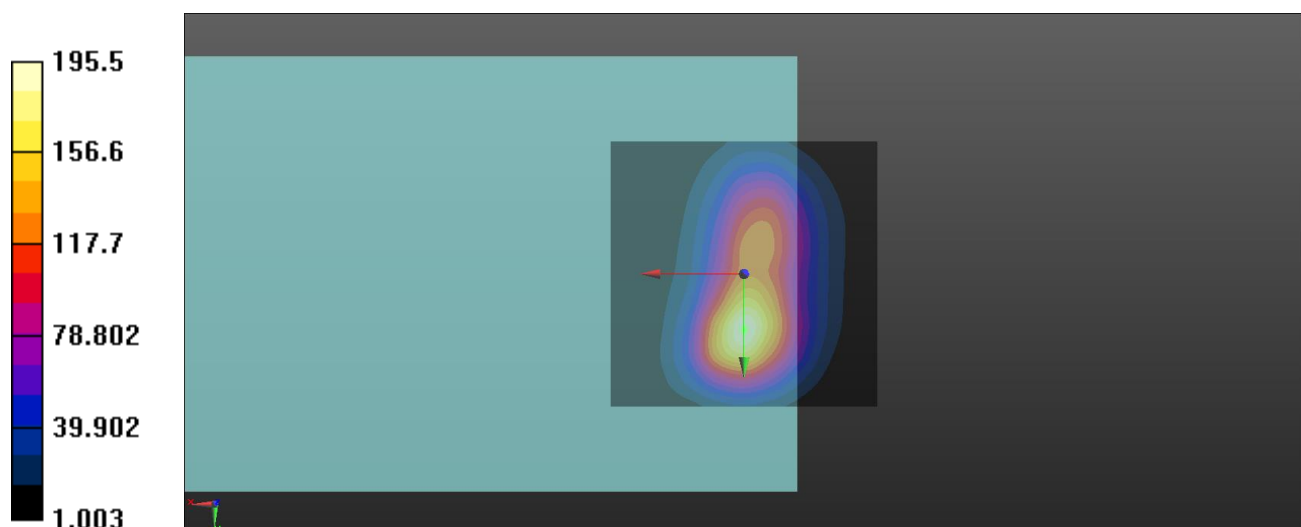
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.82 dB

ABM1 comp = -4.23 dBA/m

Location: 0, 10.5, 3.7 mm



Date: 2023/10/11

8_LTE 5_QPSK10M_AMR NB 4.75kbps_Ch20525_50RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 836.5 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

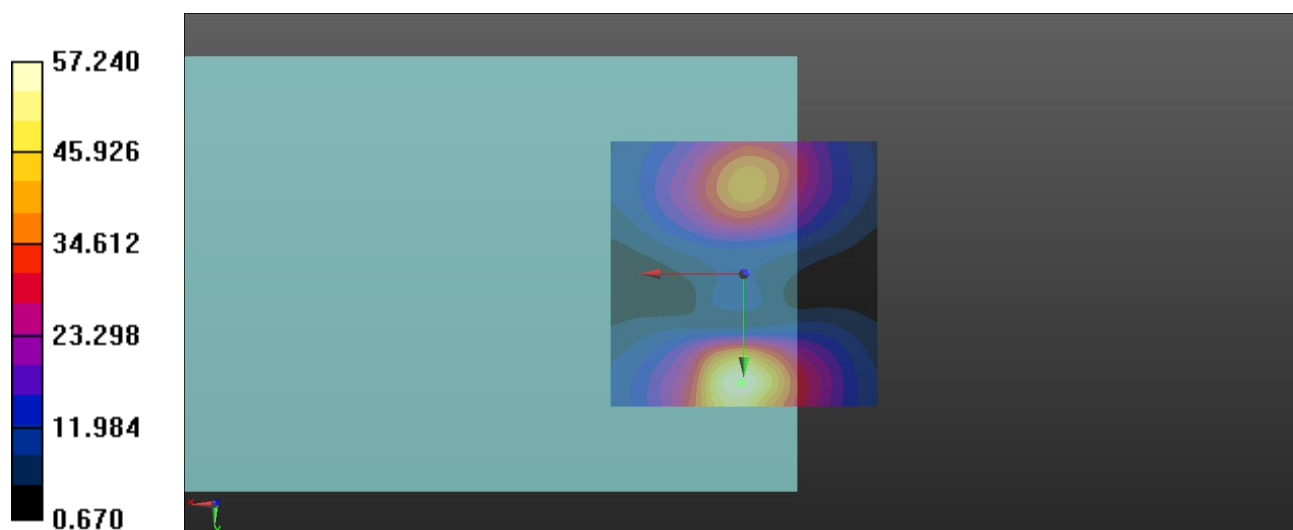
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.15 dB

ABM1 comp = -10.44 dBA/m

Location: 0.5, 20.5, 3.7 mm



Date: 2023/10/11

8_LTE 5_QPSK10M_AMR NB 4.75kbps_Ch20525_50RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 836.5 MHz; Duty Cycle: 1:3.9

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

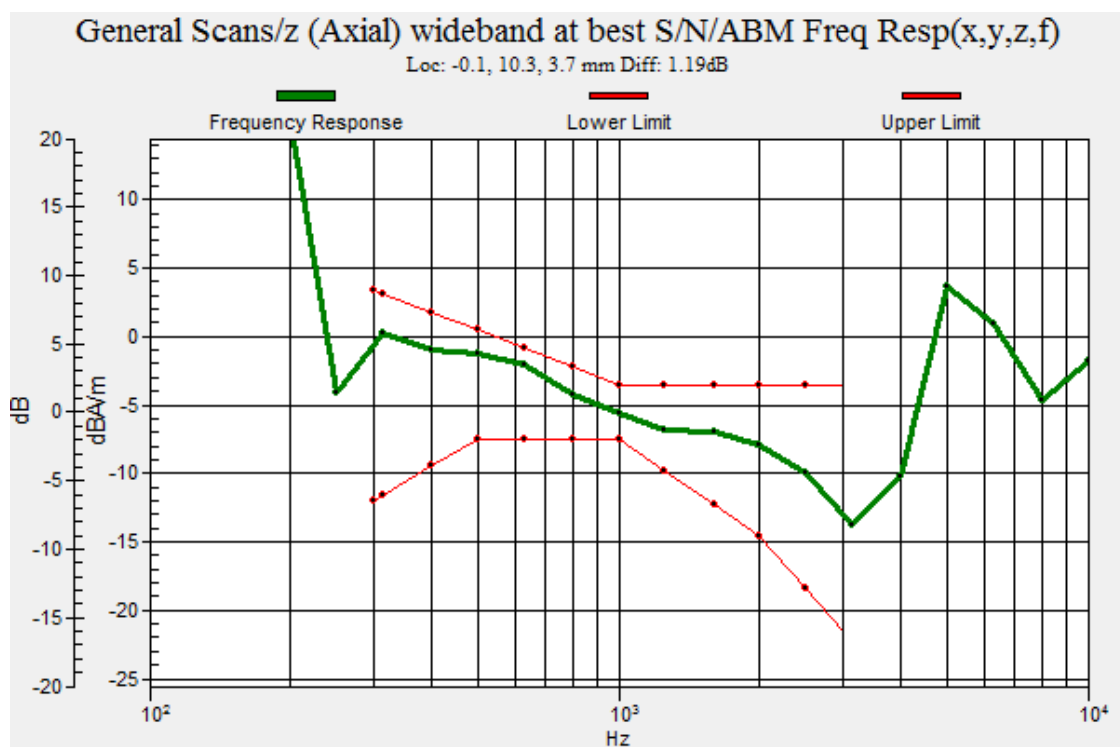
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

9_LTE 7_QPSK20M_AMR NB4.75kbps_Ch21100_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2535 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

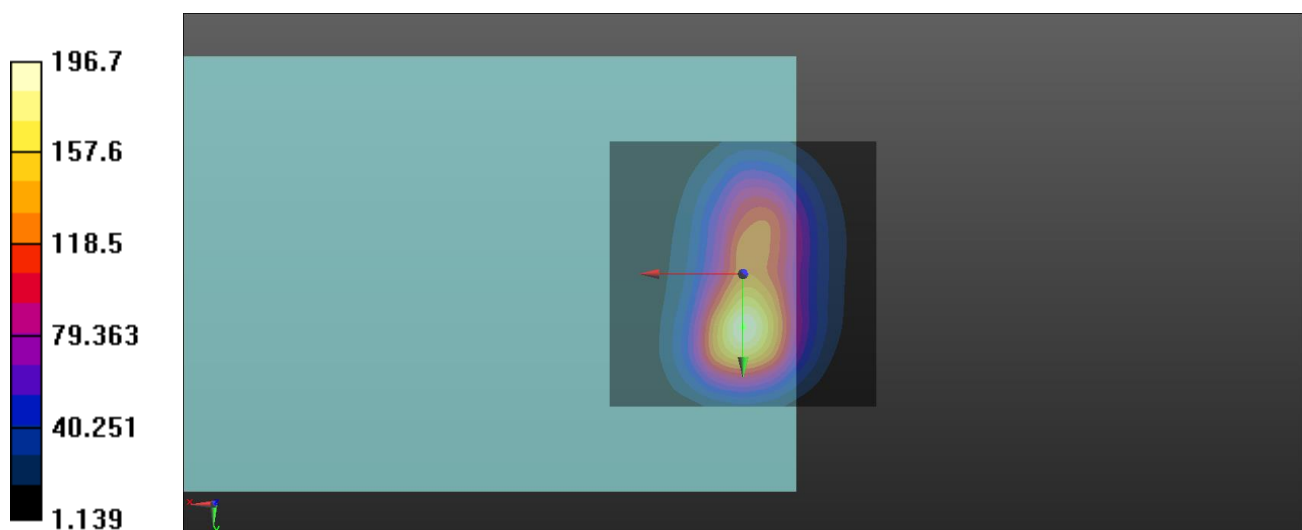
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.88 dB

ABM1 comp = -4.25 dBA/m

Location: 0, 10, 3.7 mm



Date: 2023/10/11

9_LTE 7_QPSK20M_AMR NB4.75kbps_Ch21100_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2535 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

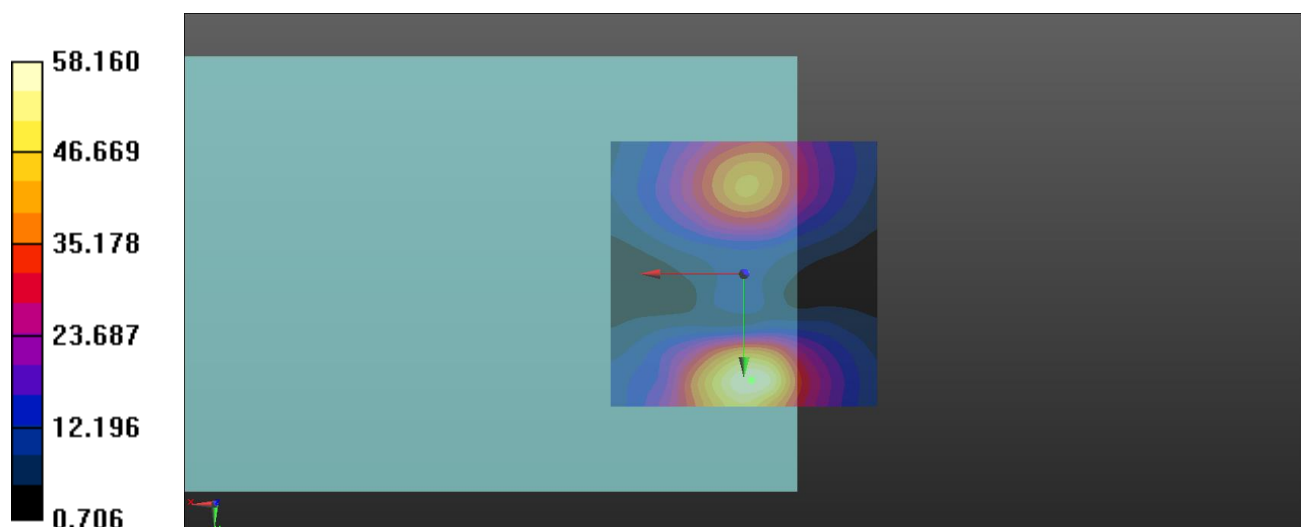
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.29 dB

ABM1 comp = -10.73 dBA/m

Location: -1.5, 20, 3.7 mm



Date: 2023/10/11

9_LTE 7_QPSK20M_AMR NB4.75kbps_Ch21100_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2535 MHz; Duty Cycle: 1:3.69

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

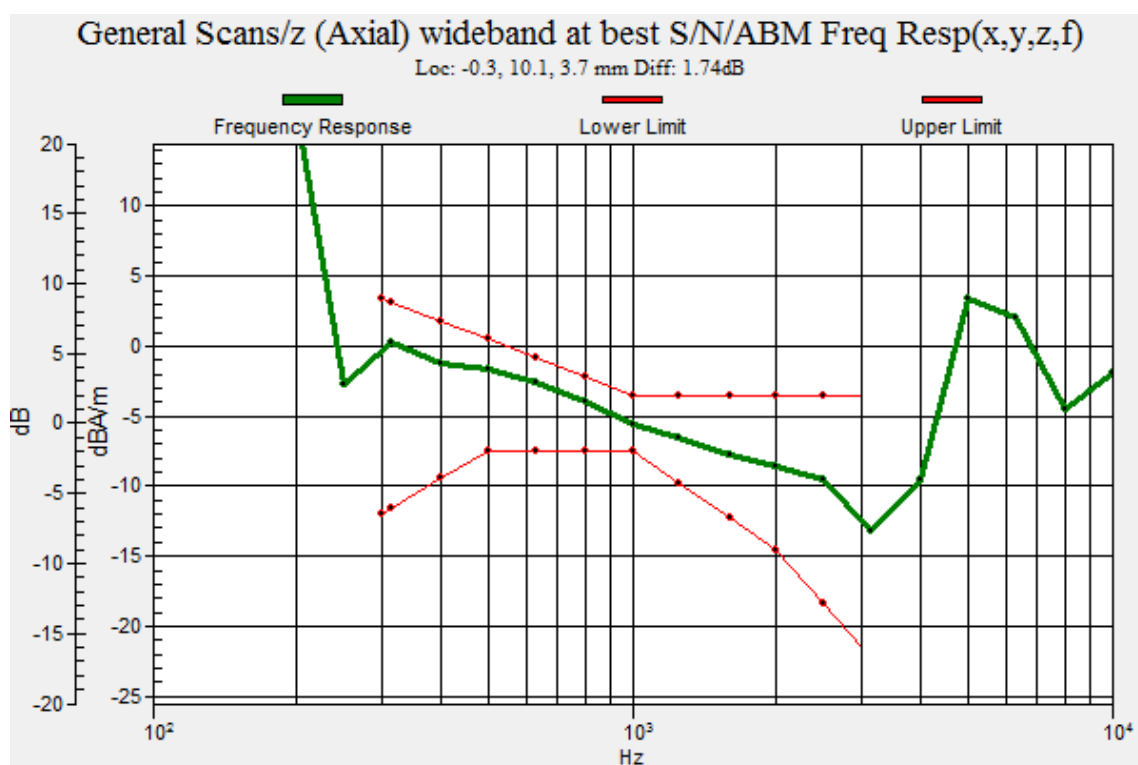
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

10_LTE 12_QPSK10M_AMR NB 4.75kbps_Ch23095_50RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 707.5 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

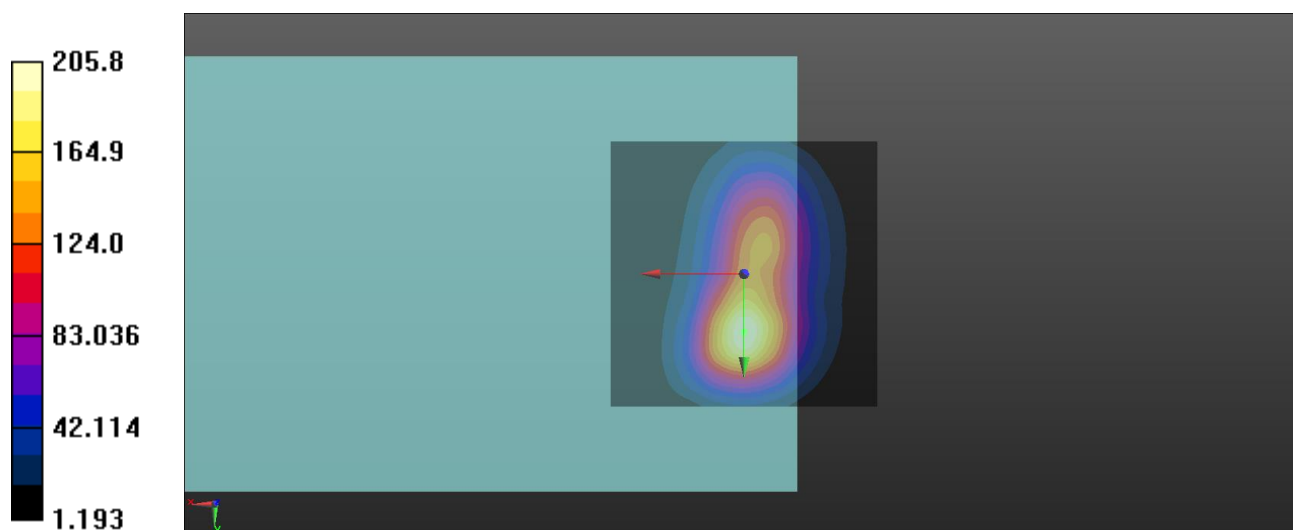
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.27 dB

ABM1 comp = -4.07 dBA/m

Location: 0, 11, 3.7 mm



Date: 2023/10/11

10_LTE 12_QPSK10M_AMR NB 4.75kbps_Ch23095_50RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 707.5 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

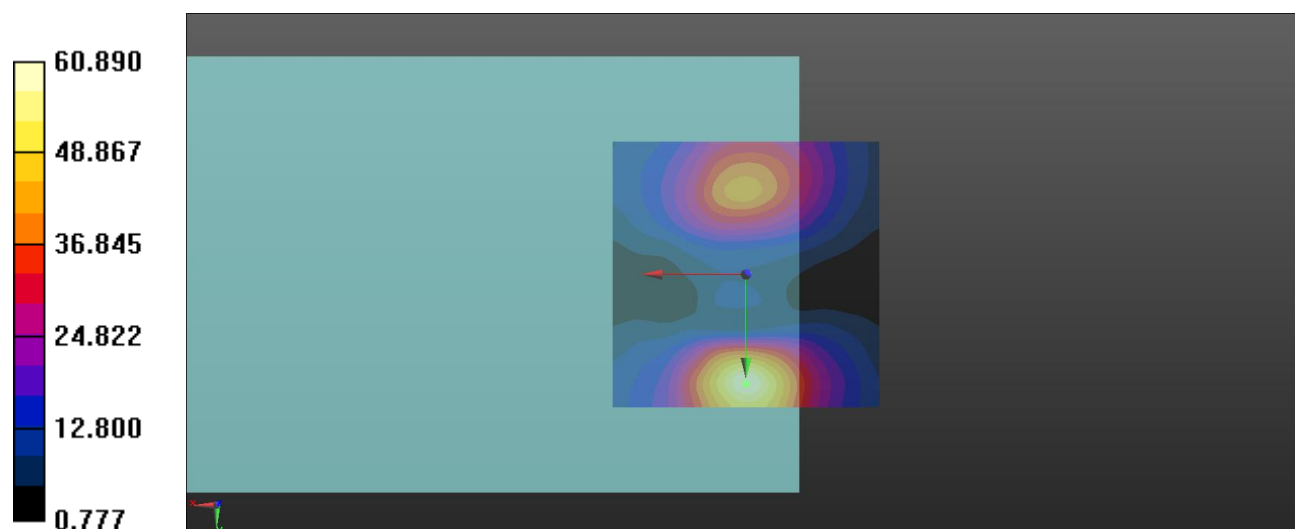
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.69 dB

ABM1 comp = -10.41 dBA/m

Location: 0, 20.5, 3.7 mm



Date: 2023/10/11

10_LTE 12_QPSK10M_AMR NB 4.75kbps_Ch23095_50RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 707.5 MHz; Duty Cycle: 1:3.9

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

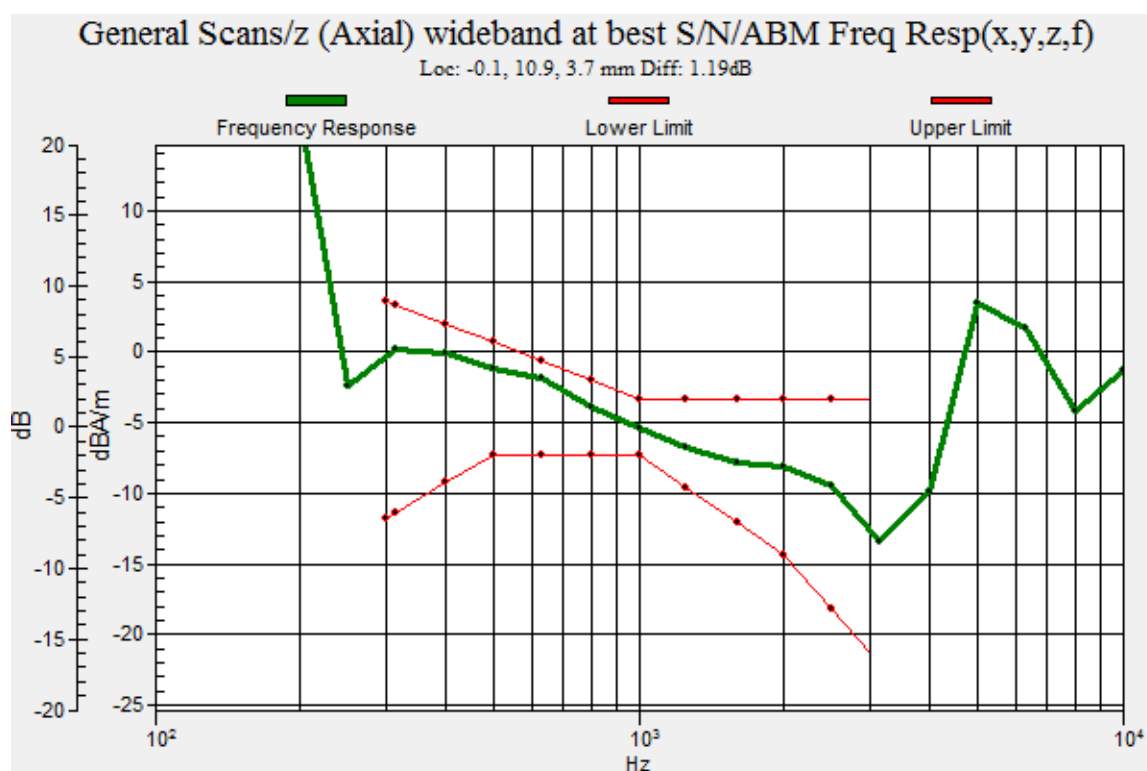
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

11_LTE 13_QPSK10M_AMR NB 4.75kbps_Ch23230_50RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

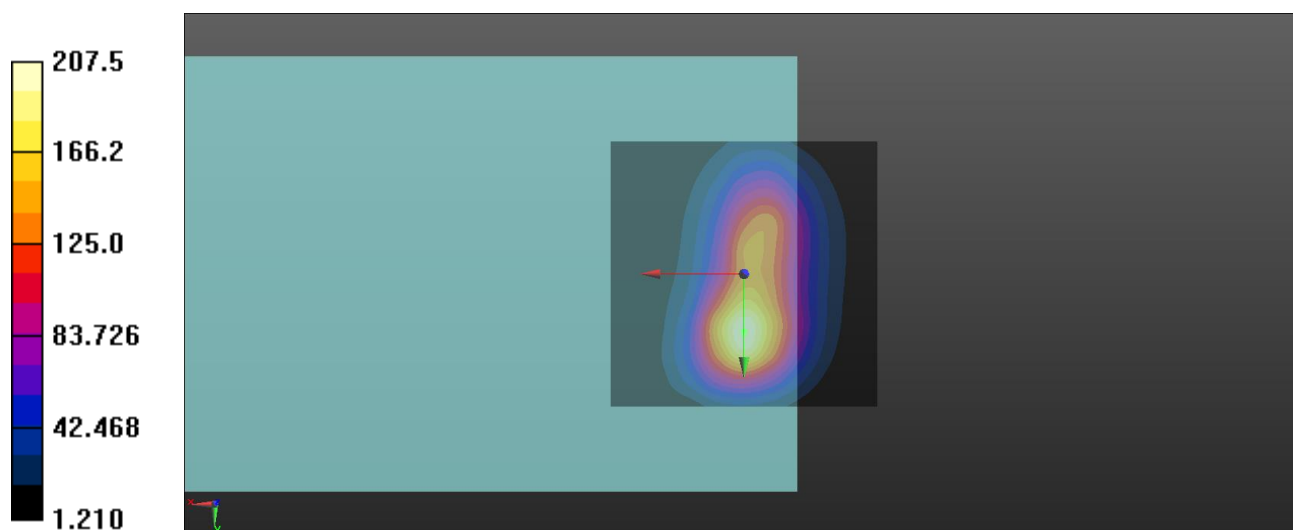
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.34 dB

ABM1 comp = -4.15 dBA/m

Location: 0, 11, 3.7 mm



Date: 2023/10/11

11_LTE 13_QPSK10M_AMR NB 4.75kbps_Ch23230_50RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

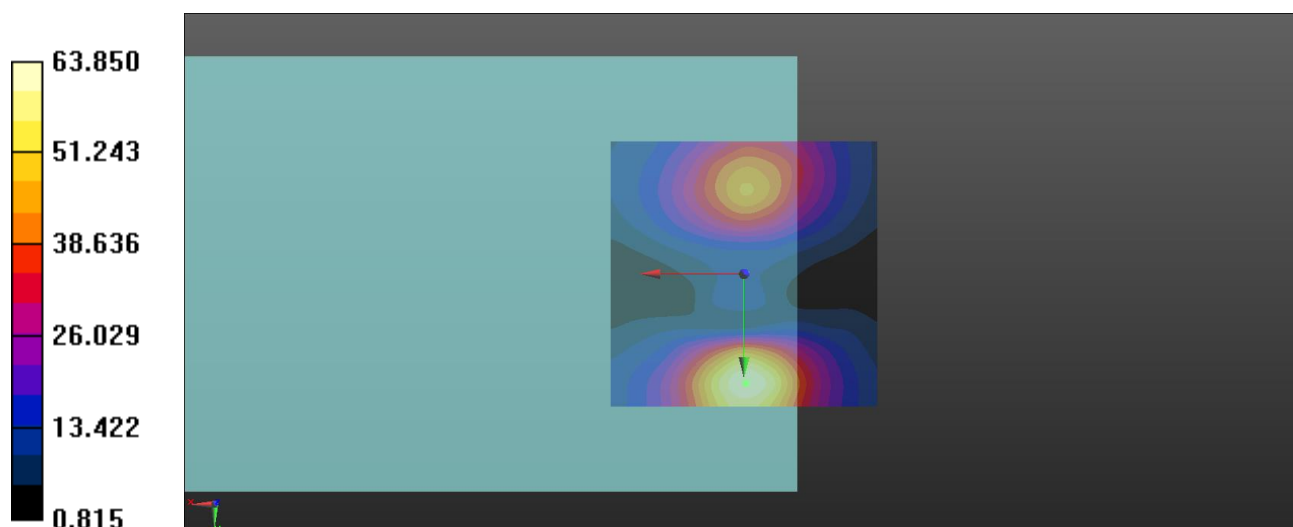
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 36.10 dB

ABM1 comp = -10.45 dBA/m

Location: -0.5, 20.5, 3.7 mm



Date: 2023/10/11

11_LTE 13_QPSK10M_AMR NB 4.75kbps_Ch23230_50RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:3.9

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

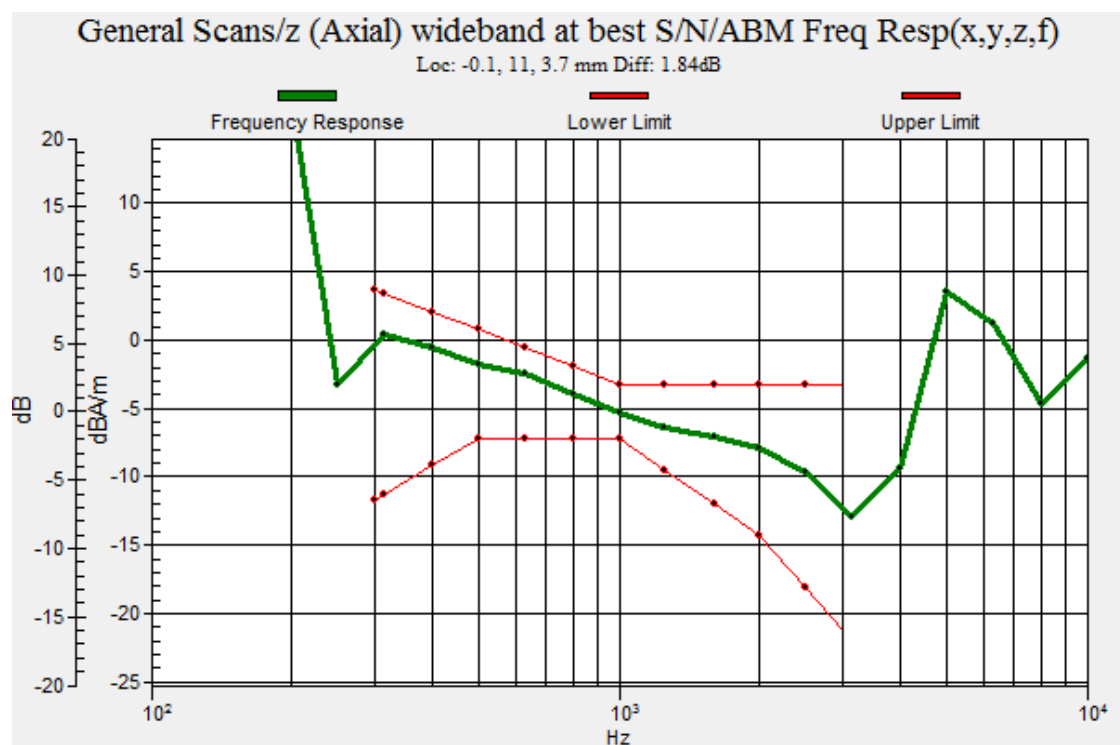
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

12_LTE 14_QPSK10M_AMR NB4.75kbps_Ch23330_50RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 793 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

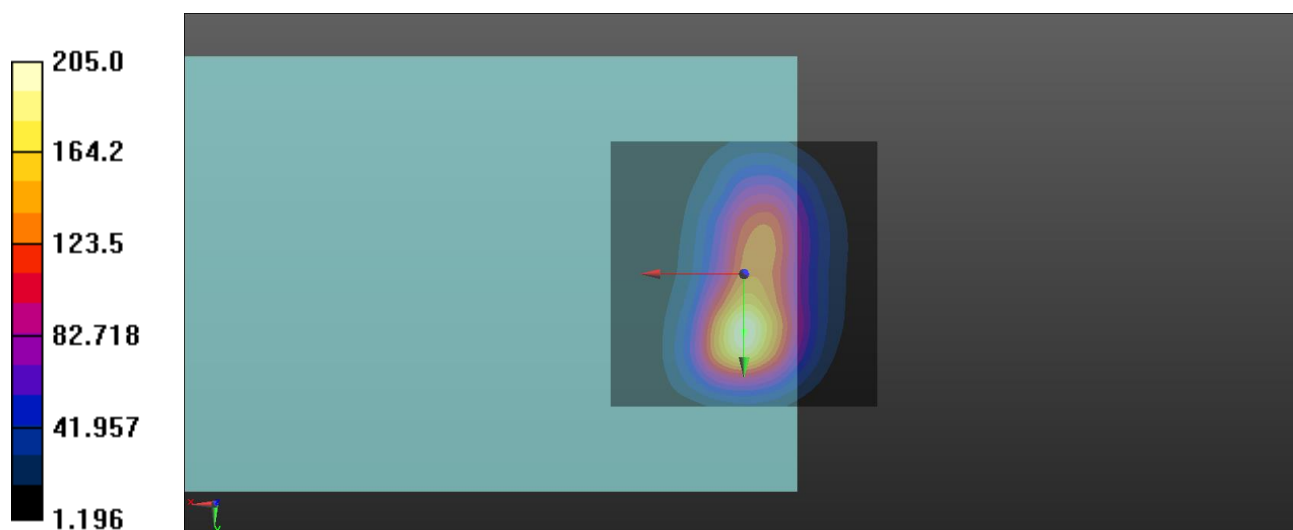
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.24 dB

ABM1 comp = -4.11 dBA/m

Location: 0, 11, 3.7 mm



Date: 2023/10/11

12_LTE 14_QPSK10M_AMR NB4.75kbps_Ch23330_50RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 793 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

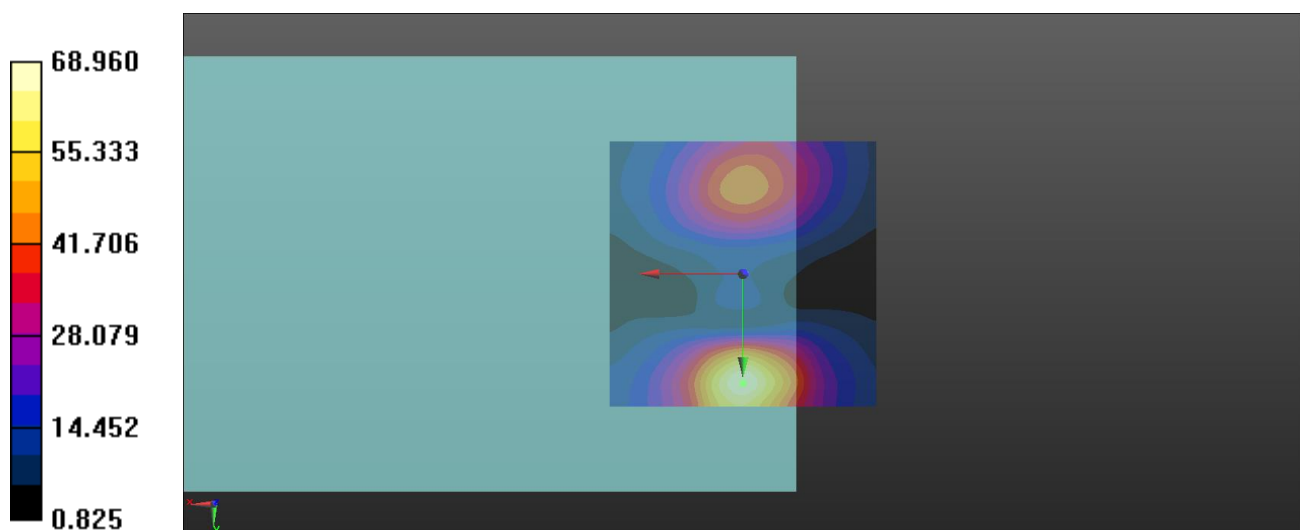
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 36.77 dB

ABM1 comp = -10.52 dBA/m

Location: 0, 20.5, 3.7 mm



Date: 2023/10/11

12_LTE 14_QPSK10M_AMR NB4.75kbps_Ch23330_50RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 793 MHz; Duty Cycle: 1:3.9

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

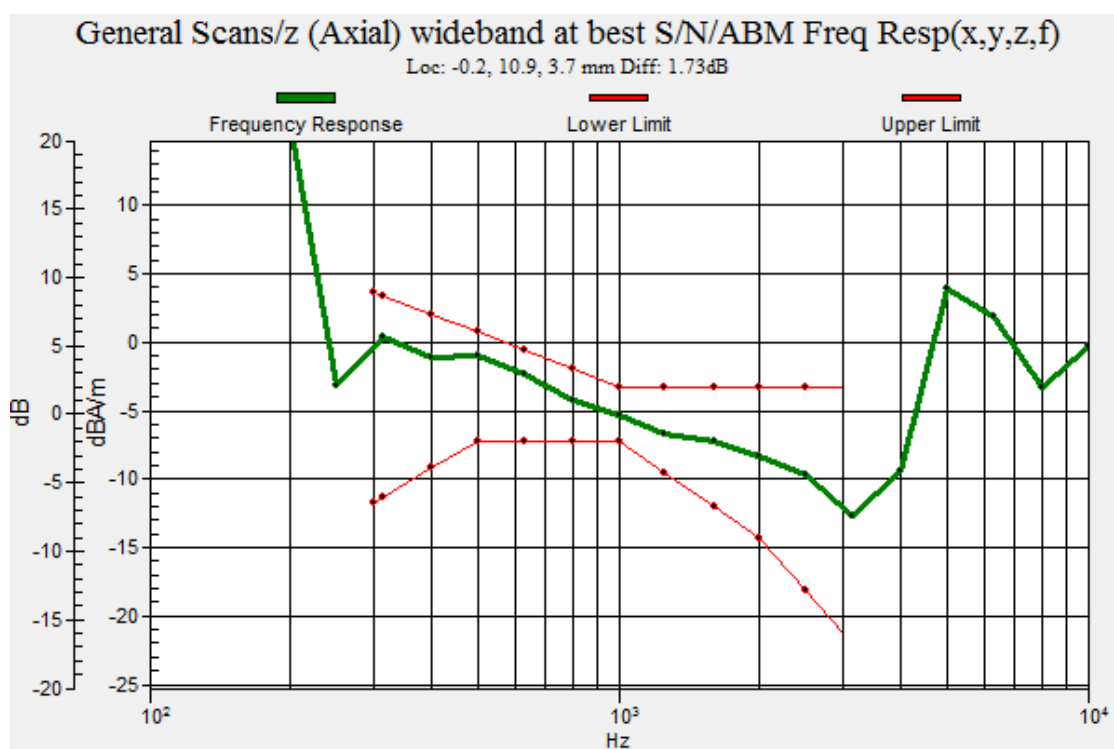
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

13_LTE 25_QPSK20M_AMR NB 4.75kbps_Ch26365_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1882.5 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

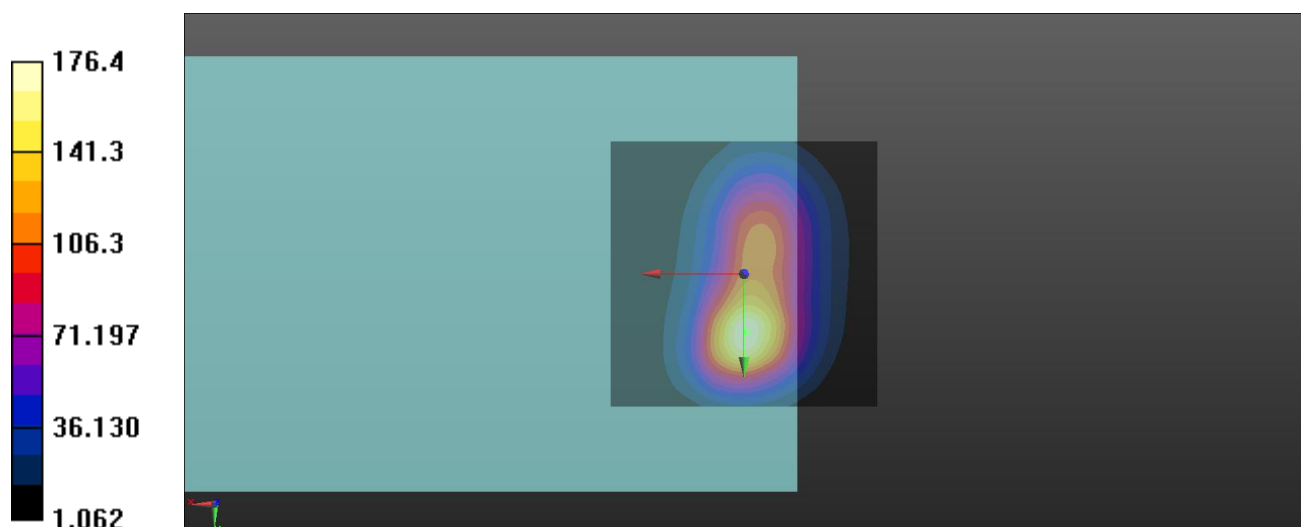
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.93 dB

ABM1 comp = -4.29 dBA/m

Location: -0.5, 11, 3.7 mm



Date: 2023/10/11

13_LTE 25_QPSK20M_AMR NB 4.75kbps_Ch26365_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1882.5 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

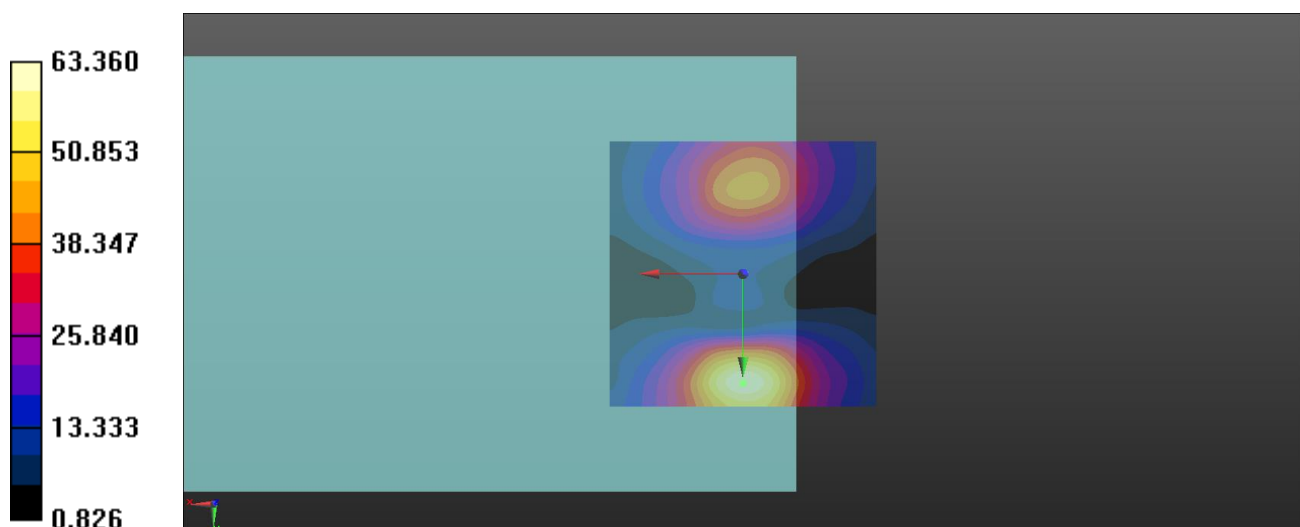
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 36.04 dB

ABM1 comp = -10.62 dBA/m

Location: 0, 20.5, 3.7 mm



Date: 2023/10/11

13_LTE 25_QPSK20M_AMR NB 4.75kbps_Ch26365_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1882.5 MHz; Duty Cycle: 1:3.69

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

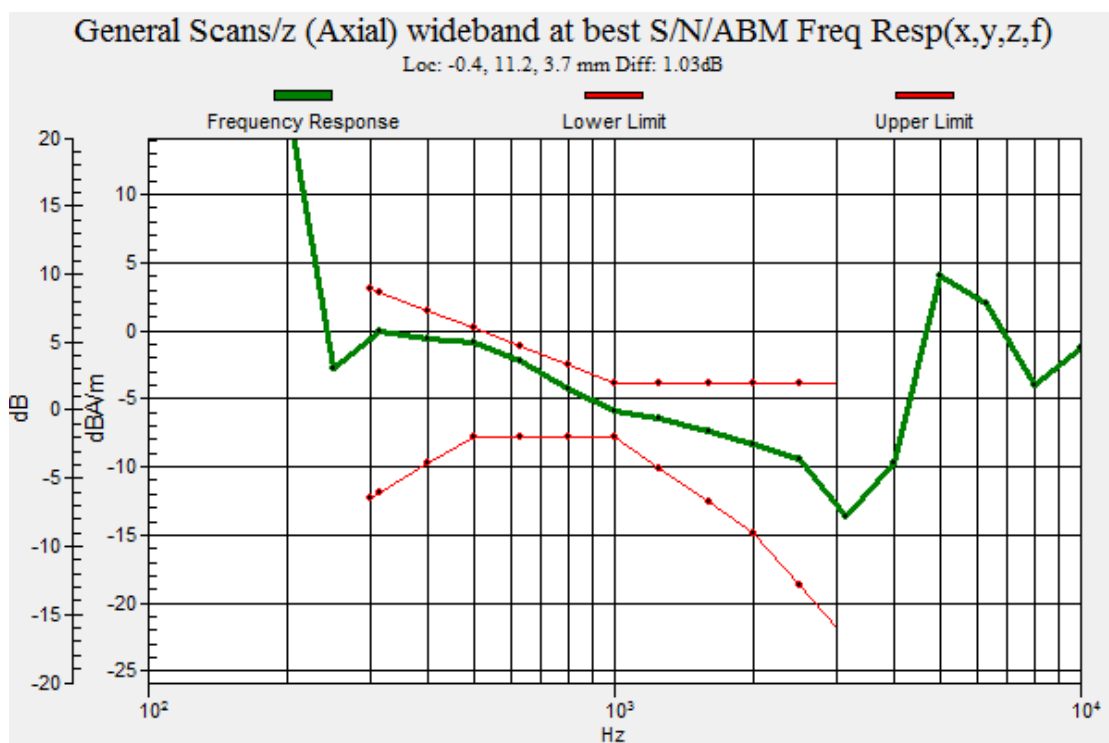
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

14_LTE 26_QPSK15M_AMR NB 4.75kbps_Ch26865_75RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10311 - AAE, LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK); Frequency: 831.5 MHz; Duty Cycle: 1:4.04

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

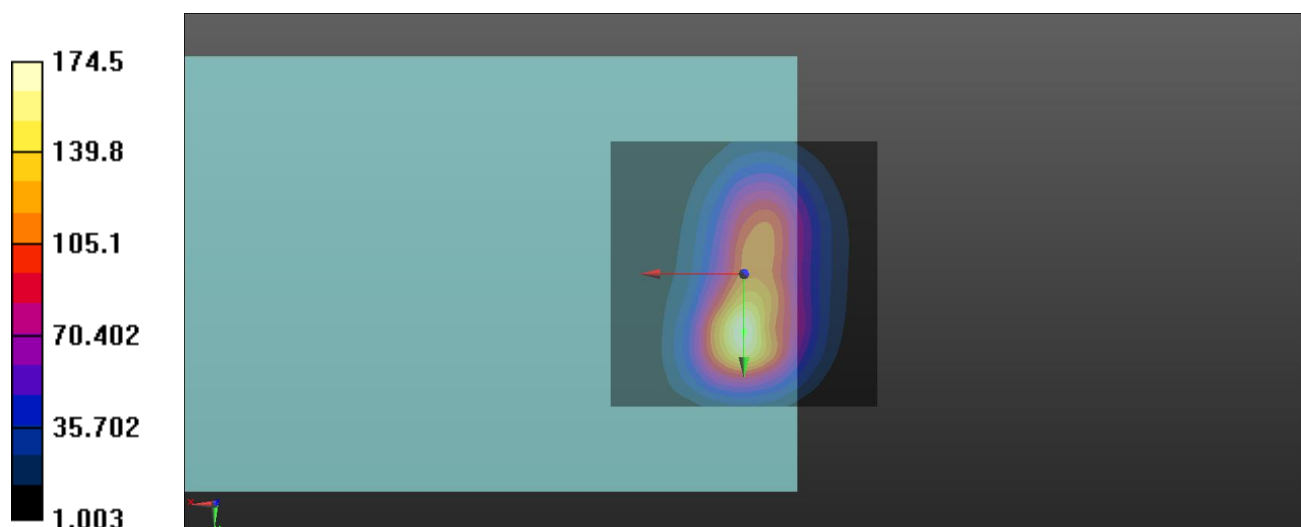
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.84 dB

ABM1 comp = -4.16 dBA/m

Location: 0, 11, 3.7 mm



Date: 2023/10/11

14_LTE 26_QPSK15M_AMR NB 4.75kbps_Ch26865_75RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10311 - AAE, LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK); Frequency: 831.5 MHz; Duty Cycle: 1:4.04

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

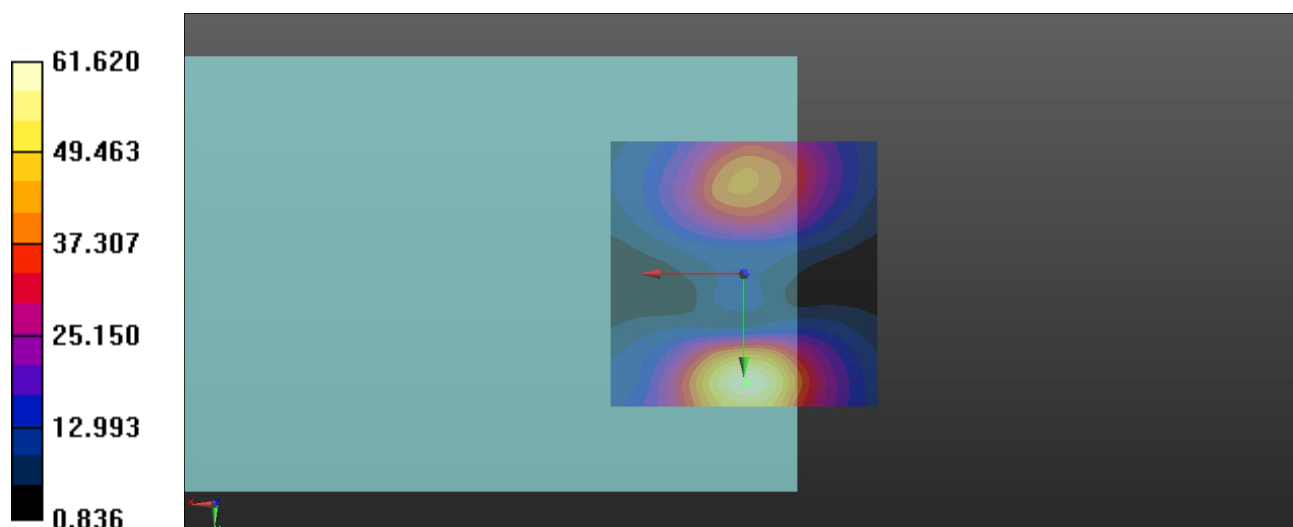
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.79 dB

ABM1 comp = -10.44 dBA/m

Location: -0.5, 20.5, 3.7 mm



Date: 2023/10/11

14_LTE 26_QPSK15M_AMR NB 4.75kbps_Ch26865_75RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10311 - AAE, LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK); Frequency: 831.5 MHz; Duty Cycle: 1:4.04

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

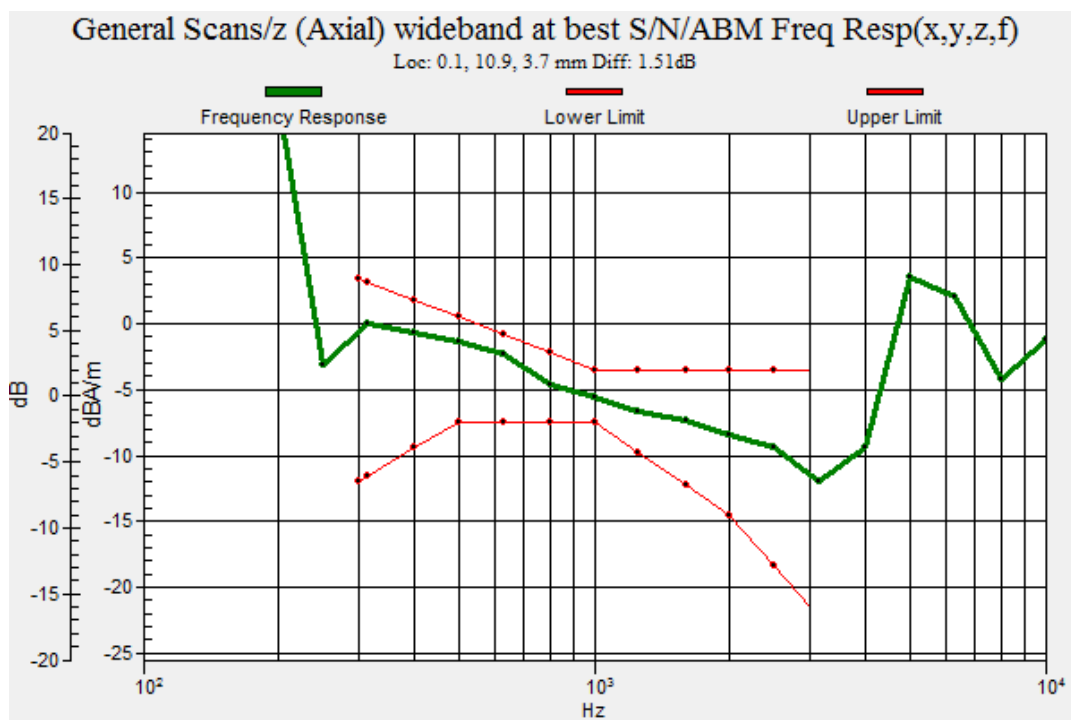
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

15_LTE 30_QPSK10M_AMR NB 4.75kbps_Ch27710_50RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

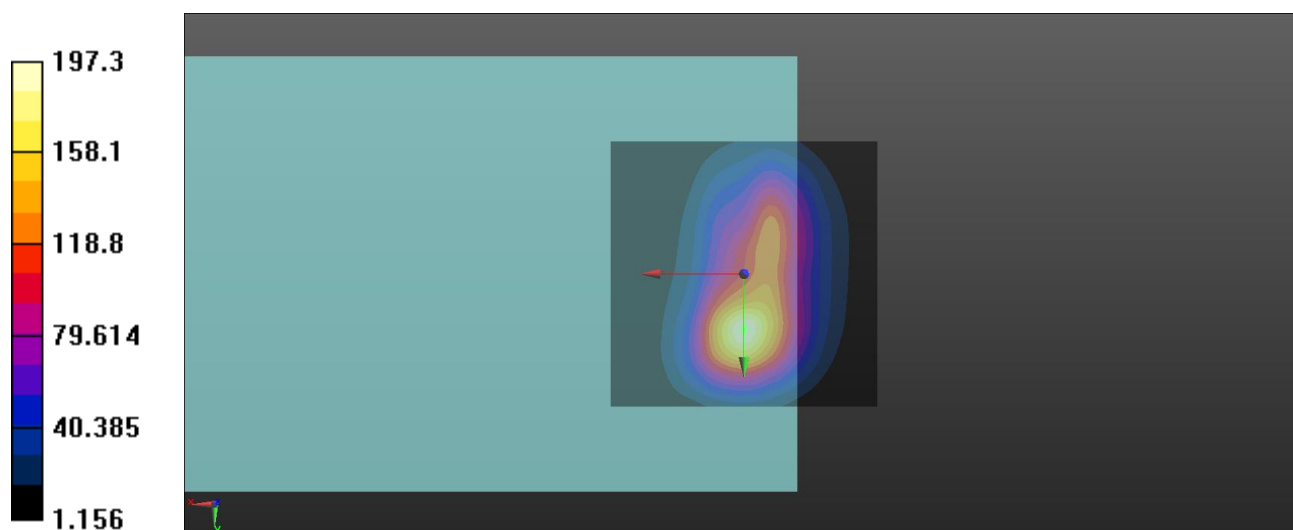
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 45.90 dB

ABM1 comp = -4.42 dBA/m

Location: 0, 10.5, 3.7 mm



Date: 2023/10/11

15_LTE 30_QPSK10M_AMR NB 4.75kbps_Ch27710_50RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.9

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

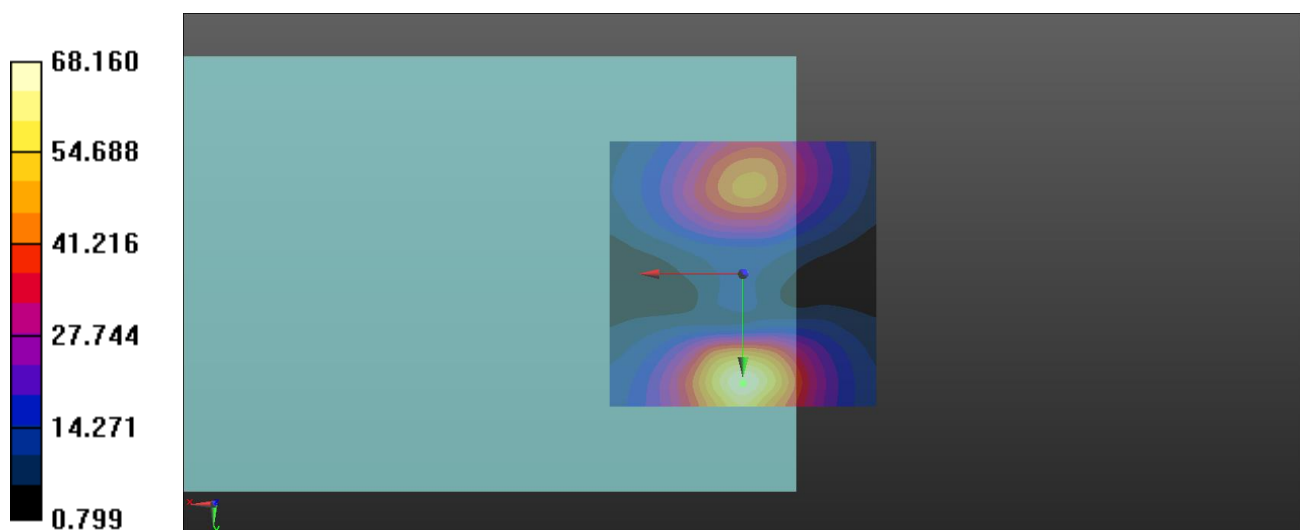
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 36.67 dB

ABM1 comp = -10.66 dBA/m

Location: 0, 20.5, 3.7 mm



Date: 2023/10/11

15_LTE 30_QPSK10M_AMR NB 4.75kbps_Ch27710_50RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10108 - CAH, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.9

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

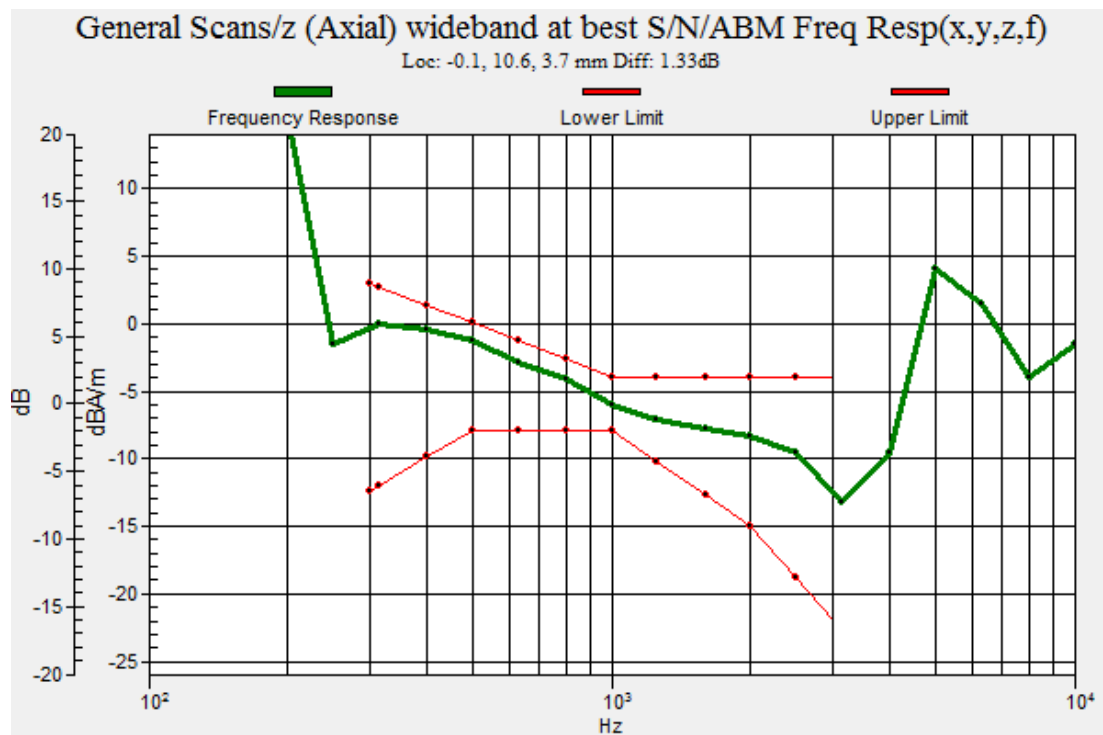
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

16_LTE 66_QPSK20M_AMR NB 4.75kbps_Ch132322_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1745 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

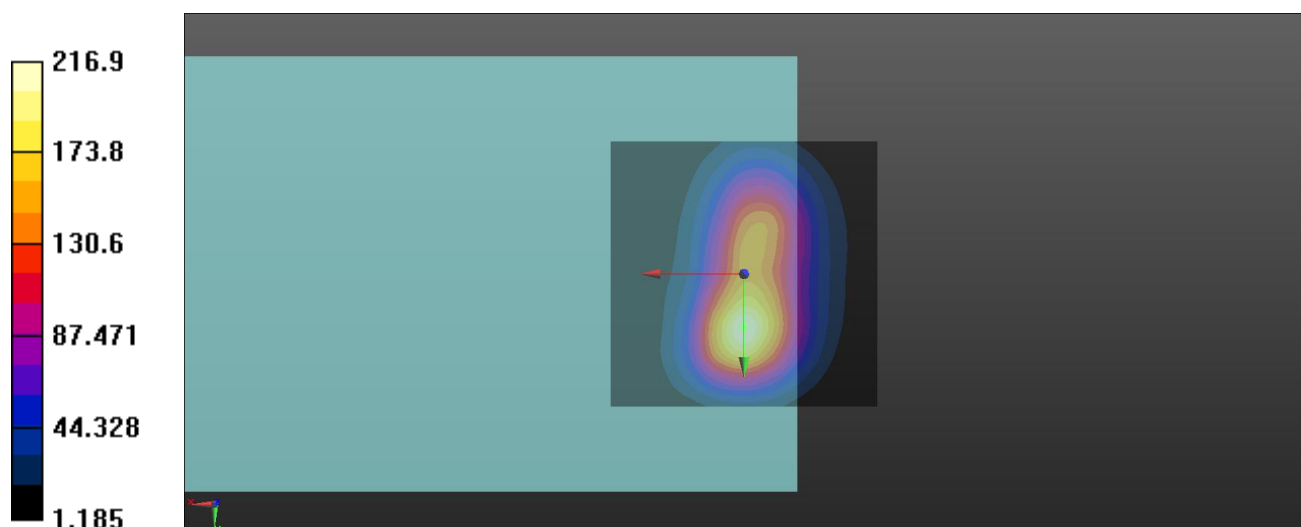
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.72 dB

ABM1 comp = -4.27 dBA/m

Location: 0, 10, 3.7 mm



Date: 2023/10/11

16_LTE 66_QPSK20M_AMR NB 4.75kbps_Ch132322_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1745 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

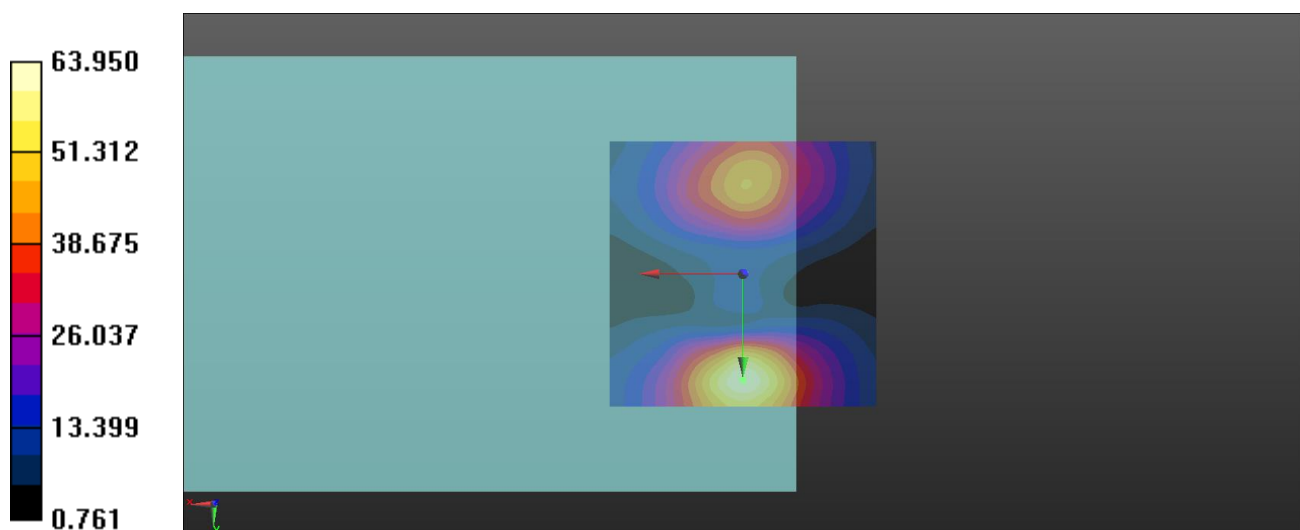
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 36.12 dB

ABM1 comp = -10.76 dBA/m

Location: 0, 20, 3.7 mm



Date: 2023/10/11

16_LTE 66_QPSK20M_AMR NB 4.75kbps_Ch132322_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 1745 MHz; Duty Cycle: 1:3.69

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

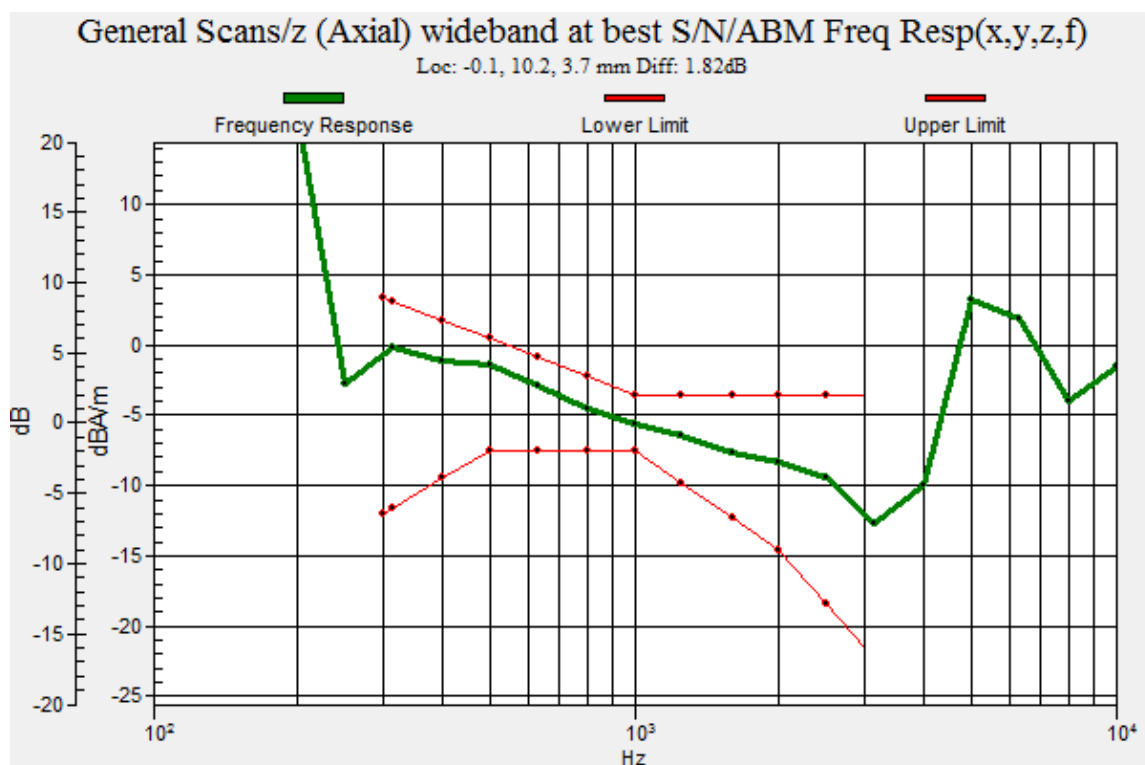
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/11

17_LTE 71_QPSK20M_AMR NB 4.75kbps_Ch133297_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 680.5 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

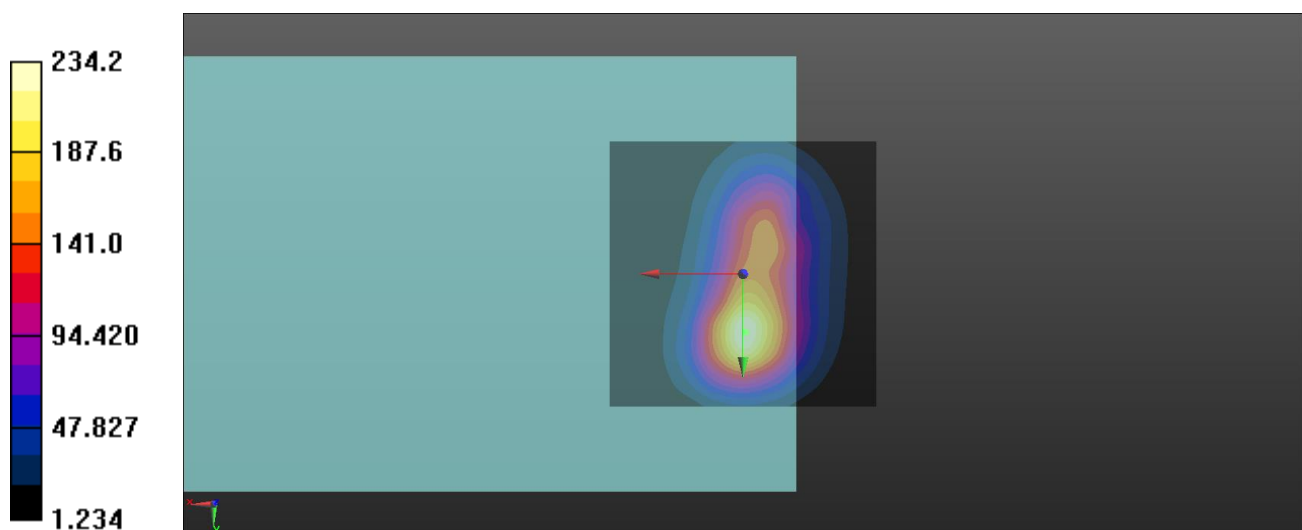
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.39 dB

ABM1 comp = -4.03 dBA/m

Location: -0.5, 11, 3.7 mm



Date: 2023/10/11

17_LTE 71_QPSK20M_AMR NB 4.75kbps_Ch133297_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 680.5 MHz; Duty Cycle: 1:3.69

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

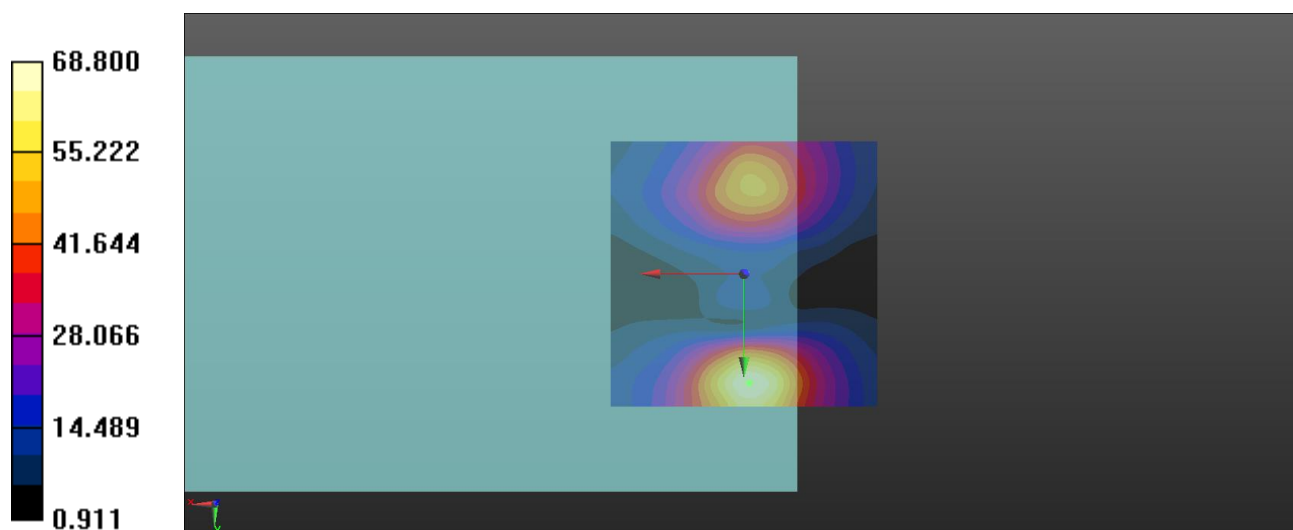
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 36.75 dB

ABM1 comp = -10.54 dBA/m

Location: -1, 20.5, 3.7 mm



Date: 2023/10/11

17_LTE 71_QPSK20M_AMR NB 4.75kbps_Ch133297_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10100 - CAF, LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 680.5 MHz; Duty Cycle: 1:3.69

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

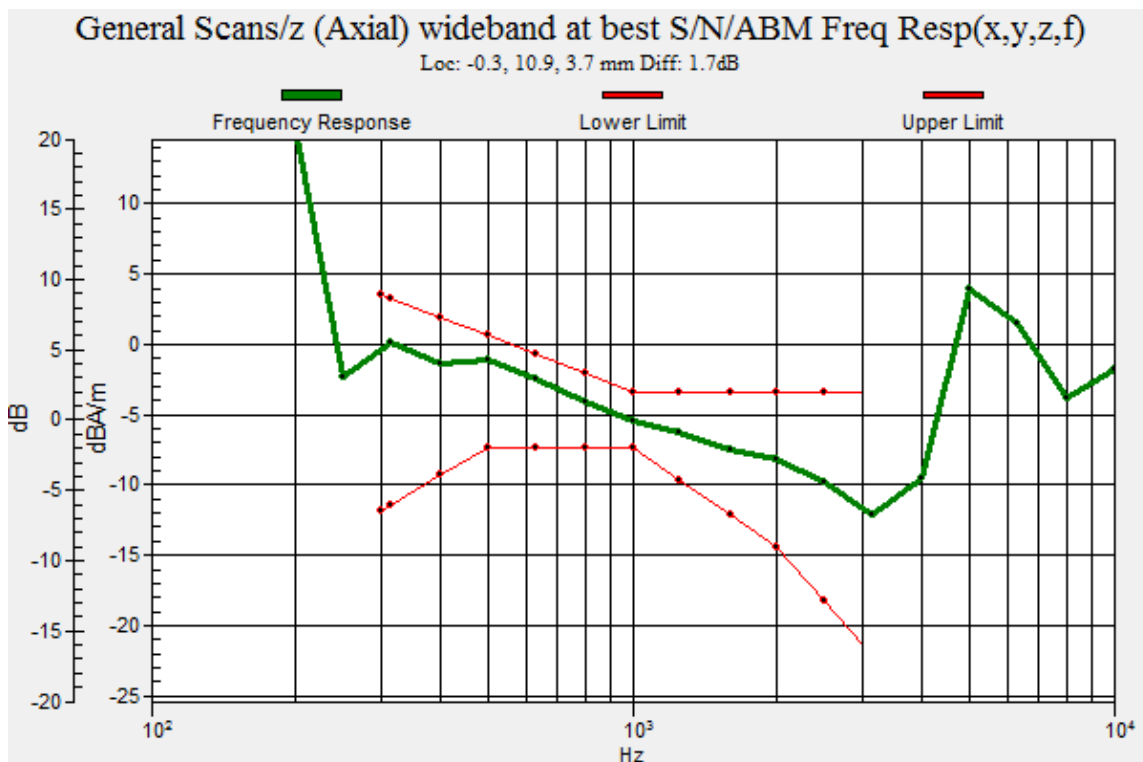
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/12

