

01_RFID_FCC Band ASK_Ch 2_Front Side_0mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 43.44$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 915.25 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.77 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.62 V/m; Power Drift = -0.10 dB

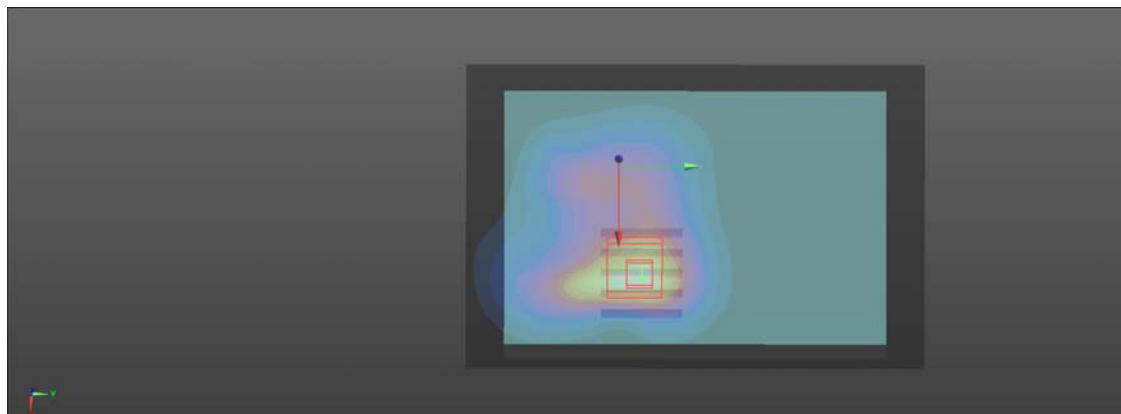
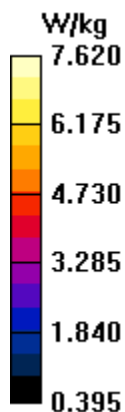
Peak SAR (extrapolated) = 8.60 W/kg

SAR(1 g) = 5.61 W/kg; SAR(10 g) = 3.62 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.1%

Maximum value of SAR (measured) = 7.62 W/kg



01-1_RFID_FCC Band ASK_Ch 1_Front Side_0mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 902.75 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 902.75$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 43.455$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 902.75 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.28 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.17 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 7.27 W/kg

SAR(1 g) = 4.92 W/kg; SAR(10 g) = 3.22 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 69.4%

Maximum value of SAR (measured) = 6.26 W/kg

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.17 V/m; Power Drift = -0.07 dB

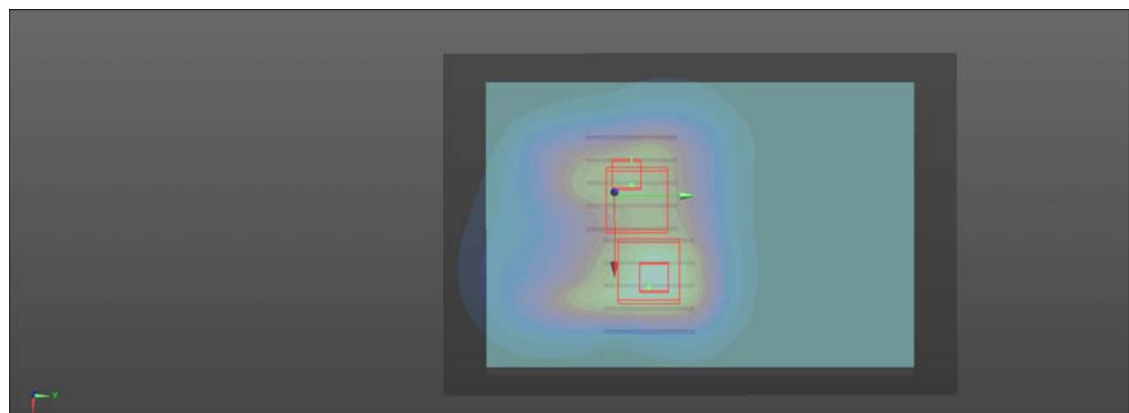
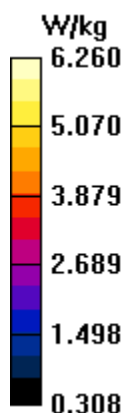
Peak SAR (extrapolated) = 5.43 W/kg

