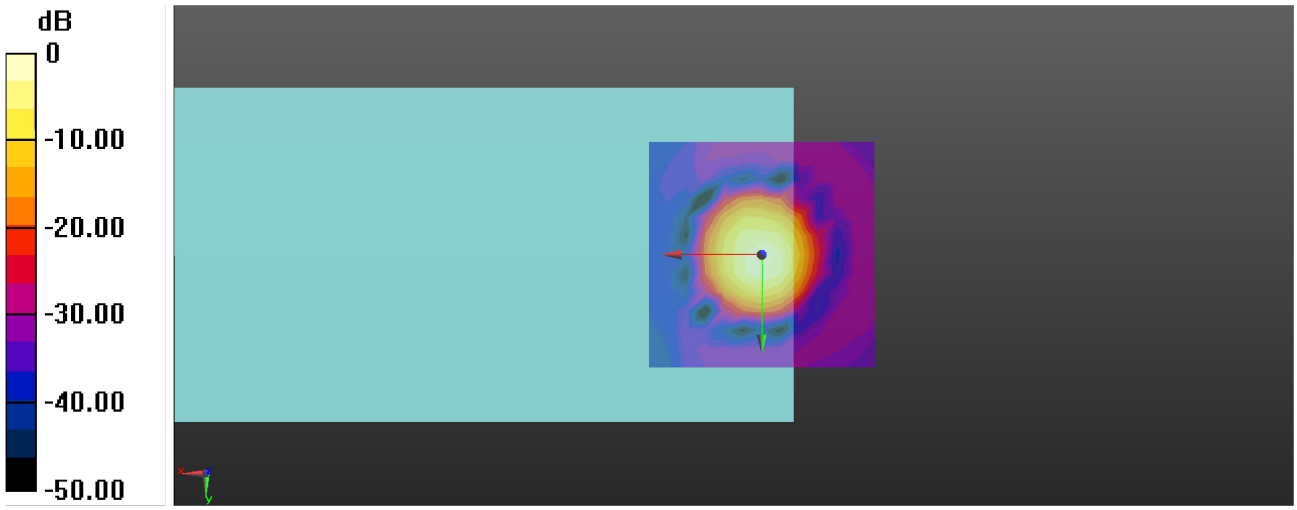
Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/14/2022

P01 T-Coil_GSM850_Ch189_FR V1_Axial (Z)

Communication System: GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 45.73 dB
ABM1 comp = -1.76 dBA/m
Location: 0, 0, 3.7 mm



0 dB = 193.5 = 45.73 dB

Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/14/2022

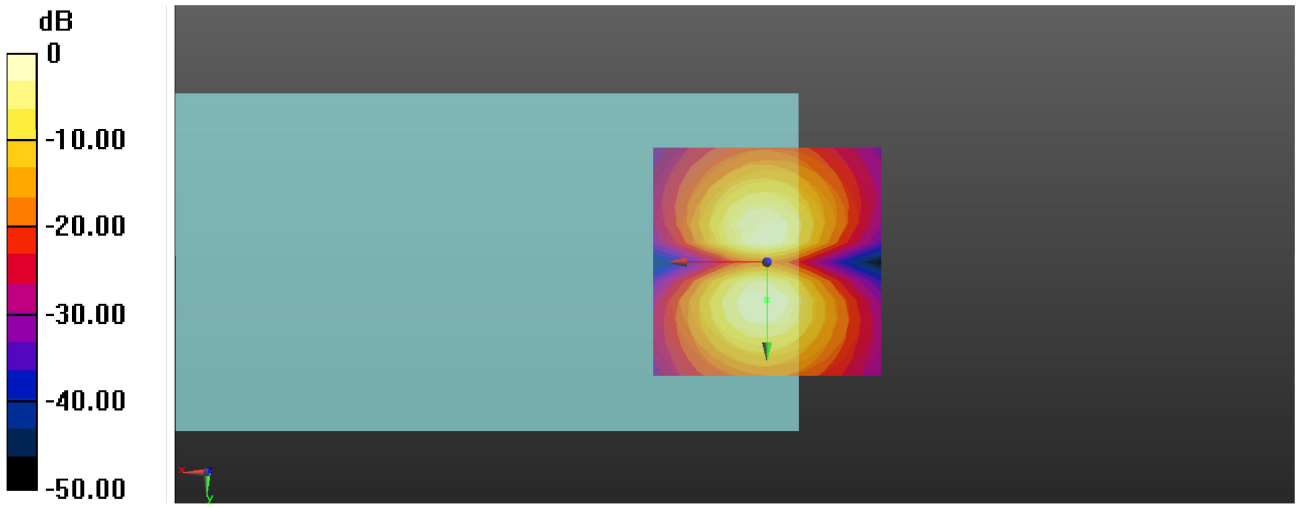
P01 T-Coil_GSM850_Ch189_FR V1_Transversal (Y)

Communication System: GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1):

Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 41.41 dB
ABM1 comp = -10.72 dBA/m
Location: 0, 8.3, 3.7 mm



0 dB = 117.6 = 41.41 dB

Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/14/2022

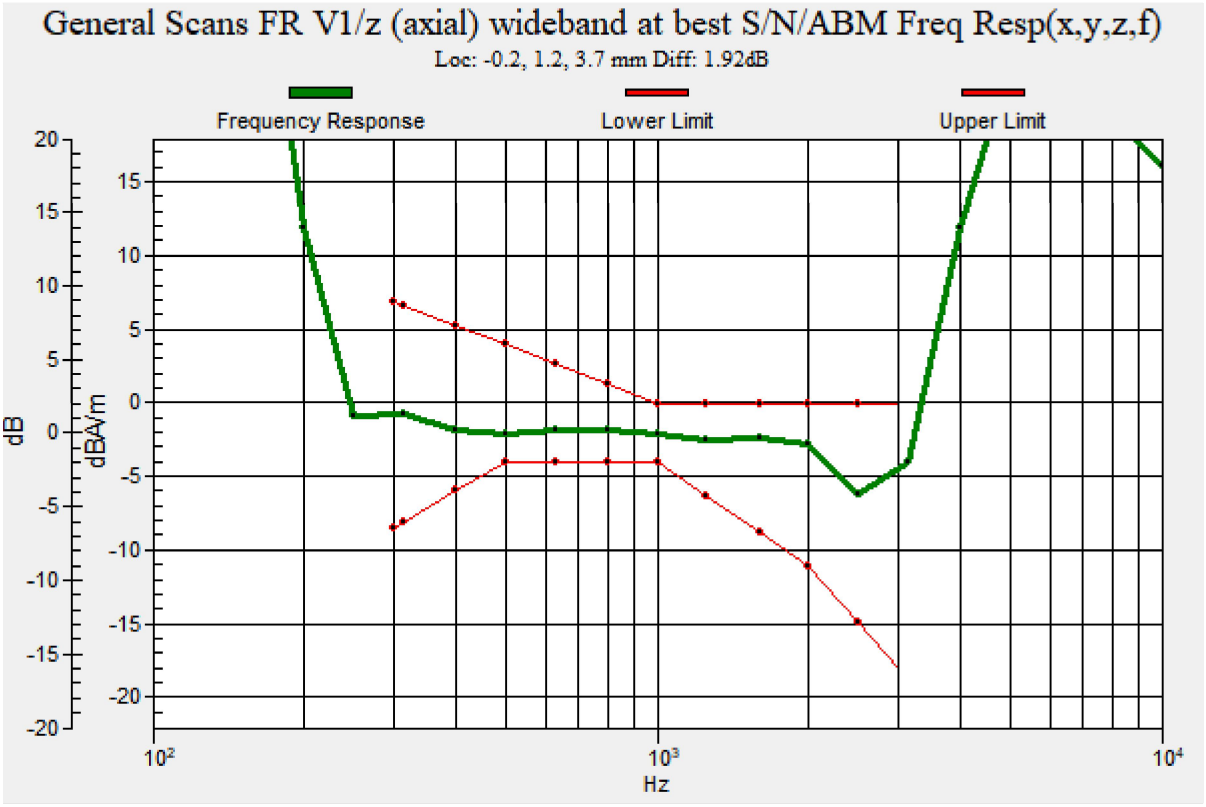
P01 T-Coil_GSM850_Ch189_FR V1_Freq Resp

Communication System: GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

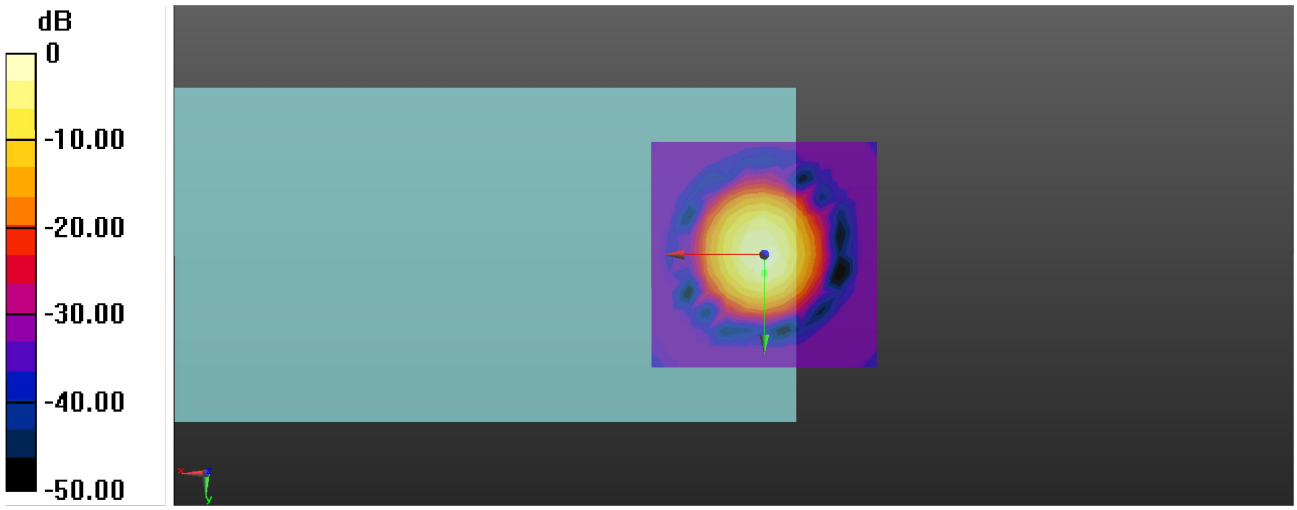


P02 T-Coil_WCDMA B5_Ch4182_AMR 4.75Kbps_Axial (Z)

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 45.04 dB
ABM1 comp = -6.50 dBA/m
Location: 0, 4.2, 3.7 mm



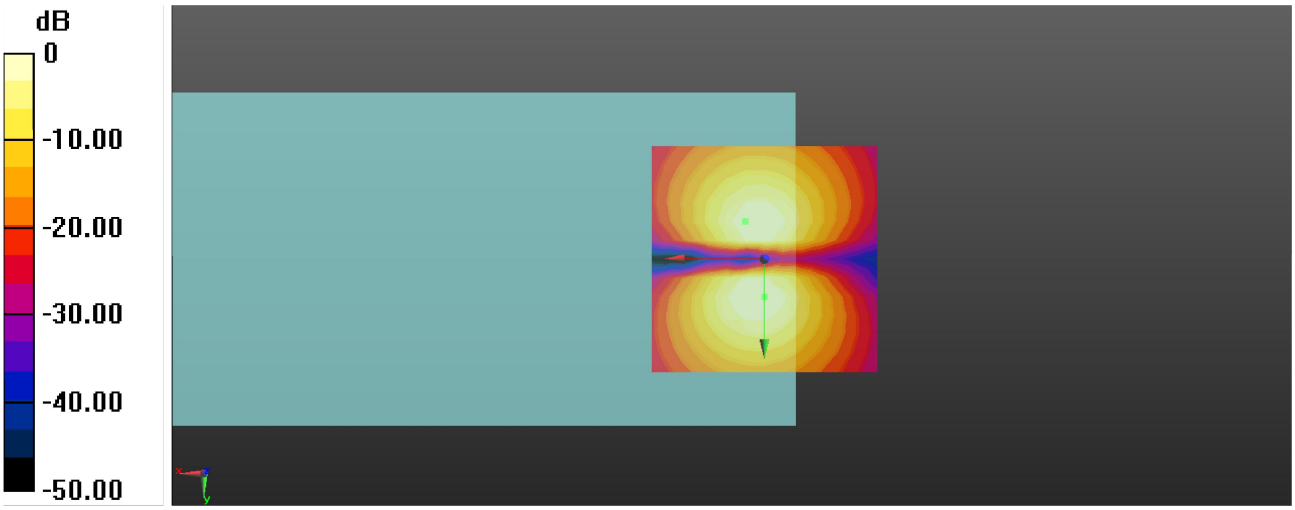
0 dB = 178.6 = 45.04 dB

P02 T-Coil_WCDMA B5_Ch4182_AMR 4.75Kbps_Transversal (Y)

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 40.64 dB
ABM1 comp = -13.11 dBA/m
Location: 4.2, -8.3, 3.7 mm



0 dB = 107.7 = 40.64 dB

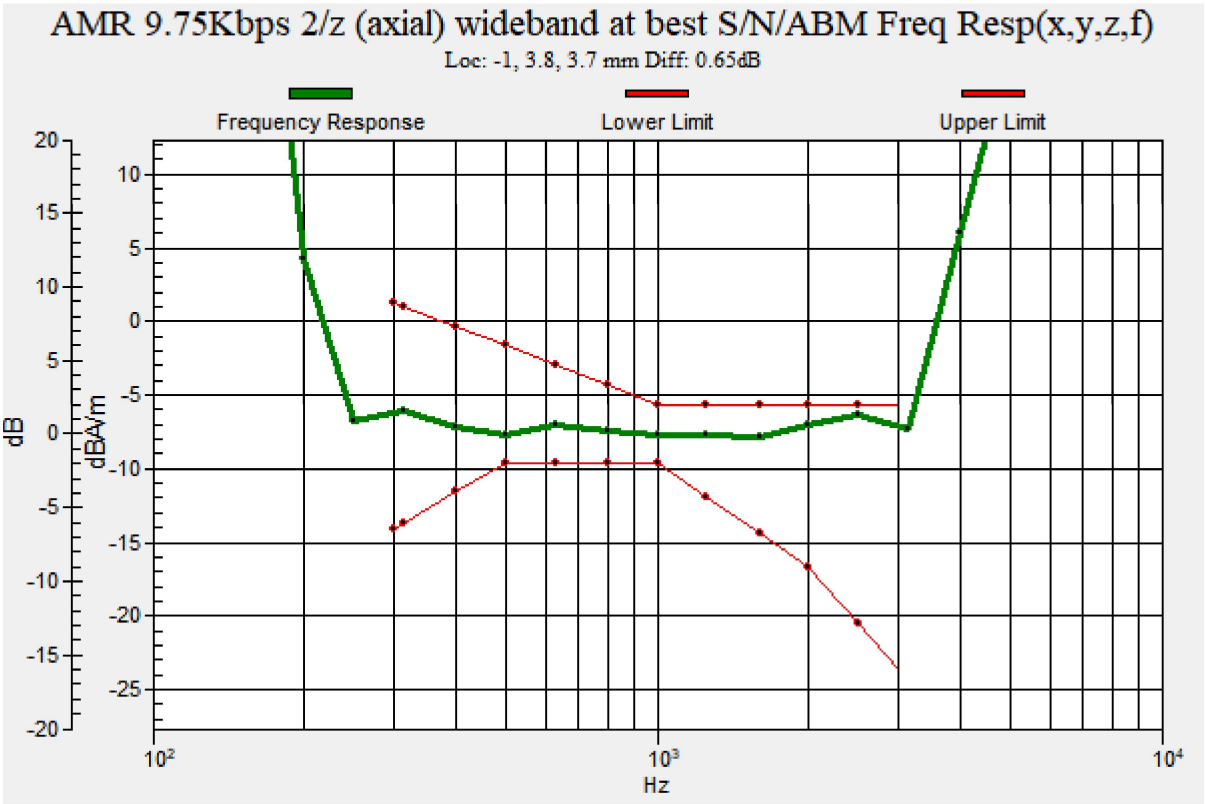
P02 T-Coil_WCDMA B5_Ch4182_AMR 4.75Kbps_Freq Resp

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm



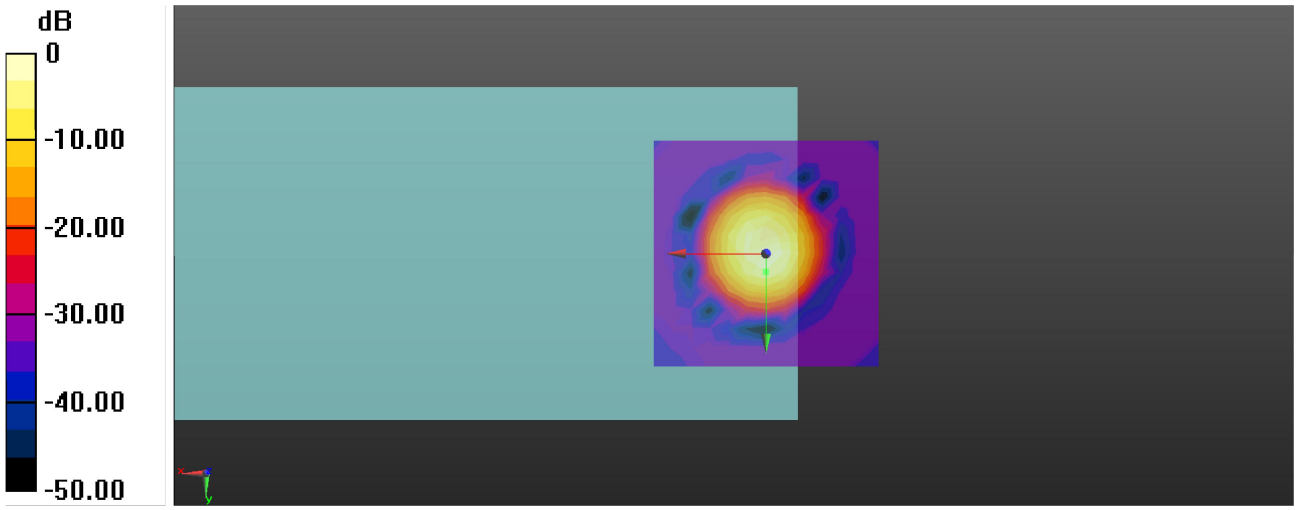
Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/16/2022

P03 T-Coil_10M_LTE B5_QPSK_50RO_OS0_Ch20525_EVS NB 5.9Kbps_Axial (Z)

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 47.40 dB
ABM1 comp = -4.96 dBA/m
Location: 0, 4.2, 3.7 mm



0 dB = 234.4 = 47.40 dB

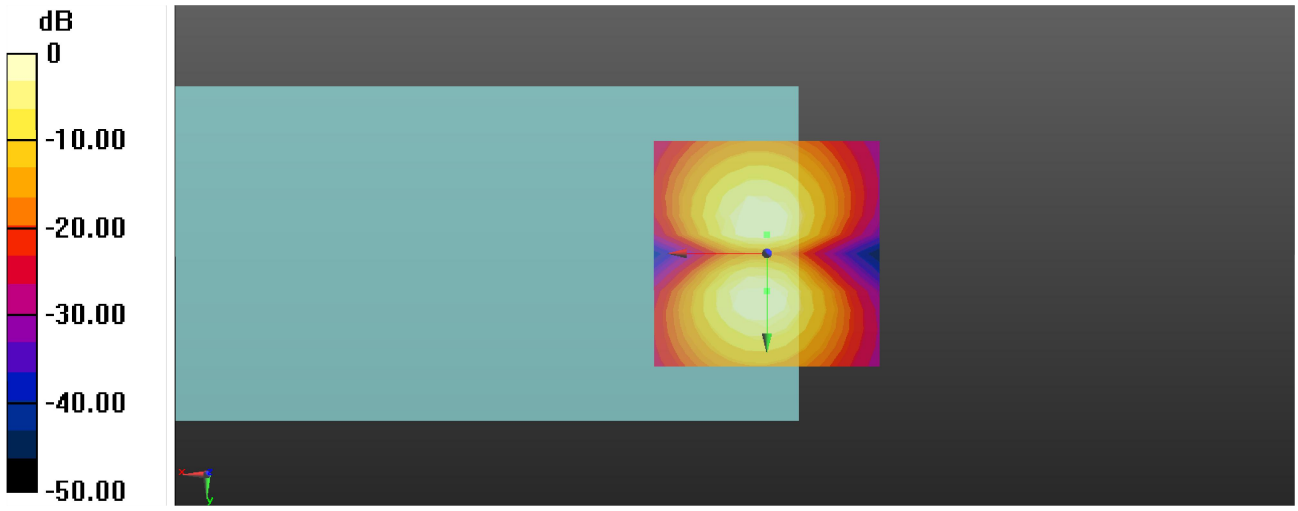
Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/16/2022

P03 T-Coil_10M_LTE B5_QPSK_50RO_OS0_Ch20525_EVS NB 5.9Kbps_Transversal (Y)

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 41.80 dB
ABM1 comp = -12.43 dBA/m
Location: 0, -4.2, 3.7 mm



0 dB = 123.1 = 41.80 dB

Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/16/2022

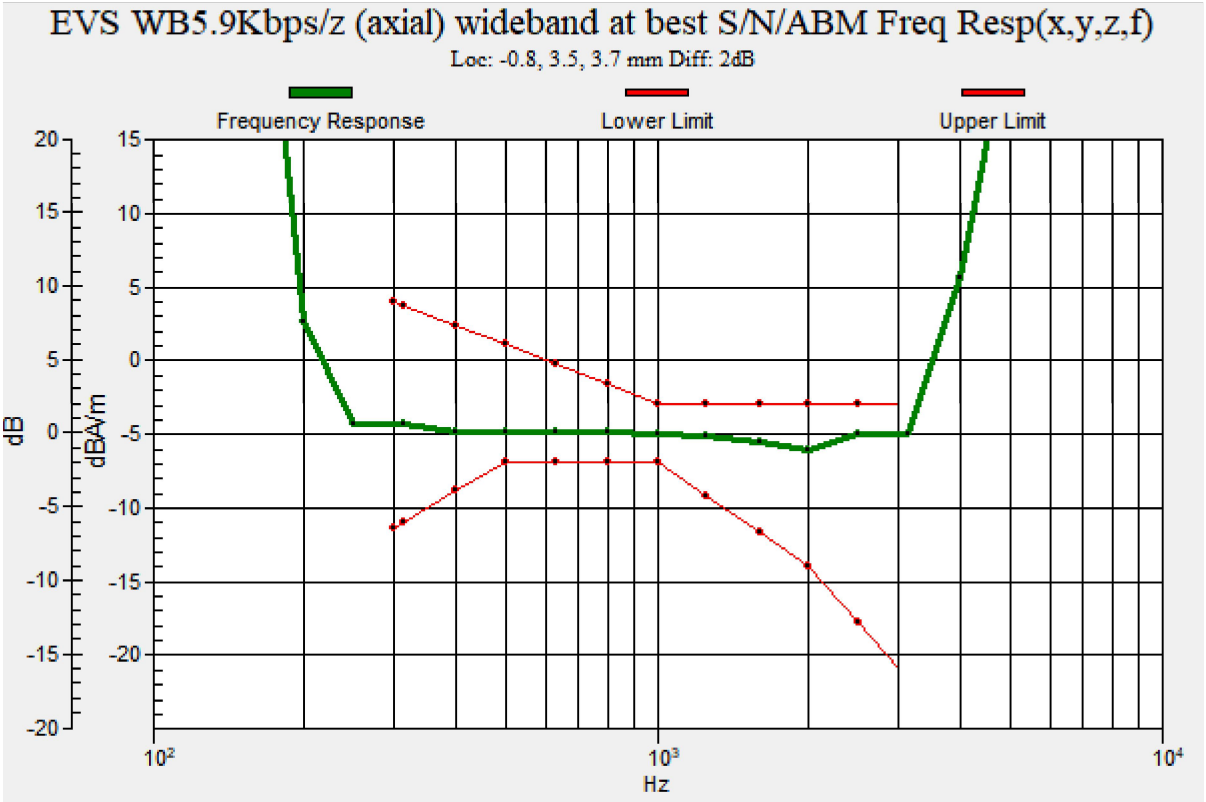
P03 T-Coil_10M_LTE B5_QPSK_50RO_OS0_Ch20525_EVS NB 5.9Kbps_Freq Resp

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm



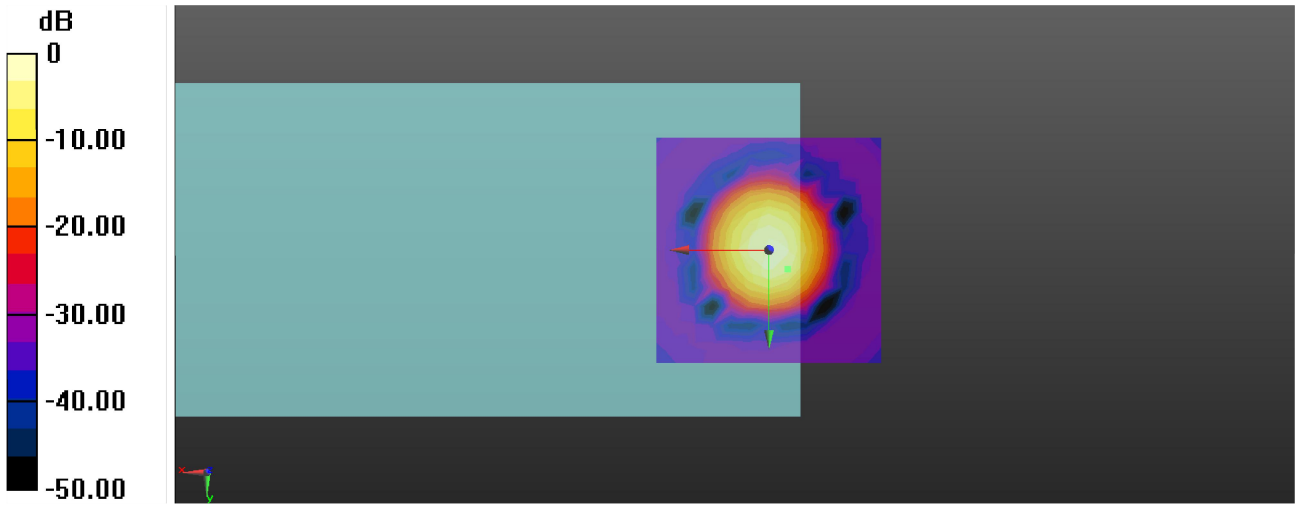
Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/16/2022