18_LTE 38_QPSK20M_EVS WB 5.9kbps_Ch38000_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

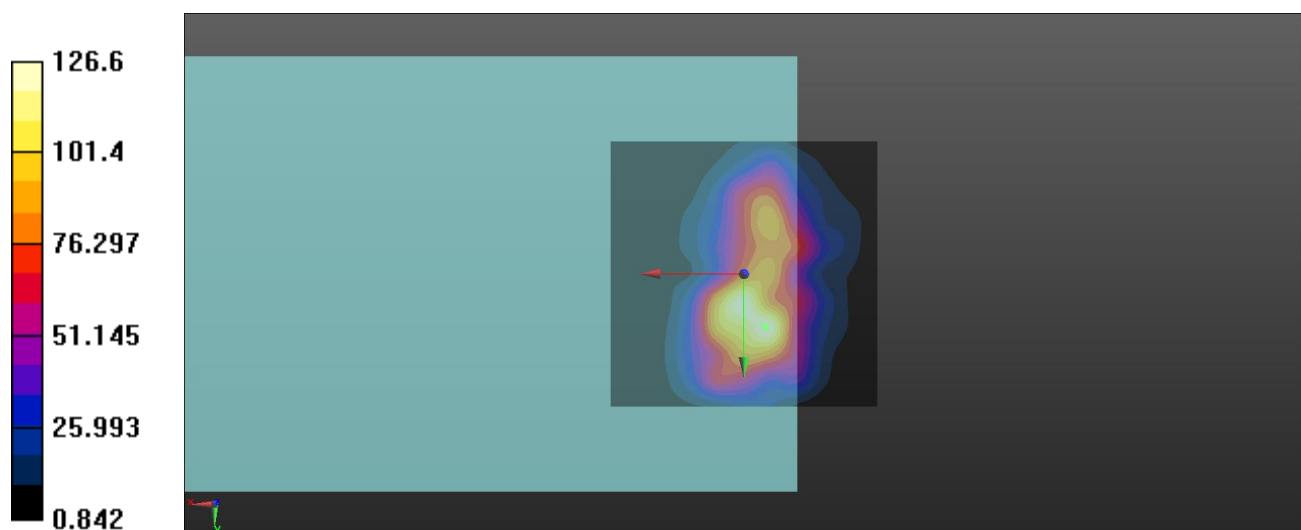
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.05 dB

ABM1 comp = -6.83 dBA/m

Location: -4, 10, 3.7 mm



Date: 2023/10/12

18_LTE 38_QPSK20M_EVS WB 5.9kbps_Ch38000_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

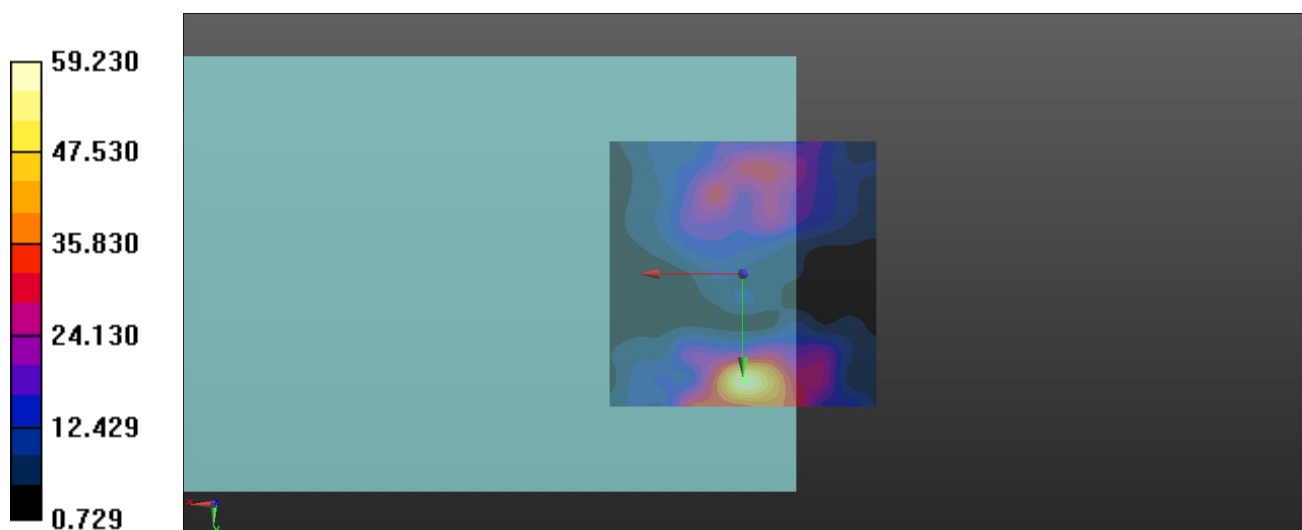
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.45 dB

ABM1 comp = -10.44 dBA/m

Location: -0.5, 20, 3.7 mm



Date: 2023/10/12

18_LTE 38_QPSK20M_EVS WB 5.9kbps_Ch38000_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:8.49

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

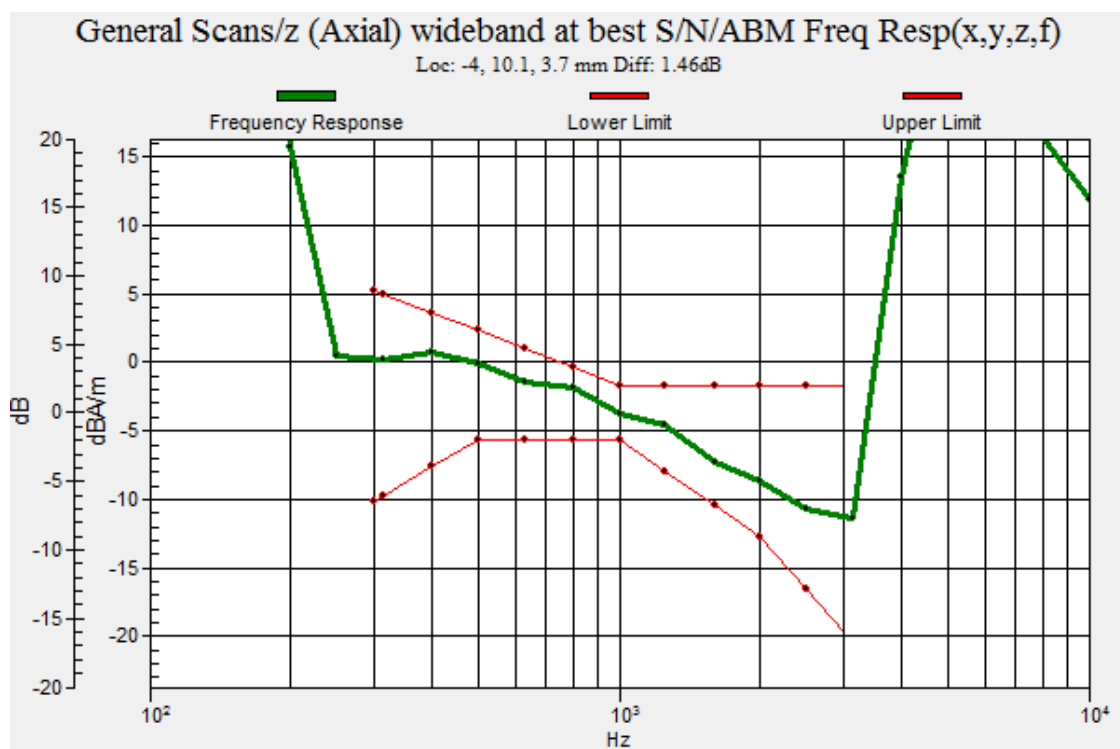
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/12

19_LTE 40_QPSK20M_EVS WB 5.9kbps_Ch39150_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2350 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

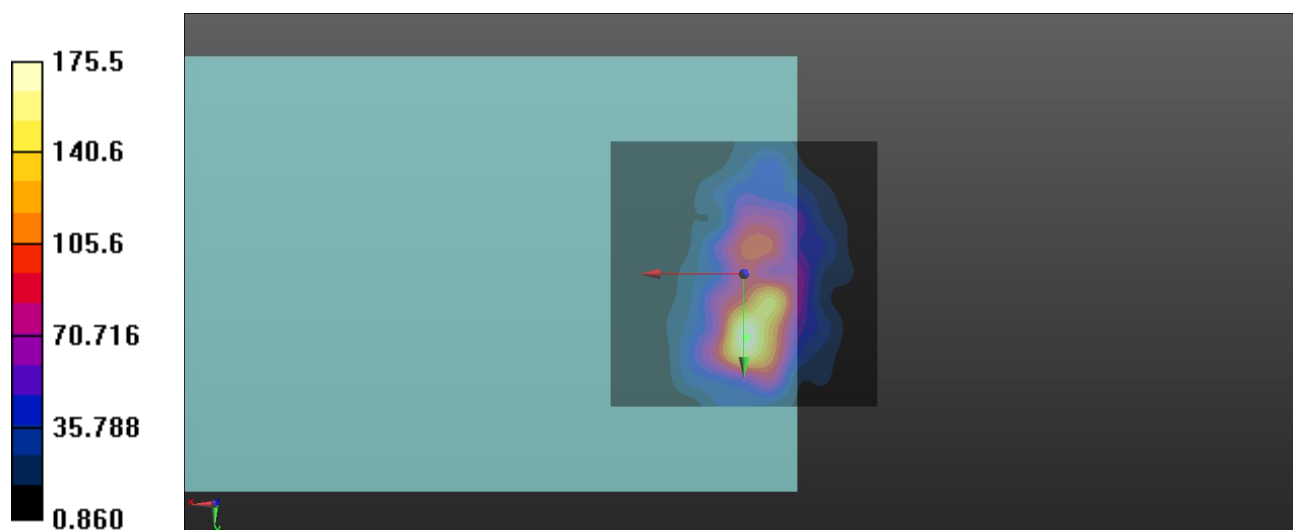
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.89 dB

ABM1 comp = -4.19 dBA/m

Location: -0.5, 12, 3.7 mm



Date: 2023/10/12

19_LTE 40_QPSK20M_EVS WB 5.9kbps_Ch39150_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2350 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

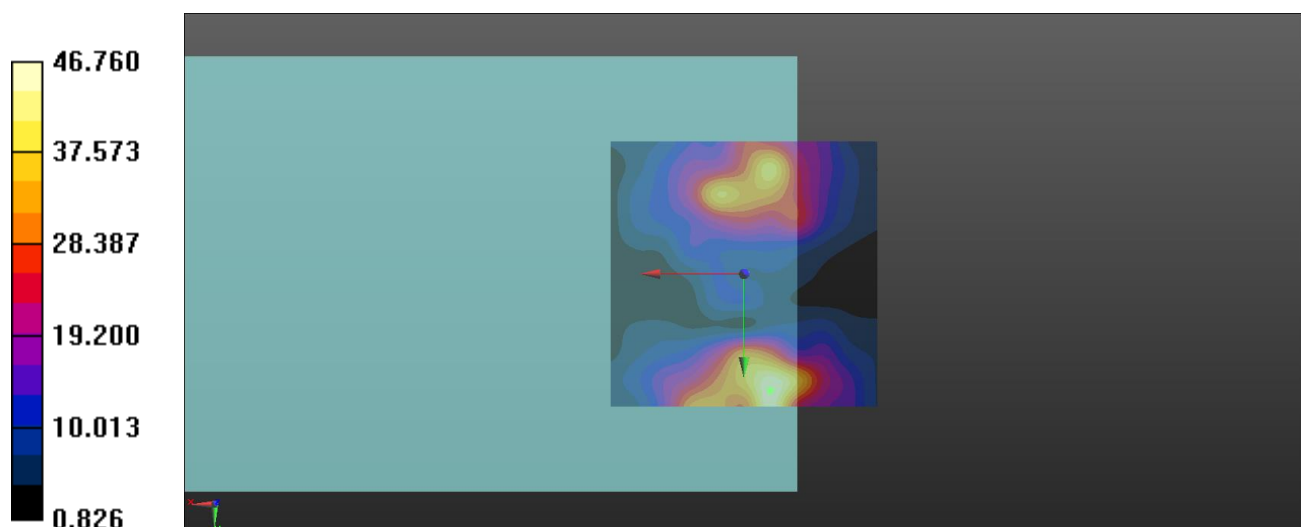
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.40 dB

ABM1 comp = -12.93 dBA/m

Location: -5, 22, 3.7 mm



Date: 2023/10/12

19_LTE 40_QPSK20M_EVS WB 5.9kbps_Ch39150_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2350 MHz; Duty Cycle: 1:8.49

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

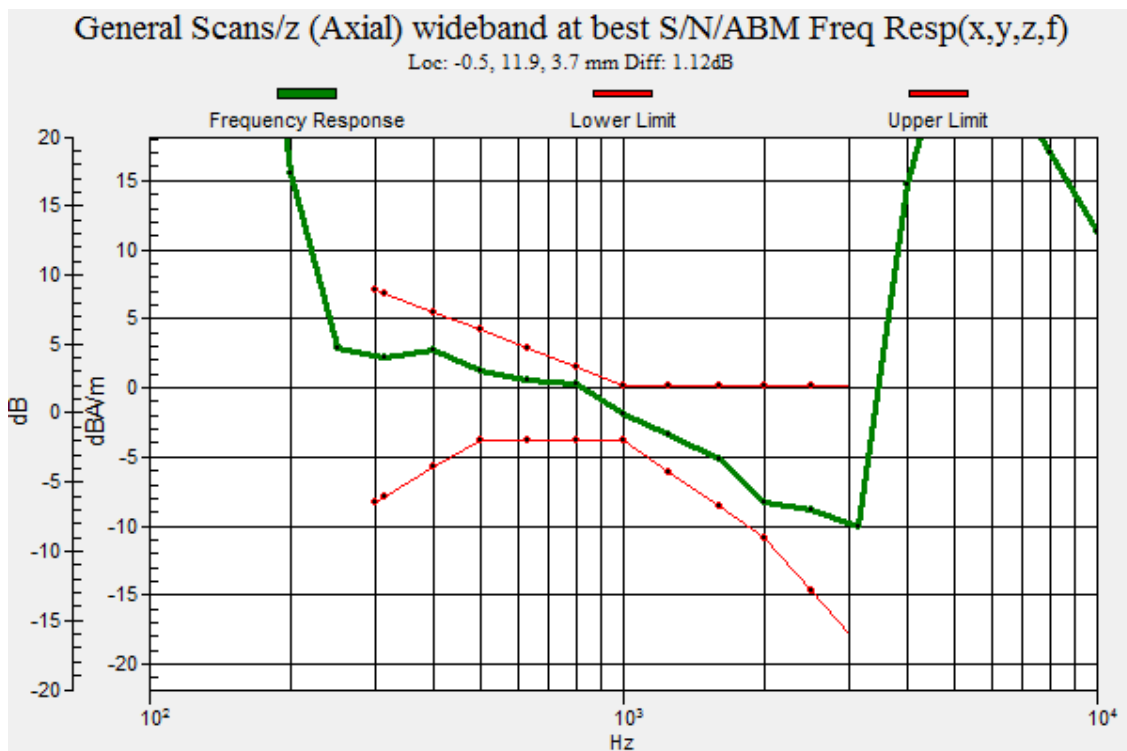
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/12

20_LTE 41_QPSK20M_EVS WB 5.9kbps_Ch40620_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

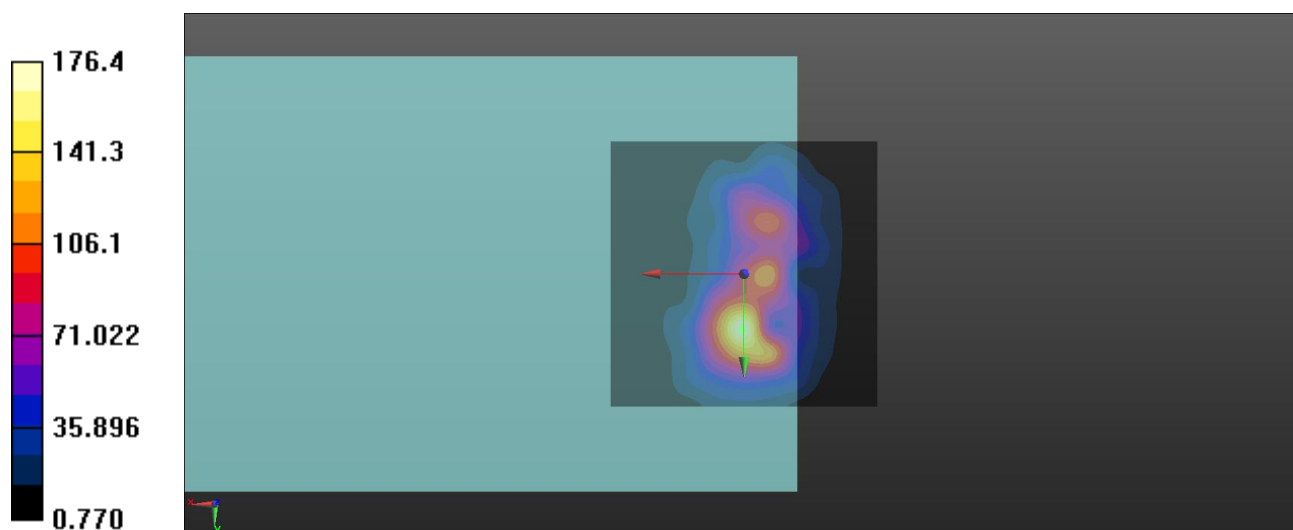
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.93 dB

ABM1 comp = -3.57 dBA/m

Location: 0.5, 10.5, 3.7 mm



Date: 2023/10/12

20_LTE 41_QPSK20M_EVS WB 5.9kbps_Ch40620_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

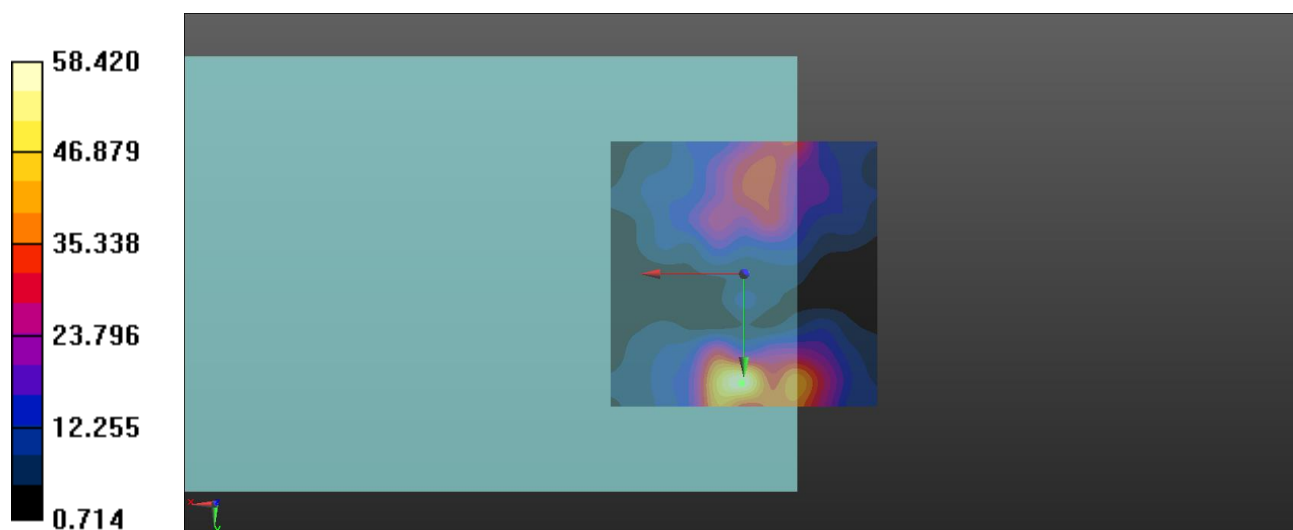
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.33 dB

ABM1 comp = -10.31 dBA/m

Location: 0.5, 20.5, 3.7 mm



Date: 2023/10/12

20_LTE 41_QPSK20M_EVS WB 5.9kbps_Ch40620_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:8.49

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

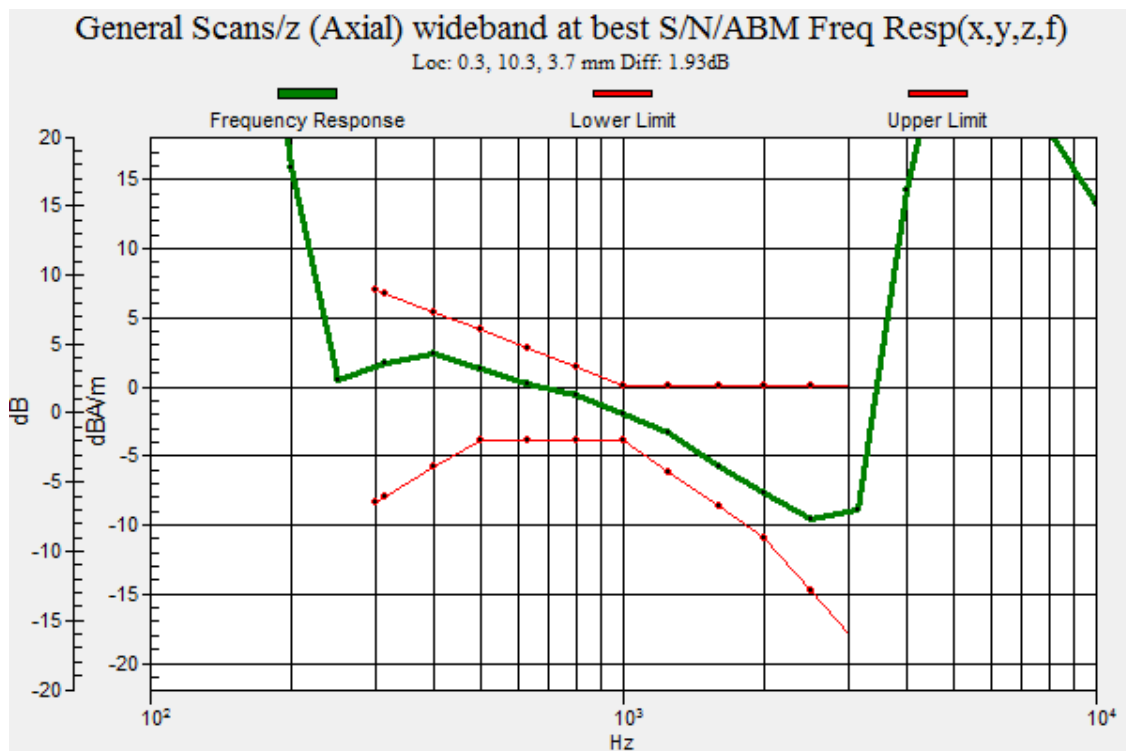
Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/12

21_LTE 42_QPSK20M_EVS WB 5.9kbps_Ch42590_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 3500 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

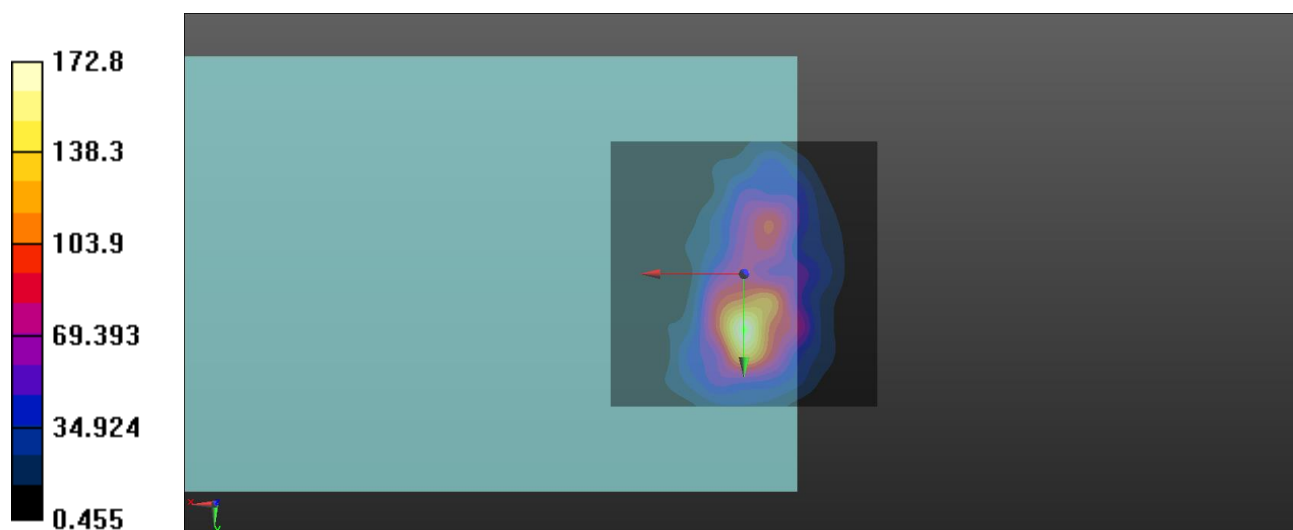
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 44.75 dB

ABM1 comp = -3.69 dBA/m

Location: 0, 10.5, 3.7 mm



Date: 2023/10/12

21_LTE 42_QPSK20M_EVS WB 5.9kbps_Ch42590_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 3500 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

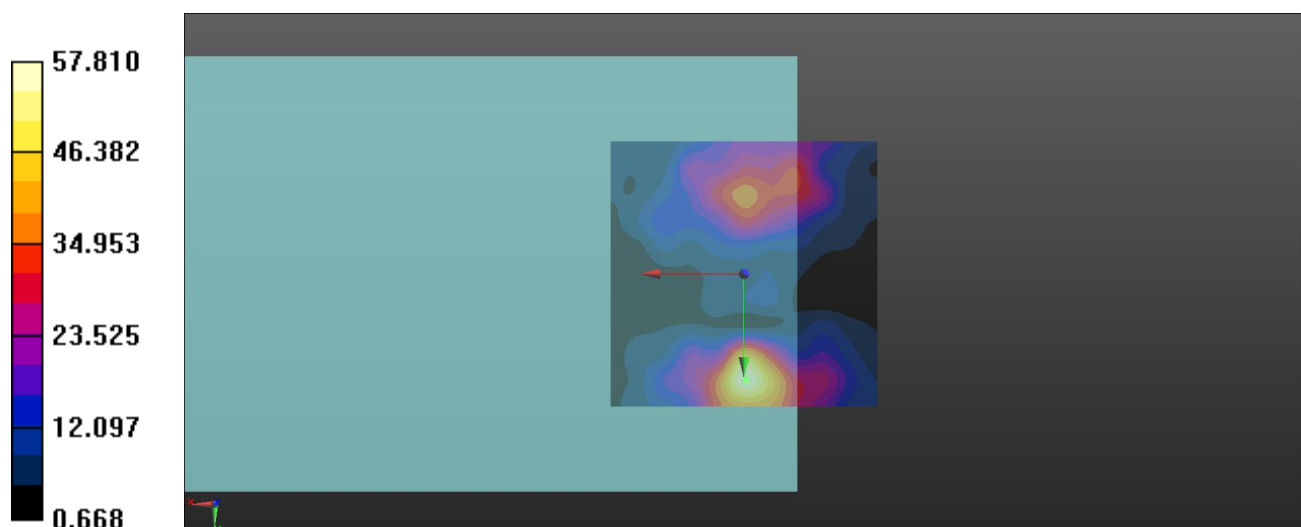
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.24 dB

ABM1 comp = -10.30 dBA/m

Location: -0.5, 20, 3.7 mm



Date: 2023/10/12

21_LTE 42_QPSK20M_EVS WB 5.9kbps_Ch42590_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 3500 MHz; Duty Cycle: 1:8.49

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

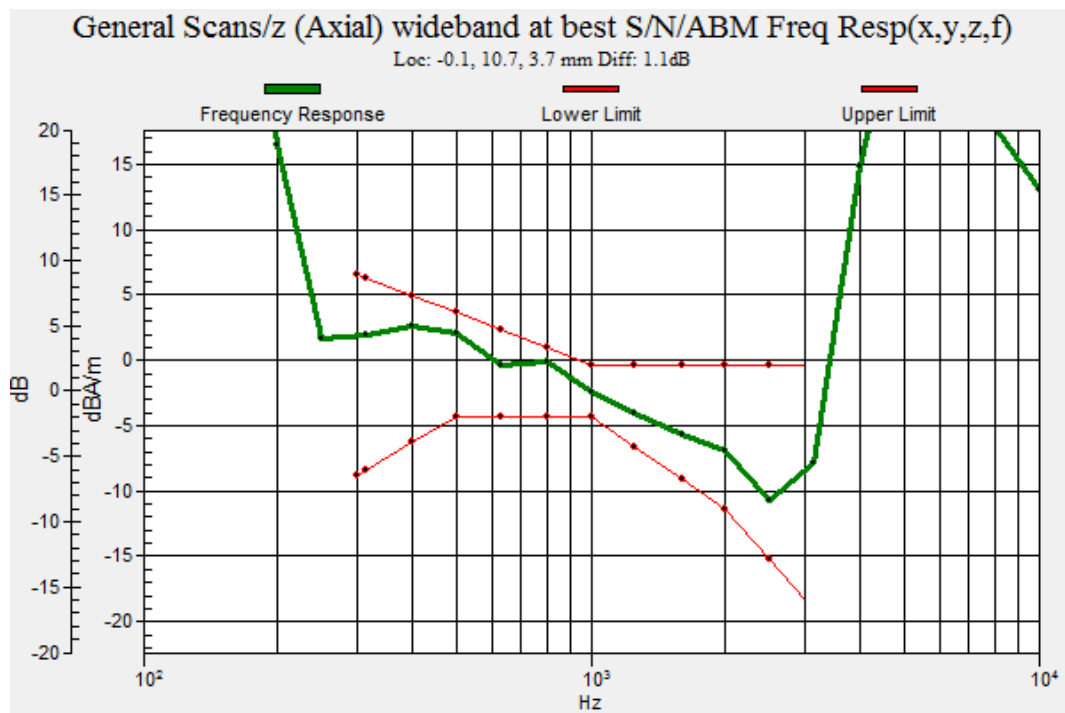
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/10/12

22_LTE 48_QPSK20M_EVS WB 5.9kbps_Ch56210_100RB_Offset0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 3647 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

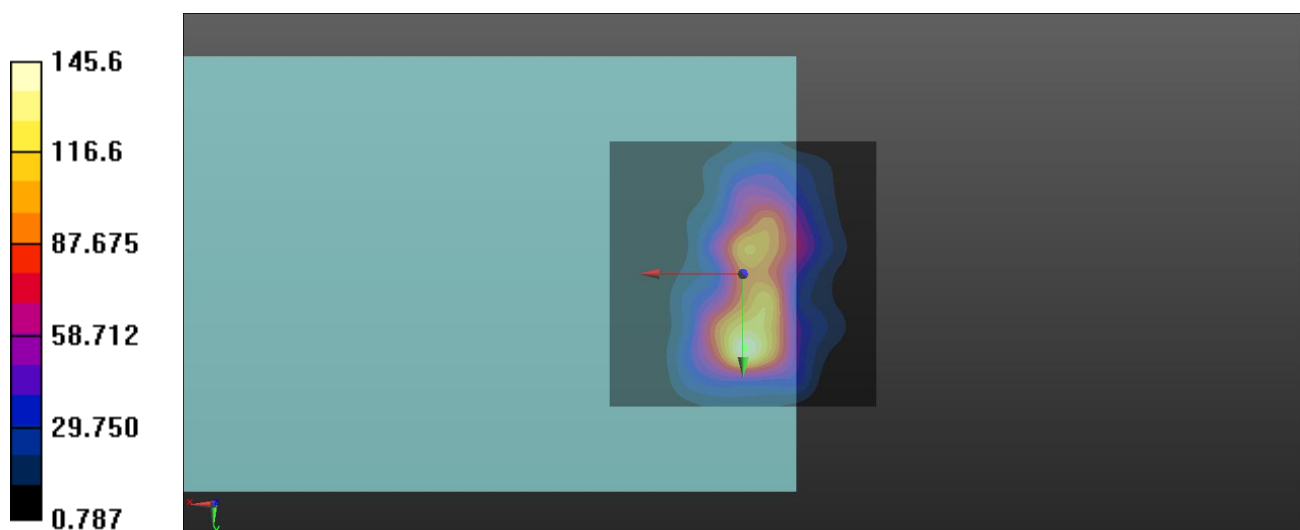
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.26 dB

ABM1 comp = -4.55 dBA/m

Location: -0.5, 14, 3.7 mm



Date: 2023/10/12

22_LTE 48_QPSK20M_EVS WB 5.9kbps_Ch56210_100RB_Offset0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 3647 MHz; Duty Cycle: 1:8.49

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

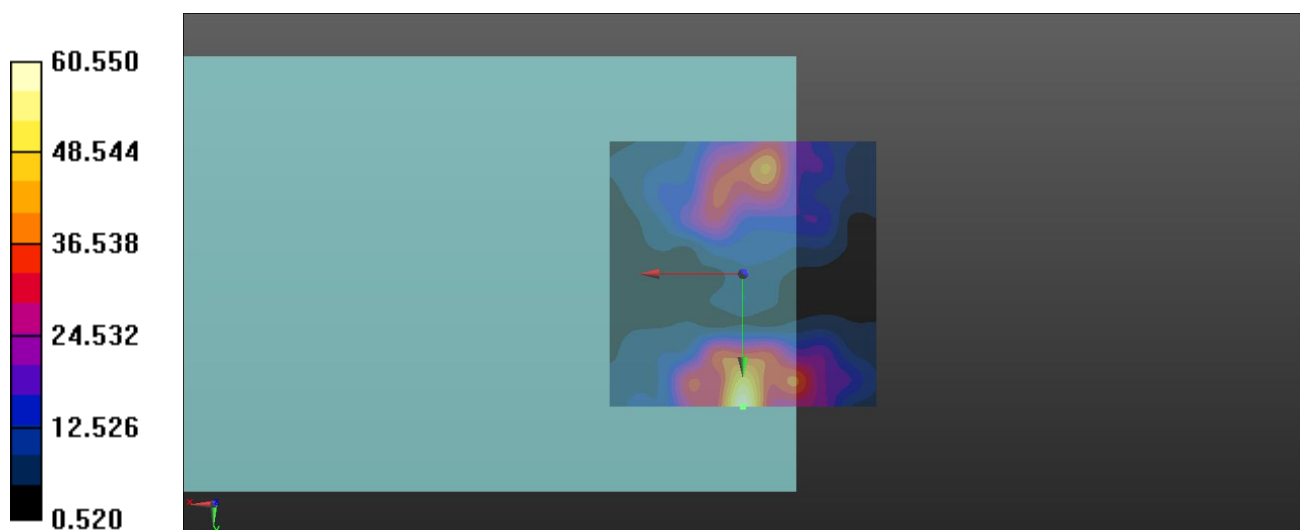
T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 35.64 dB

ABM1 comp = -9.97 dBA/m

Location: 0, 25, 3.7 mm



Date: 2023/10/12

22_LTE 48_QPSK20M_EVS WB 5.9kbps_Ch56210_100RB_Offset0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10103 - CAH, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 3647 MHz; Duty Cycle: 1:8.49

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

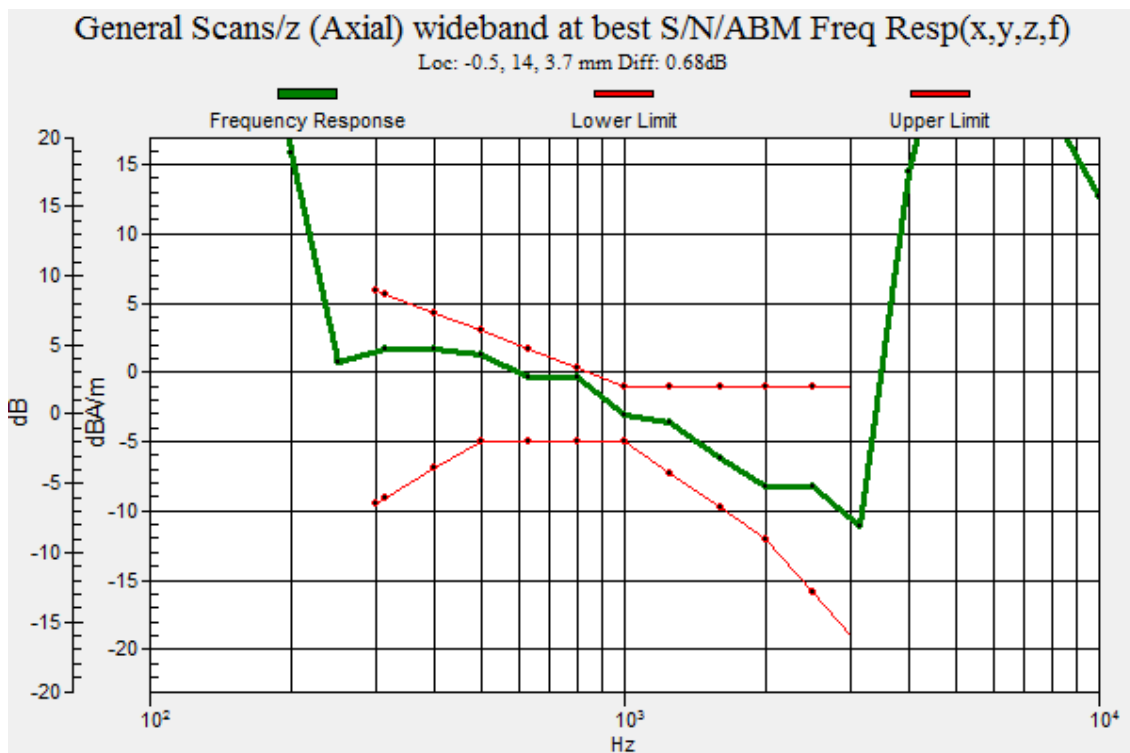
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/15

23_5GNR_n2_DFT-s QPSK20M_EVS NB 5.9kbps_Ch376000_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

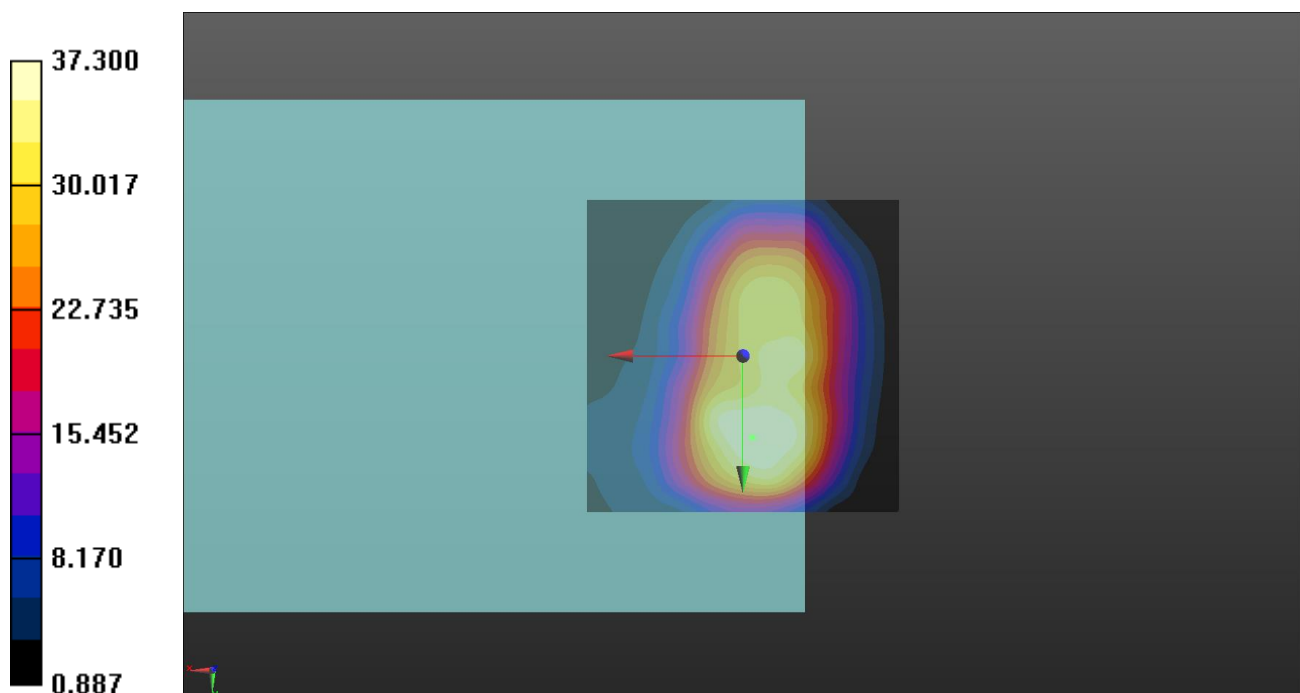
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.43 dB

ABM1 comp = -4.96 dBA/m

Location: -1.5, 13, 3.7 mm



Date: 2023/11/15

23_5GNR_n2_DFT-s QPSK20M_EVS NB 5.9kbps_Ch376000_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

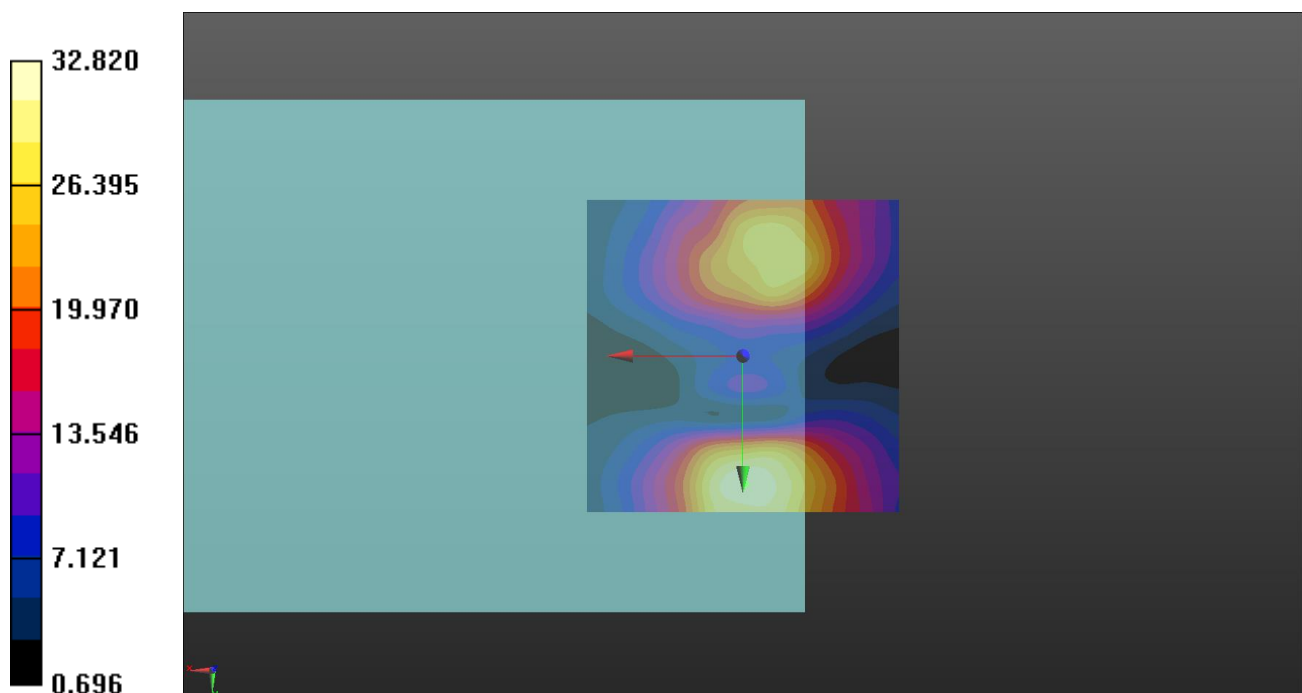
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.32 dB

ABM1 comp = -10.77 dBA/m

Location: -0.5, 20.5, 3.7 mm



Date: 2023/11/15

23_5GNR_n2_DFT-s QPSK20M_EVS NB 5.9kbps_Ch376000_100RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz; Duty Cycle: 1:3.87

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

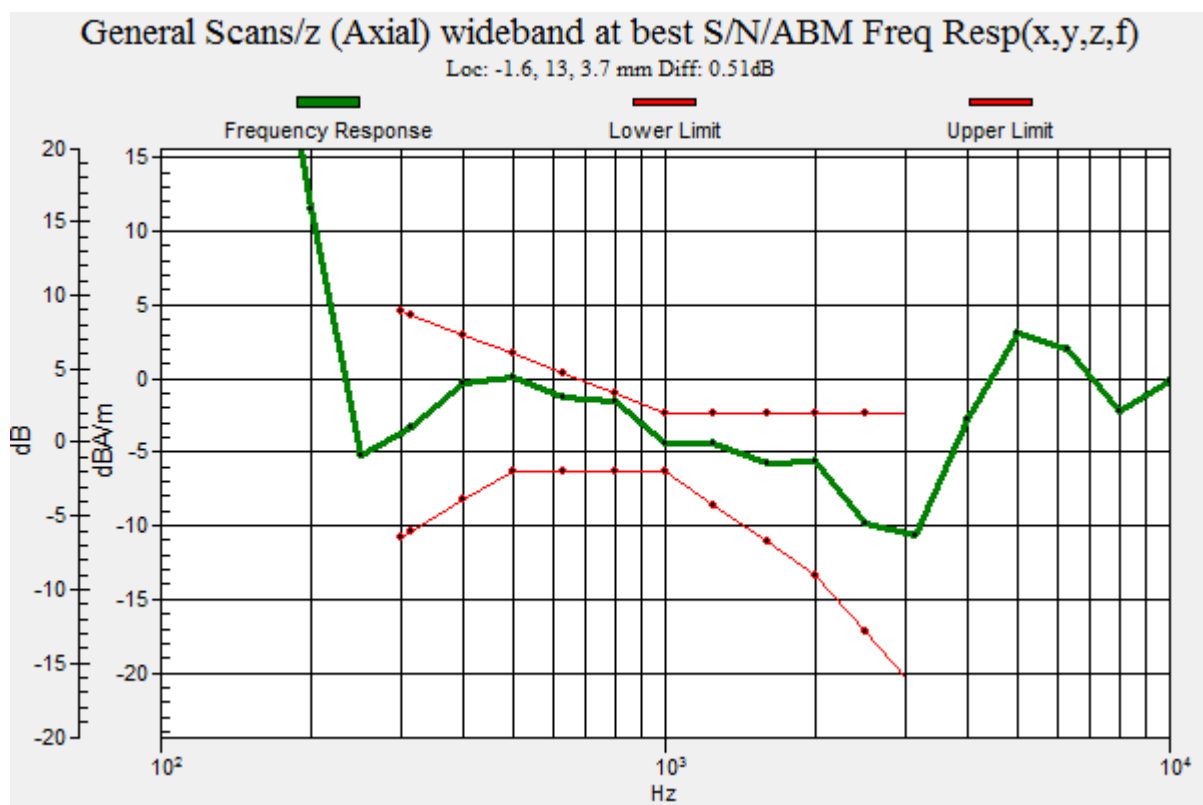
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid:
dx=10mm, dy=10mm



Date: 2023/11/15

24_5GNR_n5_DFT-s QPSK20M_EVS NB 5.9kbps_Ch167300_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

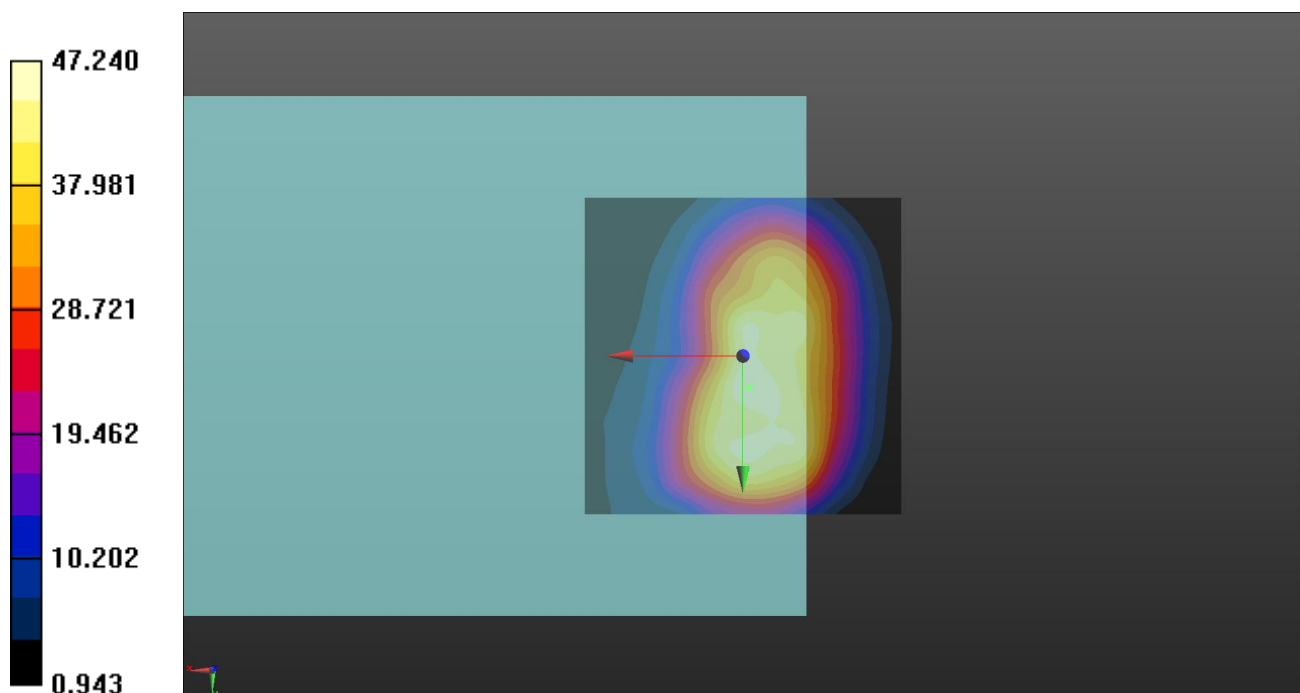
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.49 dB

ABM1 comp = -7.45 dBA/m

Location: -1, 5, 3.7 mm



Date: 2023/11/15

24_5GNR_n5_DFT-s QPSK20M_EVS NB 5.9kbps_Ch167300_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

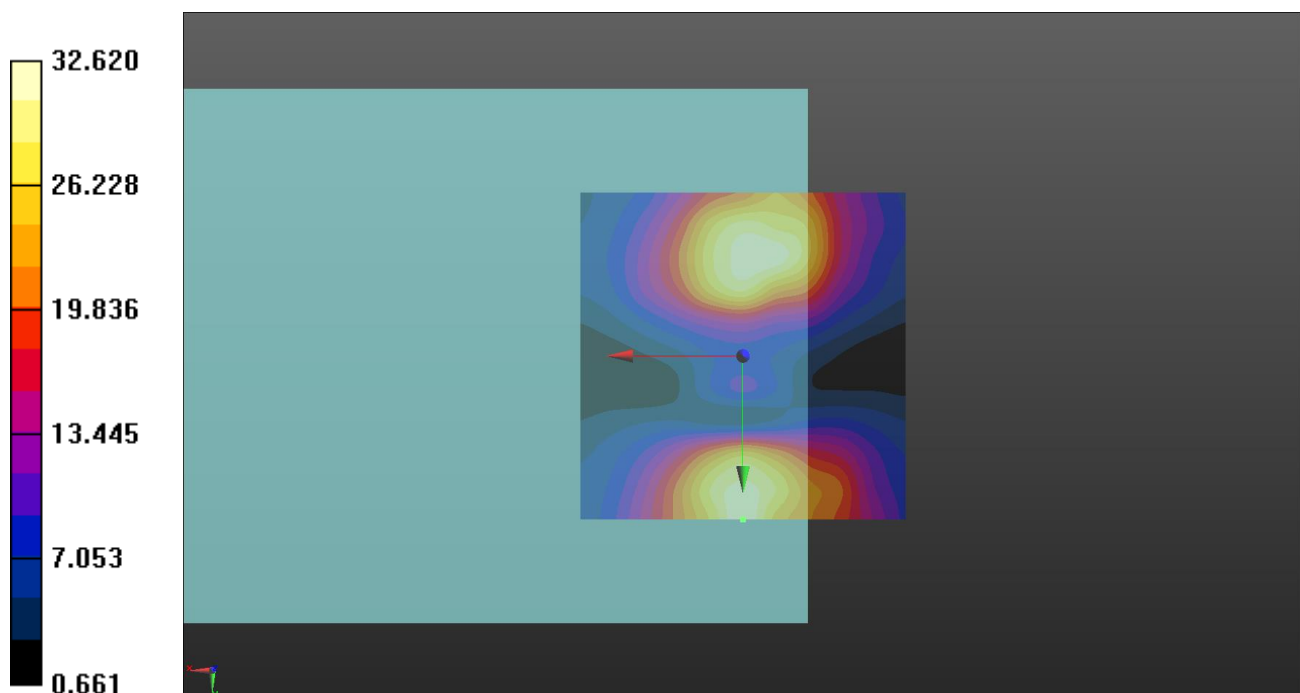
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.27 dB

ABM1 comp = -13.07 dBA/m

Location: 0, 25, 3.7 mm



Date: 2023/11/15

24_5GNR_n5_DFT-s QPSK20M_EVS NB 5.9kbps_Ch167300_100RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz; Duty Cycle: 1:3.87

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

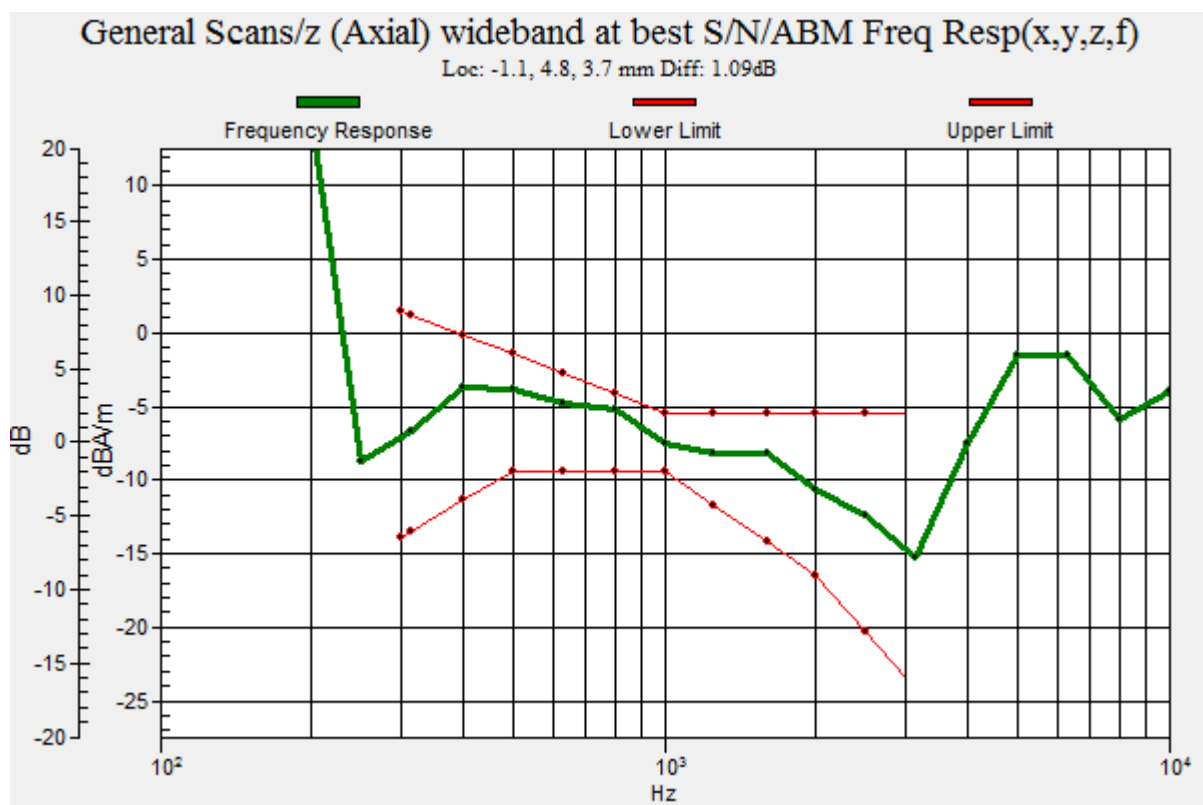
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/15

25_5GNR_n7_DFT-s QPSK20M_EVS NB 5.9kbps_Ch507000_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 2535 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

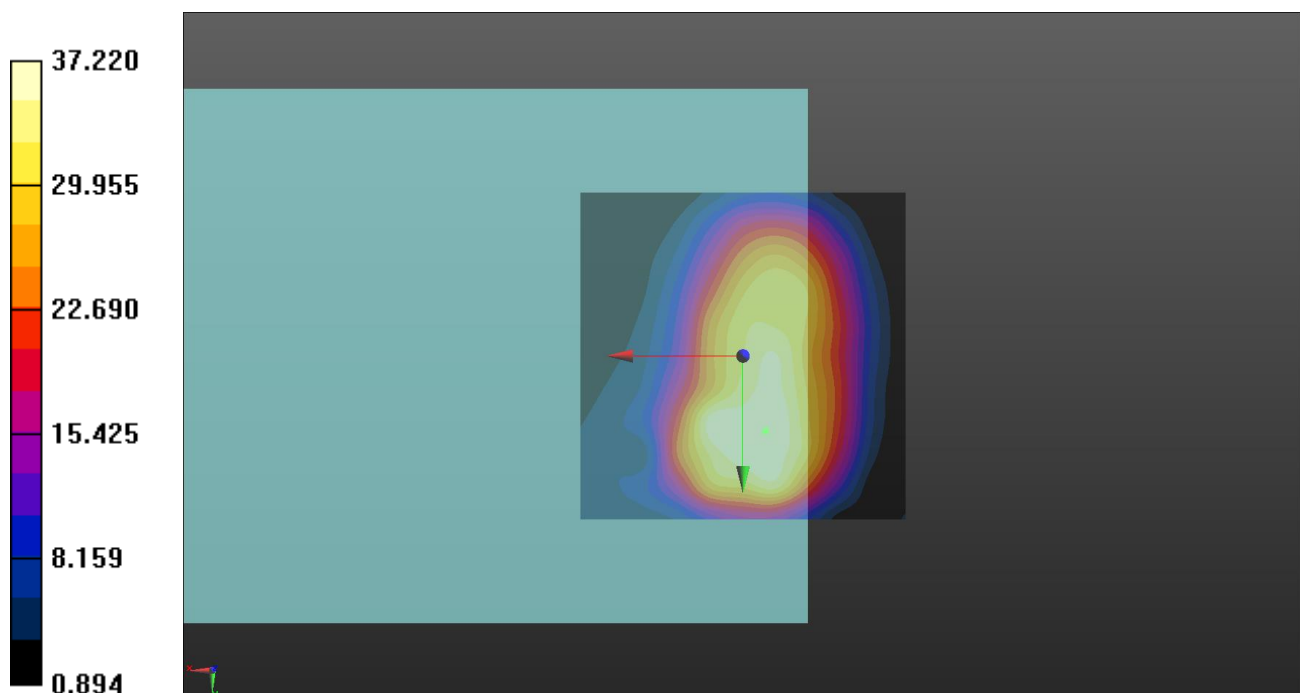
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.42 dB

ABM1 comp = -5.33 dBA/m

Location: -3.5, 11.5, 3.7 mm



Date: 2023/11/15

25_5GNR_n7_DFT-s QPSK20M_EVS NB 5.9kbps_Ch507000_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 2535 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

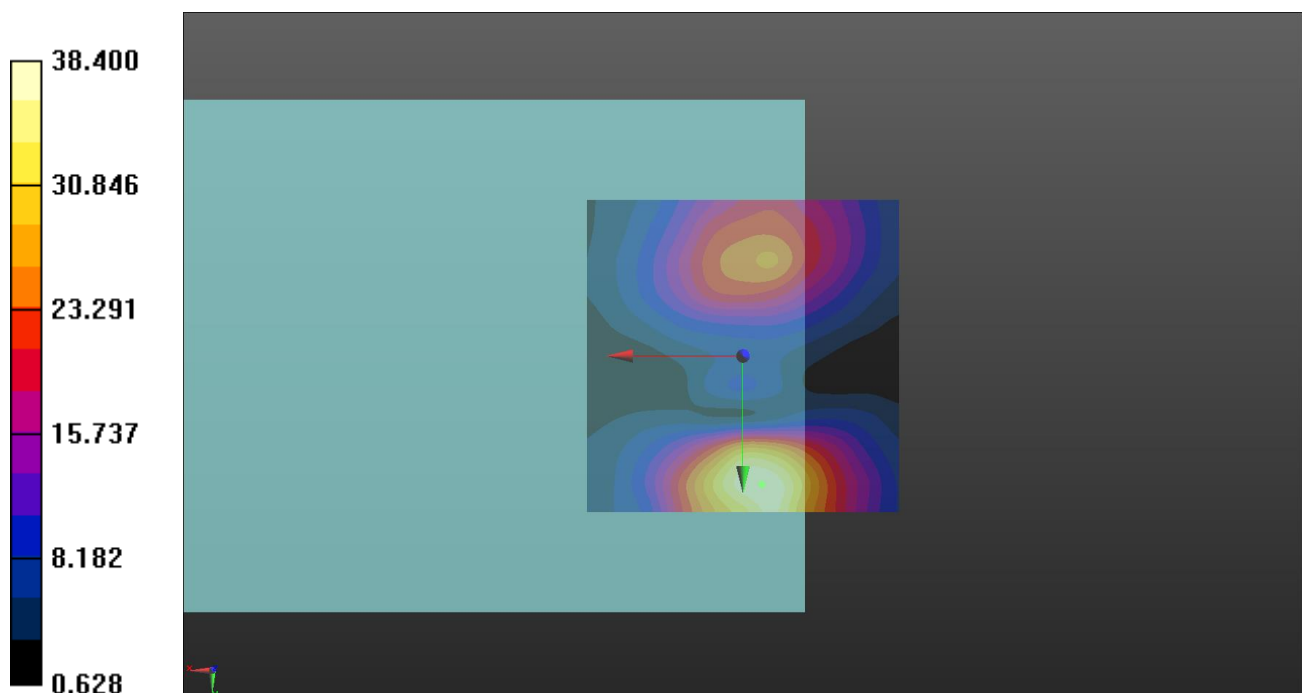
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.69 dB

ABM1 comp = -12.47 dBA/m

Location: -3, 20.5, 3.7 mm



Date: 2023/11/15

25_5GNR_n7_DFT-s QPSK20M_EVS NB 5.9kbps_Ch507000_100RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10947 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 2535 MHz; Duty Cycle: 1:3.87

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

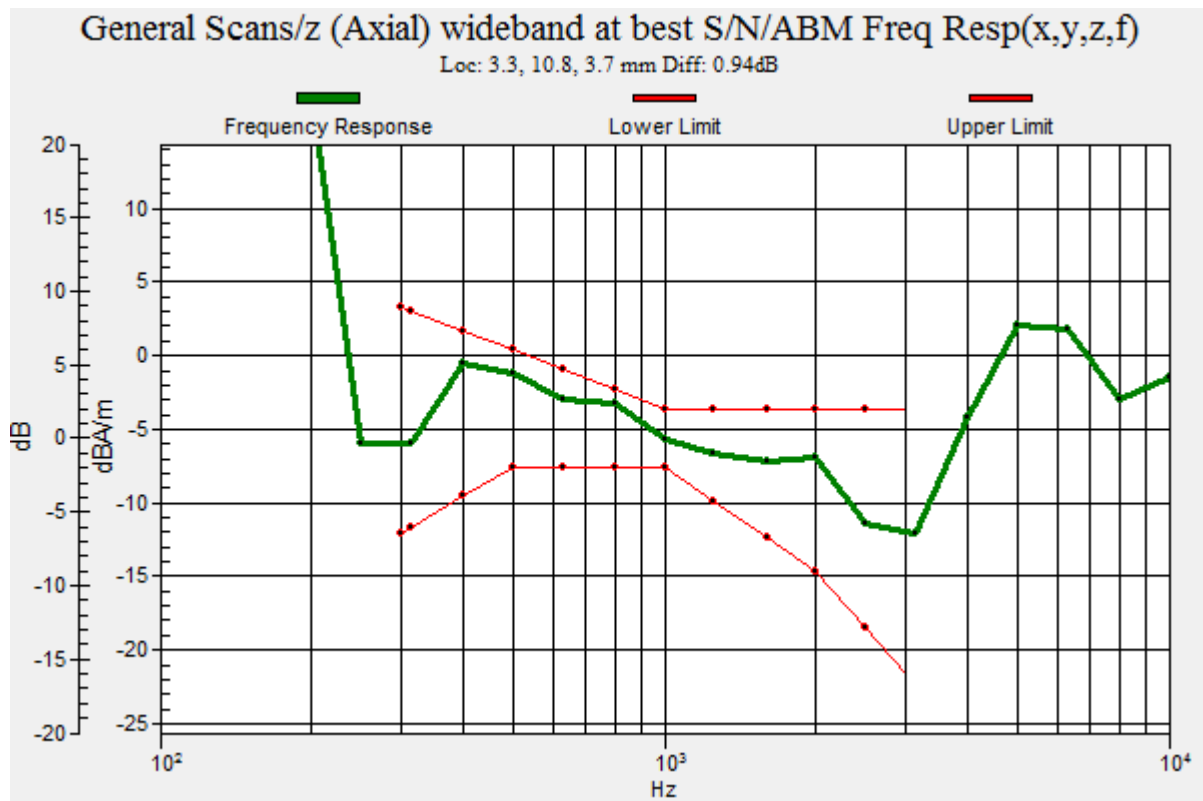
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/16

26_5GNR_n12_DFT-s QPSK15M_EVS NB 5.9Kbps_Ch141500_75RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10946 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz; Duty Cycle: 1:3.83

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

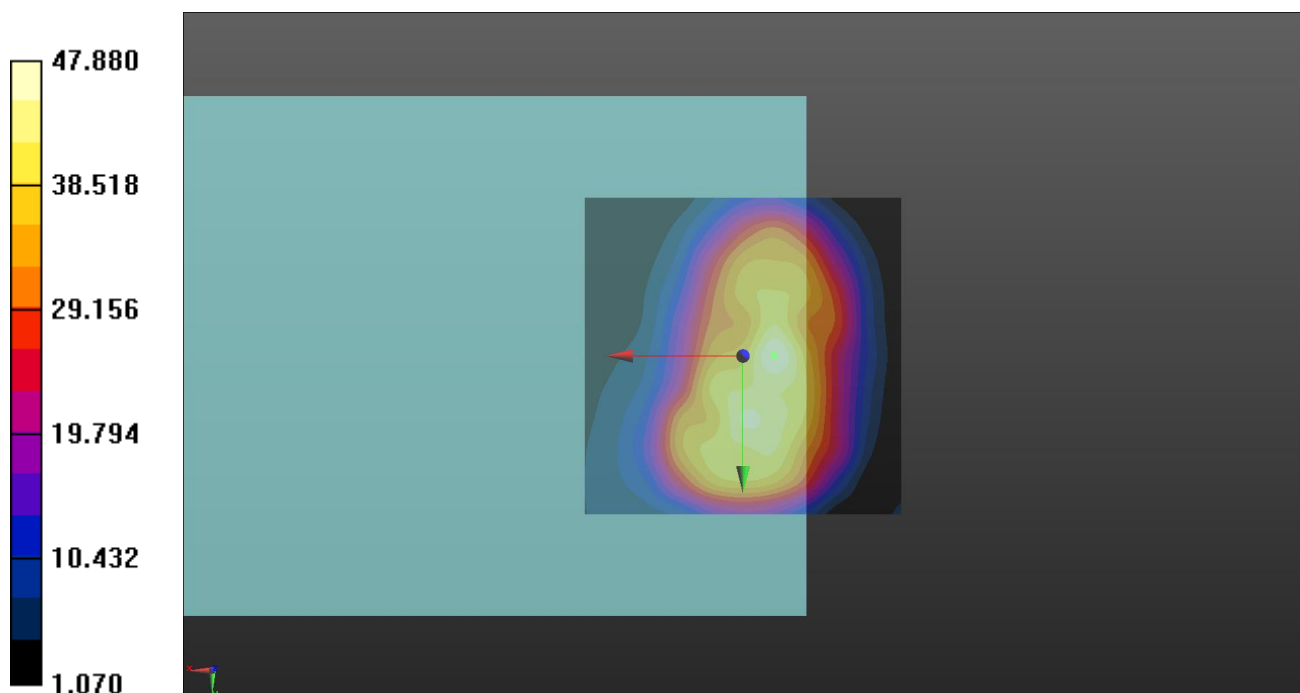
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.60 dB

ABM1 comp = -9.08 dBA/m

Location: -5, 0, 3.7 mm



Date: 2023/11/16

26_5GNR_n12_DFT-s QPSK15M_EVS NB 5.9Kbps_Ch141500_75RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10946 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz; Duty Cycle: 1:3.83

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

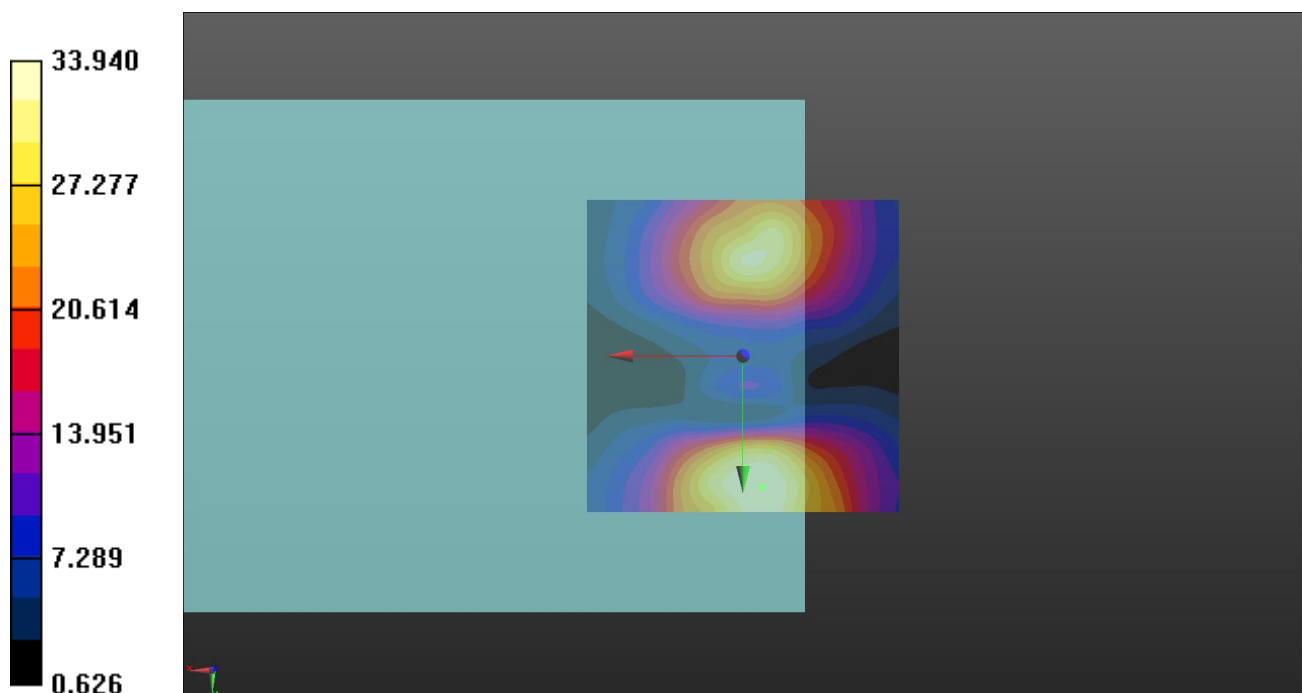
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.61 dB

ABM1 comp = -11.42 dBA/m

Location: -3, 21, 3.7 mm



Date: 2023/11/16

26_5GNR_n12_DFT-s QPSK15M_EVS NB 5.9kbps_Ch141500_75RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10946 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz; Duty Cycle: 1:3.83

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

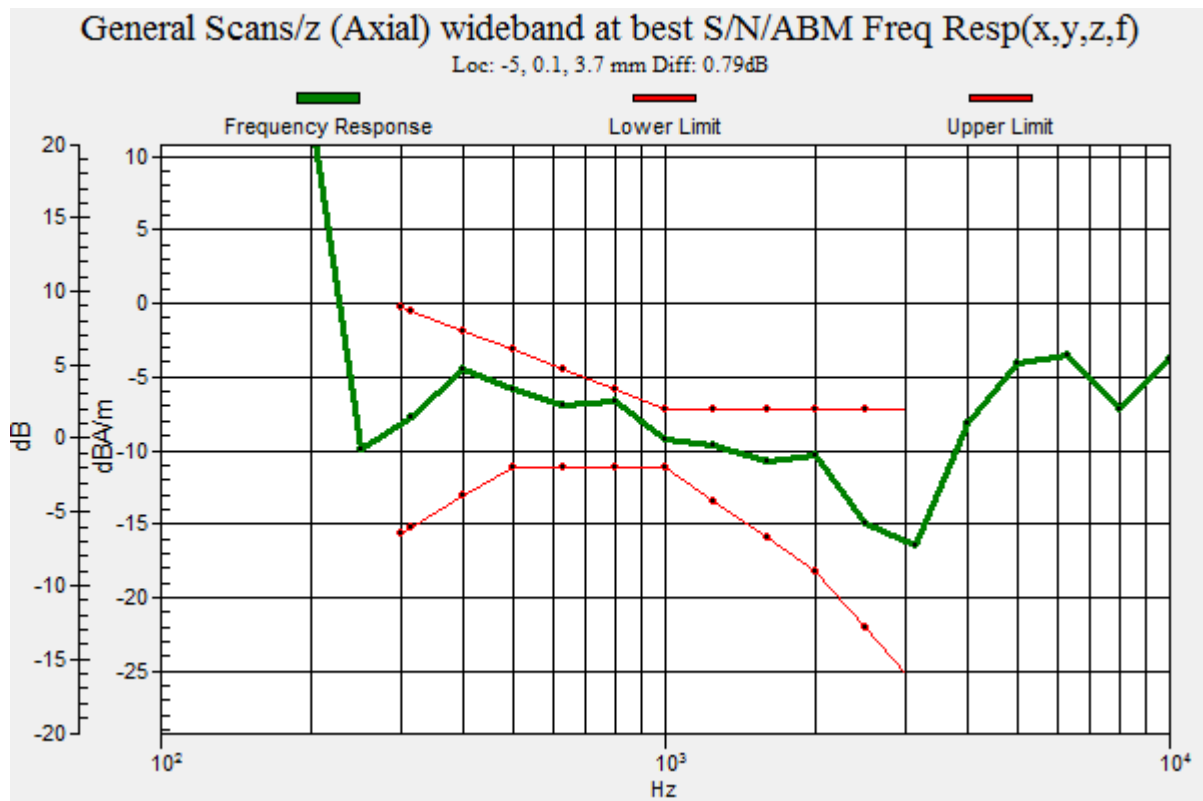
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/16

27_5GNR_n13_DFT-s QPSK10M_EVS NB 5.9kbps_Ch156400_50RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 782 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

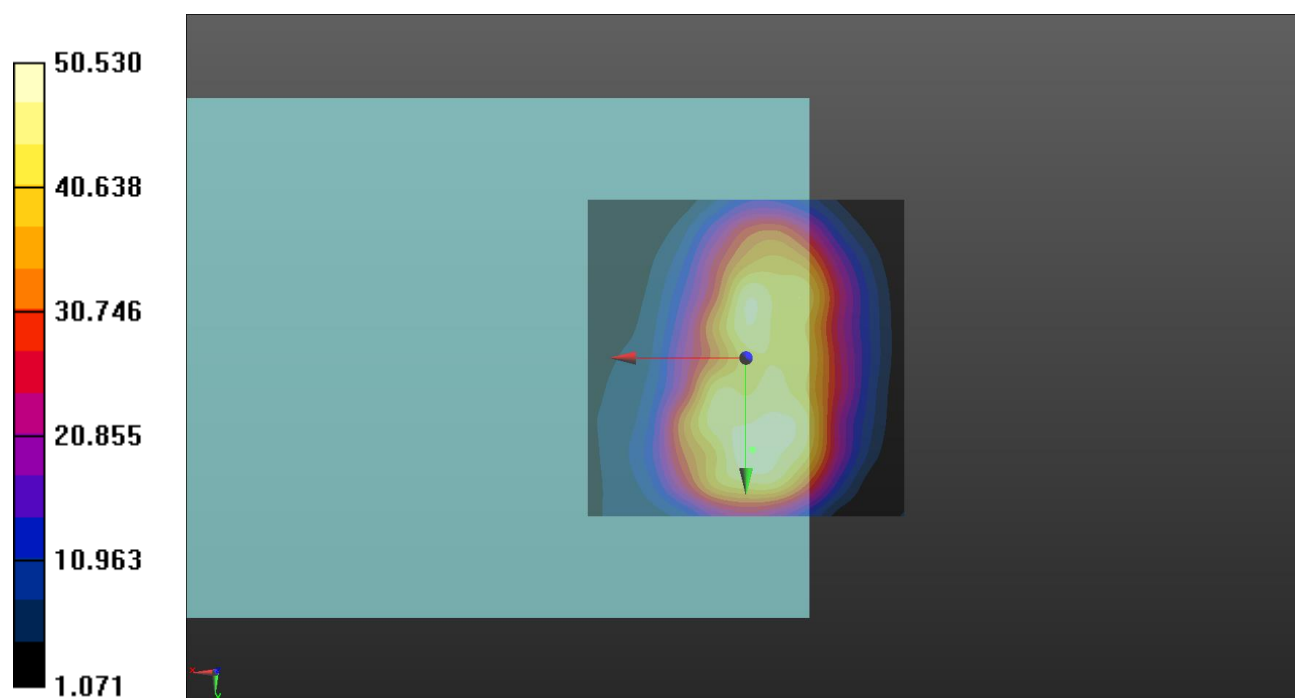
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.07 dB

ABM1 comp = -5.14 dBA/m

Location: -1, 14.5, 3.7 mm



Date: 2023/11/16

27_5GNR_n13_DFT-s QPSK10M_EVS NB 5.9kbps_Ch156400_50RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 782 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

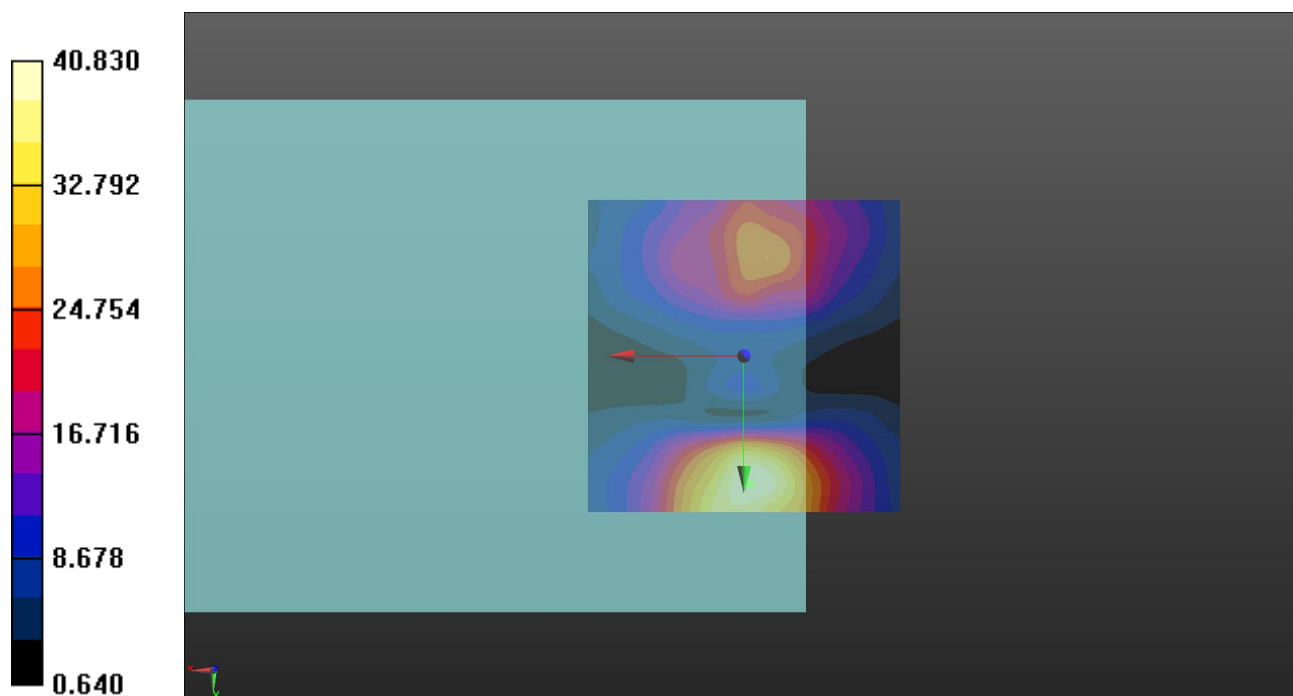
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 32.22 dB

ABM1 comp = -11.65 dBA/m

Location: -1, 20.5, 3.7 mm



Date: 2023/11/16

27_5GNR_n13_DFT-s QPSK10M_EVS NB 5.9kbps_Ch156400_50RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 782 MHz; Duty Cycle: 1:3.84

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

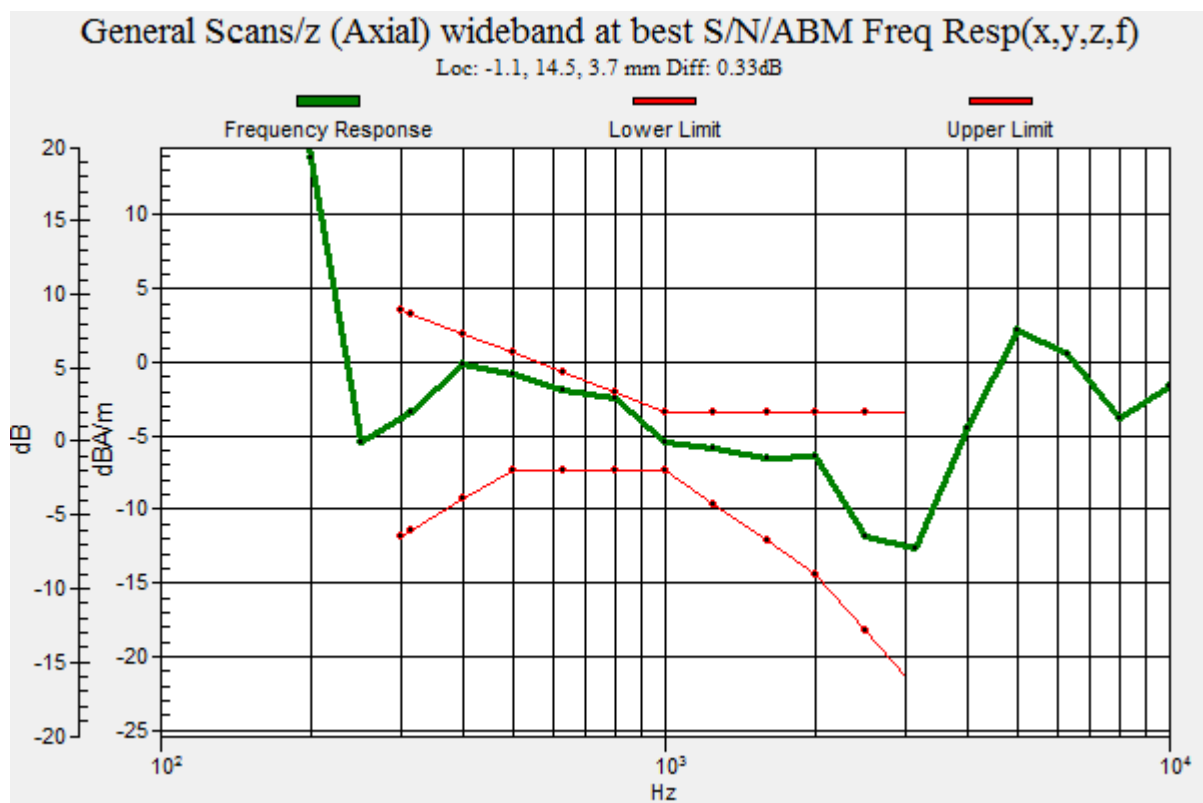
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/16

28_5GNR_n14_DFT-s QPSK10M_EVS NB 5.9kbps_Ch158600_50RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

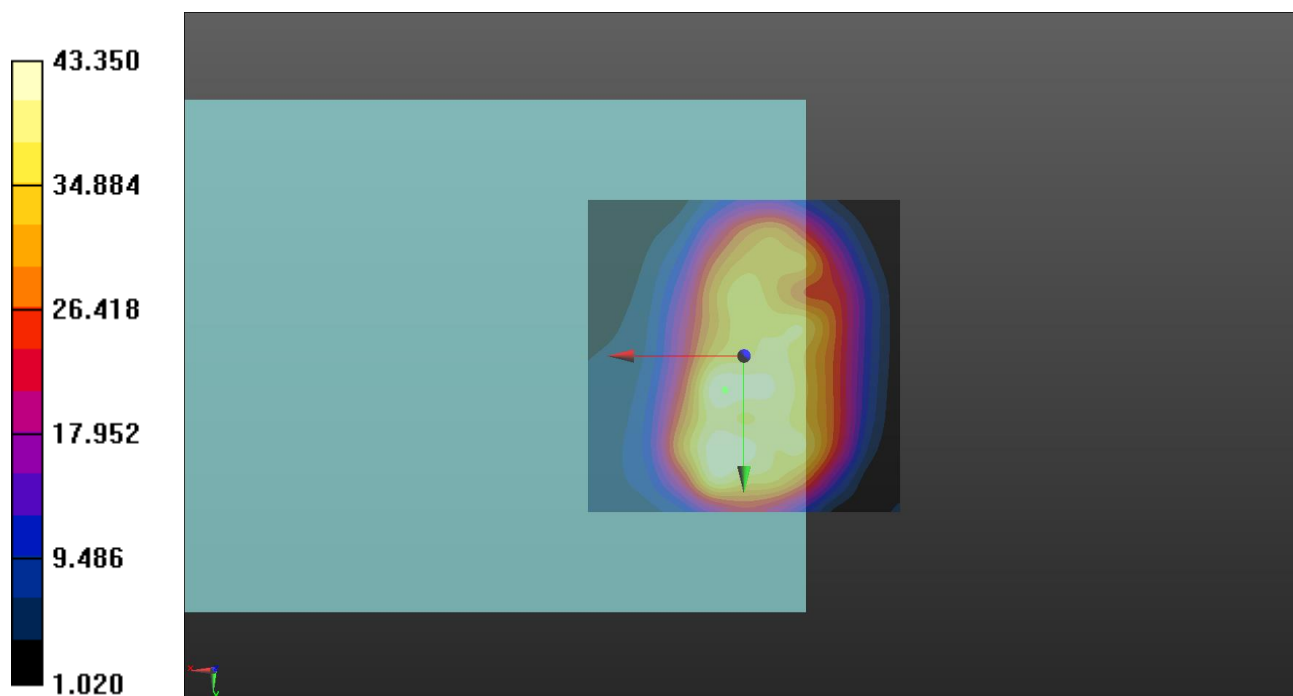
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 32.74 dB

ABM1 comp = -8.44 dBA/m

Location: 3, 5.5, 3.7 mm



Date: 2023/11/16

28_5GNR_n14_DFT-s QPSK10M_EVS NB 5.9kbps_Ch158600_50RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

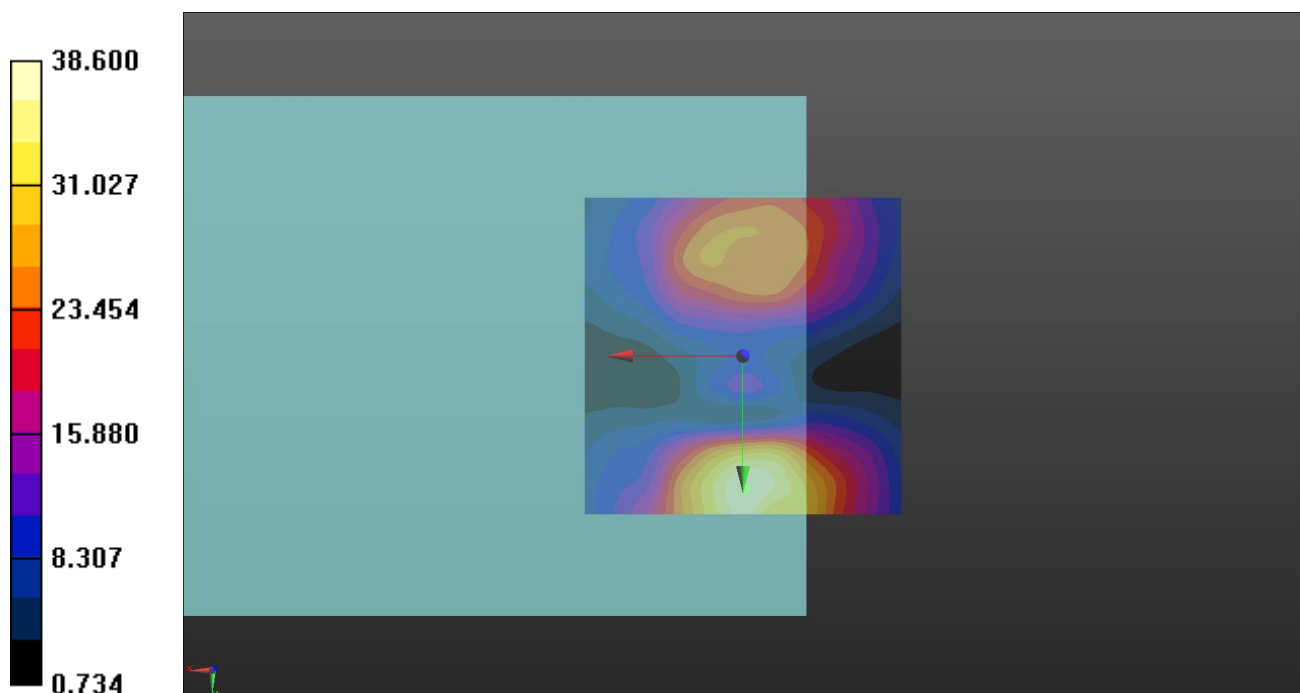
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.73 dB

ABM1 comp = -11.21 dBA/m

Location: -0.5, 21, 3.7 mm



Date: 2023/11/16

28_5GNR_n14_DFT-s QPSK10M_EVS NB 5.9kbps_Ch158600_50RB_OS0_Freq Resp**DUT: Smart-Ex 03**

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 793 MHz; Duty Cycle: 1:3.84

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

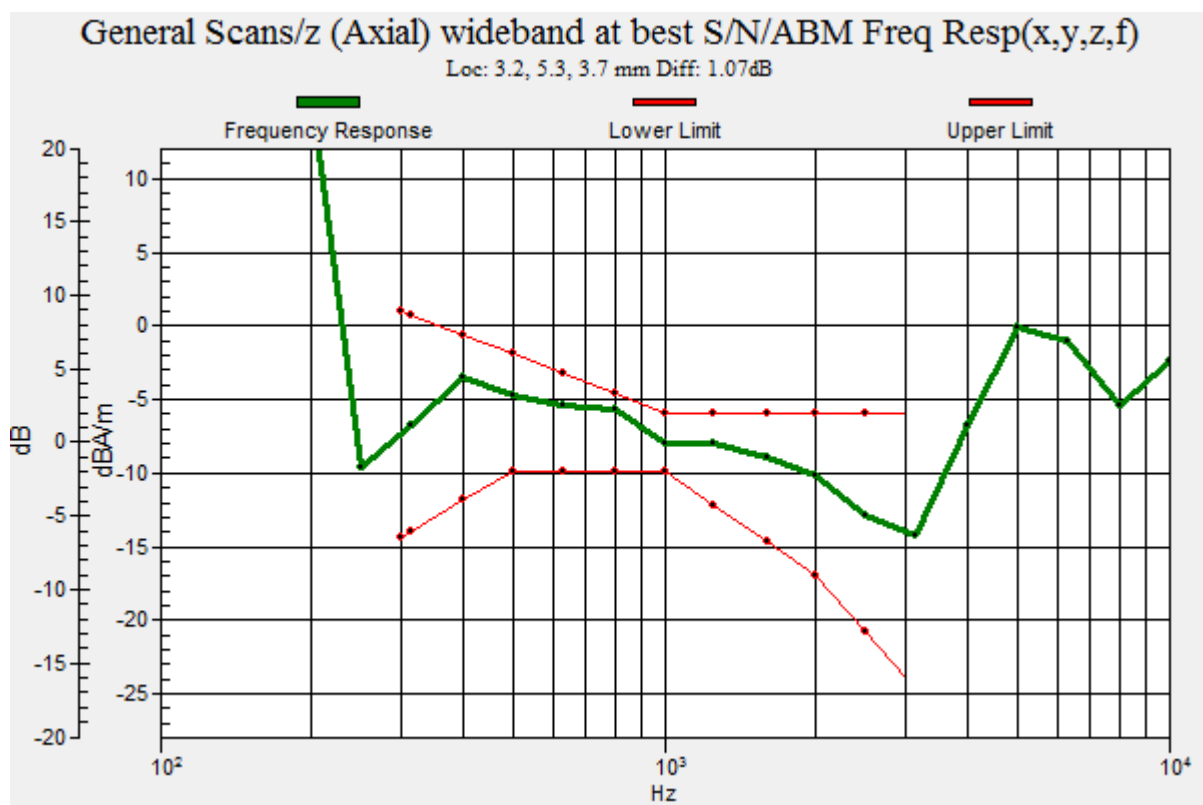
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/16

29_5GNR_n25_DFT-s QPSK20M_EVS NB 5.9kbps_Ch376500_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

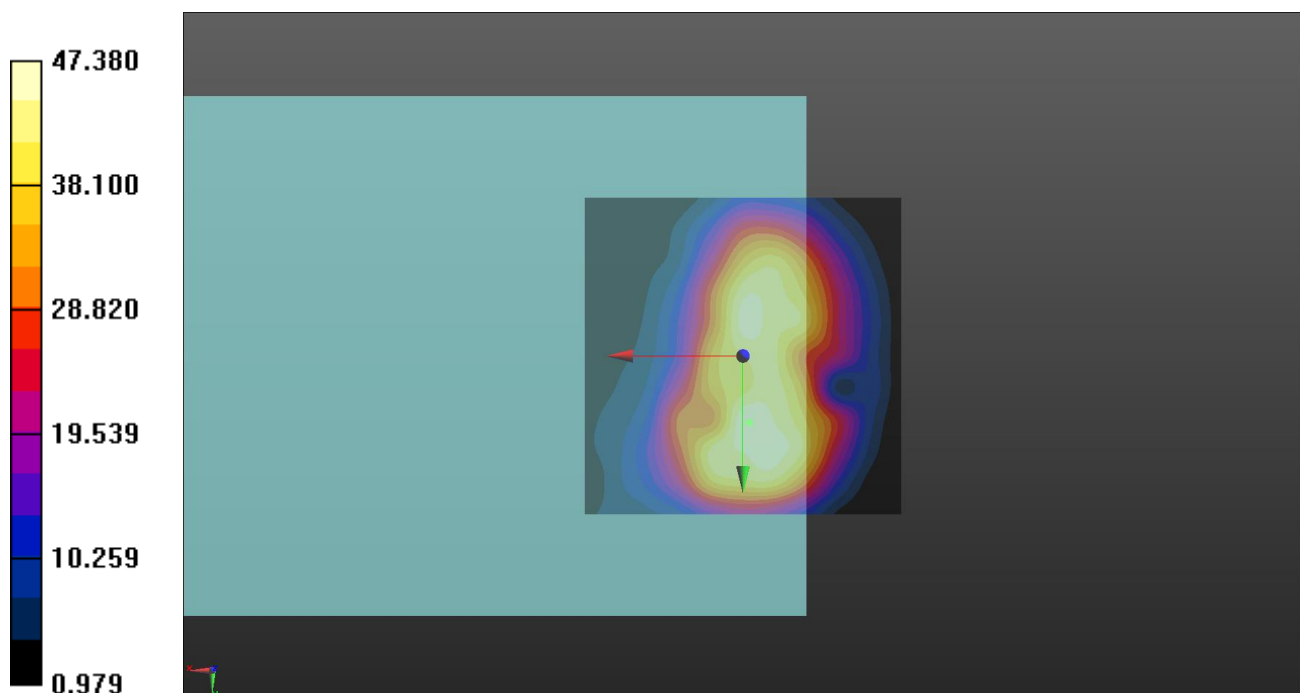
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.51 dB

ABM1 comp = -5.67 dBA/m

Location: -1, 10.5, 3.7 mm



Date: 2023/11/16

29_5GNR_n25_DFT-s QPSK20M_EVS NB 5.9kbps_Ch376500_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

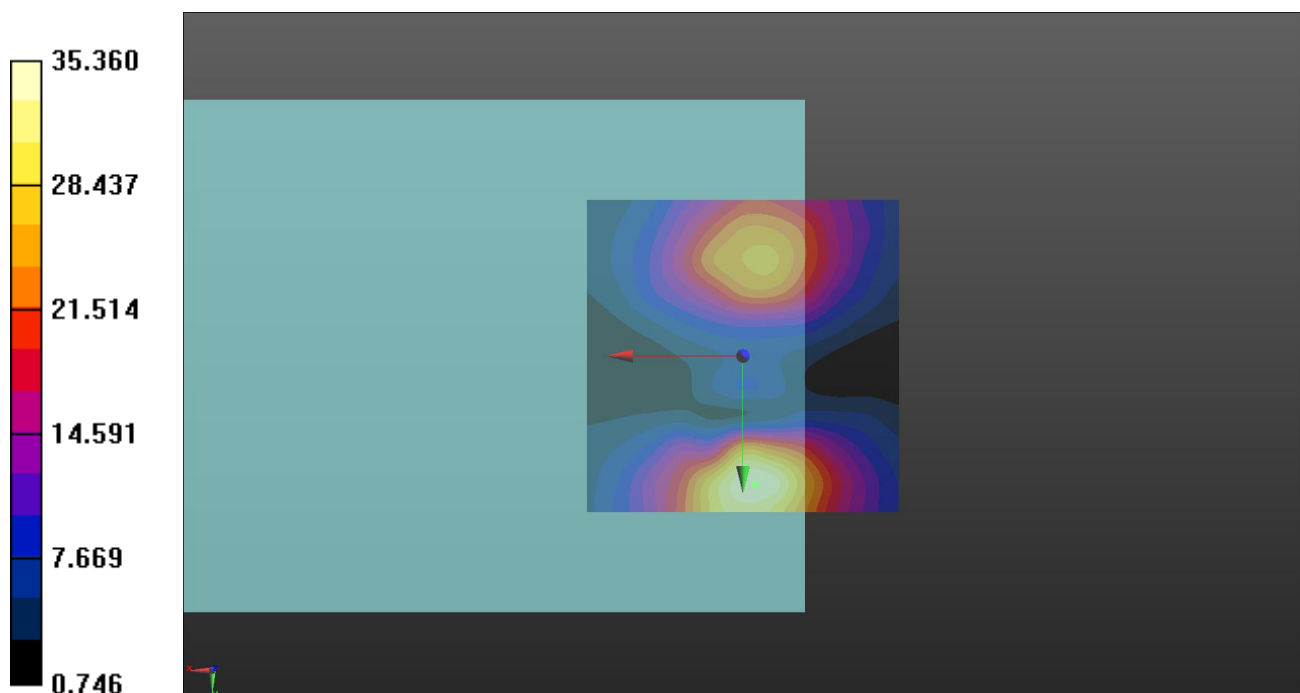
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.97 dB

ABM1 comp = -12.21 dBA/m

Location: -2, 20.5, 3.7 mm



Date: 2023/11/16

29_5GNR_n25_DFT-s QPSK20M_EVS NB 5.9kbps_Ch376500_100RB_OS0_Freq Resp**DUT: Smart-Ex 03**

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.87

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

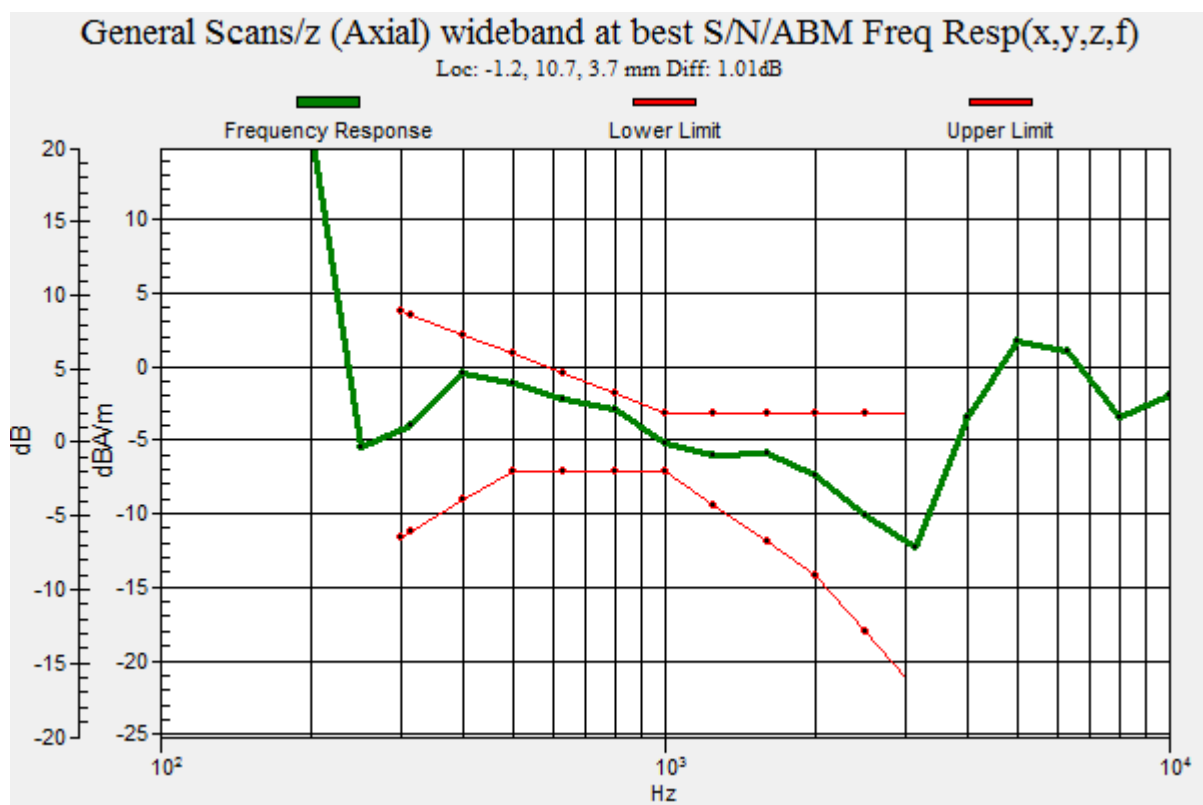
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/16

30_5GNR_n30_DFT-s QPSK10M_EVS NB 5.9kbps_Ch462000_50RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

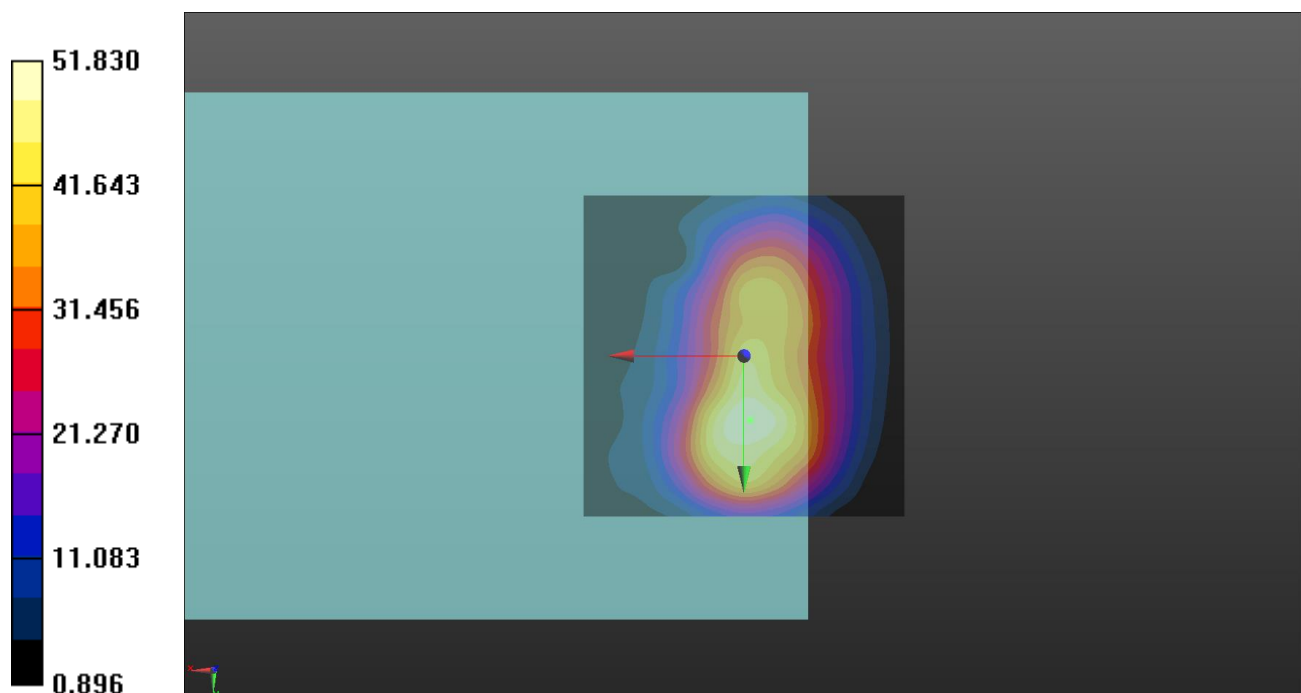
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.29 dB

ABM1 comp = -5.62 dBA/m

Location: -1, 10, 3.7 mm



Date: 2023/11/16

30_5GNR_n30_DFT-s QPSK10M_EVS NB 5.9kbps_Ch462000_50RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

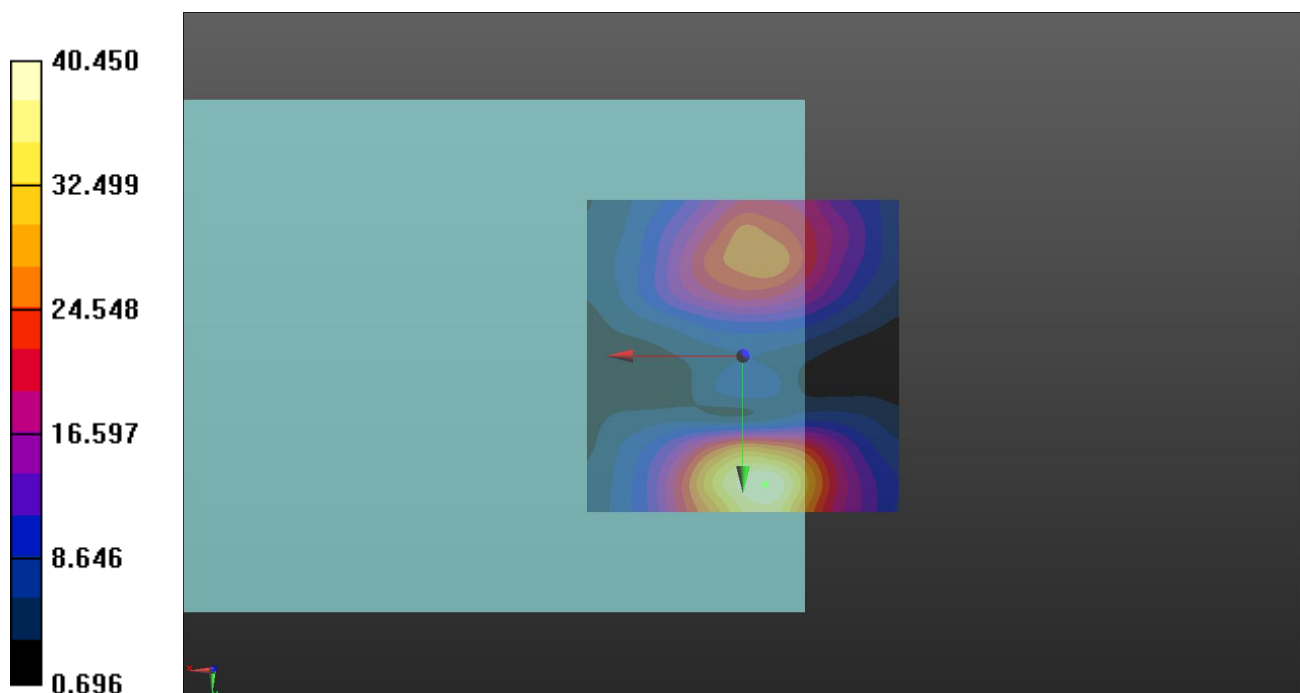
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 32.14 dB

ABM1 comp = -12.64 dBA/m

Location: -3.5, 20.5, 3.7 mm



Date: 2023/11/16

30_5GNR_n30_DFT-s QPSK10M_EVS NB 5.9kbps_Ch462000_50RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10945 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz; Duty Cycle: 1:3.84

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

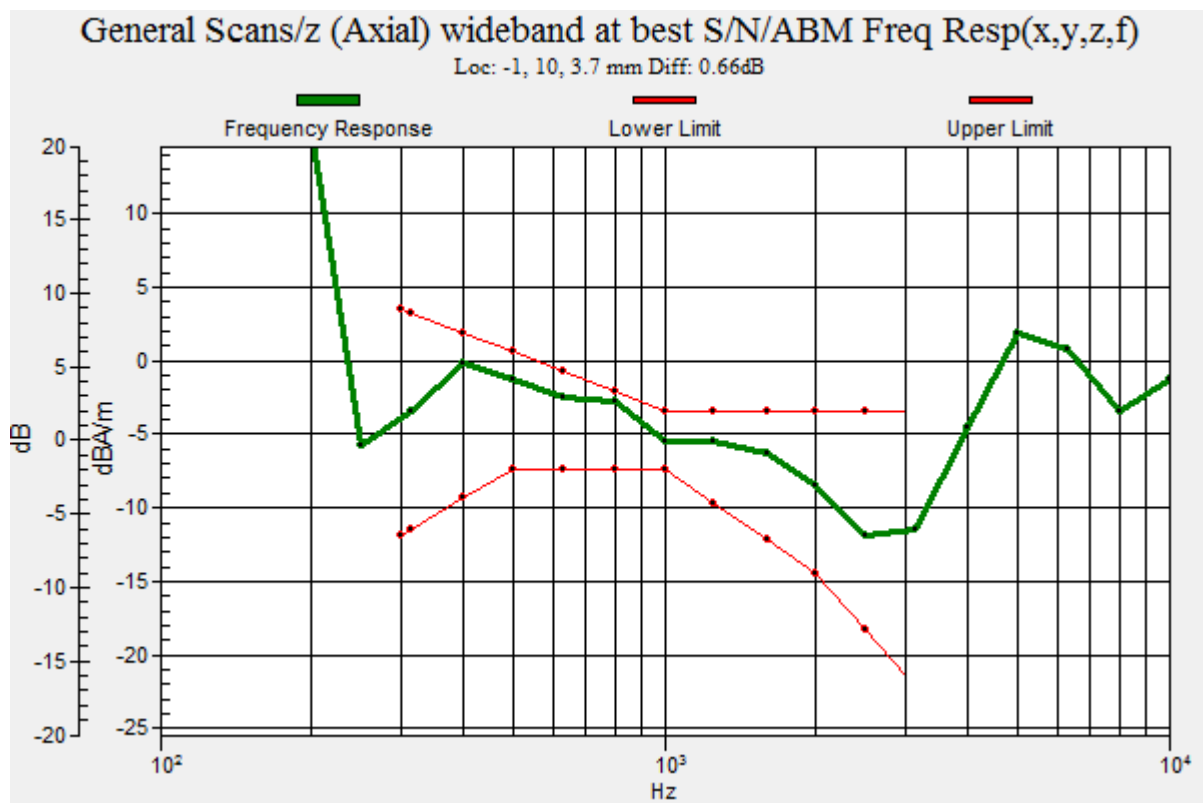
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/16

31_5GNR_n66_DFT-s QPSK20M_EVS NB 5.9kbps_Ch349000_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1745 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

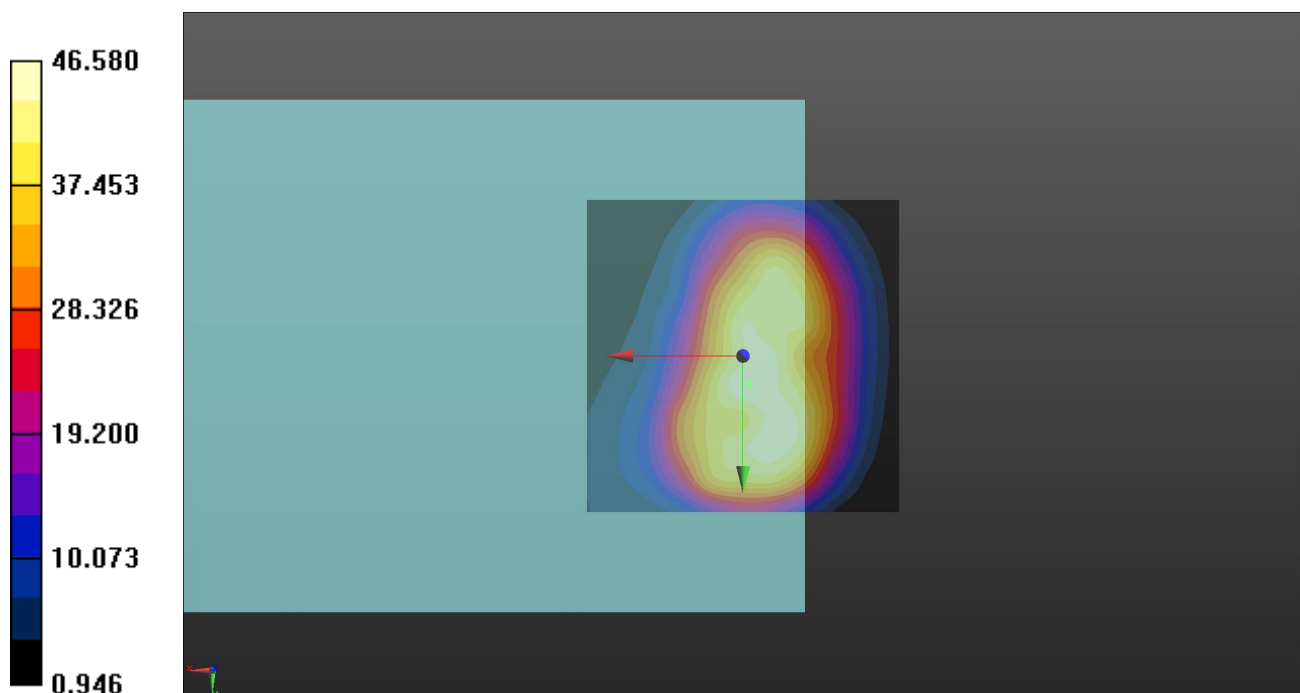
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 33.36 dB

ABM1 comp = -7.82 dBA/m

Location: -1, 4.5, 3.7 mm



Date: 2023/11/16

31_5GNR_n66_DFT-s QPSK20M_EVS NB 5.9kbps_Ch349000_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1745 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

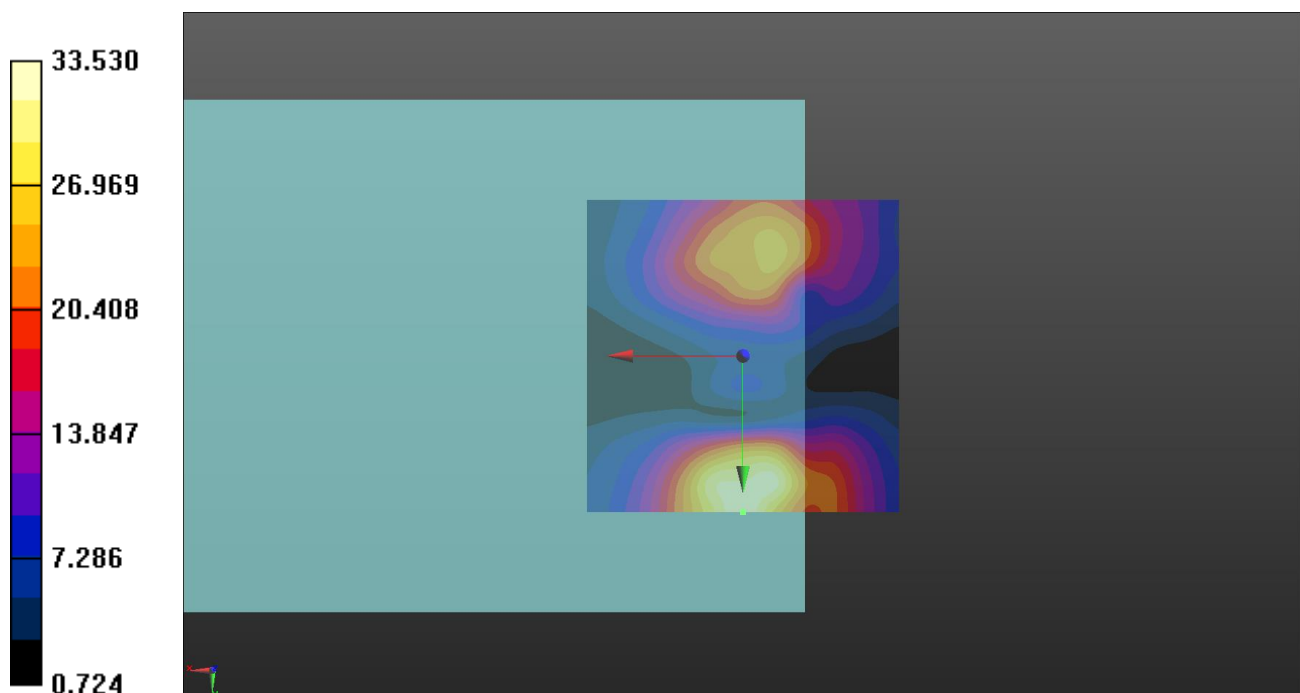
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.51 dB

ABM1 comp = -13.02 dBA/m

Location: 0, 25, 3.7 mm



Date: 2023/11/16

31_5GNR_n66_DFT-s QPSK20M_EVS NB 5.9kbps_Ch349000_100RB_OS0_Freq Resp**DUT: Smart-Ex 03**

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 1745 MHz; Duty Cycle: 1:3.87

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

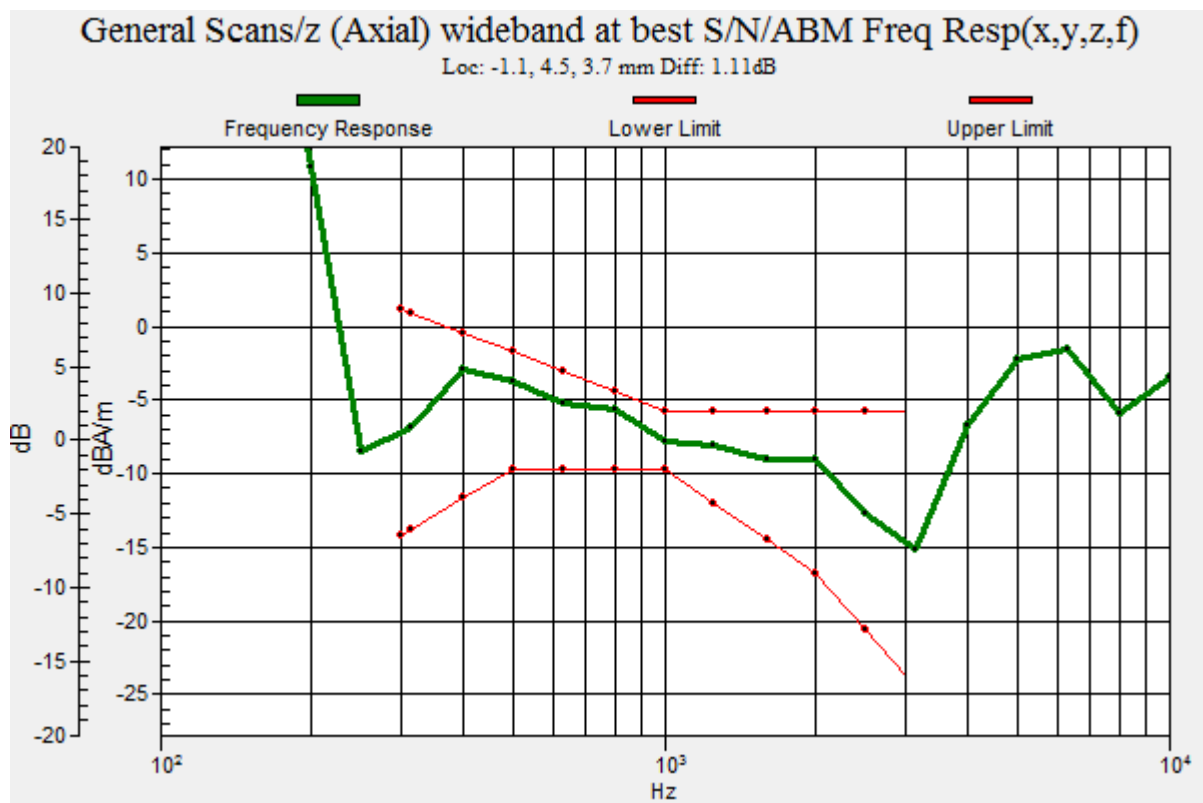
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/16

32_5GNR_n71_DFT-s QPSK20M_EVS NB 5.9kbps_Ch136100_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

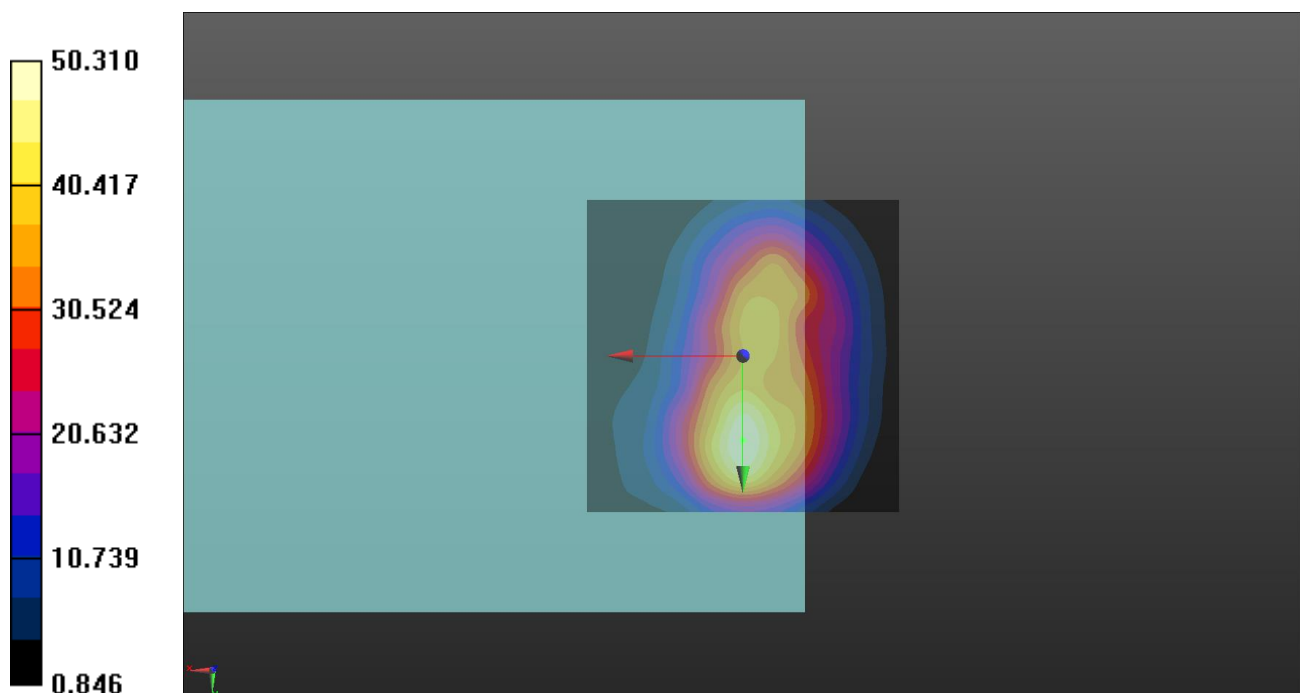
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.03 dB

ABM1 comp = -5.68 dBA/m

Location: 0, 13.5, 3.7 mm



Date: 2023/11/16

32_5GNR_n71_DFT-s QPSK20M_EVS NB 5.9kbps_Ch136100_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz; Duty Cycle: 1:3.87

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

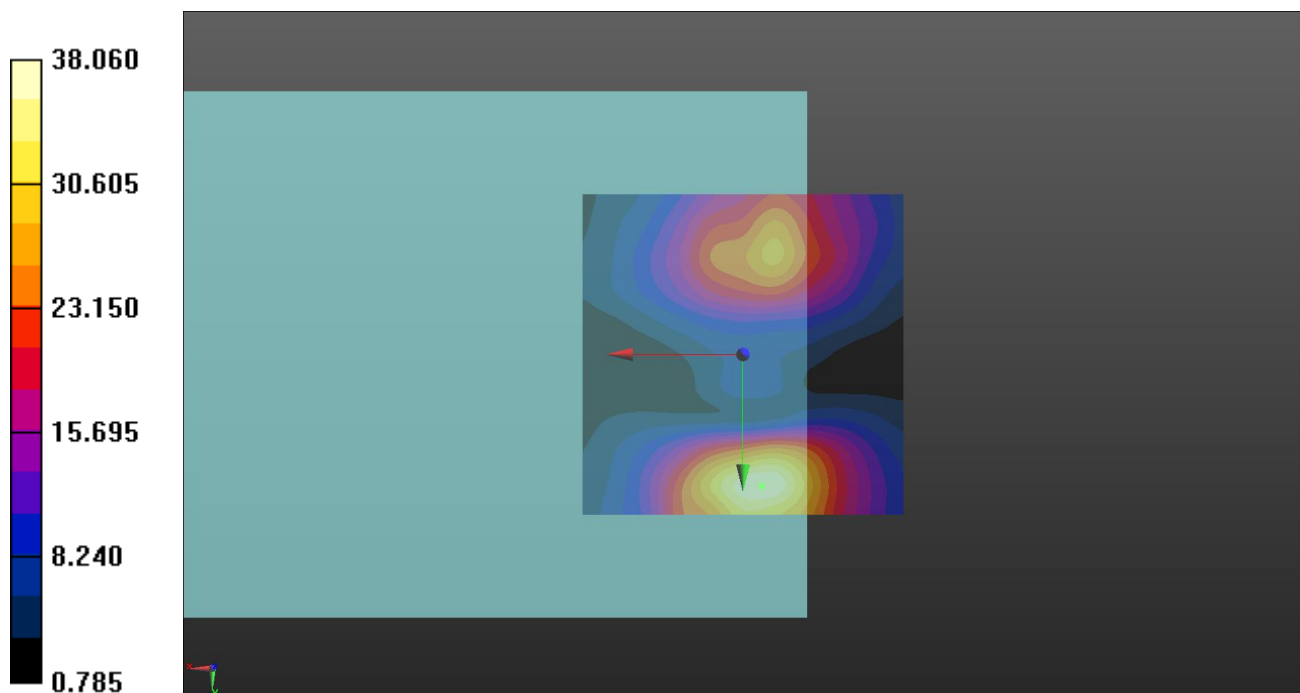
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.61 dB

ABM1 comp = -12.14 dBA/m

Location: -3, 20.5, 3.7 mm



Date: 2023/11/16

32_5GNR_n71_DFT-s QPSK20M_EVS NB 5.9kbps_Ch136100_100RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz; Duty Cycle: 1:3.87

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

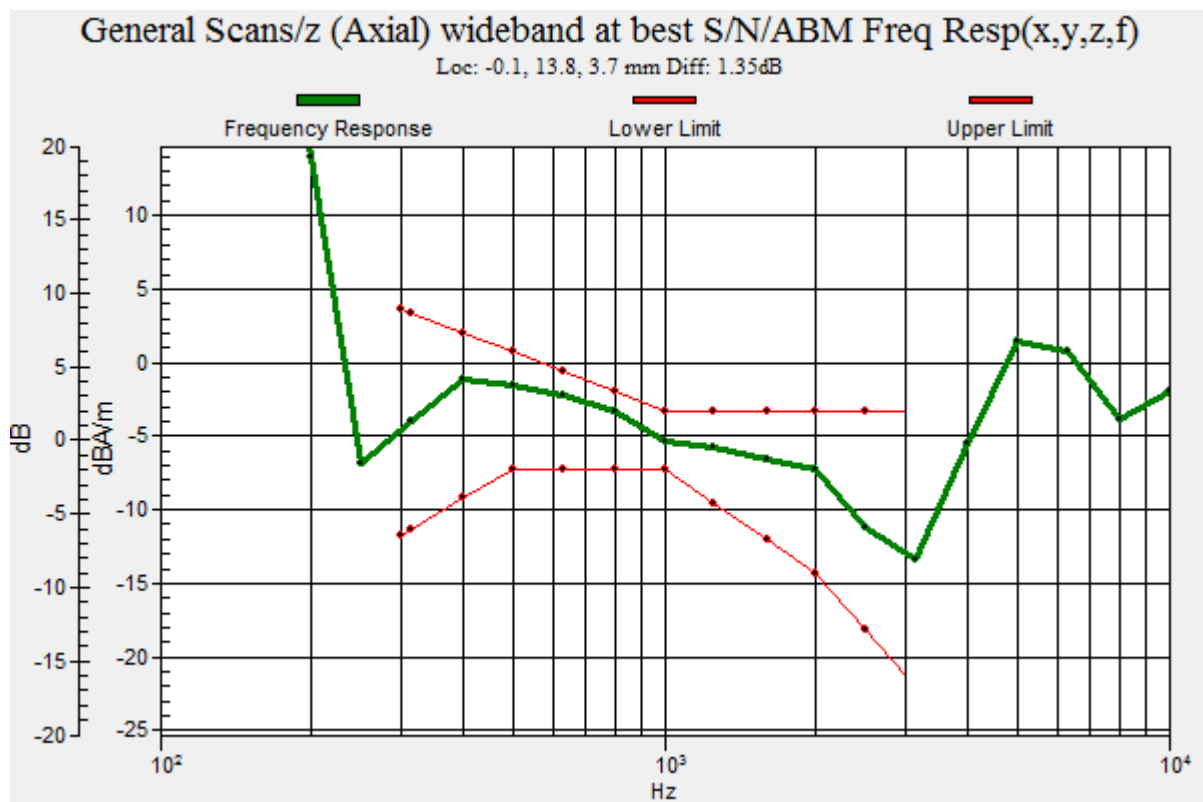
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/15

33_5GNR_n38_DFT-s QPSK40M_EVS NB 5.9Kbps_Ch519000_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10924 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz); Frequency: 2595 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

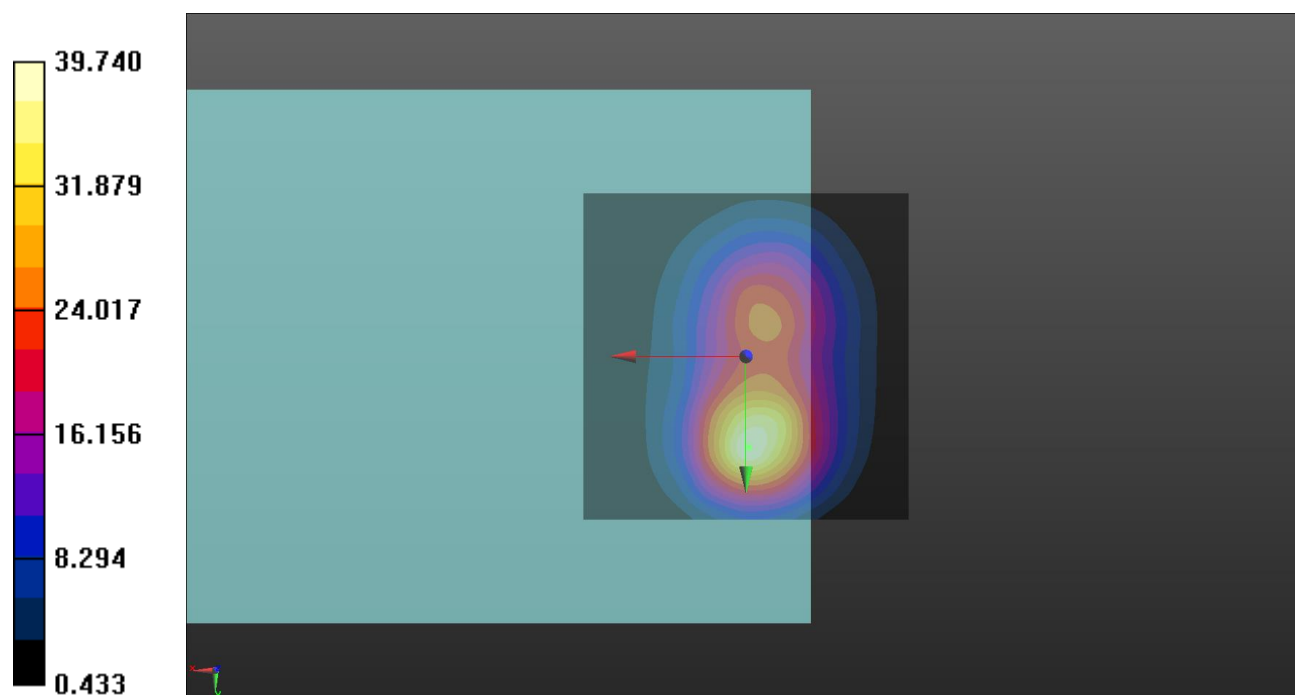
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.99 dB

ABM1 comp = -1.60 dBA/m

Location: -0.5, 14, 3.7 mm



Date: 2023/11/15

33_5GNR_n38_DFT-s QPSK40M_EVS NB 5.9Kbps_Ch519000_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10924 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz); Frequency: 2595 MHz; Duty Cycle: 1:3.84

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

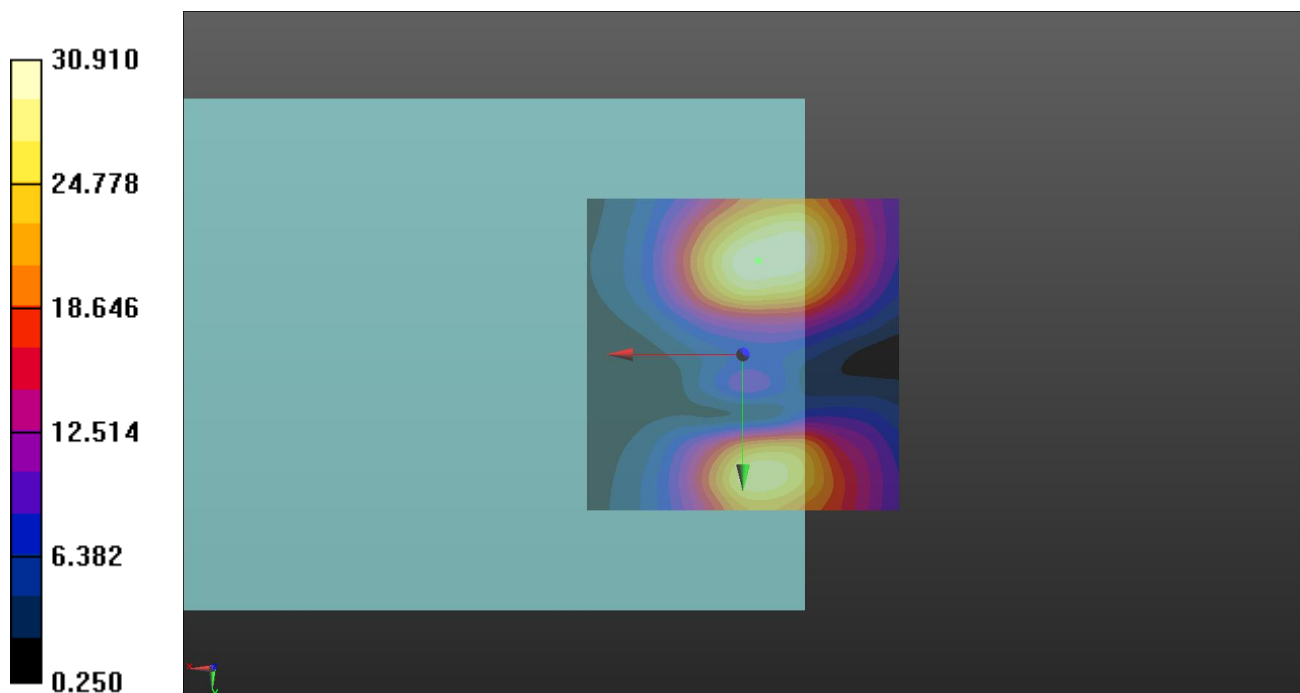
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.80 dB

ABM1 comp = -11.99 dBA/m

Location: -2.5, -15, 3.7 mm



Date: 2023/11/15

33_5GNR_n38_DFT-s QPSK40M_EVS NB 5.9Kbps_Ch519000_100RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10924 - AAB, 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz); Frequency: 2595 MHz; Duty Cycle: 1:3.84

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

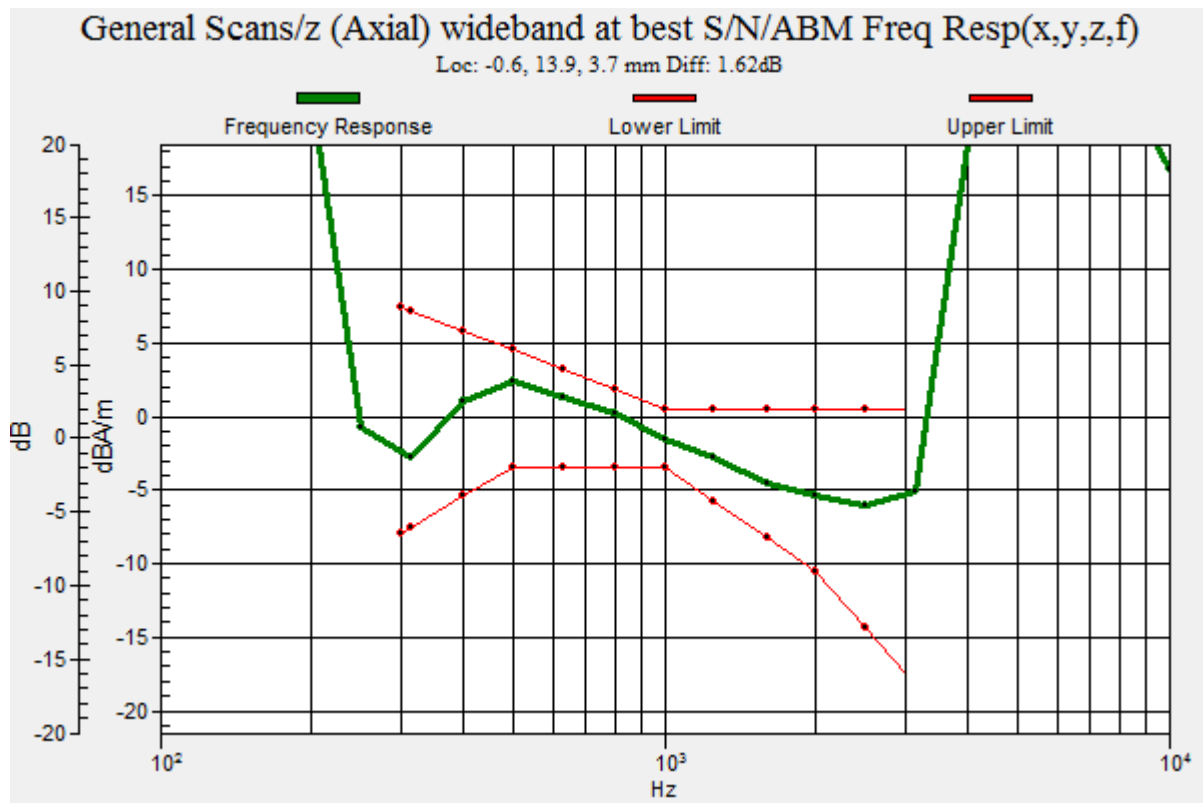
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/15

34 5G NR_n41_DFT-s QPSK100M_Ch518598_270RB_OS0_EVS NB 5.9Kbps_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAF, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

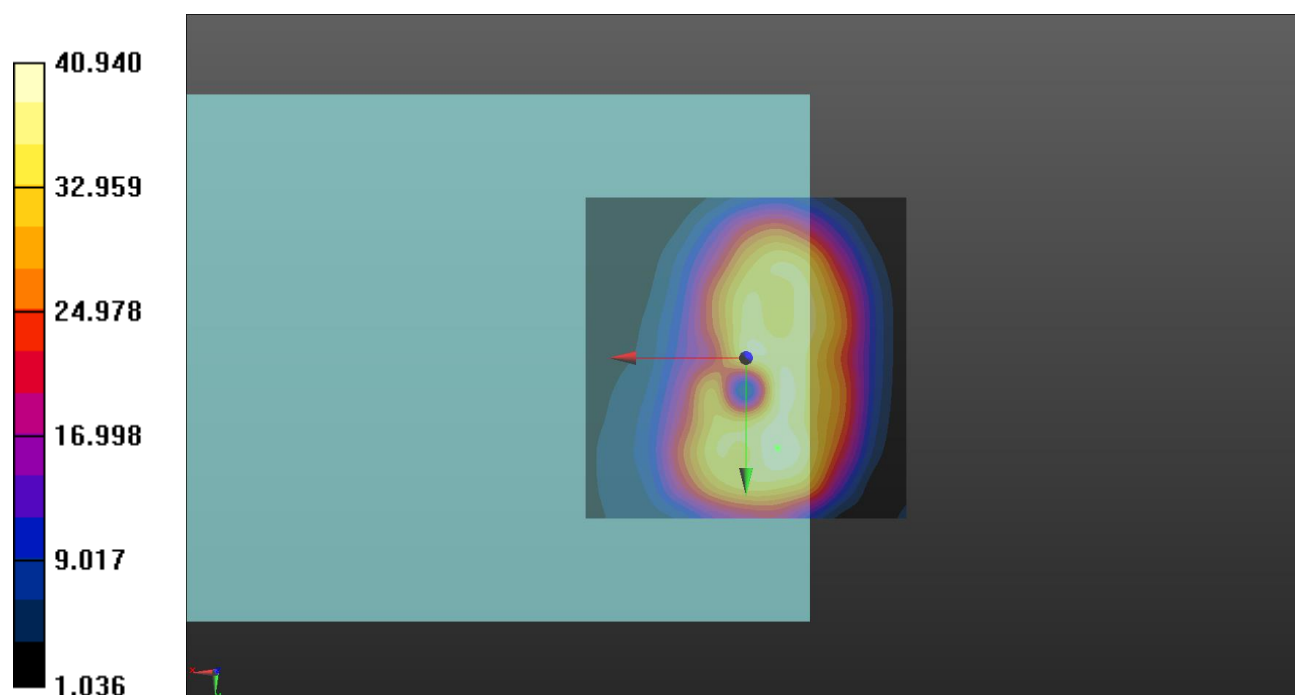
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 32.24 dB

ABM1 comp = -6.33 dBA/m

Location: -5, 14, 3.7 mm



Date: 2023/11/15

34 5G NR_n41_DFT-s QPSK100M_Ch518598_270RB_OS0_EVS NB 5.9Kbps_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAF, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

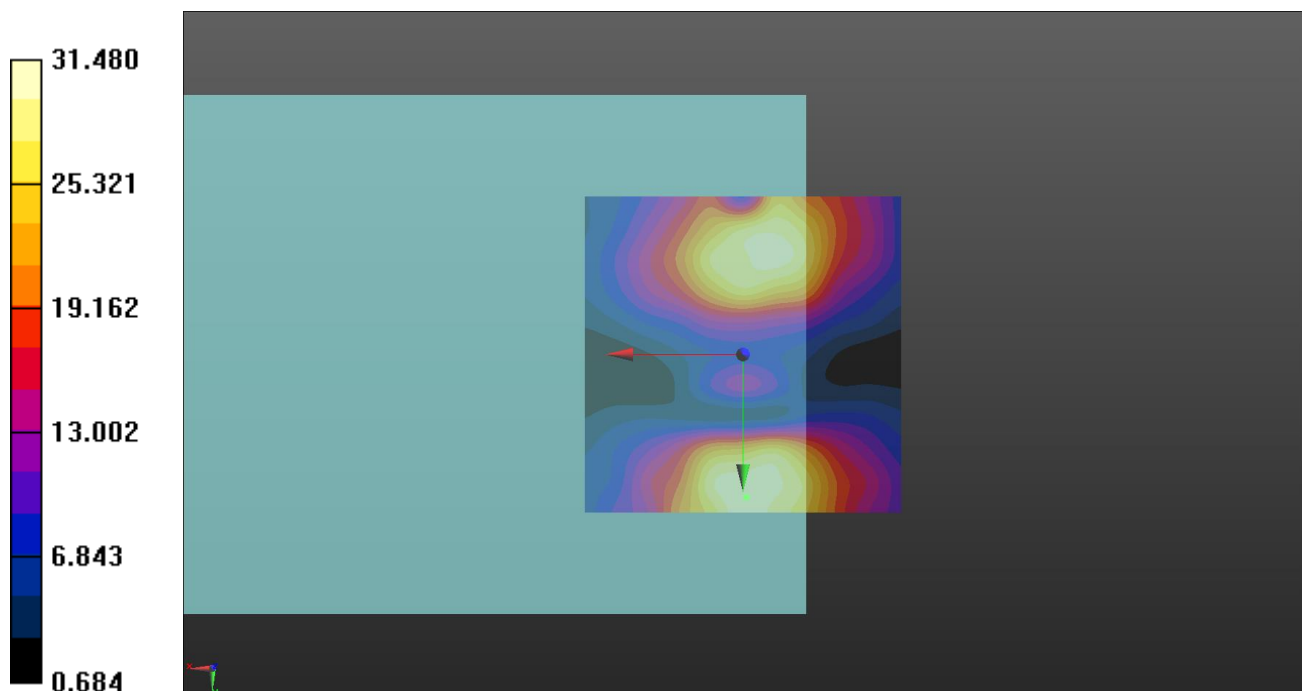
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.96 dB

ABM1 comp = -11.07 dBA/m

Location: -0.5, 22.5, 3.7 mm



Date: 2023/11/15

34 5GNR_n41_DFT-s QPSK100M_Ch518598_270RB_OS0_EVS NB 5.9Kbps_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10868 - AAF, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:3.89

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

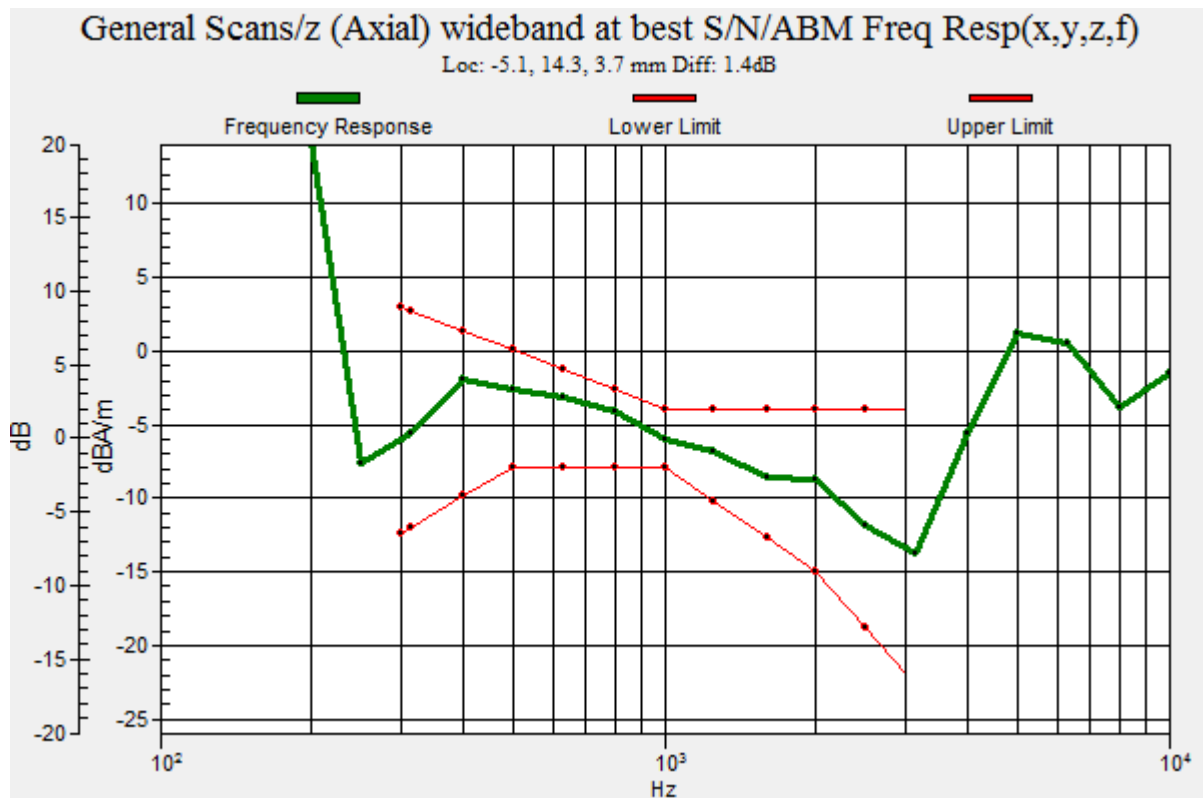
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/15

35_5GNR_n48_DFT-s QPSK40M_EVS NB 5.9kbps_Ch640444_100RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3606.66 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

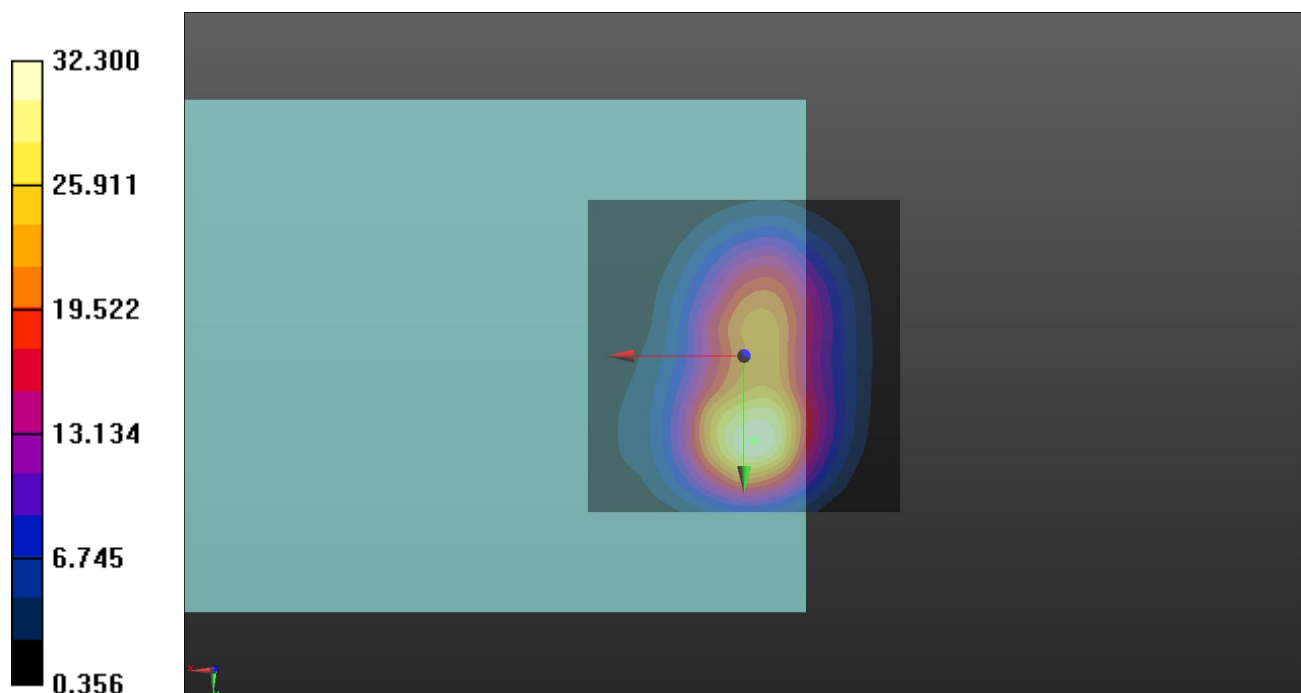
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.18 dB

ABM1 comp = -3.23 dBA/m

Location: -1.5, 13.5, 3.7 mm



Date: 2023/11/15

35_5GNR_n48_DFT-s QPSK40M_EVS NB 5.9kbps_Ch640444_100RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3606.66 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

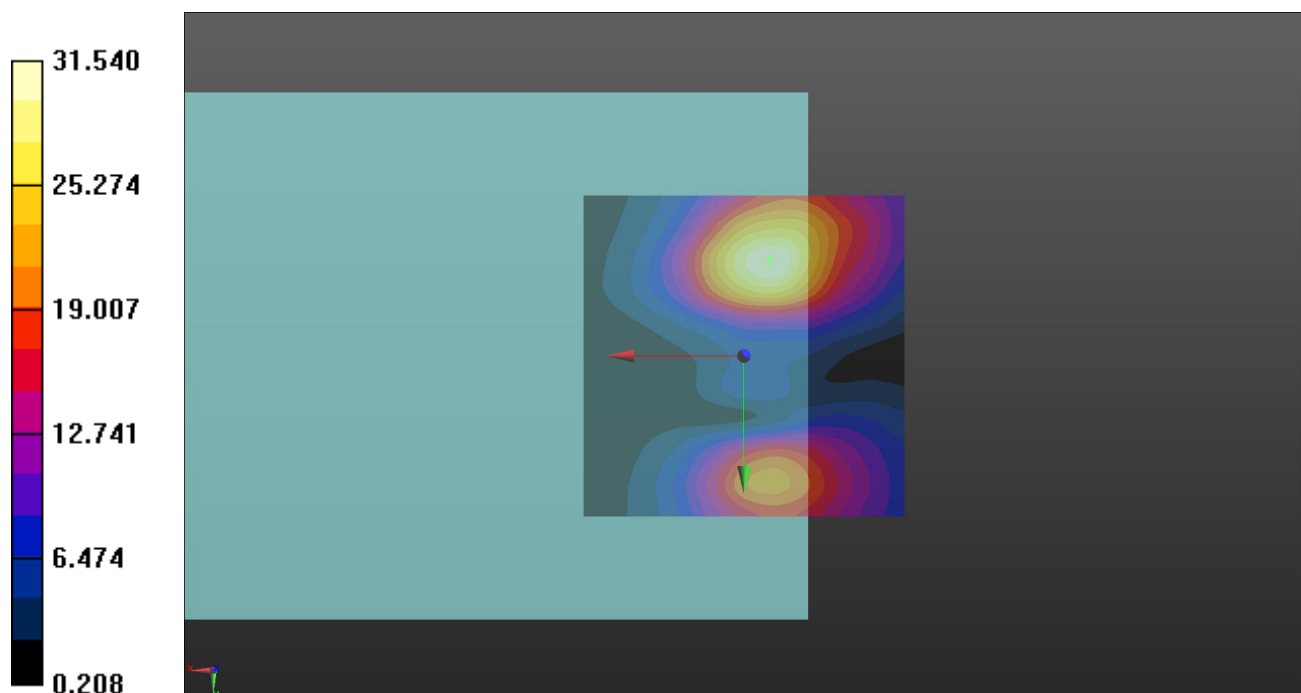
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.98 dB

ABM1 comp = -12.58 dBA/m

Location: -4, -15, 3.7 mm



Date: 2023/11/15

35_5GNR_n48_DFT-s QPSK40M_EVS NB 5.9kbps_Ch640444_100RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3606.66 MHz; Duty Cycle: 1:3.89

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

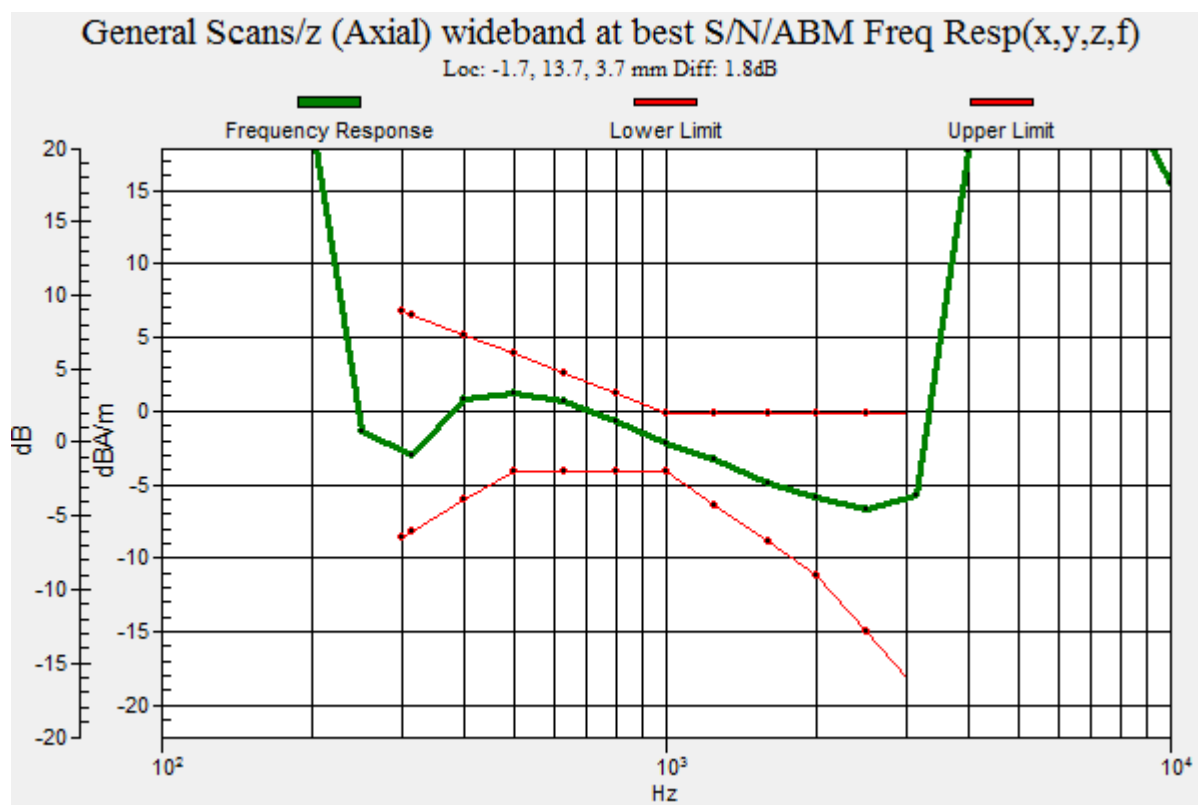
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/15

36_5GNR_n77_DFT-s QPSK100M_EVS NB 5.9kbps_Ch645619_270RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3684.3 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

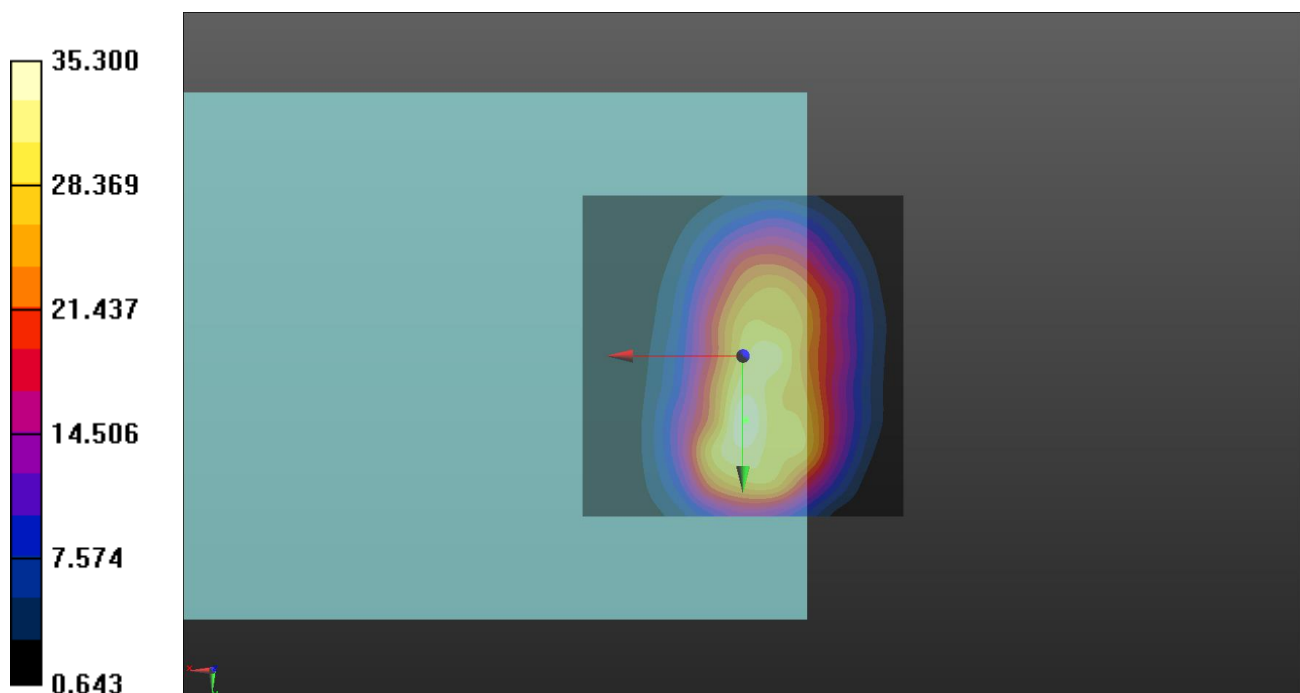
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.95 dB

ABM1 comp = -5.37 dBA/m

Location: -0.5, 10, 3.7 mm



Date: 2023/11/15

36_5GNR_n77_DFT-s QPSK100M_EVS NB 5.9kbps_Ch645619_270RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3684.3 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

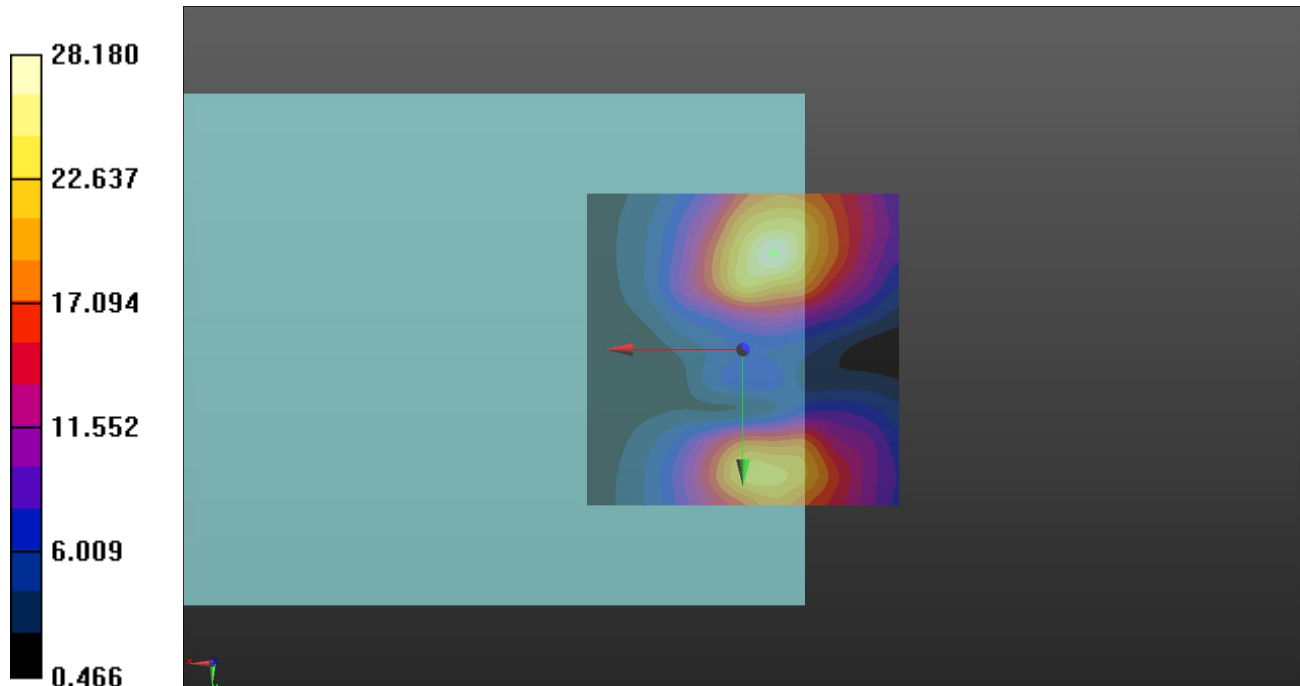
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 29.00 dB

ABM1 comp = -15.40 dBA/m

Location: -5, -15.5, 3.7 mm



Date: 2023/11/15

36_5GNR_n77_DFT-s QPSK100M_EVS NB 5.9kbps_Ch645619_270RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3684.3 MHz; Duty Cycle: 1:3.89

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

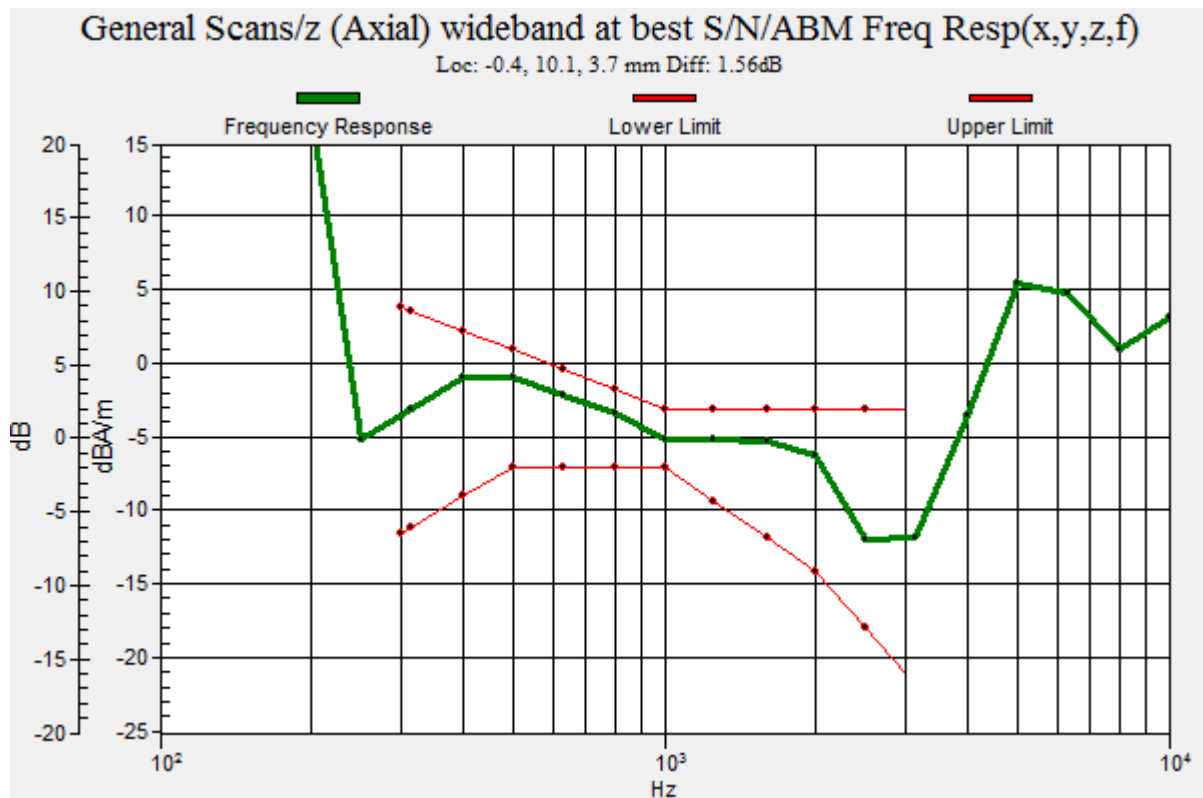
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/15

37_5GNR_n78_DFT-s QPSK100M_EVS NB 5.9kbps_Ch645619_270RB_OS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3648.27 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

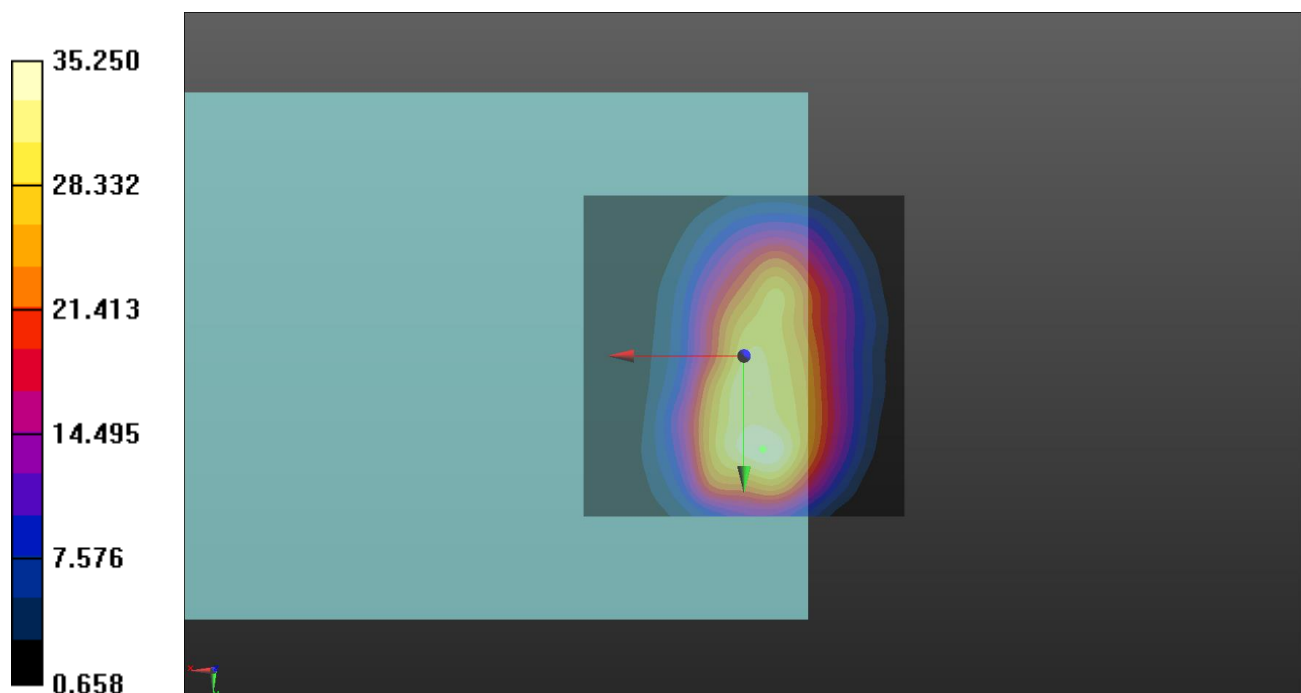
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.94 dB

ABM1 comp = -6.90 dBA/m

Location: -3, 14.5, 3.7 mm



Date: 2023/11/15

37_5GNR_n78_DFT-s QPSK100M_EVS NB 5.9kbps_Ch645619_270RB_OS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3648.27 MHz; Duty Cycle: 1:3.89

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

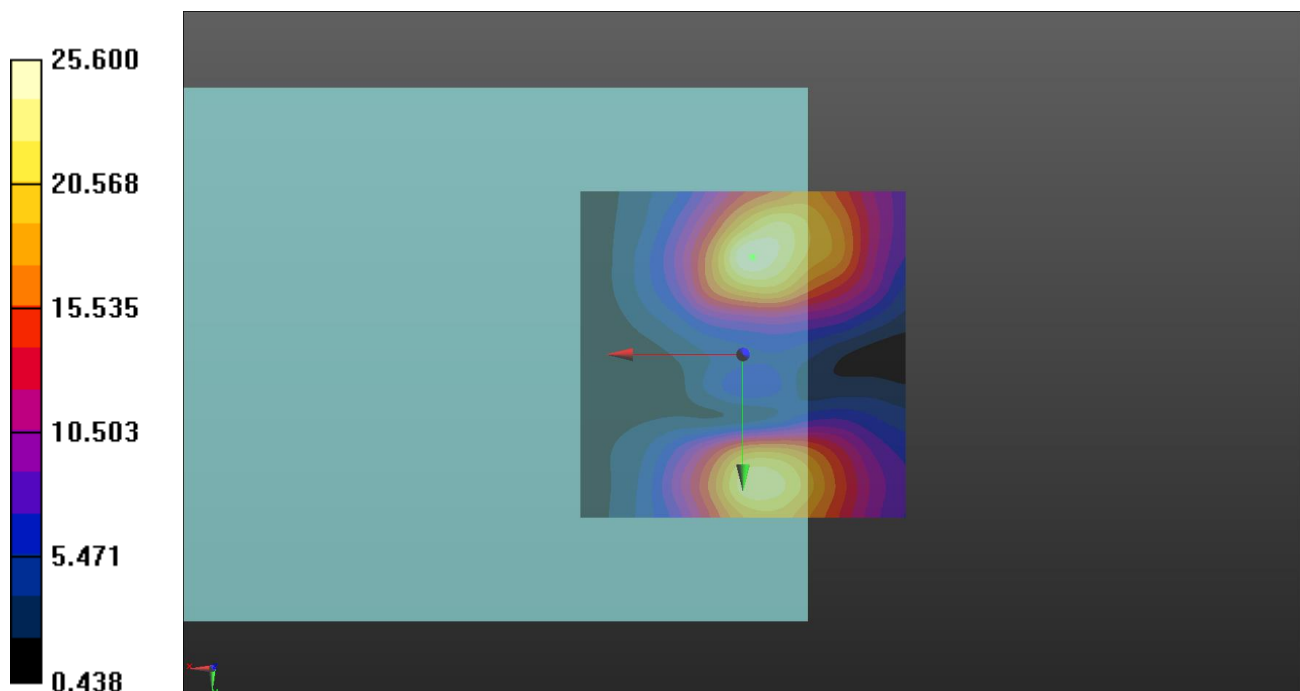
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 28.16 dB

ABM1 comp = -14.62 dBA/m

Location: -1.5, -15, 3.7 mm



Date: 2023/11/15

37_5GNR_n78_DFT-s QPSK100M_EVS NB 5.9kbps_Ch645619_270RB_OS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 3648.27 MHz; Duty Cycle: 1:3.89

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

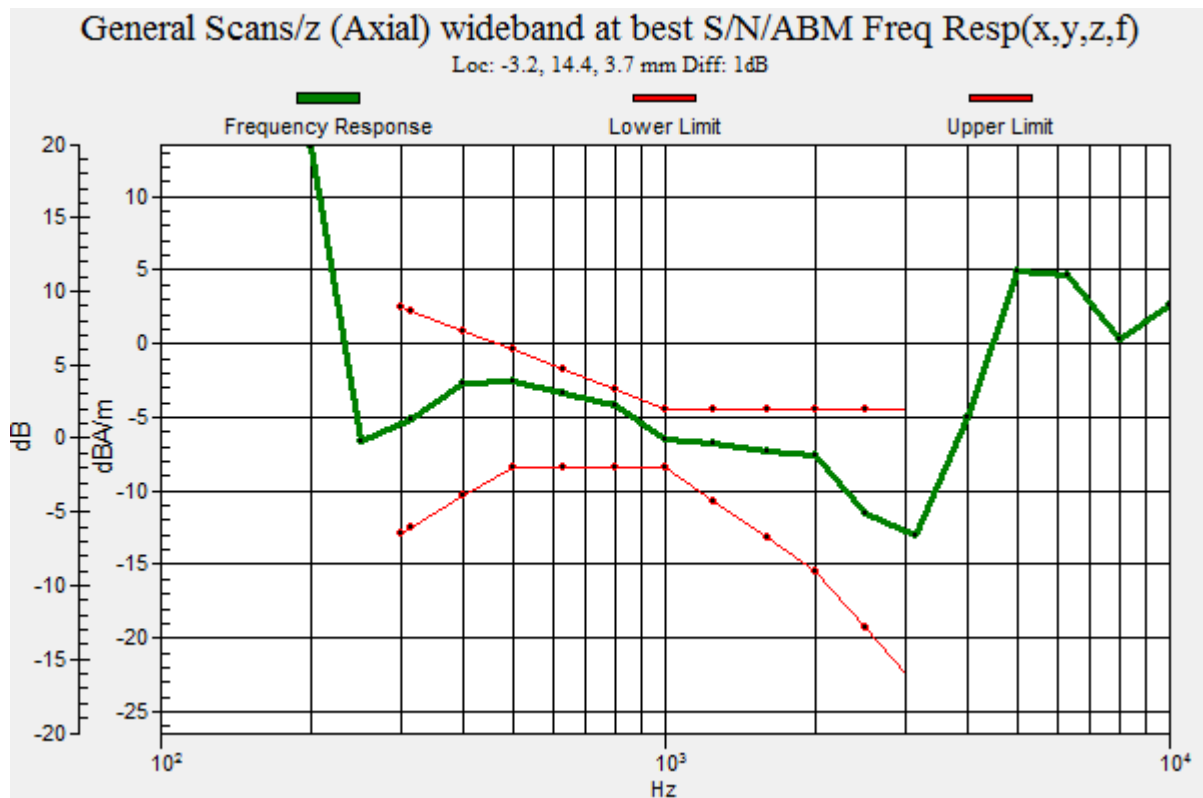
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/11

38_WLAN2.4G_EVS NB 5.9kbps_802.11b_Ch6_1M_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.54

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

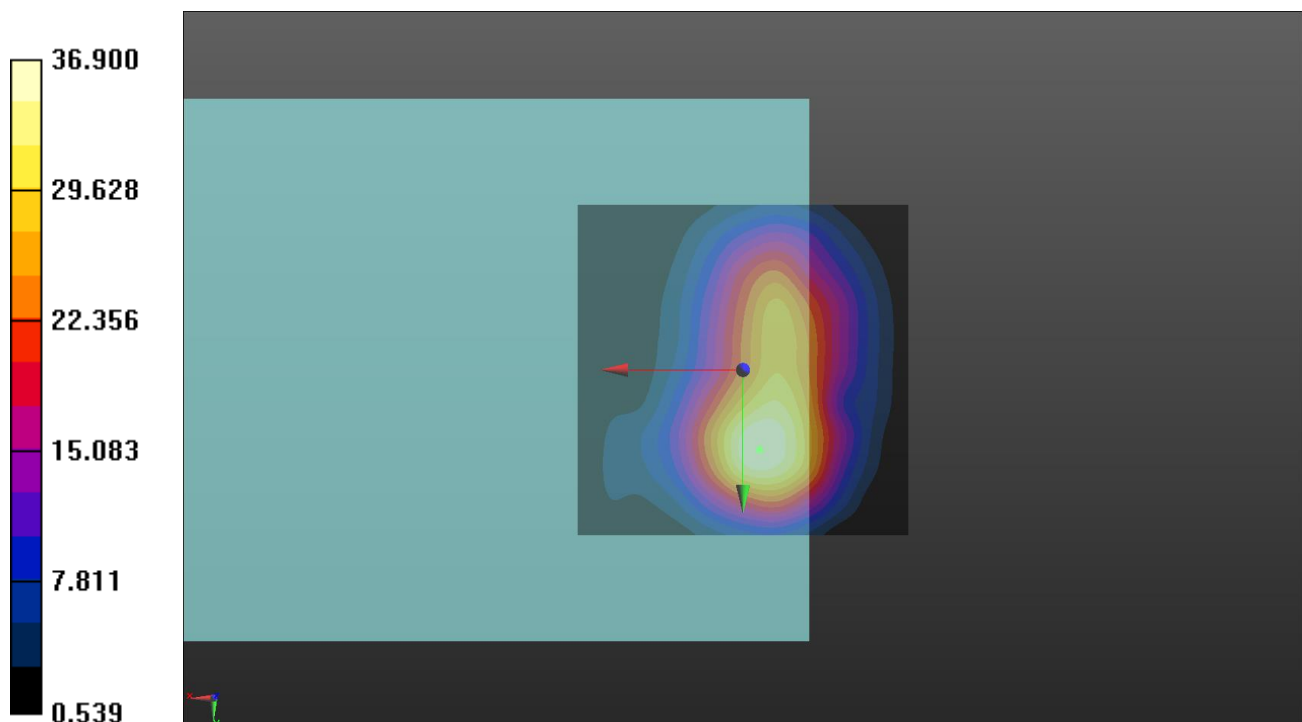
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 31.34 dB

ABM1 comp = -7.14 dBA/m

Location: -2.5, 12, 3.7 mm



Date: 2023/11/11

38_WLAN2.4G_EVS NB 5.9kbps_802.11b_Ch6_1M_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.54

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

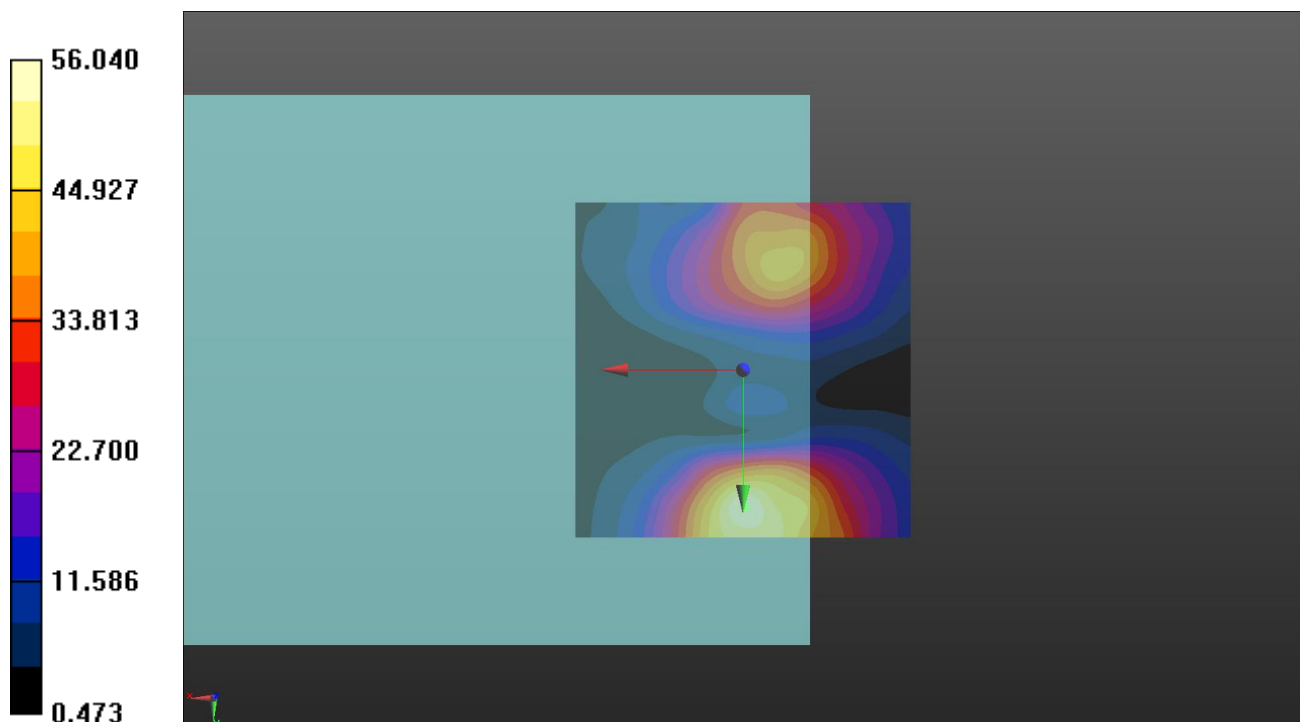
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.97 dB

ABM1 comp = -8.89 dBA/m

Location: -0.5, 20.5, 3.7 mm



Date: 2023/11/11

38_WLAN2.4G_EVS NB 5.9kbps_802.11b_Ch6_1M_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.54

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

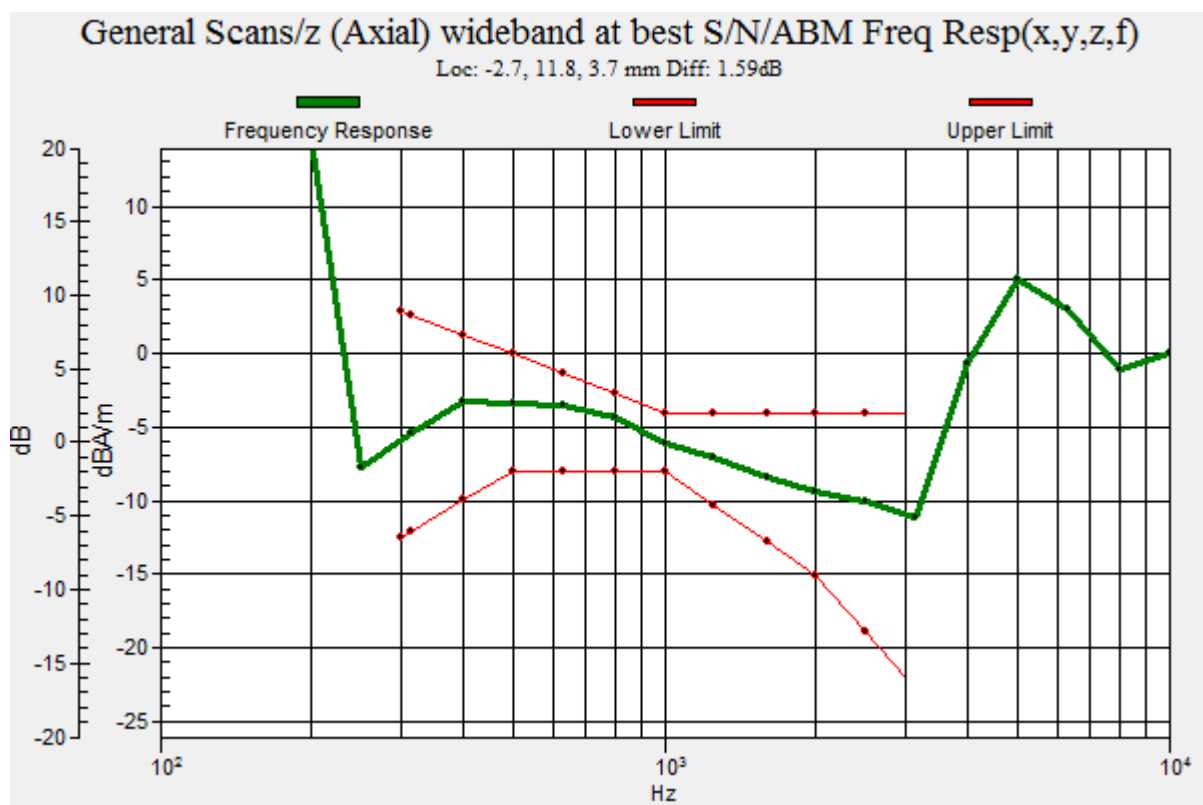
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid: dx=10mm, dy=10mm



Date: 2023/11/11

39_WLAN5.2G_EVS NB 5.9kbps_802.11n HT20_Ch40_MCS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);

Frequency: 5200 MHz; Duty Cycle: 1:6.45

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

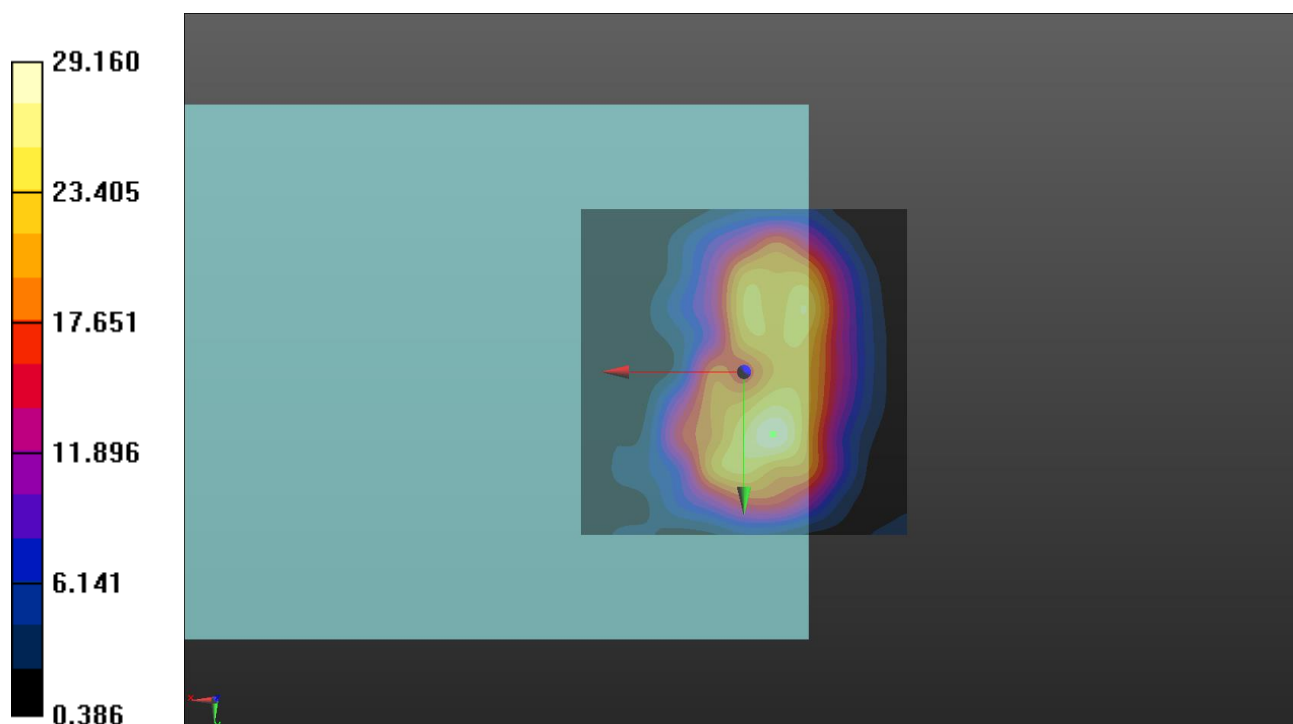
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 30.03 dB

ABM1 comp = -8.24 dBA/m

Location: -4.5, 9.5, 3.7 mm



Date: 2023/11/11

39_WLAN5.2G_EVS NB 5.9kbps_802.11n HT20_Ch40_MCS0_Radial (Y)

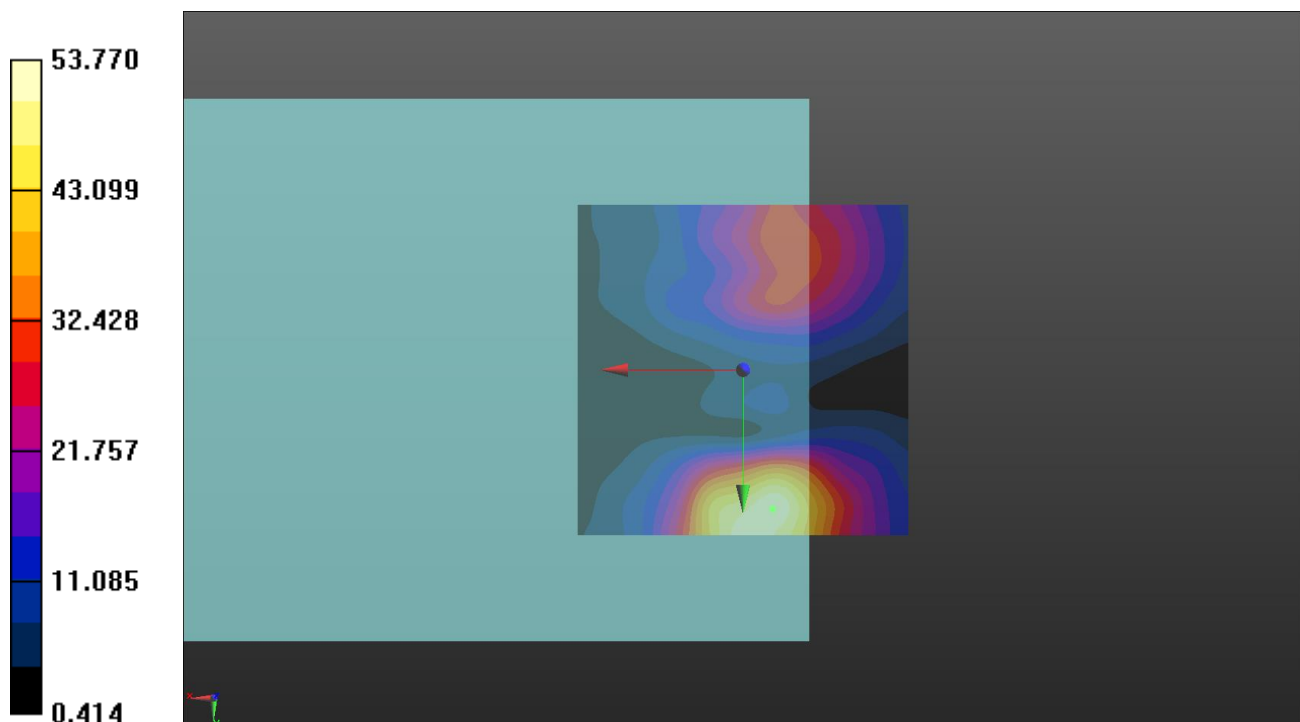
DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);
Frequency: 5200 MHz; Duty Cycle: 1:6.45
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 34.61 dB
ABM1 comp = -10.28 dBA/m
Location: -4.5, 21, 3.7 mm



Date: 2023/11/11

39_WLAN5.2G_EVS NB 5.9kbps_802.11n HT20_Ch40_MCS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);

Frequency: 5200 MHz; Duty Cycle: 1:6.45

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

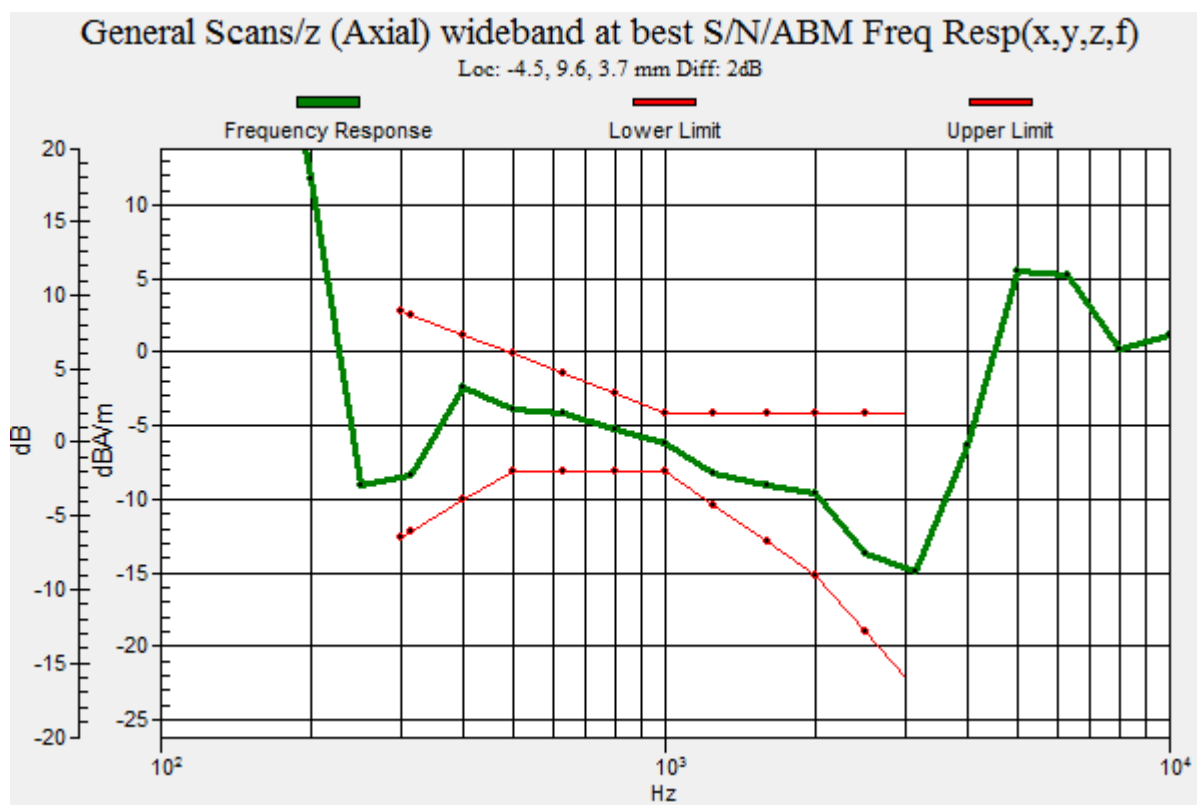
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid:
dx=10mm, dy=10mm



Date: 2023/11/11

40_WLAN5.3G_EVS NB 5.9kbps_802.11n HT20_Ch60_MCS0_Axial (Z)

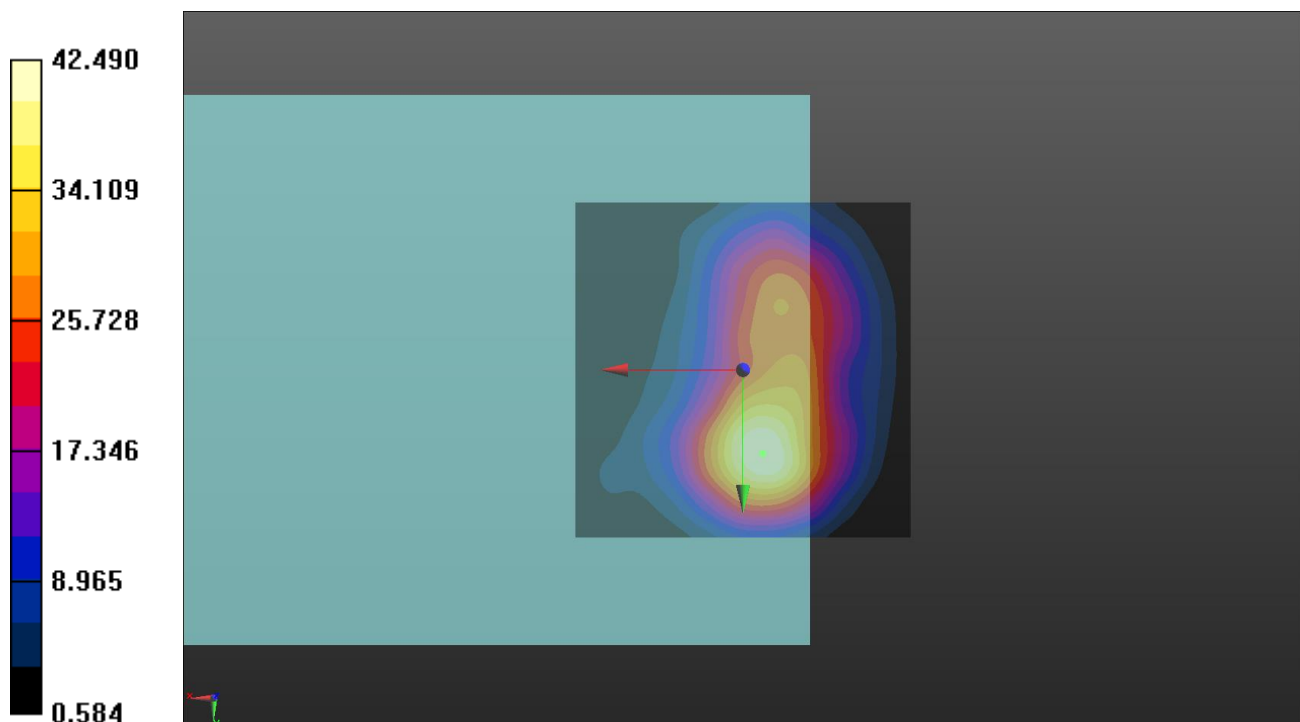
DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);
Frequency: 5300 MHz; Duty Cycle: 1:6.45
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 32.56 dB
ABM1 comp = -7.03 dBA/m
Location: -3, 12.5, 3.7 mm



Date: 2023/11/11

40_WLAN5.3G_EVS NB 5.9kbps_802.11n HT20_Ch60_MCS0_Radial (Y)

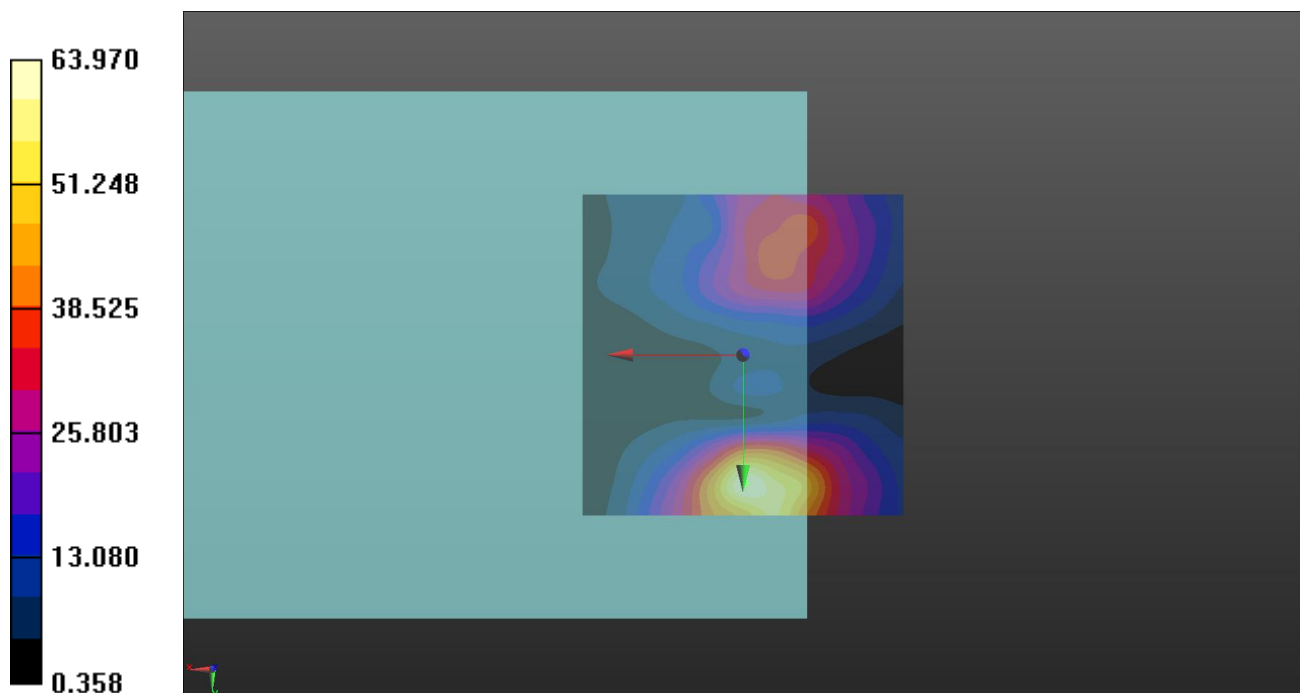
DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);
Frequency: 5300 MHz; Duty Cycle: 1:6.45
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 36.12 dB
ABM1 comp = -8.85 dBA/m
Location: -0.5, 20, 3.7 mm



Date: 2023/11/11

40_WLAN5.3G_EVS NB 5.9kbps_802.11n HT20_Ch60_MCS0_Freq Resp

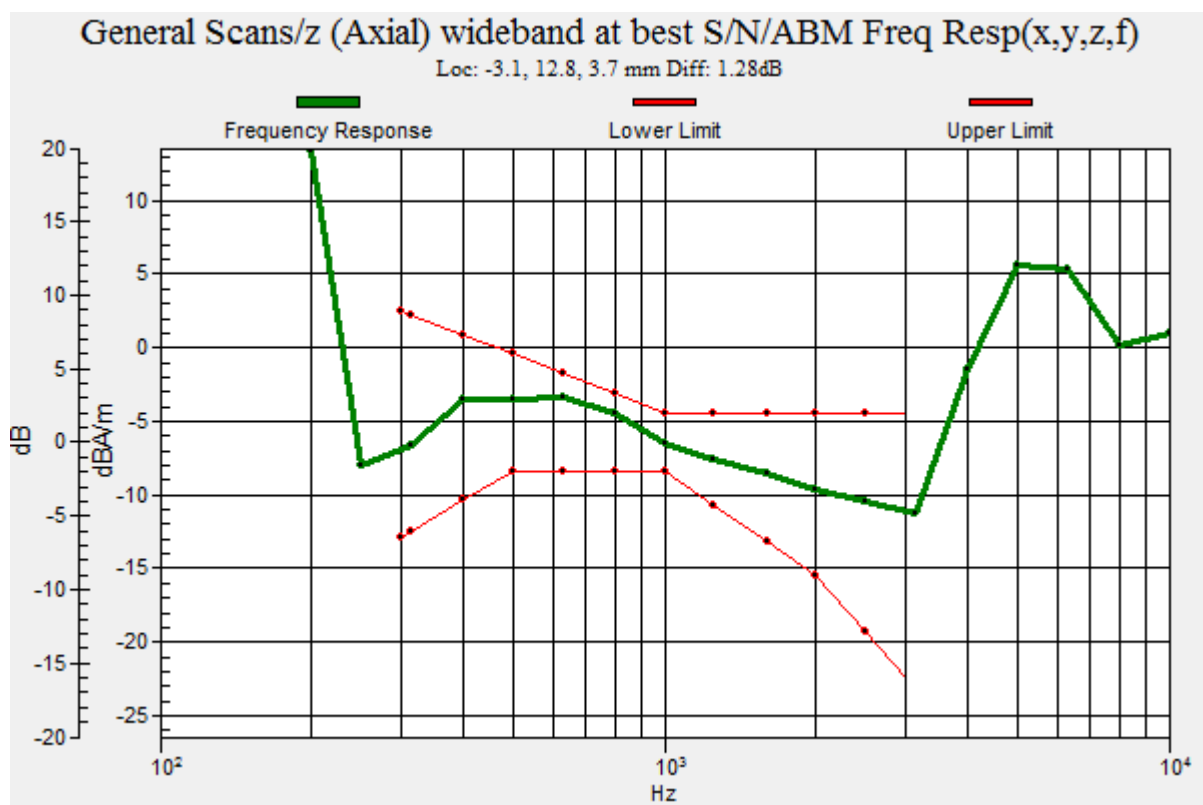
DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);
Frequency: 5300 MHz; Duty Cycle: 1:6.45
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid:
dx=10mm, dy=10mm



Date: 2023/11/11

41_WLAN5.6G_EVS NB 5.9kbps_802.11n HT20_Ch116_MCS0_Axial (Z)

DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);

Frequency: 5580 MHz; Duty Cycle: 1:6.45

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

Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

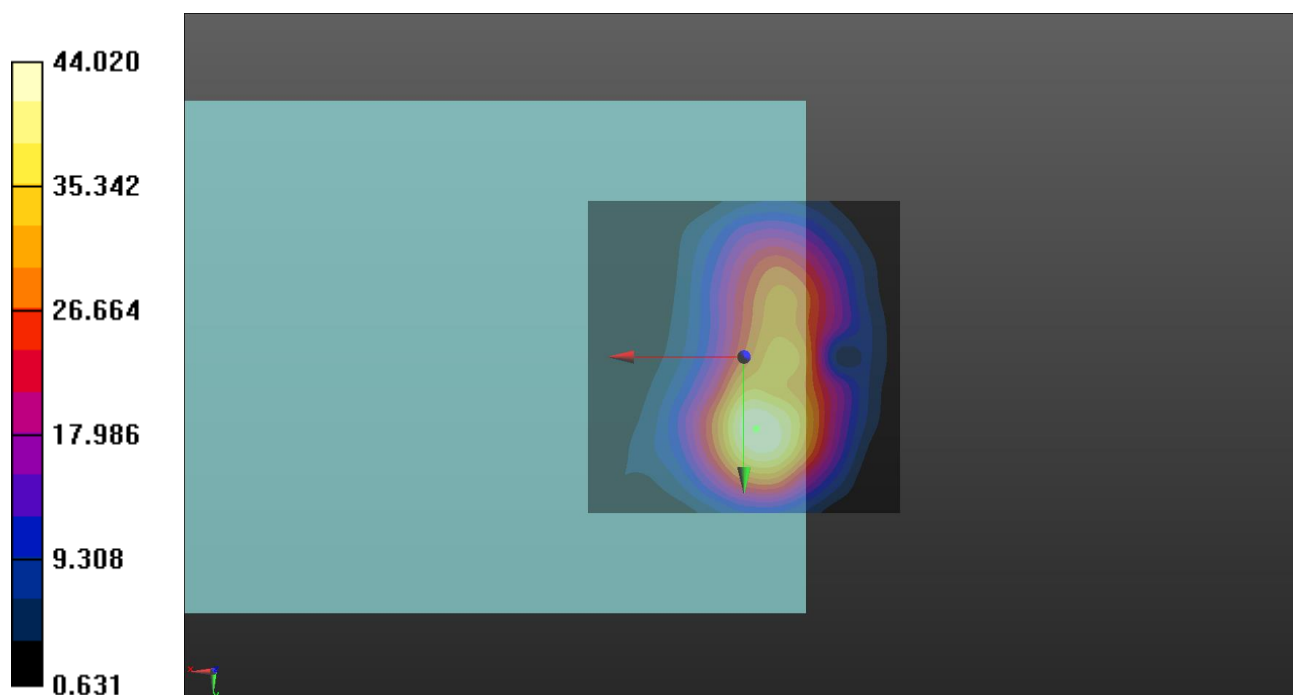
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 32.87 dB

ABM1 comp = -6.46 dBA/m

Location: -2, 11.5, 3.7 mm



Date: 2023/11/11

41_WLAN5.6G_EVS NB 5.9kbps_802.11n HT20_Ch116_MCS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);

Frequency: 5580 MHz; Duty Cycle: 1:6.45

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

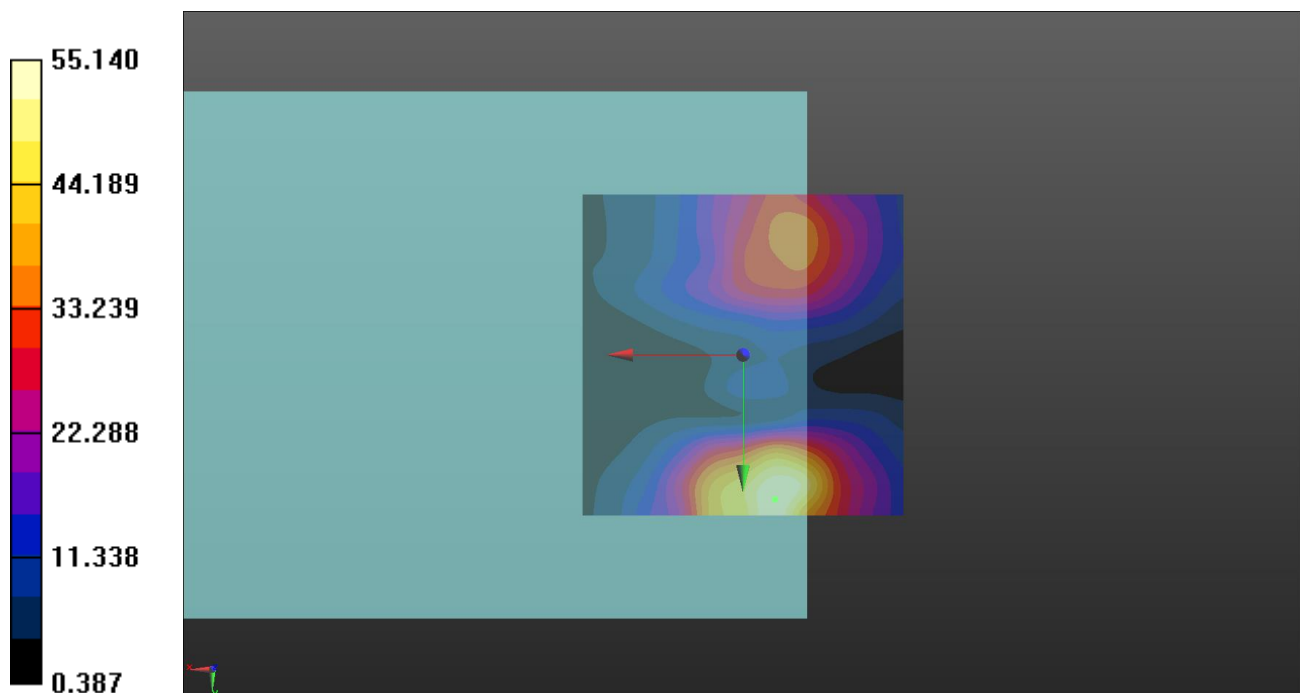
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.83 dB

ABM1 comp = -10.53 dBA/m

Location: -5, 22.5, 3.7 mm



Date: 2023/11/11

41_WLAN5.6G_EVS NB 5.9kbps _802.11n HT20_Ch116_MCS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);

Frequency: 5580 MHz; Duty Cycle: 1:6.45

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

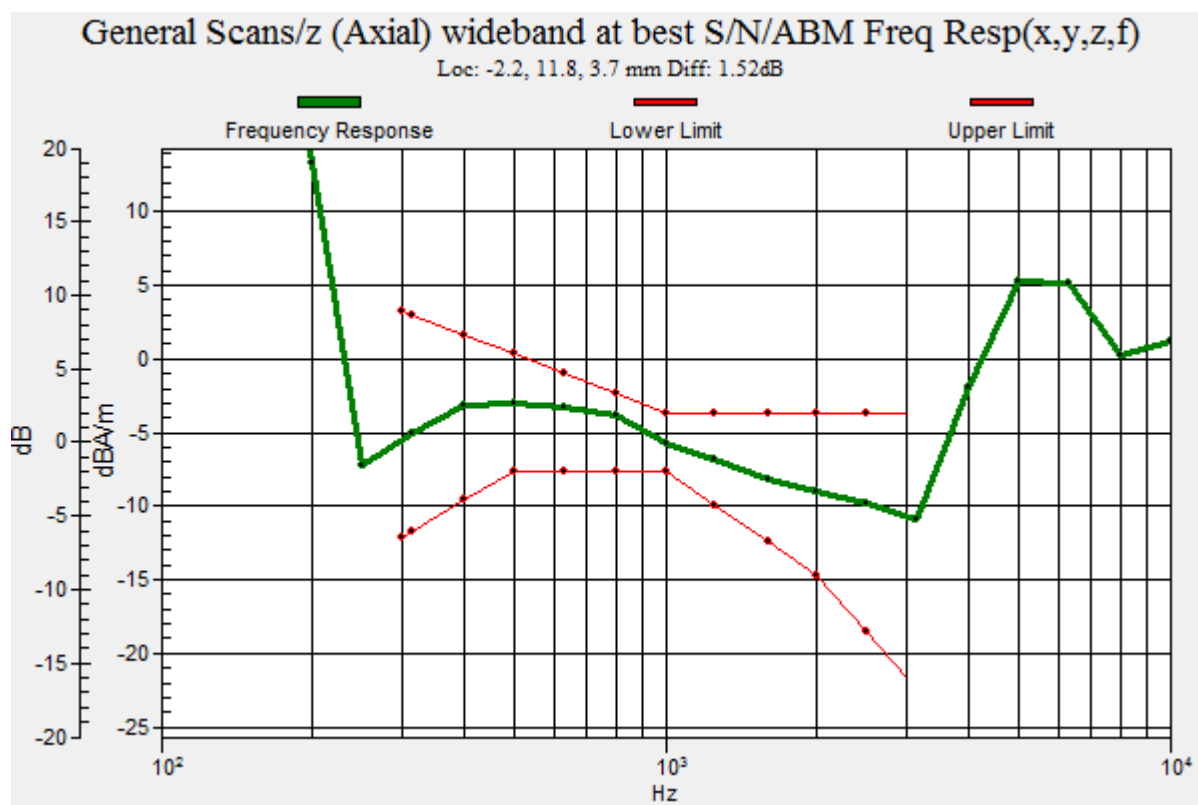
Phantom section: TCoil Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid:
dx=10mm, dy=10mm



Date: 2023/11/11

42_WLAN5.8G_EVS NB 5.9kbps_802.11n HT20_Ch157_MCS0_Axial (Z)

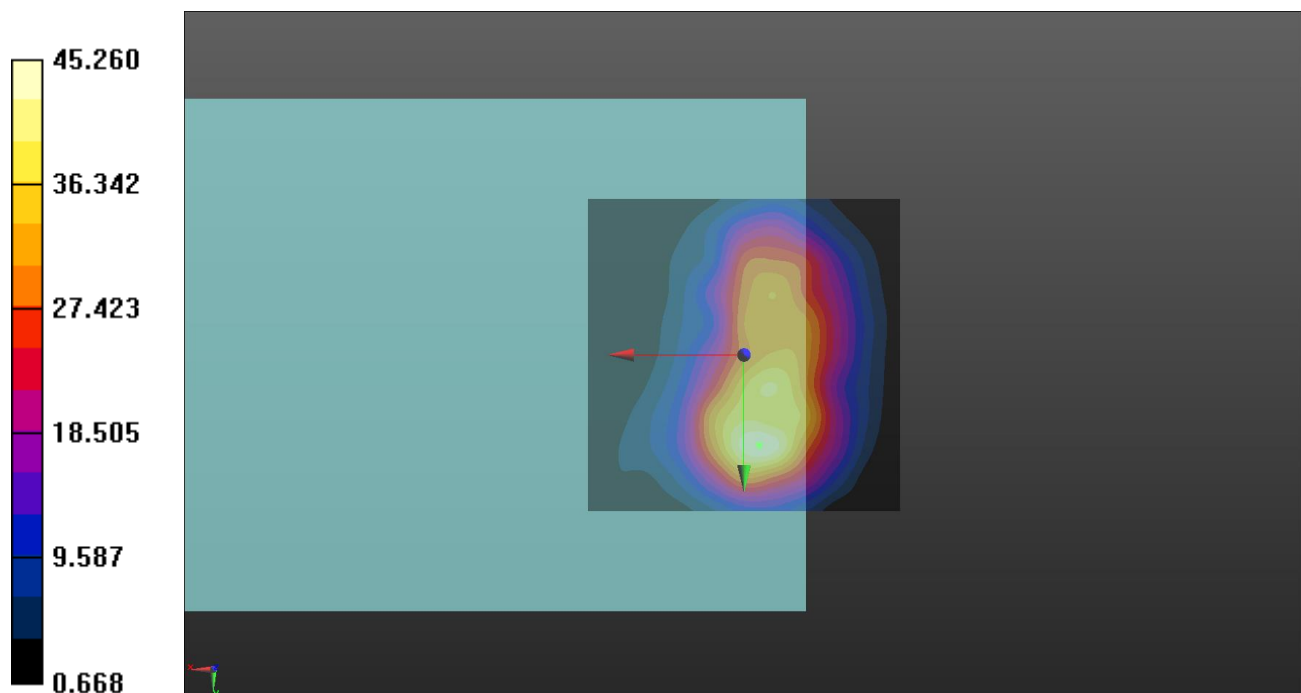
DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);
Frequency: 5580 MHz; Duty Cycle: 1:6.45
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 33.11 dB
ABM1 comp = -7.24 dBA/m
Location: -2.5, 14.5, 3.7 mm



Date: 2023/11/11

42_WLAN5.8G_EVS NB 5.9kbps_802.11n HT20_Ch157_MCS0_Radial (Y)

DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);

Frequency: 5580 MHz; Duty Cycle: 1:6.45

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

Phantom section: TCoil Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

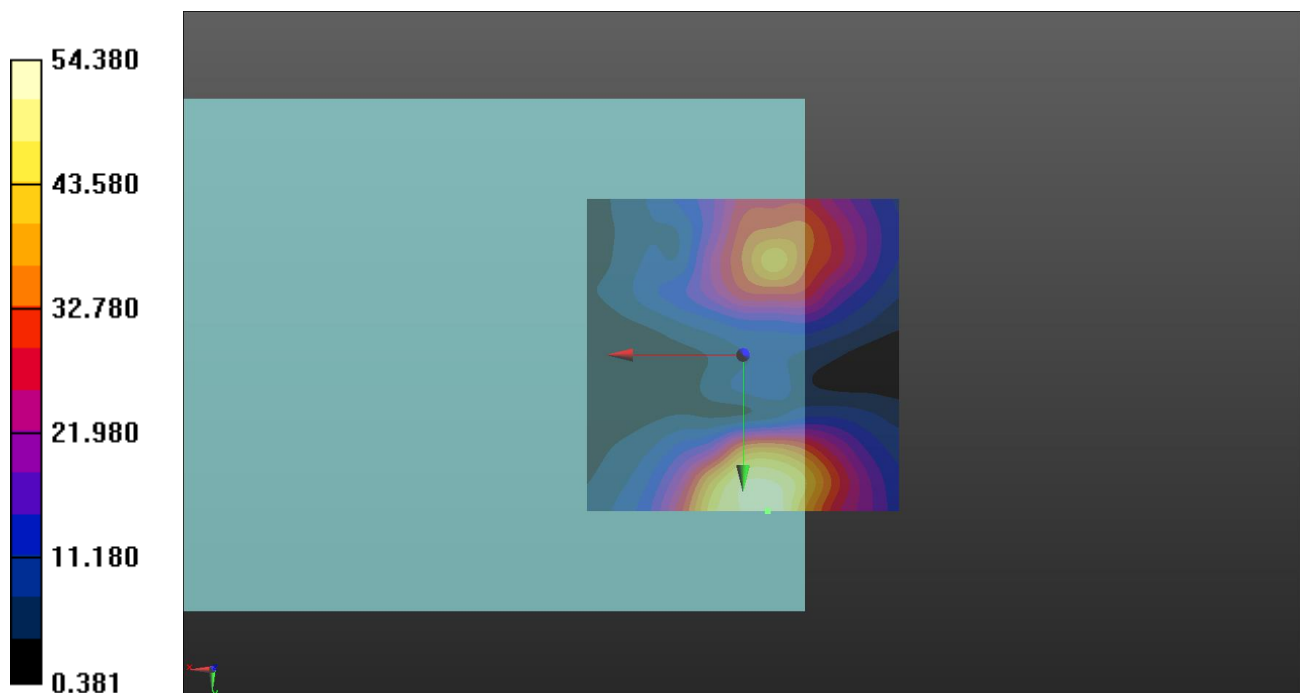
- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 34.71 dB

ABM1 comp = -10.93 dBA/m

Location: -4, 25, 3.7 mm



Date: 2023/11/11

42_WLAN5.8G_EVS NB 5.9kbps_802.11n HT20_Ch157_MCS0_Freq Resp

DUT: Smart-Ex 03

Communication System: UID 10193 - CAD, IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK);
Frequency: 5580 MHz; Duty Cycle: 1:6.45
Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: TCoil Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: AM1DV3 - 3156; ; Calibrated: 2023/8/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn779; Calibrated: 2023/8/7
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

T-Coil scan (scan for ANSI C63.19 compliance)/General Scans: Measurement grid:
dx=10mm, dy=10mm