SAR(1 g) = 3.75 W/kg; SAR(10 g) = 2.74 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.3%

Maximum value of SAR (measured) = 4.80 W/kg



01-2_RFID_FCC Band ASK_Ch 3_Front Side_0mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 927.25 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 927.25$ MHz; $\sigma = 0.959$ S/m; $\epsilon_r = 43.372$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 927.25 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch3/Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.32 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.30 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 7.18 W/kg

SAR(1 g) = 4.68 W/kg; SAR(10 g) = 3.06 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 6.32 W/kg

Ch3/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 72.30 V/m; Power Drift = -0.04 dB

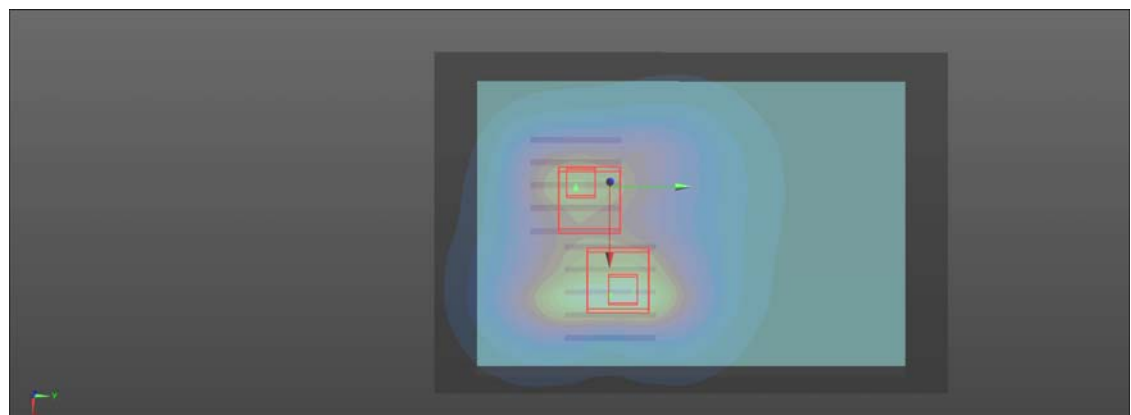
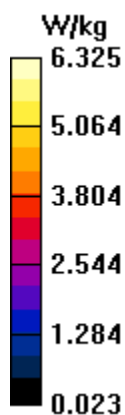
Peak SAR (extrapolated) = 5.04 W/kg

SAR(1 g) = 3.44 W/kg; SAR(10 g) = 2.38 W/kg

Smallest distance from peaks to all points 3 dB below = 17 mm

Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 4.37 W/kg



02_RFID_FCC Band ASK_Ch 2_Front Side_45mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 43.44$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 915.25 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.26 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 37.48 V/m; Power Drift = -0.01 dB

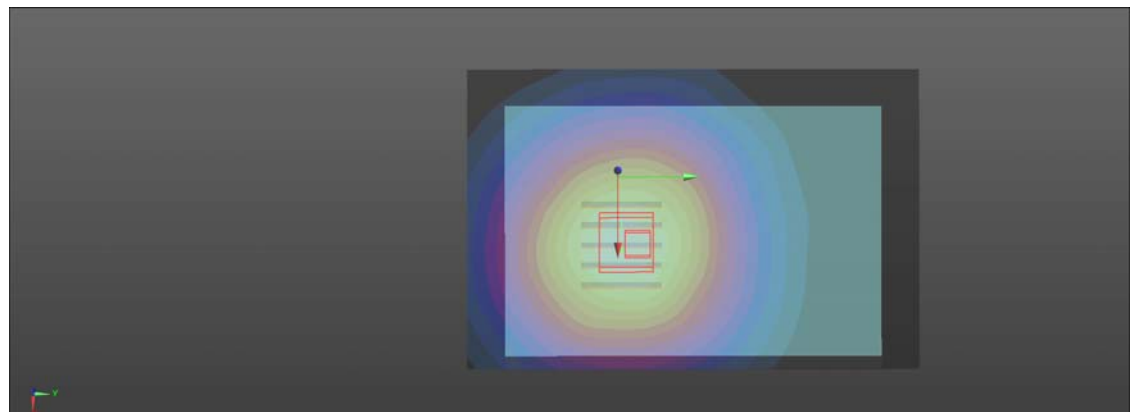
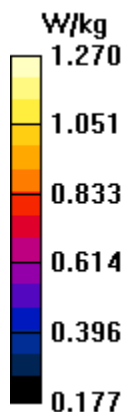
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.755 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71%

Maximum value of SAR (measured) = 1.27 W/kg



03_RFID_FCC Band ASK_Ch 2_Left Side_0mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 43.44$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 915.25 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 2.38 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 50.34 V/m; Power Drift = -0.04 dB

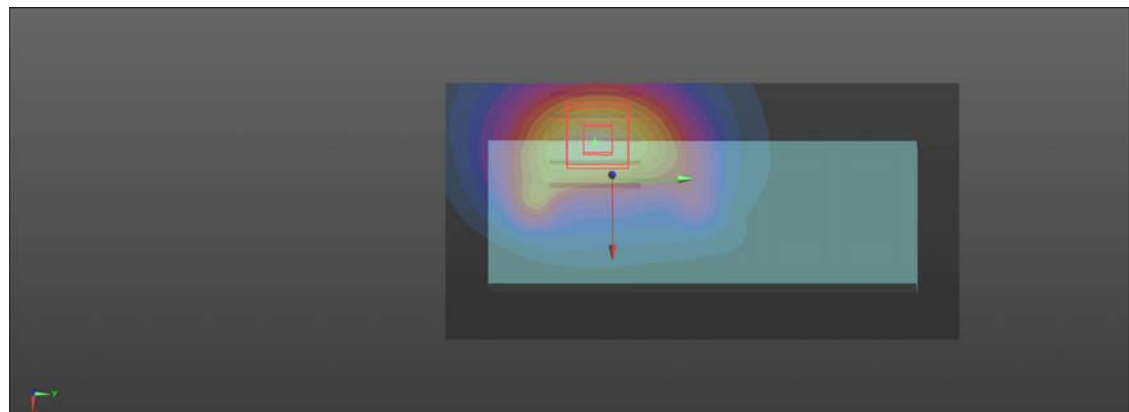
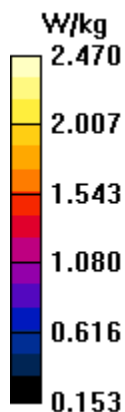
Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.31 W/kg

Smallest distance from peaks to all points 3 dB below = 16.3 mm

Ratio of SAR at M2 to SAR at M1 = 69.4%

Maximum value of SAR (measured) = 2.47 W/kg



04_RFID_FCC Band ASK_Ch 2_Right Side_0mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 43.44$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 915.25 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 4.04 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 53.96 V/m; Power Drift = -0.09 dB

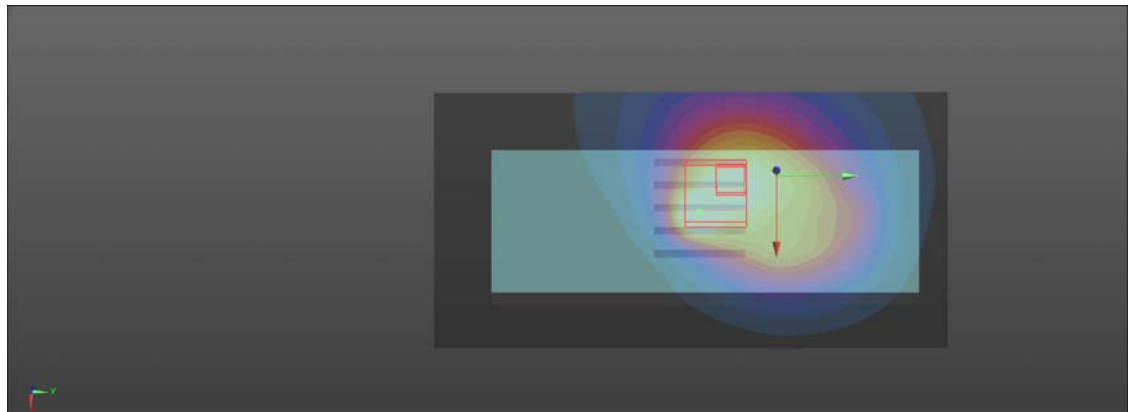
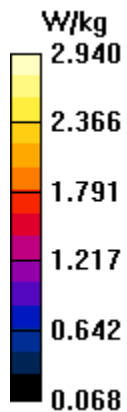
Peak SAR (extrapolated) = 3.30 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.42 W/kg

Smallest distance from peaks to all points 3 dB below = 24 mm

Ratio of SAR at M2 to SAR at M1 = 68.5%

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



05_RFID_FCC Band ASK_Ch 2_Top Side_0mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 43.44$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 915.25 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (81x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.143 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.95 V/m; Power Drift = -0.16 dB

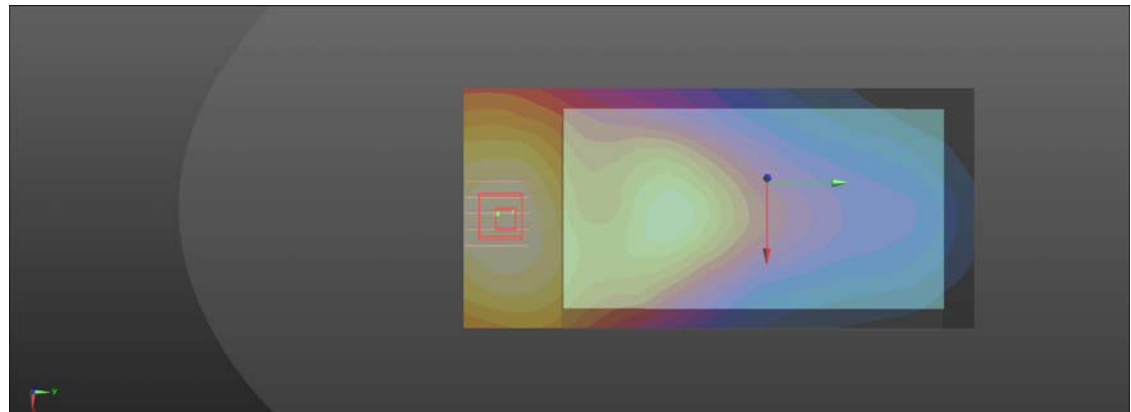
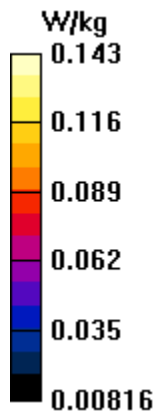
Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.089 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.8%

Maximum value of SAR (measured) = 0.145 W/kg



06_RFID_FCC Band ASK_Ch 2_Bottom Side_0mm

DUT: RG768 Plus

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1:1.06047

Medium: HSL 835 Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 43.44$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Probe: EX3DV4 - SN7520; ConvF(9.59, 9.15, 9.46) @ 915.25 MHz; Calibrated: 12/22/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1561; Calibrated: 12/3/2025
- Phantom: ELI-Righr-ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: 2088
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch2/Area Scan (101x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.29 W/kg

Ch2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 69.98 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.90 W/kg

SAR(1 g) = 2.93 W/kg; SAR(10 g) = 1.92 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 58.5%

Maximum value of SAR (measured) = 4.22 W/kg