P04 T-Coil_20M_LTE B7_QPSK_100RO_OS0_Ch21100_EVS NB 5.9Kbps_Axial (Z)

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 46.76 dB
ABM1 comp = -7.76 dBA/m
Location: -4.2, 4.2, 3.7 mm



0 dB = 217.8 = 46.76 dB

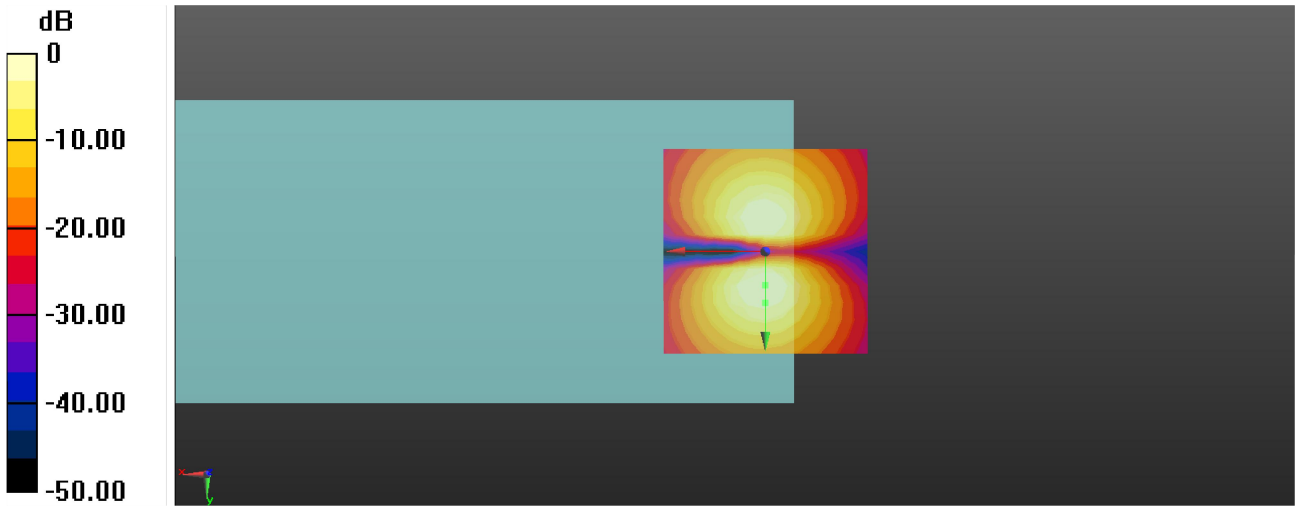
Test Laboratory: ritt 7 Layers SAR/HAC Testing Lab Date: 04/16/2022

P04 T-Coil_20M_LTE B7_QPSK_100RO_OS0_Ch21100_EVS NB 5.9Kbps_Transversal (Y)

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃; Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Signal(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
ABM1/ABM2 = 41.57 dB
ABM1 comp = -13.16 dBA/m
Location: 0, 12.5, 3.7 mm



0 dB = 119.8 = 41.57 dB

P04 T-Coil_20M_LTE B7_QPSK_100RO_OS0_Ch21100_EVS NB 5.9Kbps_Freq Resp

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5℃

DASY5 Configuration:
- Probe: AM1DV3 - 3144; ; Calibrated: 02/23/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm