

Test Plot 1#:FM12.5kHz_462.6375MHz_Face Up**DUT: TWO WAY RADIO; Type: RT40B; Serial: DG1210906-46423E-SA-S1**

Communication System: FM; Frequency: 462.637 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 462.637$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 43.602$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 462.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.68 W/kg

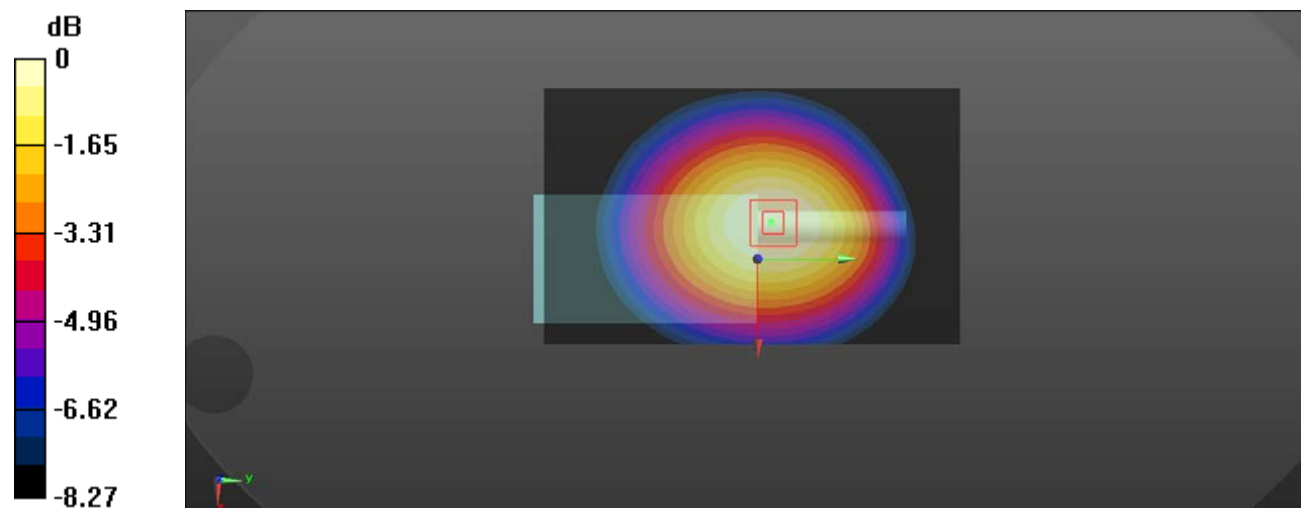
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.40 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.51 W/kg; SAR(10 g) = 1.11 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Plot 2#: FM12.5kHz_467.6375MHz _Face Up**DUT: TWO WAY RADIO; Type: RT40B; Serial: DG1210906-46423E-SA-S1**

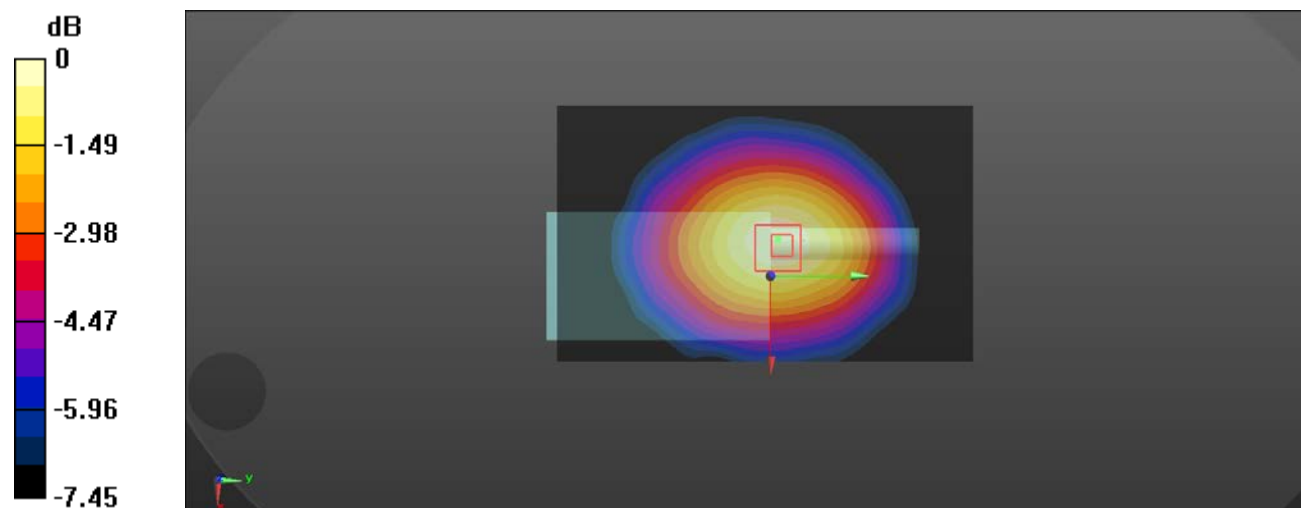
Communication System: FM; Frequency: 467.637 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.637 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 43.169$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.190 W/kg **Zoom Scan (5x5x4)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.84 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 0.238 W/kg **SAR(1 g) = 0.186 W/kg ; SAR(10 g) = 0.141 W/kg** Maximum value of SAR (measured) = 0.195 W/kg  $0 \text{ dB} = 0.195 \text{ W/kg} = -7.10 \text{ dBW/kg}$

Test Plot 3#:FM12.5kHz_462.6375MHz_ Body Back**DUT: TWO WAY RADIO; Type: RT40B; Serial: DG1210906-46423E-SA-S1**

Communication System: FM; Frequency: 462.637 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 462.637$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 43.602$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 462.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.10 W/kg

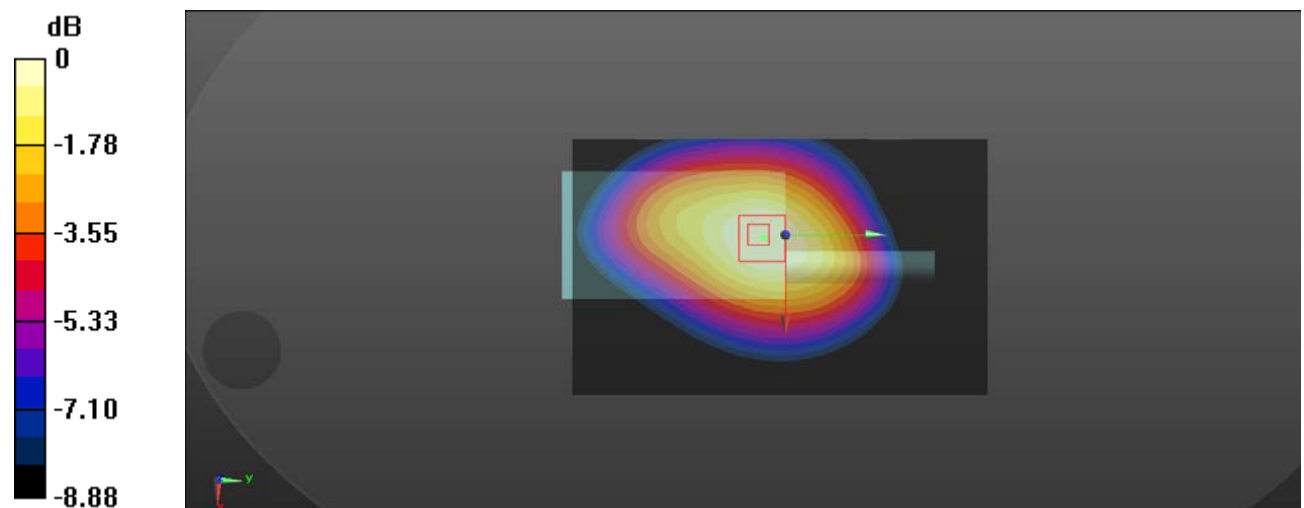
Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 59.52 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.94 W/kg = 4.68 dBW/kg

Test Plot 4#: FM12.5kHz_467.6375MHz _ Body Back**DUT: TWO WAY RADIO; Type: RT40B; Serial: DG1210906-46423E-SA-S1**

Communication System: FM; Frequency: 467.637 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 467.637$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.169$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV2 - SN3019; ConvF(7.02, 7.02, 7.02) @ 467.637 MHz; Calibrated: 2020/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2020/11/23
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2051
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.326 W/kg

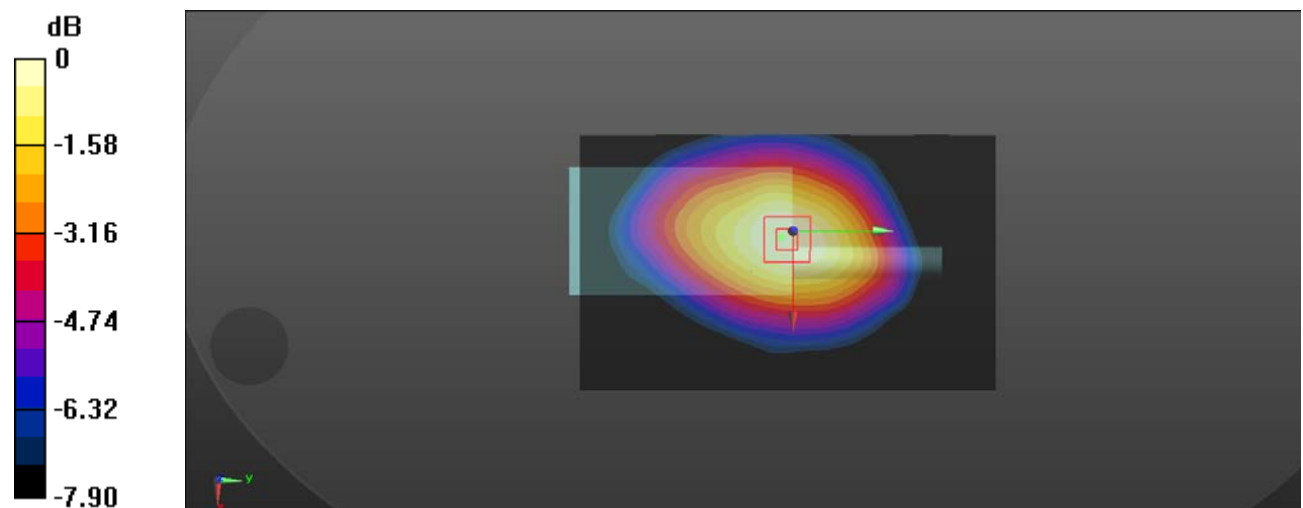
/Zoom Scan (5x5x4)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.33 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg