

**Test Plot 1#:462.6375MHz\_Face Up****DUT: walkie talkie; Type: RD866; Serial: SZ5210908-48992E-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/m<sup>3</sup>

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) = 0.445 W/kg

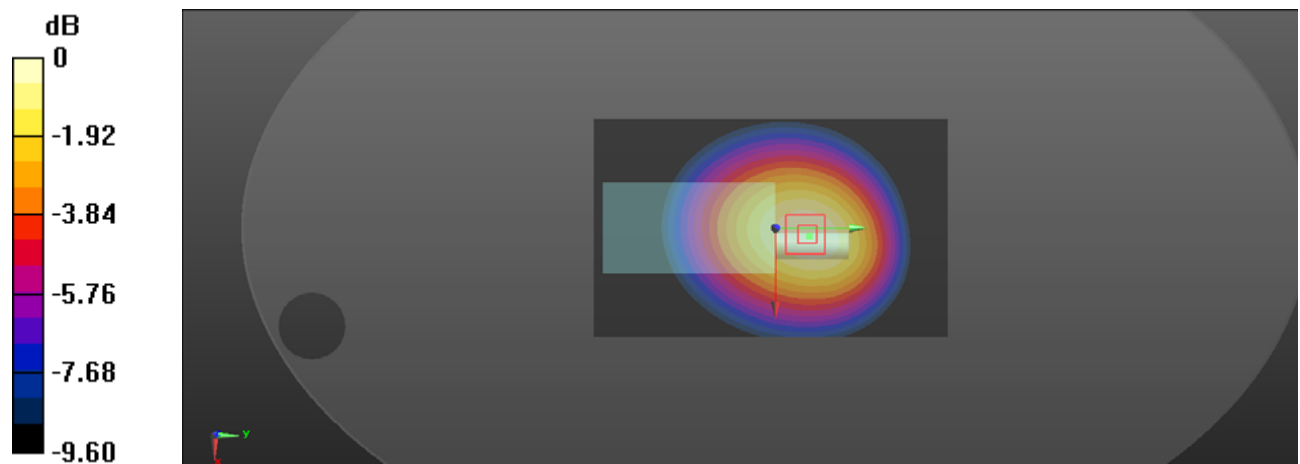
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.585 W/kg

**SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.448 W/kg = -3.49 dBW/kg

**Test Plot 2#:467.6375MHz \_Face Up****DUT: walkie talkie; Type: RD866; Serial: SZ5210908-48992E-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/m<sup>3</sup>

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) = 0.324 W/kg

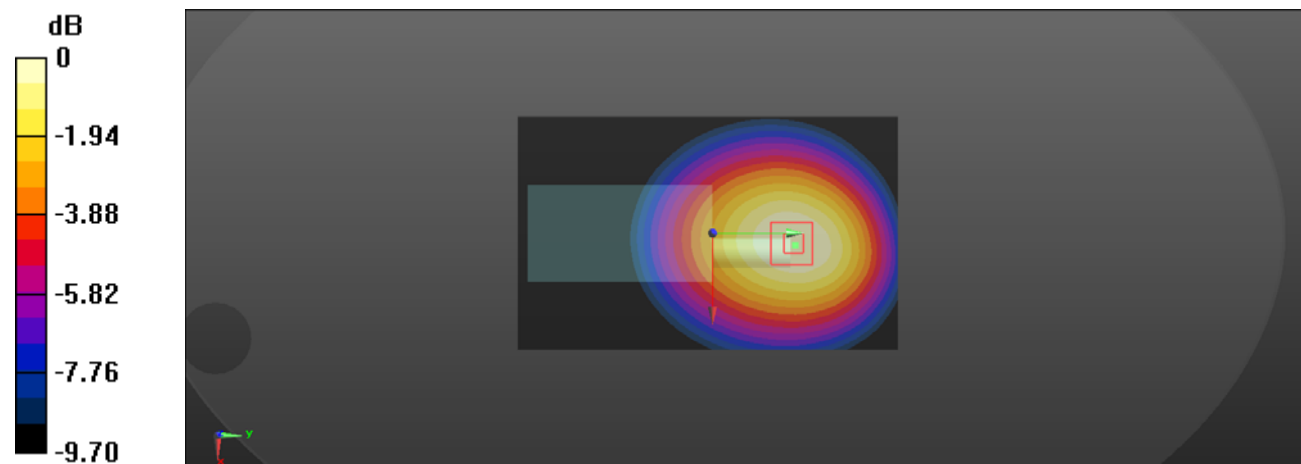
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.30 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.210 W/kg**

Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg = -5.03 dBW/kg

**Test Plot 3#:462.6375MHz\_ Body Back****DUT: walkie talkie; Type: RD866; Serial: SZ5210908-48992E-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/m<sup>3</sup>

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) = 0.562 W/kg

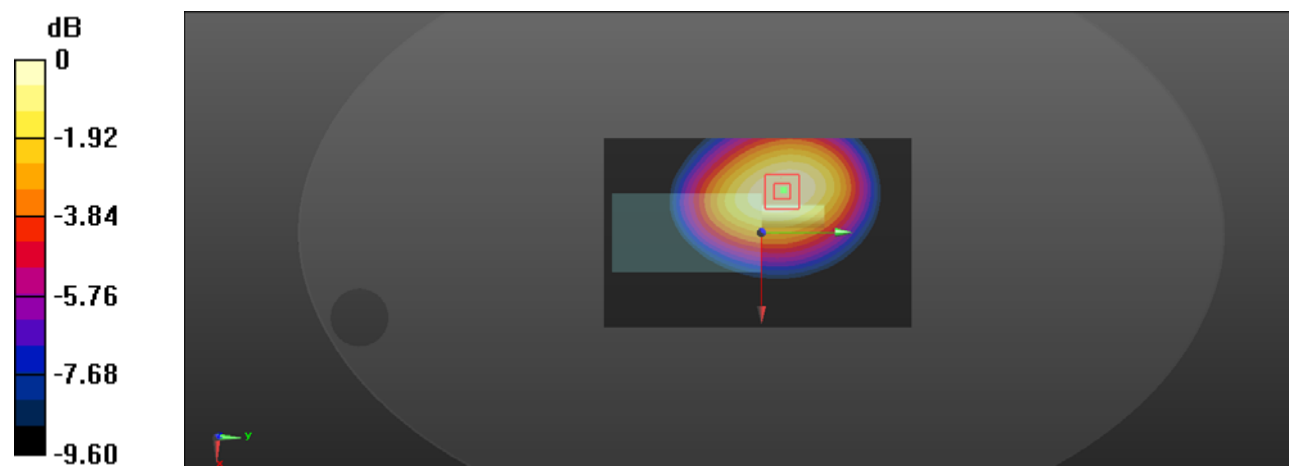
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.73 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.717 W/kg

**SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.365 W/kg**

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

**Test Plot 4#:467.6375MHz \_ Body Back****DUT: walkie talkie; Type: RD866; Serial: SZ5210908-48992E-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/m<sup>3</sup>

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) = 0.341 W/kg

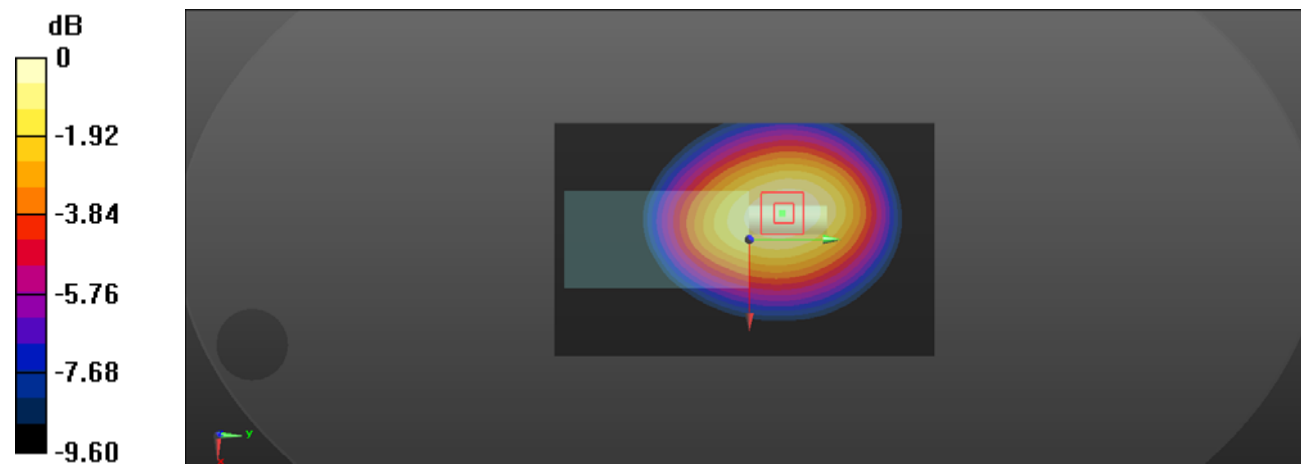
**Zoom Scan (5x5x4)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.37 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg