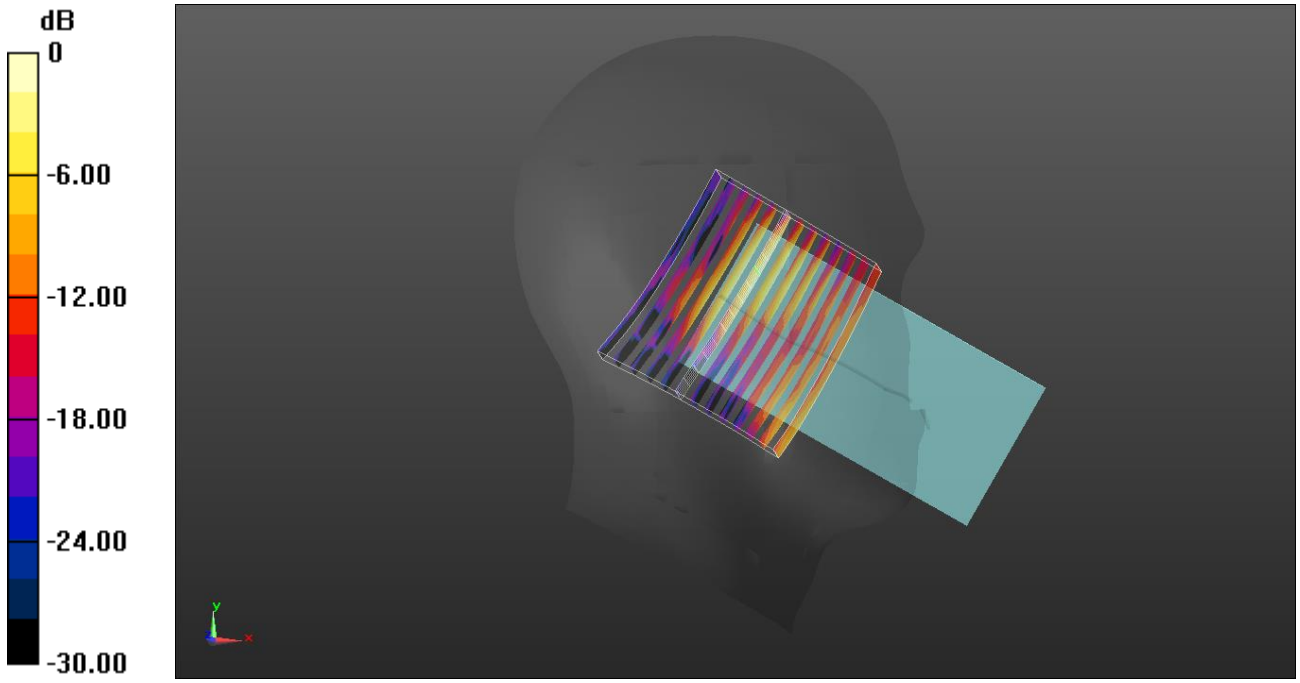
LTE Band25

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1905 MHz; σ = 1.393 S/m; ε_r = 39.777; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1905 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Left Tilt Volume Scan/QPSK RB 1/0 ch.26590/Volume Scan (14x13x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.963 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.0470 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0356 W/kg

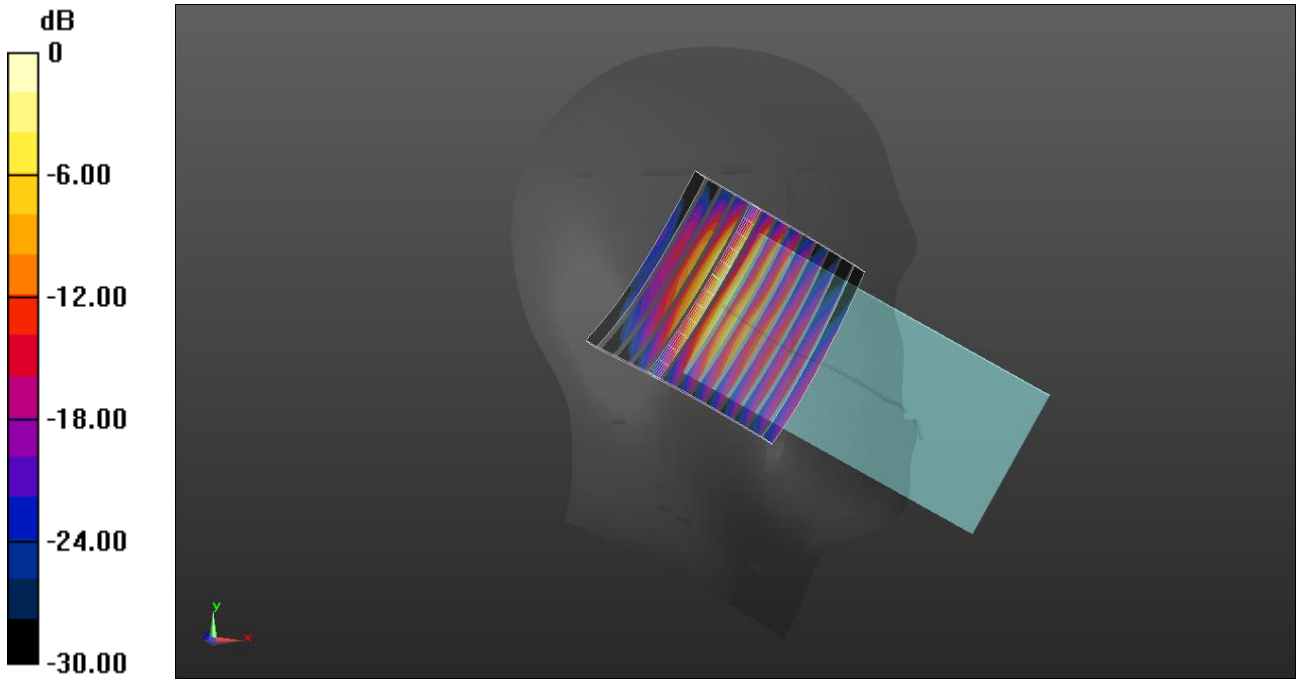


0 dB = 0.0356 W/kg = −14.49 dBW/kg

NR Band n66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1770 MHz; σ = 1.365 S/m; ε_r = 40.303; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Left Tilt Volume Scan/QPSK RB 50/25 ch.354000/Volume Scan (13x13x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.07 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.446 W/kg
Maximum value of SAR (measured) = 1.63 W/kg



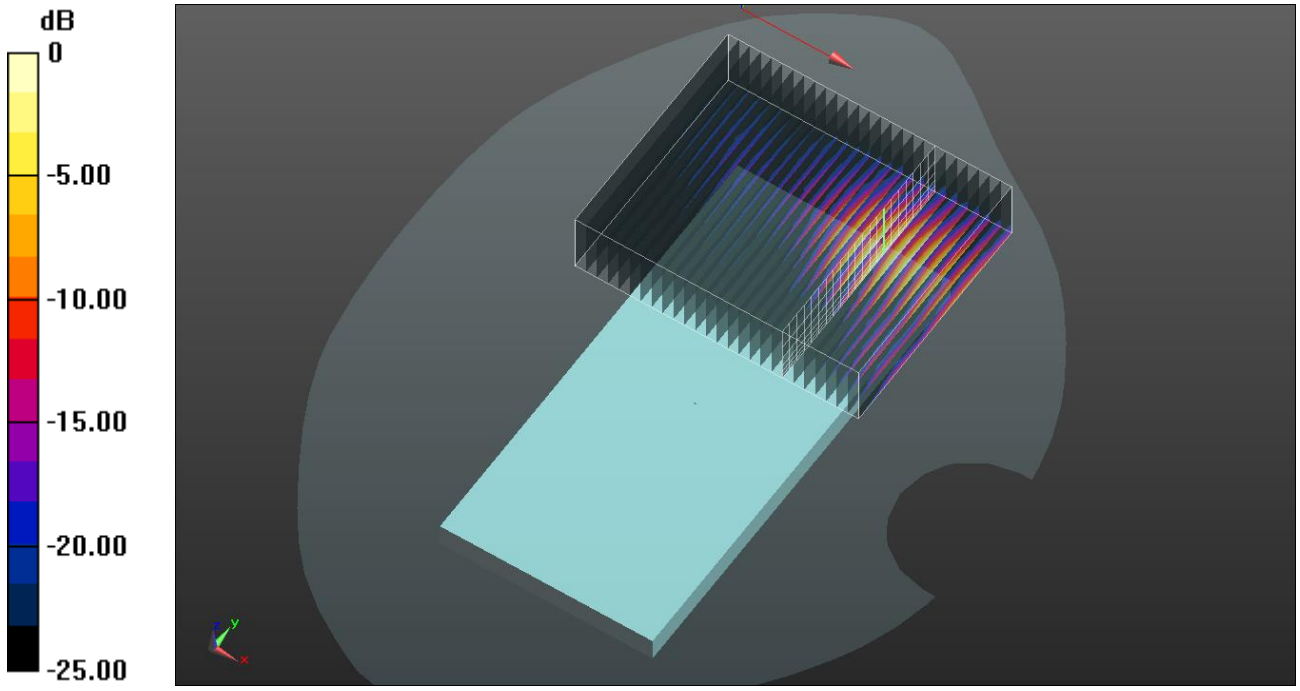
0 dB = 1.63 W/kg = 2.12 dBW/kg

UNII MIMO

Frequency: 5885 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/802.11a mode ch.177 MIMO/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.724 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 1.67 W/kg



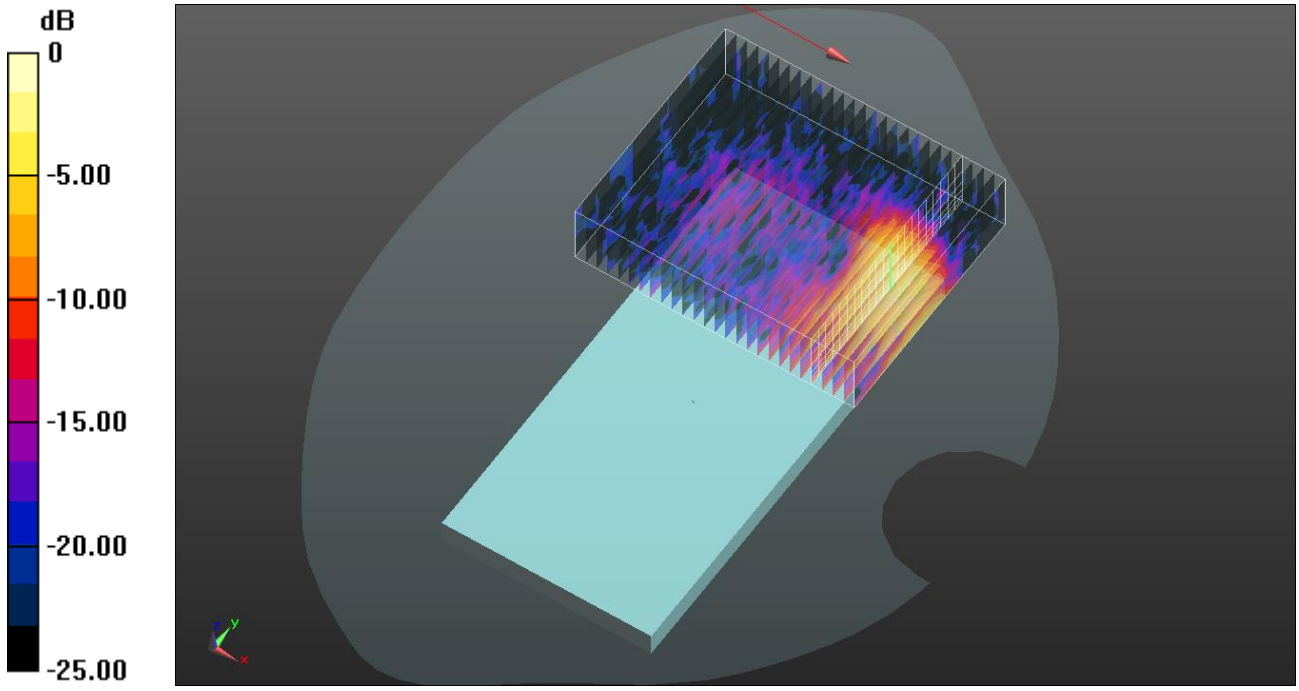
0 dB = 1.67 W/kg = 2.23 dBW/kg

Bluetooth Ant1

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.858 S/m; ε_r = 38.604; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.758 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.0690 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0474 W/kg



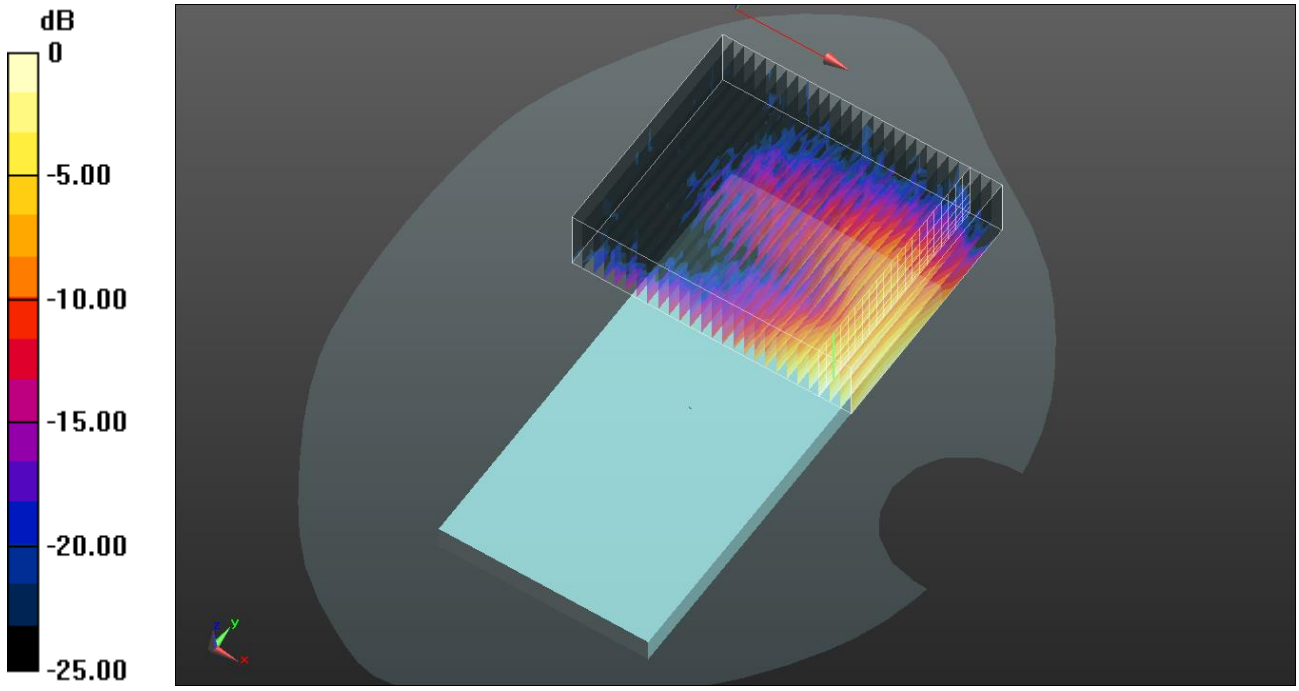
0 dB = 0.0474 W/kg = −13.24 dBW/kg

Bluetooth Ant 2

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.797 S/m; ε_r = 38.071; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.558 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.100 W/kg



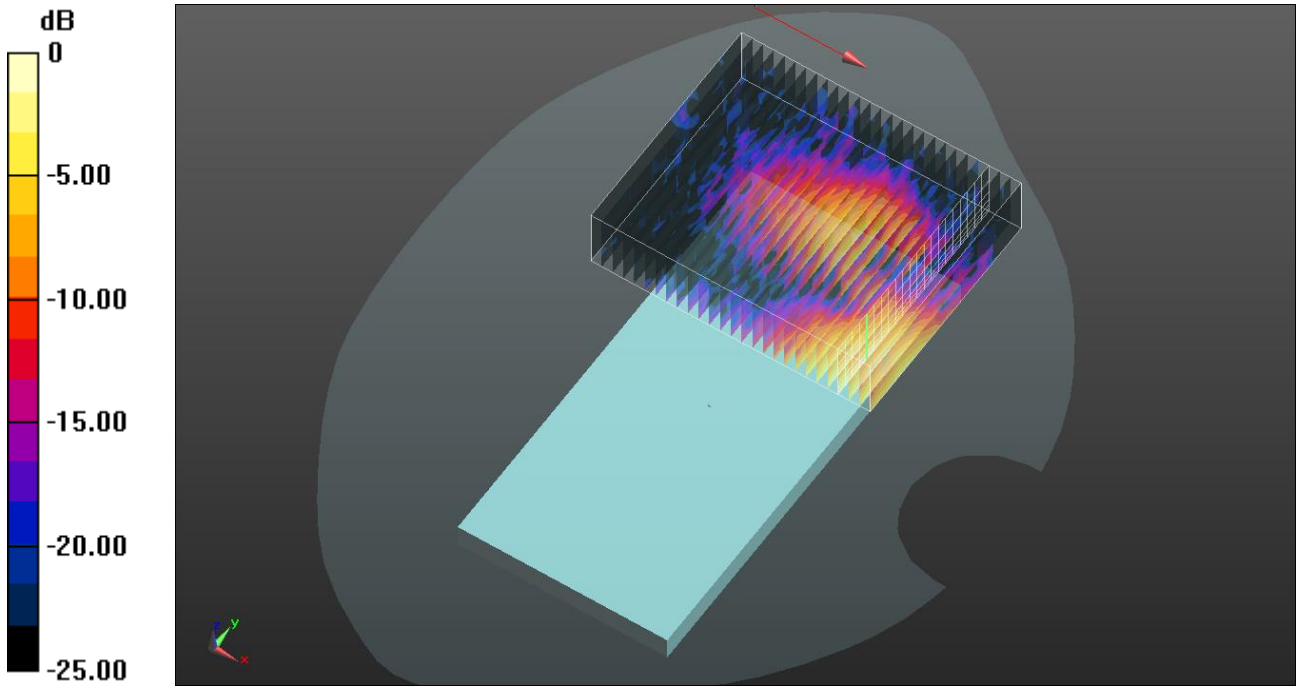
0 dB = 0.100 W/kg = −10.00 dBW/kg

Bluetooth MIMO

Frequency: 2480 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 2480 MHz; σ = 1.823 S/m; ε_r = 38.014; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2480 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/Bluetooth GFSK ch.78 MIMO/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.706 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg
Maximum value of SAR (measured) = 0.0489 W/kg

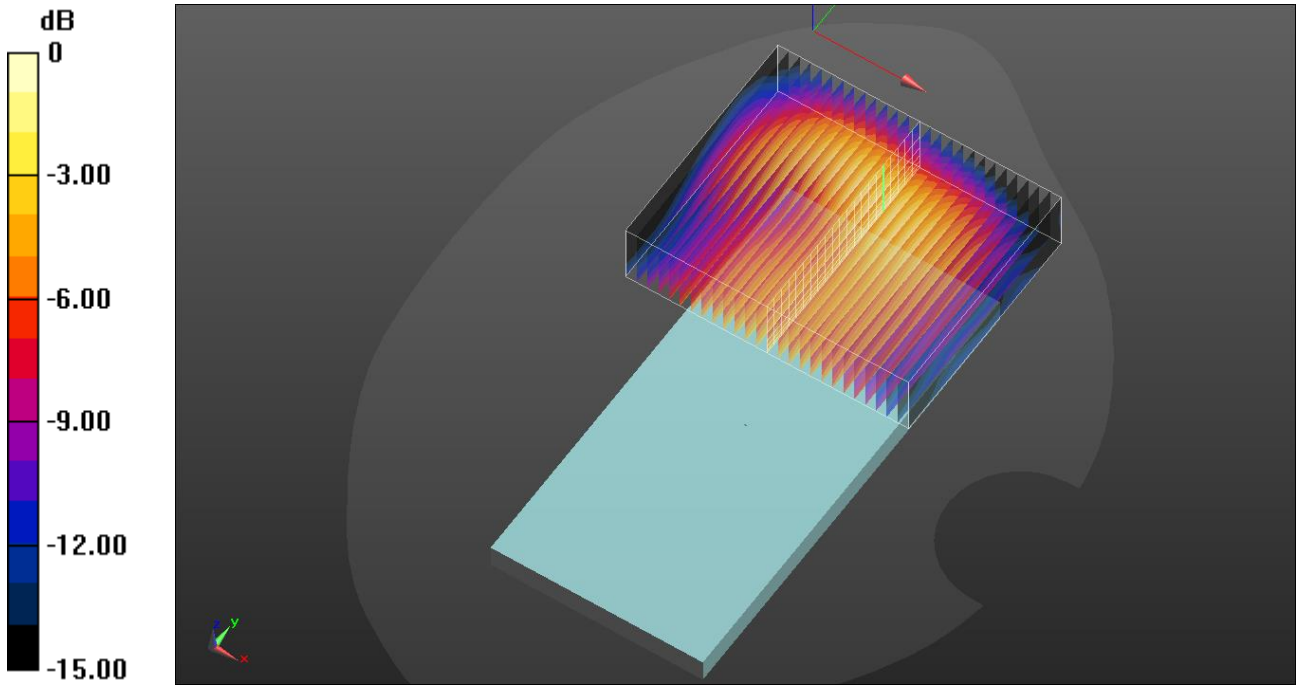


0 dB = 0.0489 W/kg = −13.11 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.354 S/m; ε_r = 40.363; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume/QPSK RB 1/99 ch.20175/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.62 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.325 W/kg

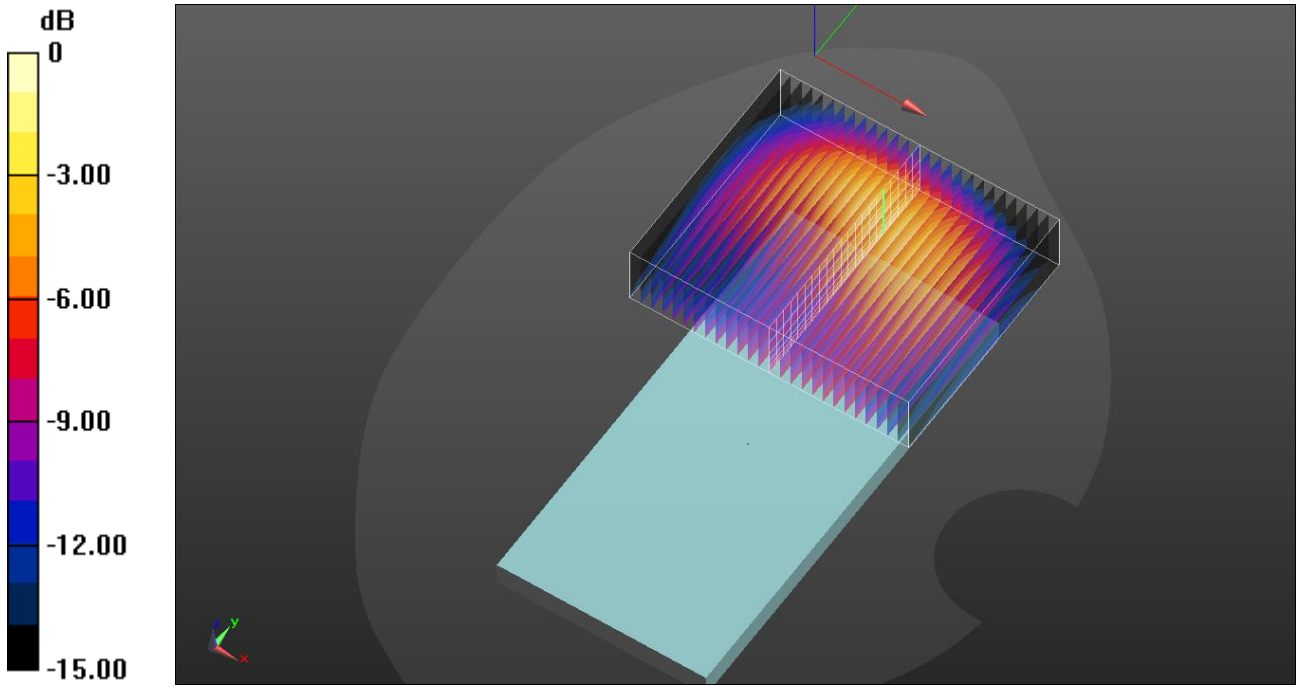


0 dB = 0.325 W/kg = -4.88 dBW/kg

LTE Band 2

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1880 MHz; σ = 1.419 S/m; ε_r = 40.004; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1880 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume/QPSK RB 1/99 ch.18900/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.80 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.305 W/kg

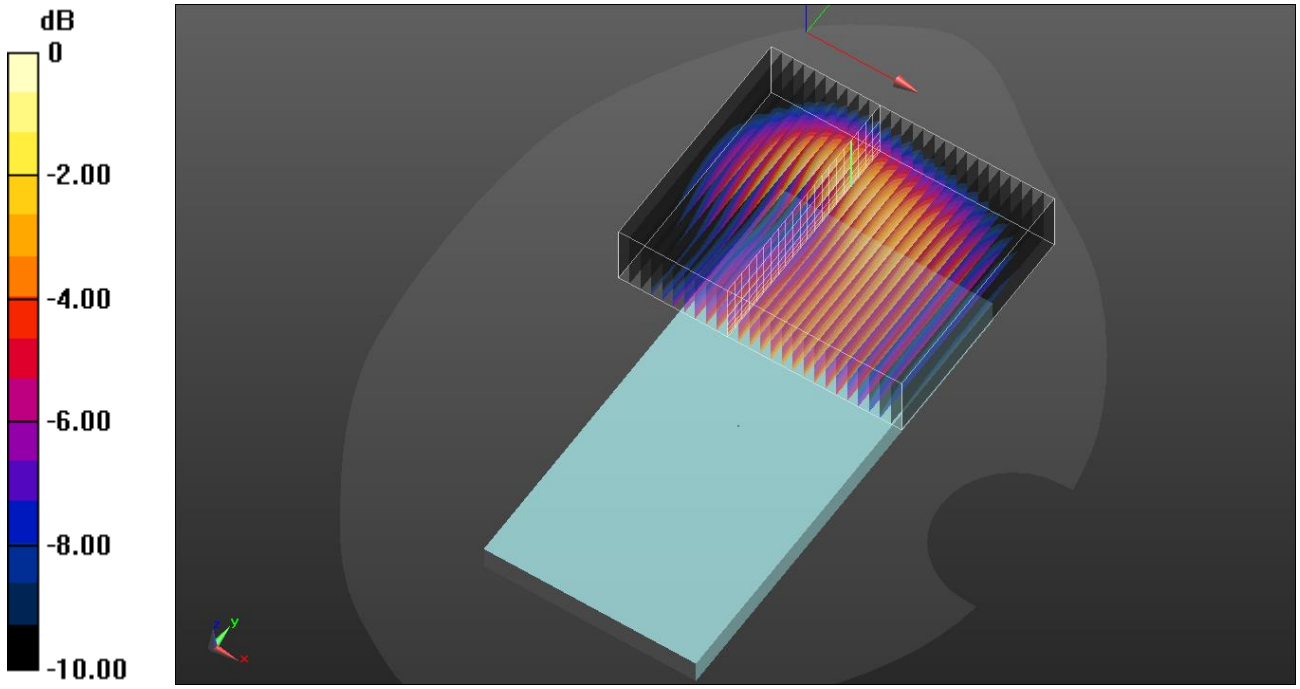


0 dB = 0.305 W/kg = -5.16 dBW/kg

NR Band n66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume/QPSK RB 50/25 ch.354000/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.84 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.296 W/kg

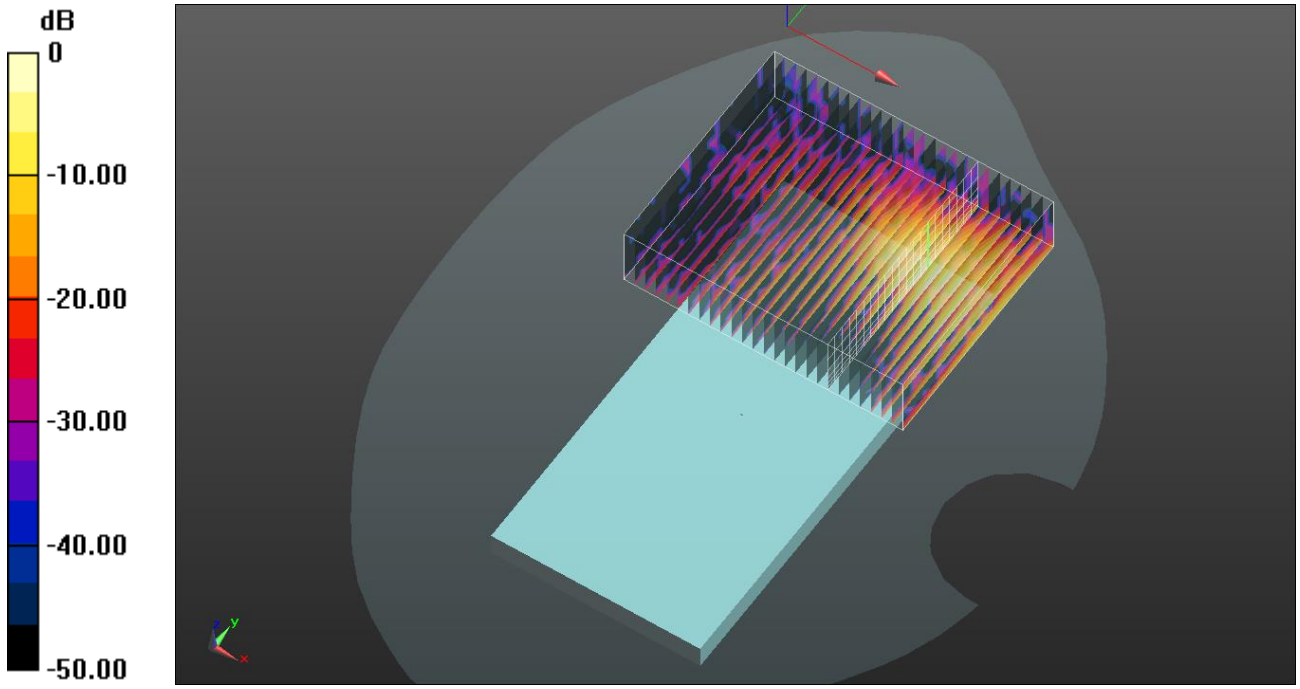


0 dB = 0.296 W/kg = -5.29 dBW/kg

UNII MIMO

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/802.11 a mode ch.149 MIMO/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.91 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 4.52 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 1.78 W/kg



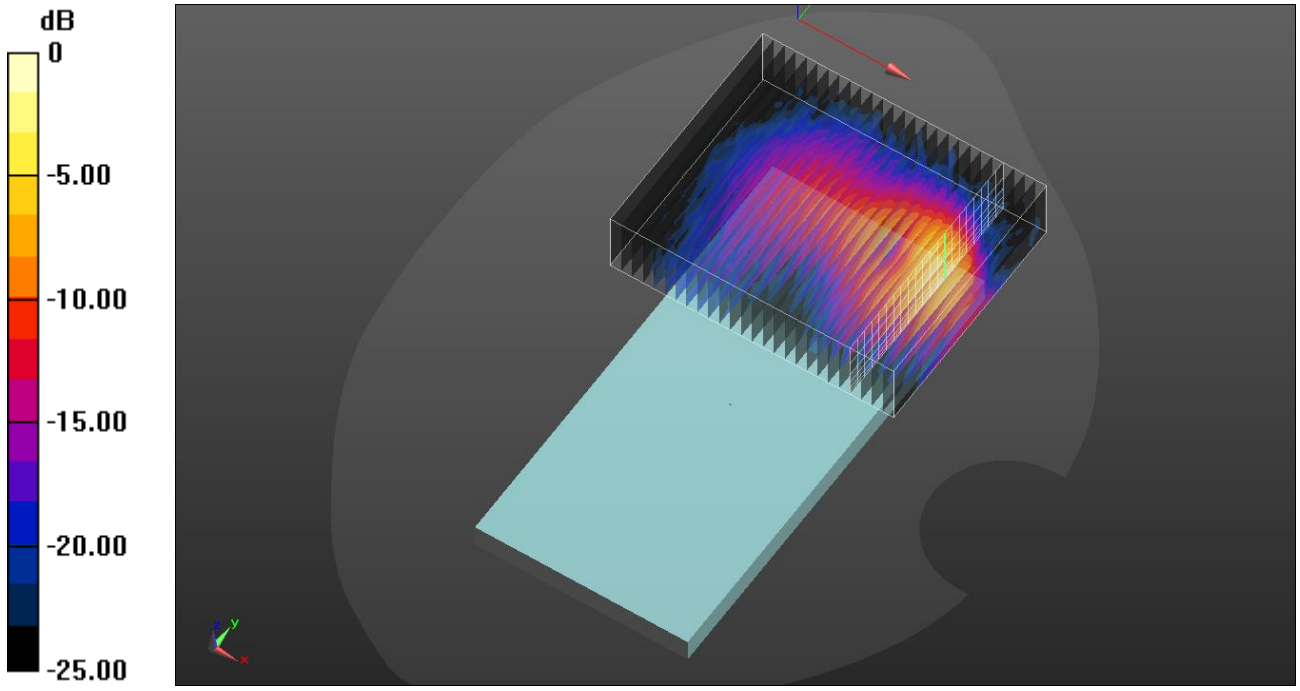
0 dB = 1.78 W/kg = 2.50 dBW/kg

Bluetooth Ant1

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.533 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.141 W/kg



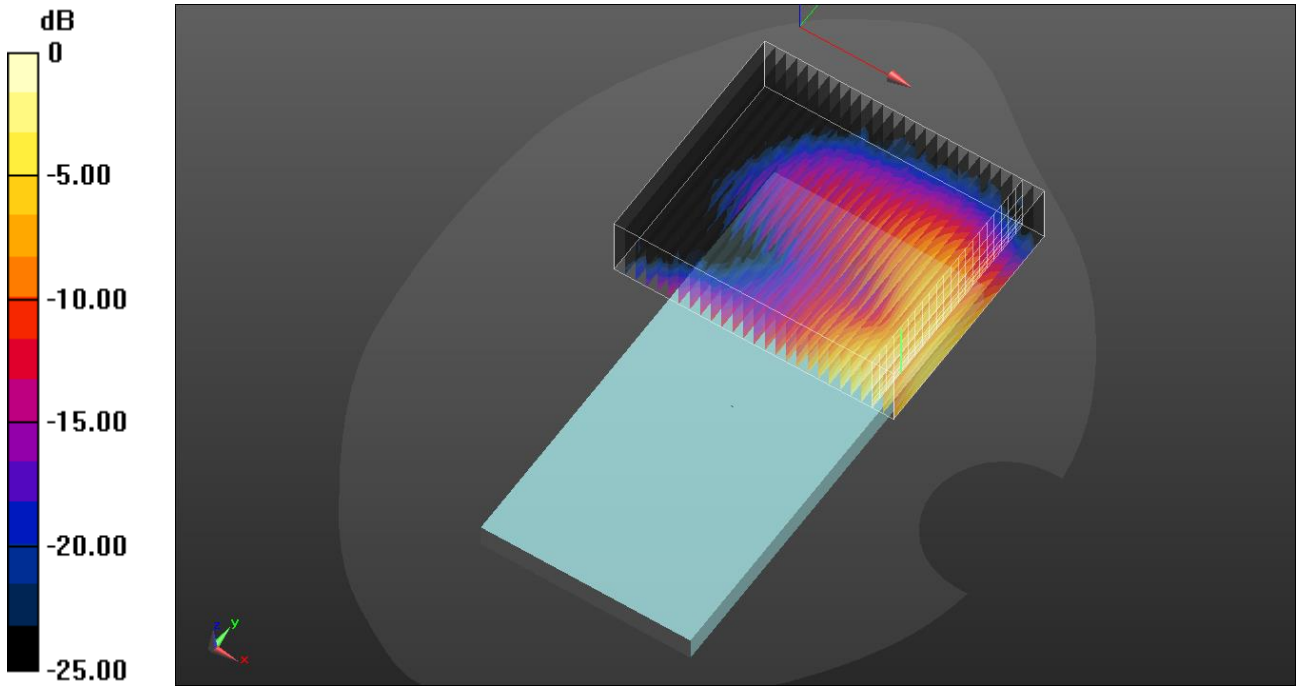
0 dB = 0.141 W/kg = −8.51 dBW/kg

Bluetooth Ant 2

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.027 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.200 W/kg



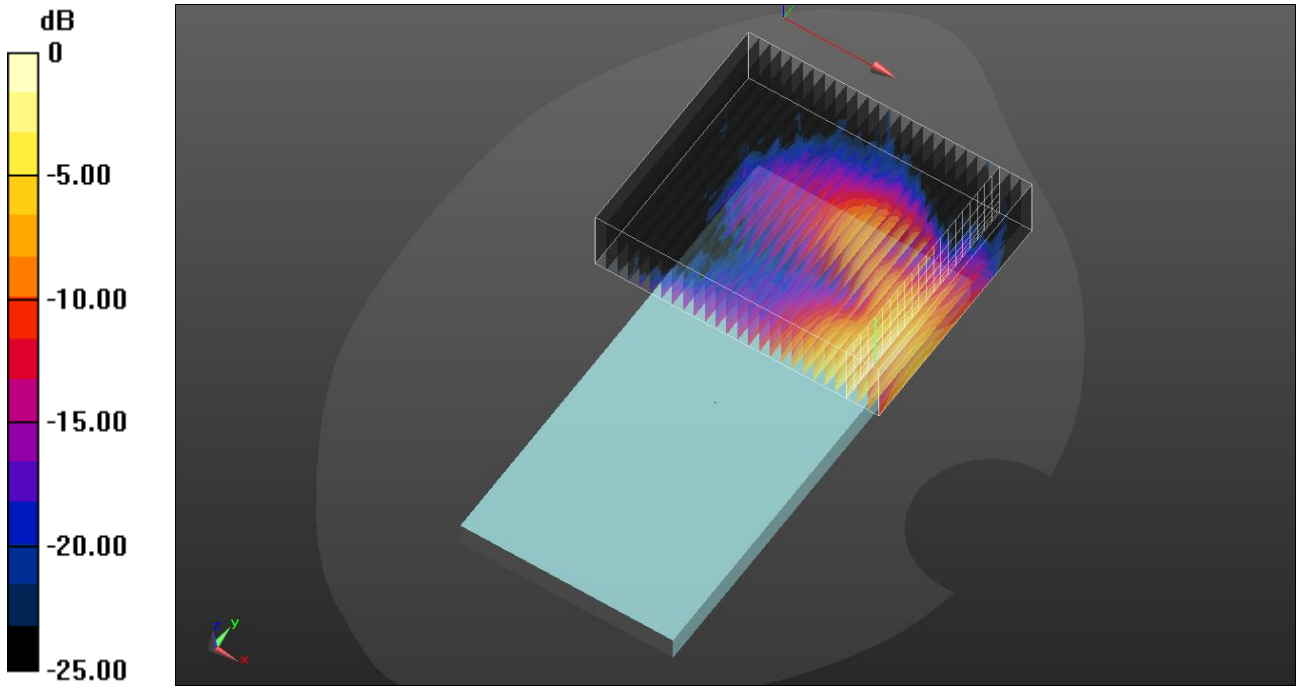
0 dB = 0.200 W/kg = −6.99 dBW/kg

Bluetooth MIMO

Frequency: 2480 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 2480 MHz; σ = 1.772 S/m; ε_r = 38.339; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2480 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/ Bluetooth GFSK ch.78 MIMO/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.731 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.118 W/kg



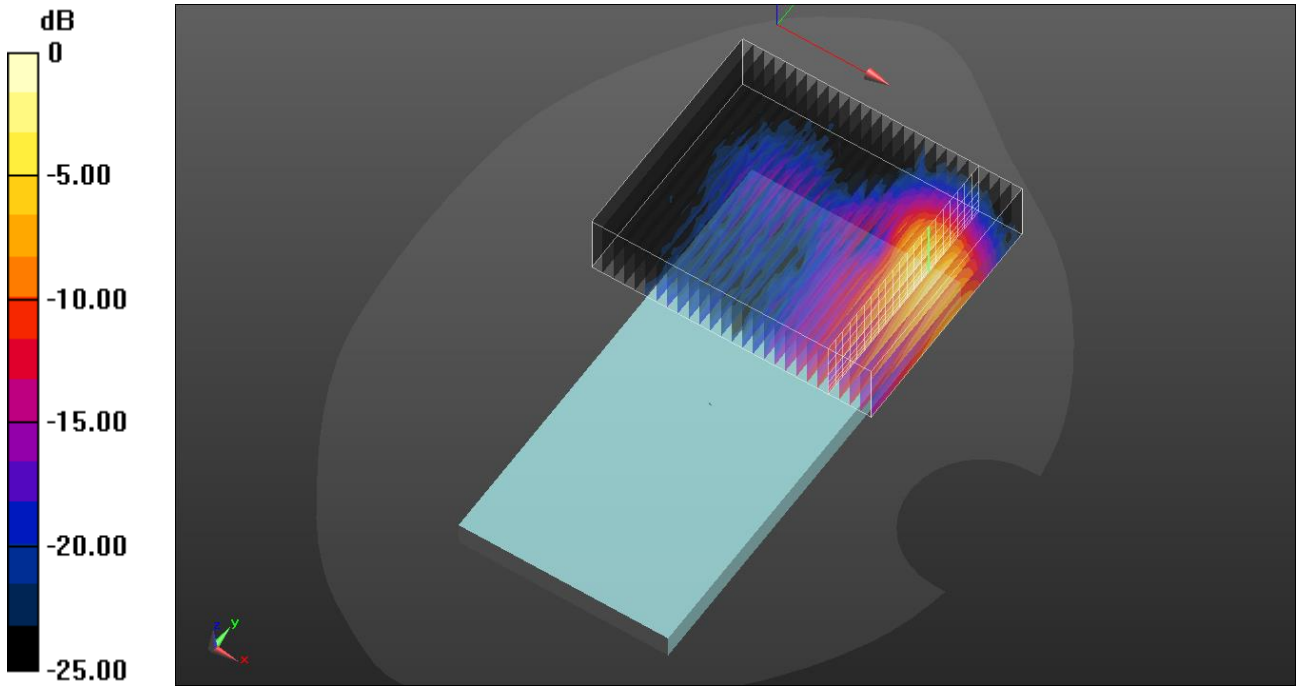
0 dB = 0.118 W/kg = −9.28 dBW/kg

DTS Ant1

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/802.11 b mode ch.6 SISO Ant 1/Volume Scan (27x22x7): Measurement grid:

dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.650 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.246 W/kg



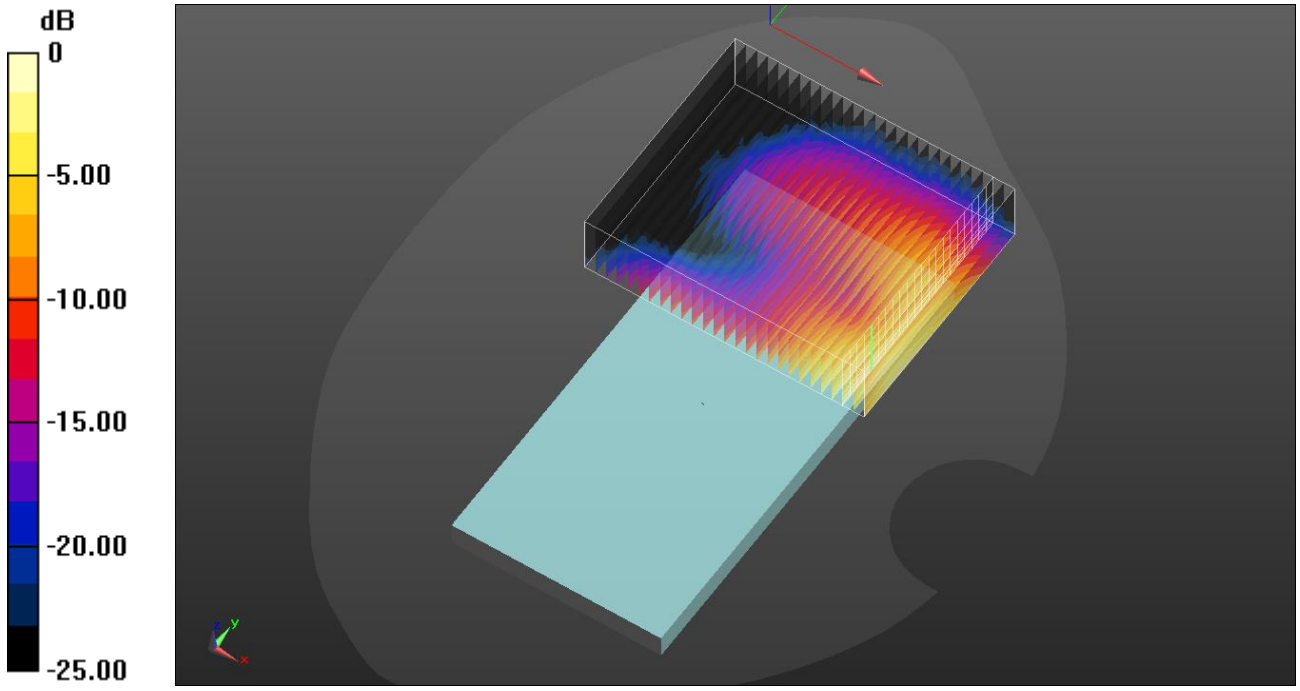
0 dB = 0.246 W/kg = −6.09 dBW/kg

DTS Ant 2

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/802.11 b mode ch.6 SISO Ant 2/Volume Scan (27x22x7): Measurement grid:

dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.82 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.349 W/kg



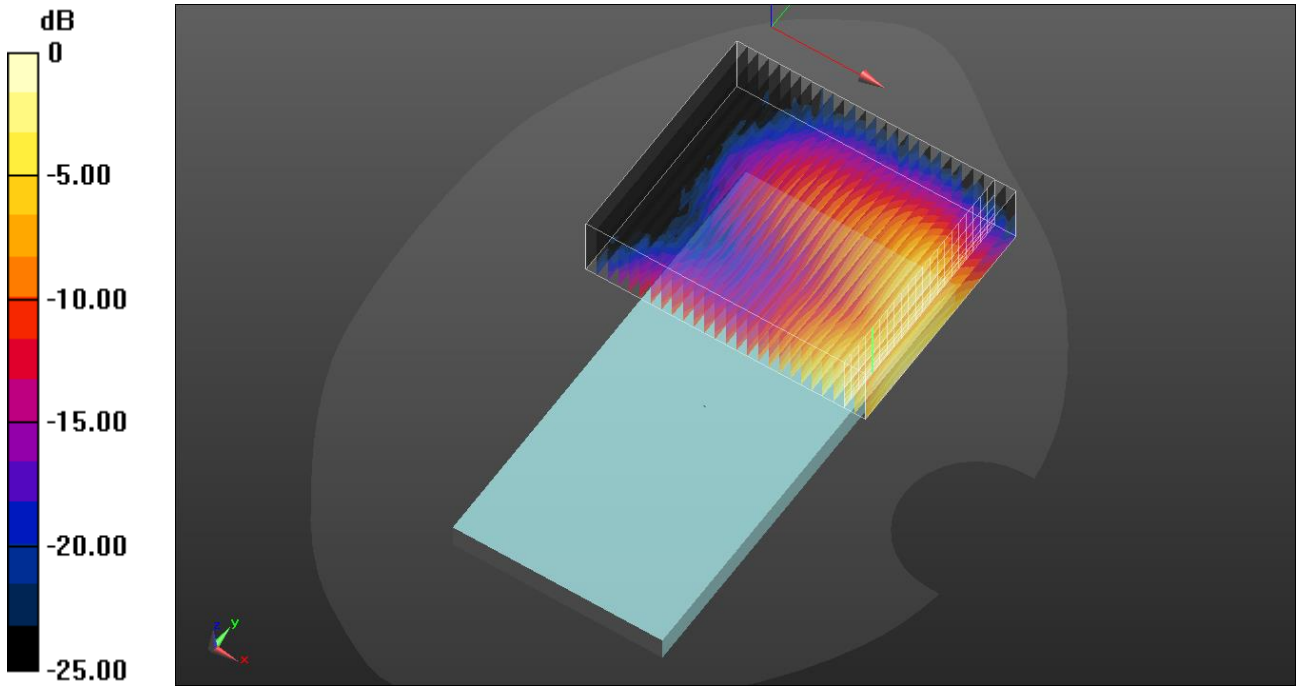
0 dB = 0.349 W/kg = −4.57 dBW/kg

DTS MIMO

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/802.11 g mode ch.6 MIMO/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.954 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.222 W/kg

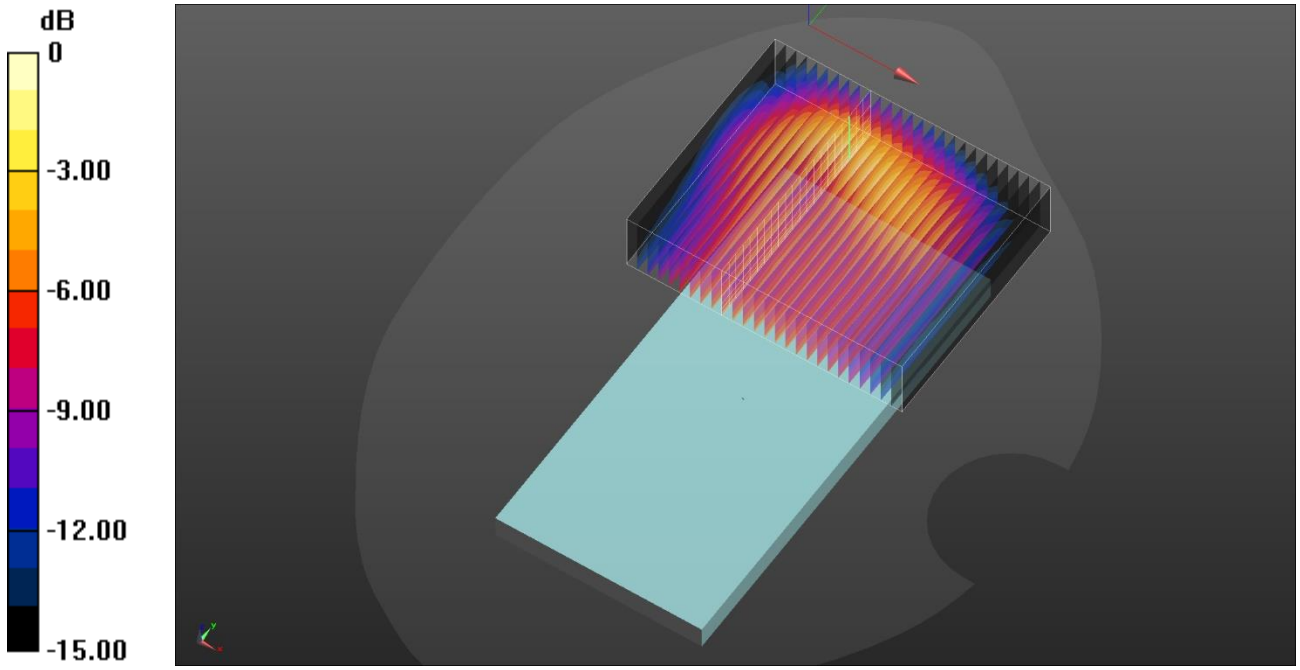


0 dB = 0.222 W/kg = −6.54 dBW/kg

LTE Band 4

Frequency: 1732.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.309 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/QPSK RB 1/0 ch.20175/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.72 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.311 W/kg
SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.091 W/kg
Maximum value of SAR (measured) = 0.250 W/kg



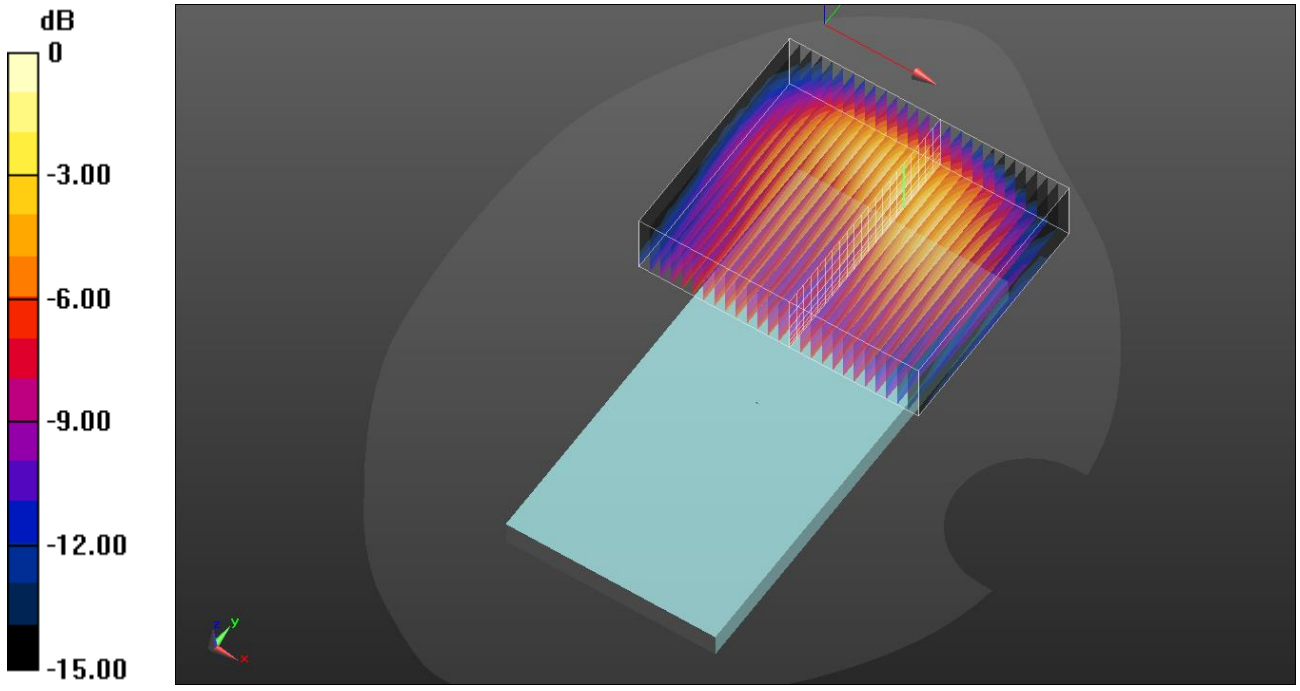
0 dB = 0.250 W/kg = −6.02 dBW/kg

LTE Band 2

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 40.462; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1860 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume scan/QPSK RB 1/99 ch.18700/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.934 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.142 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.118 W/kg

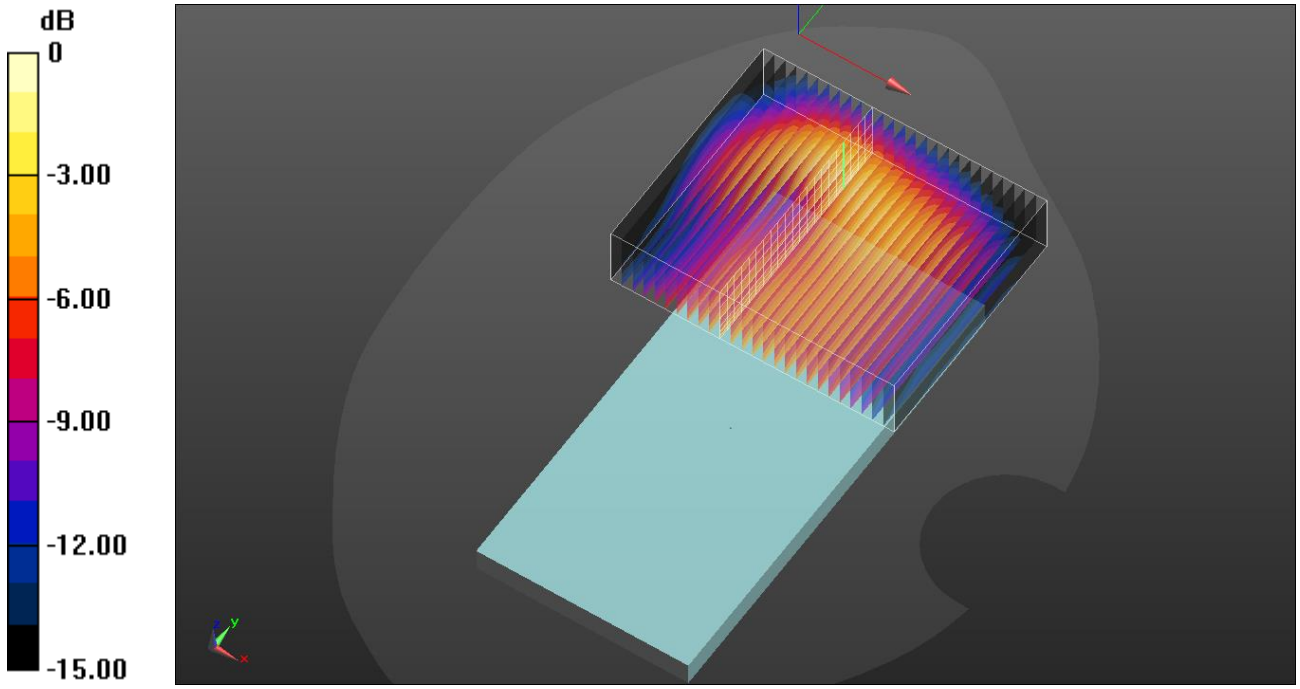


0 dB = 0.118 W/kg = −9.28 dBW/kg

NR Band n66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume/QPSK RB 1/53 ch.354000/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.28 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.097 W/kg
Maximum value of SAR (measured) = 0.253 W/kg



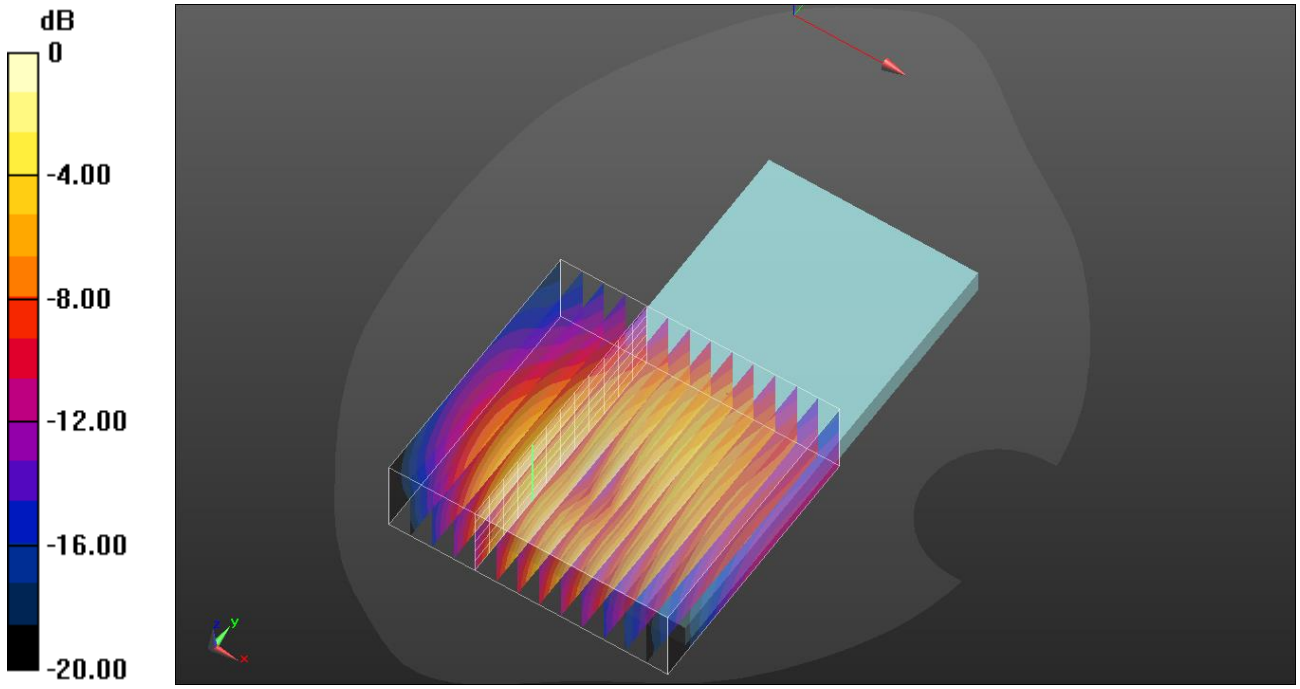
0 dB = 0.253 W/kg = -5.97 dBW/kg

LTE Band 26(5)

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.894 S/m; ε_r = 41.947; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(10.56, 10.56, 10.56) @ 831.5 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume Scan/QPSK RB 1/37 ch.26865/Volume Scan (14x13x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.51 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.737 W/kg
SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.246 W/kg
Maximum value of SAR (measured) = 0.610 W/kg



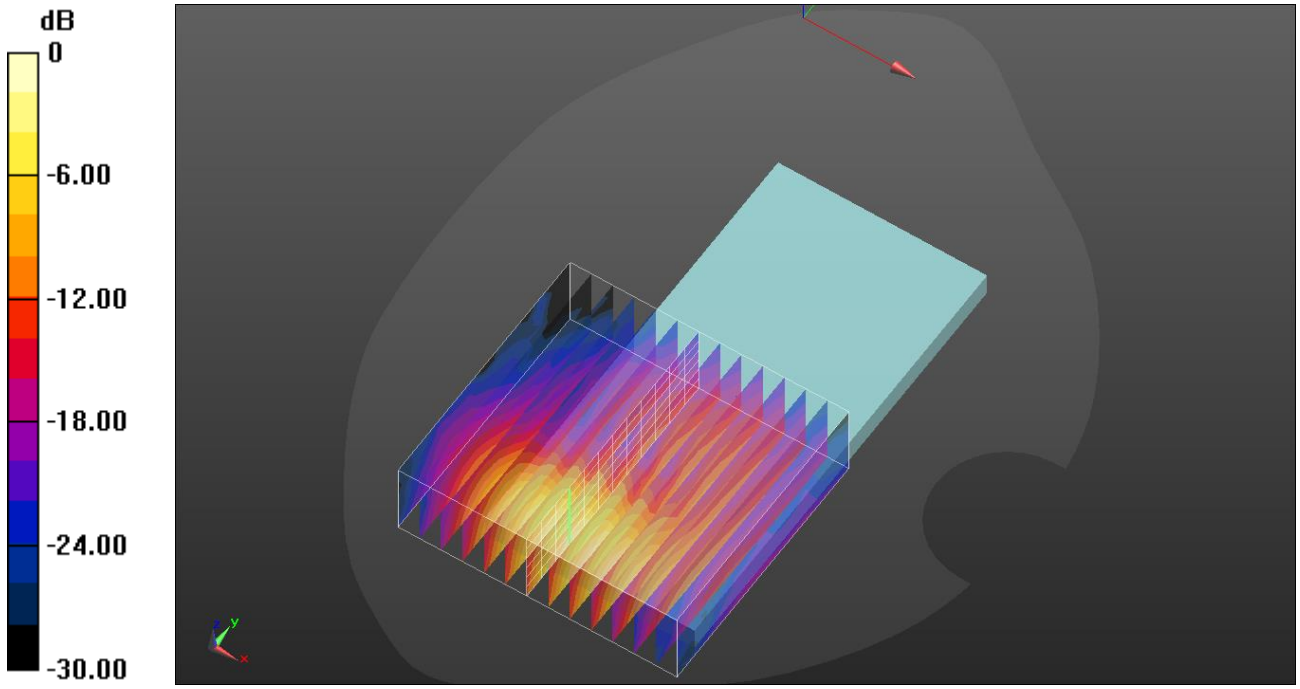
0 dB = 0.610 W/kg = -2.15 dBW/kg

LTE Band 66

Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1720 MHz; σ = 1.329 S/m; ε_r = 39.327; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1720 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Volume Scan/QPSK RB 50/0 ch.132072/Volume Scan (14x13x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.22 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.272 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.405 W/kg



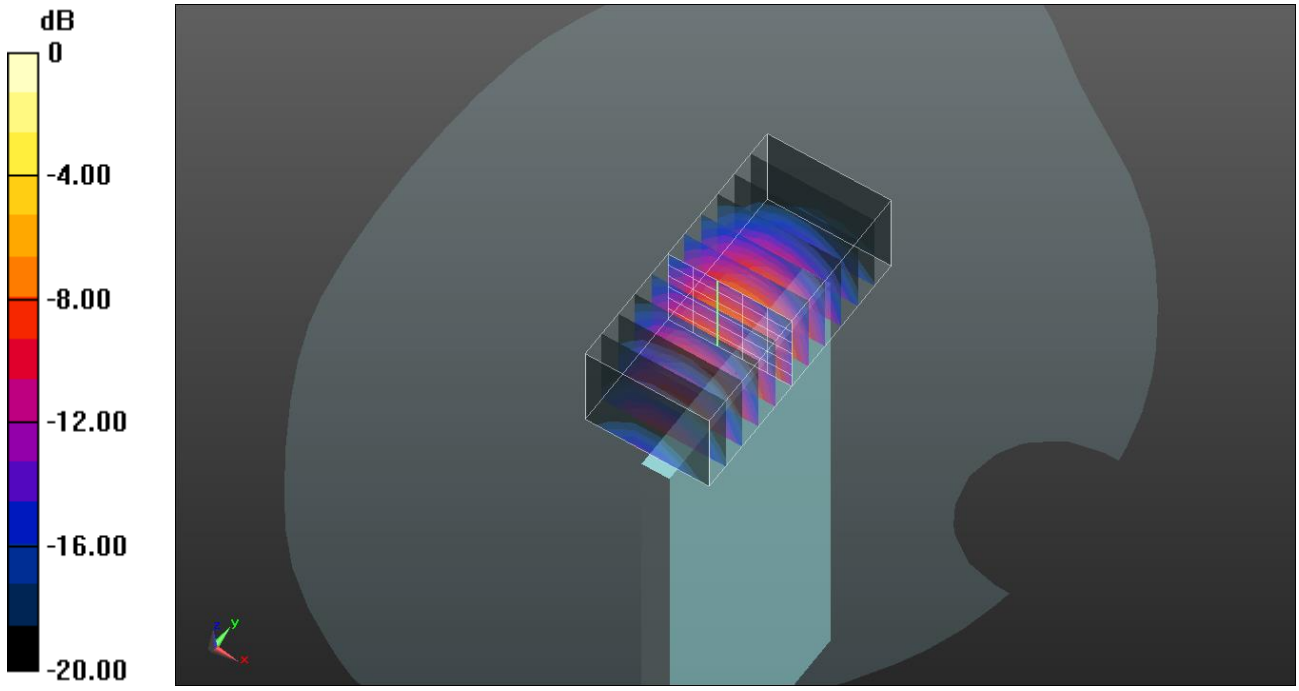
0 dB = 0.405 W/kg = -3.93 dBW/kg

LTE Band 25(2)

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1905 MHz; σ = 1.44 S/m; ε_r = 38.849; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(8.06, 8.06, 8.06) @ 1905 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/QPSK RB 100/0 ch.26590/Volume Scan (12x6x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.58 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 1.27 W/kg

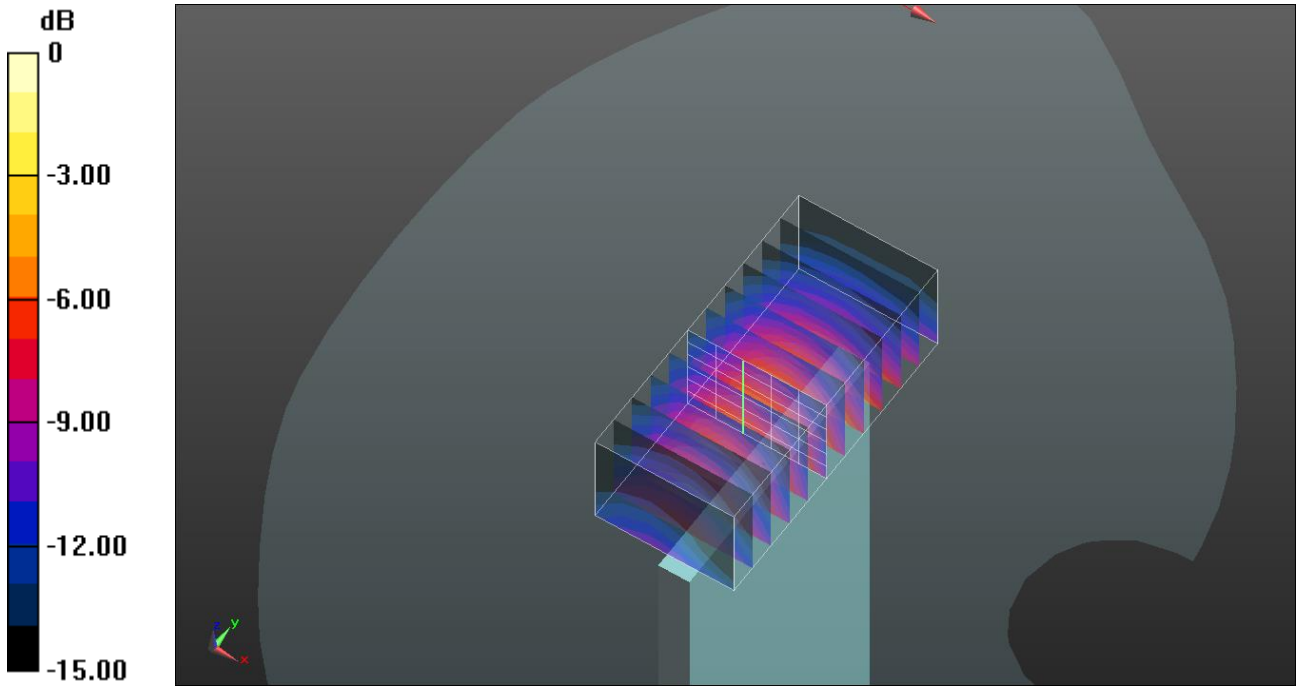


0 dB = 1.27 W/kg = 1.04 dBW/kg

NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.932 S/m; ε_r = 41.88; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(9.43, 9.43, 9.43) @ 836.5 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/QPSK RB 50/25 ch.167300/Volume Scan (12x6x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.47 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.118 W/kg
Maximum value of SAR (measured) = 0.282 W/kg



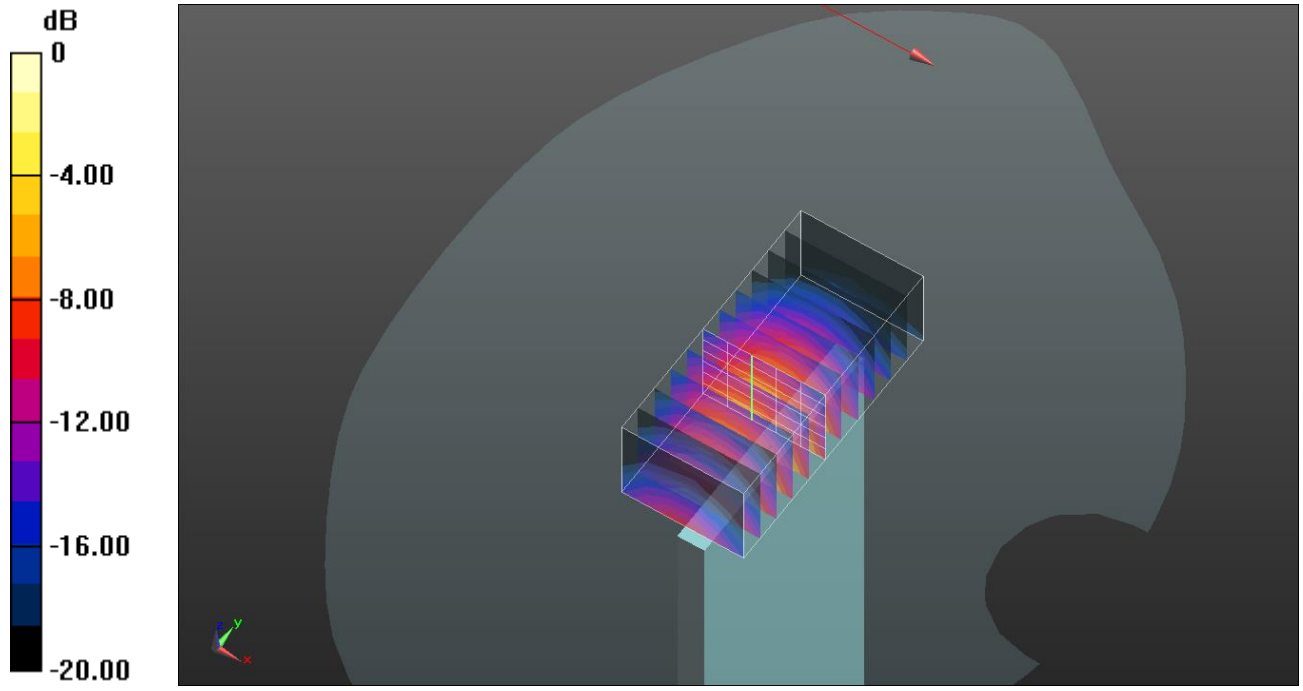
0 dB = 0.282 W/kg = −5.50 dBW/kg

LTE Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: f = 1770 MHz; σ = 1.371 S/m; ε_r = 38.938; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(8.34, 8.34, 8.34) @ 1770 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/QPSK RB 1/49 ch.132572/Volume Scan (12x6x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.81 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.378 W/kg
Maximum value of SAR (measured) = 0.948 W/kg



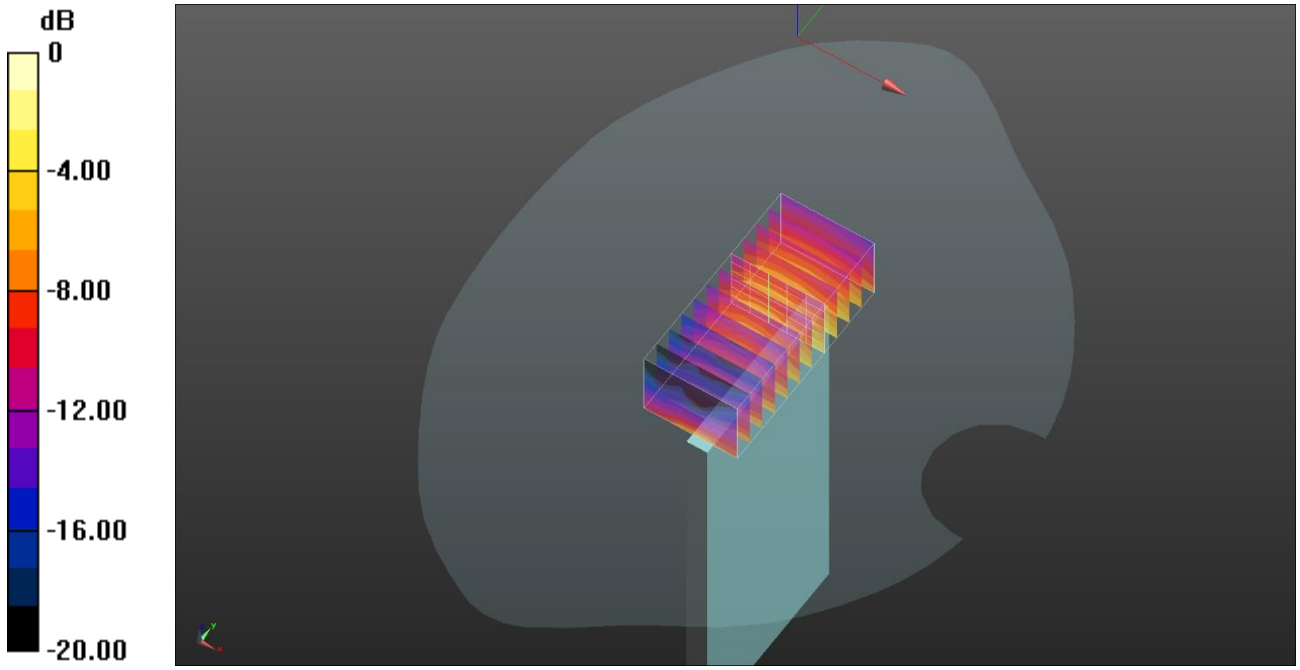
0 dB = 0.948 W/kg = −0.23 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.855 S/m; ε_r = 40.865; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(9.6, 9.6, 9.6) @ 707.5 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/QPSK RB 1/25 ch.23095/Volume Scan (12x6x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.292 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.0890 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.031 W/kg
Maximum value of SAR (measured) = 0.0744 W/kg



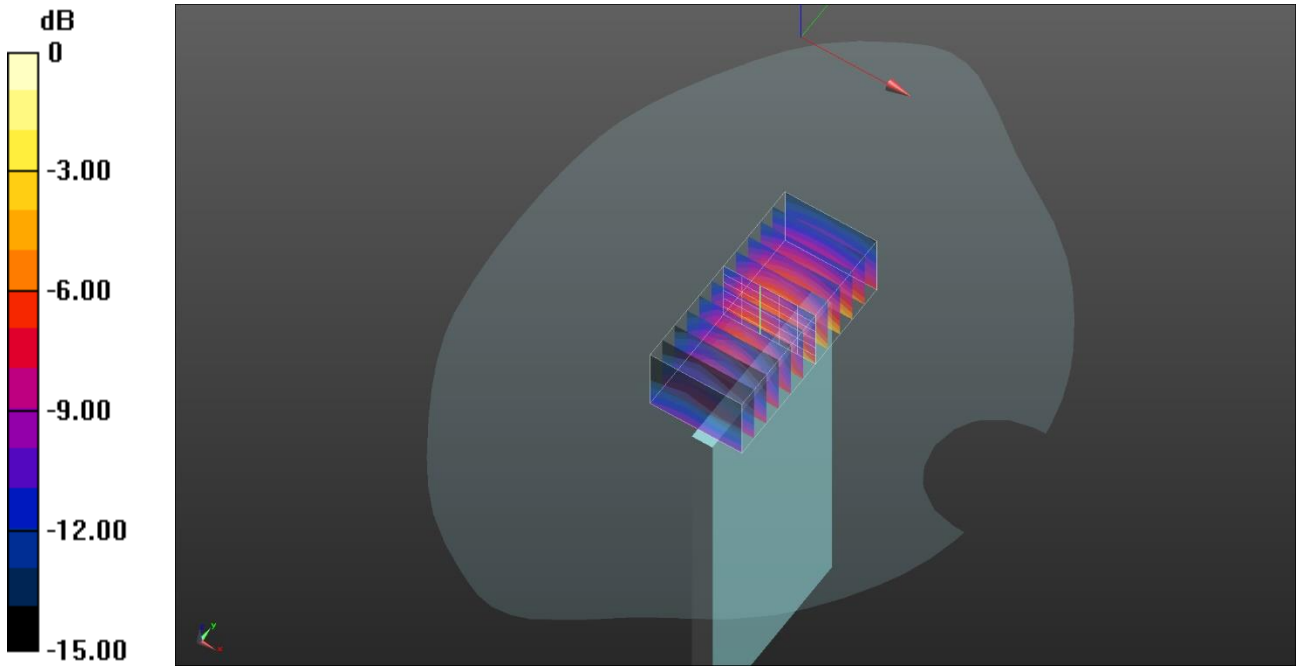
0 dB = 0.0744 W/kg = −11.28 dBW/kg

LTE Band 26(5)

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.895 S/m; ε_r = 40.45; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(9.43, 9.43, 9.43) @ 831.5 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Volume scan/QPSK RB 1/37 ch.26865/Volume Scan (12x6x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.71 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.225 W/kg



0 dB = 0.225 W/kg = −6.48 dBW/kg

LTE Band 2 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Left Tilt Volume Scan/Tilt_QPSK 1/0_ch.26590/Volume Scan:

Date/Time: 2021-12-22 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1905 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1900 Medium parameters used: f = 1905 MHz; σ = 1.393 S/m; ε_r = 39.777; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

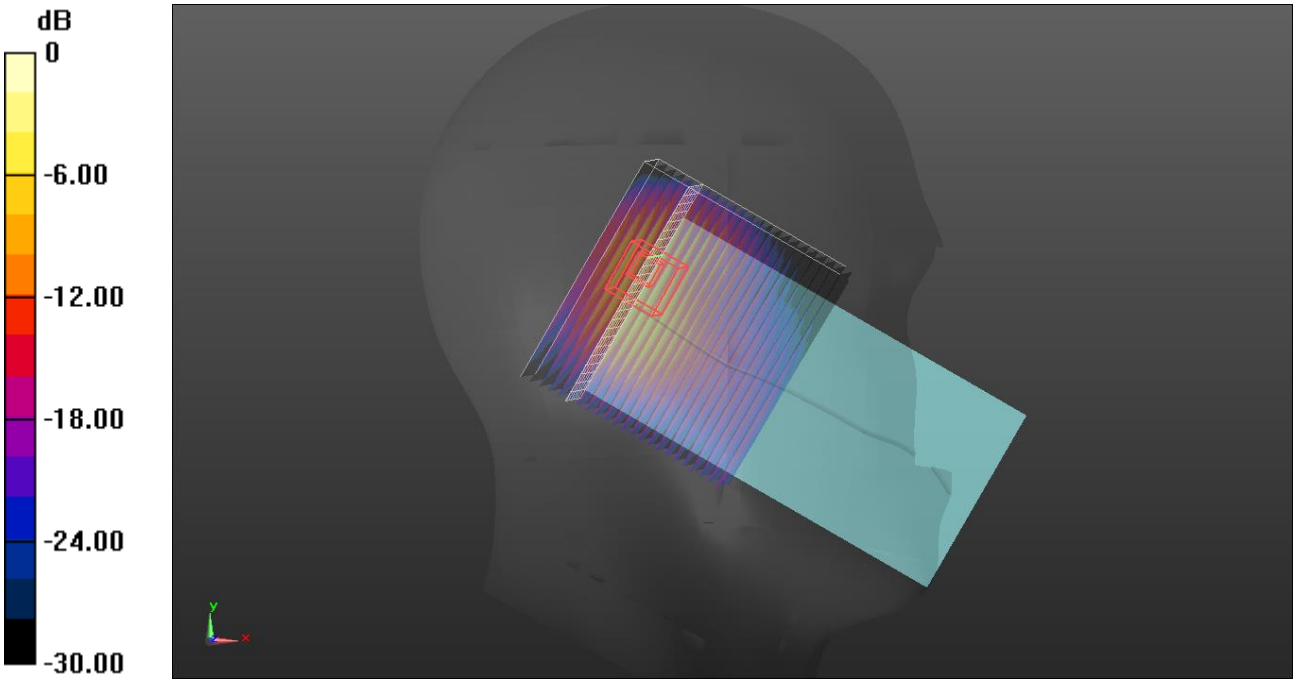
- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1905 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Left Tilt Volume Scan/Tilt_QPSK 50/25_ch.354000 2/Volume Scan:

Date/Time: 2021-12-22 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1700 Medium parameters used: f = 1770 MHz; σ = 1.365 S/m; ε_r = 40.303; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (interpolated) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 dBW/kg

UNII MIMO + Bluetooth Ant 1

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; εr = 34.364; ρ = 1000 kg/m3 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

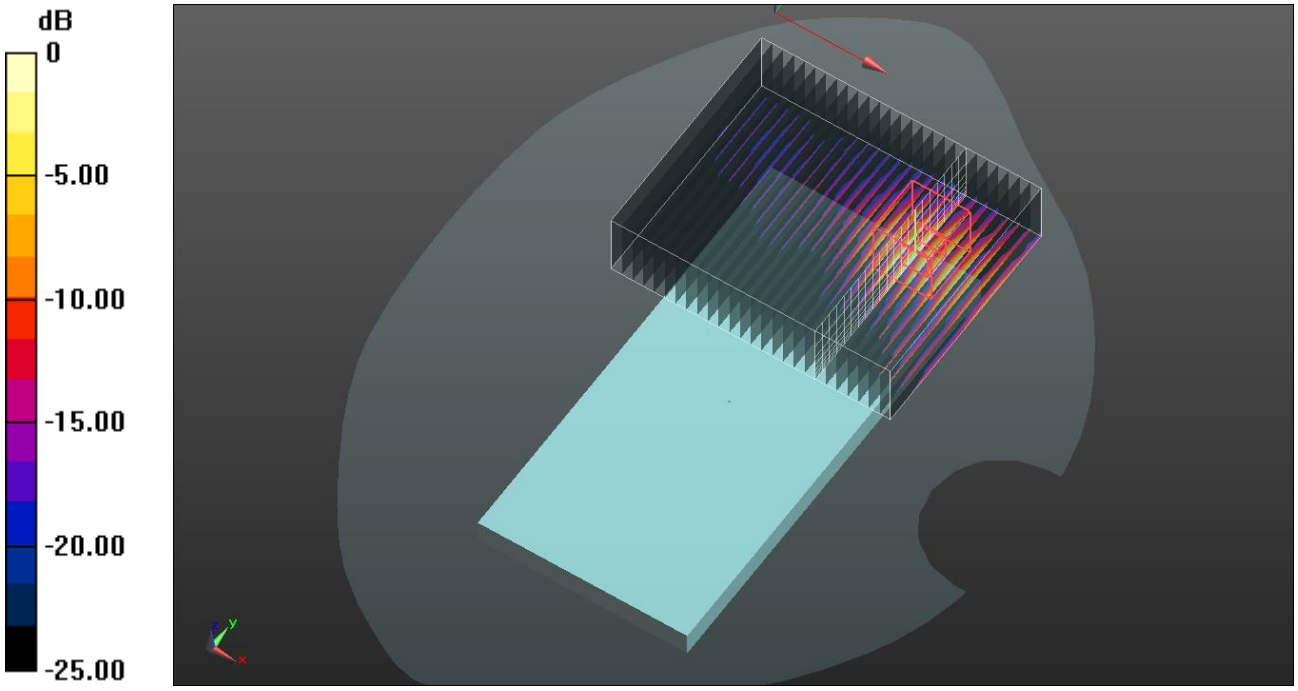
- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 10/28/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.858 S/m; εr = 38.604; ρ = 1000 kg/m3 Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.384 W/kg
Maximum value of SAR (interpolated) = 4.29 W/kg



0 dB = 4.29 W/kg = 6.32 dBW/kg

UNII MIMO + Bluetooth Ant 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

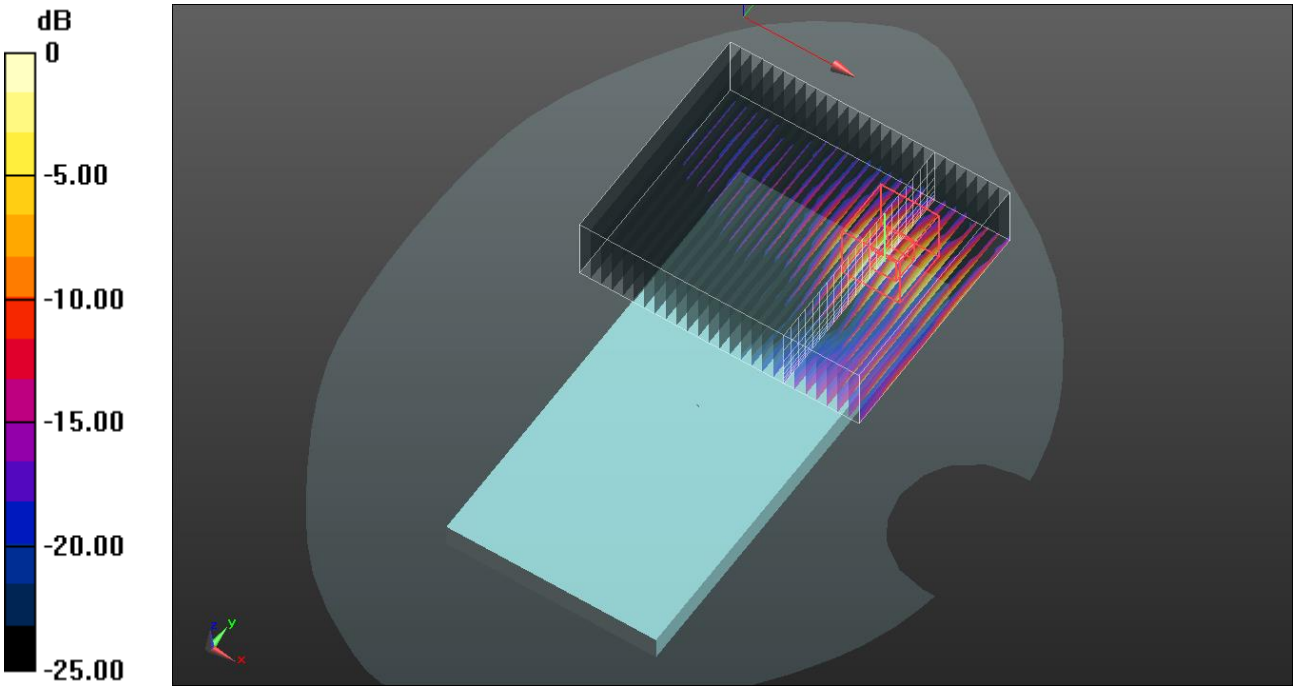
- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 10/28/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.797 S/m; ε_r = 38.071; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.392 W/kg
Maximum value of SAR (interpolated) = 4.31 W/kg



0 dB = 4.31 W/kg = 6.34 dBW/kg

UNII MIMO + Bluetooth MIMO

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; εr = 34.364; ρ = 1000 kg/m3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

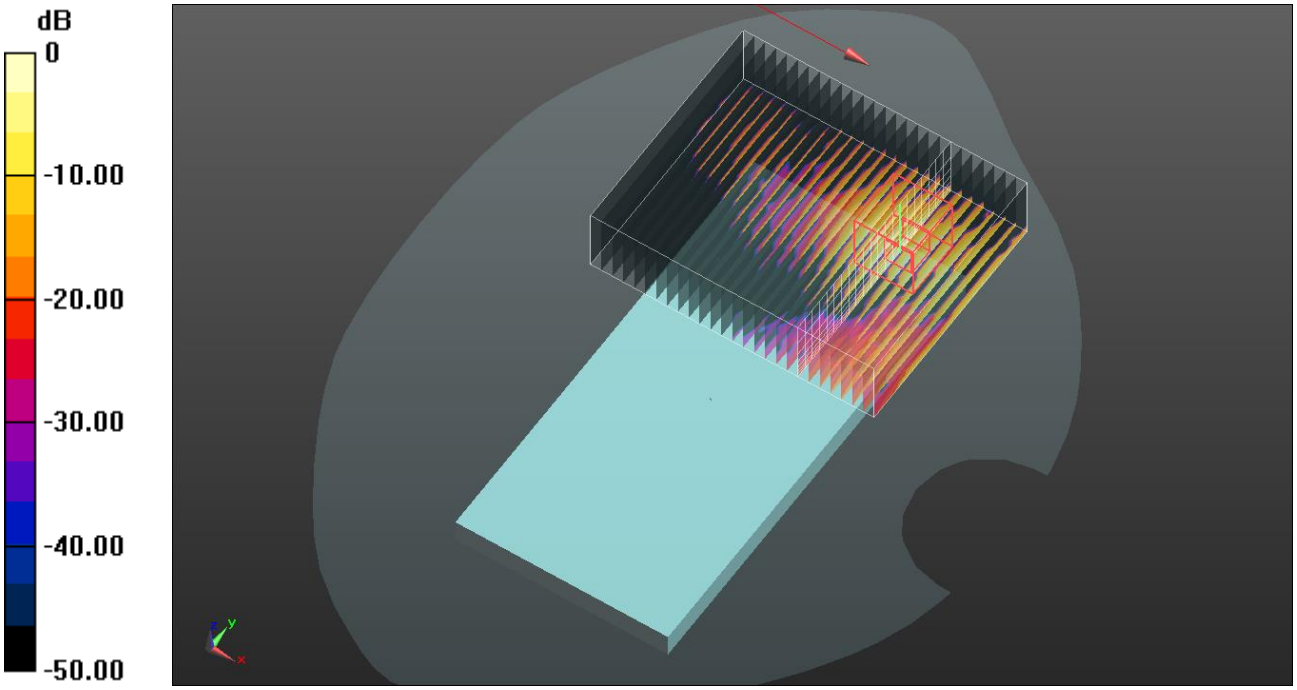
- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 10/29/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used: f = 2480 MHz; σ = 1.823 S/m; εr = 38.014; ρ = 1000 kg/m3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2480 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (interpolated) = 4.29 W/kg



0 dB = 4.29 W/kg = 6.32 dBW/kg

UNII MIMO + Bluetooth Ant 1 + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 10/28/2021 , Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.858 S/m; ε_r = 38.604; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

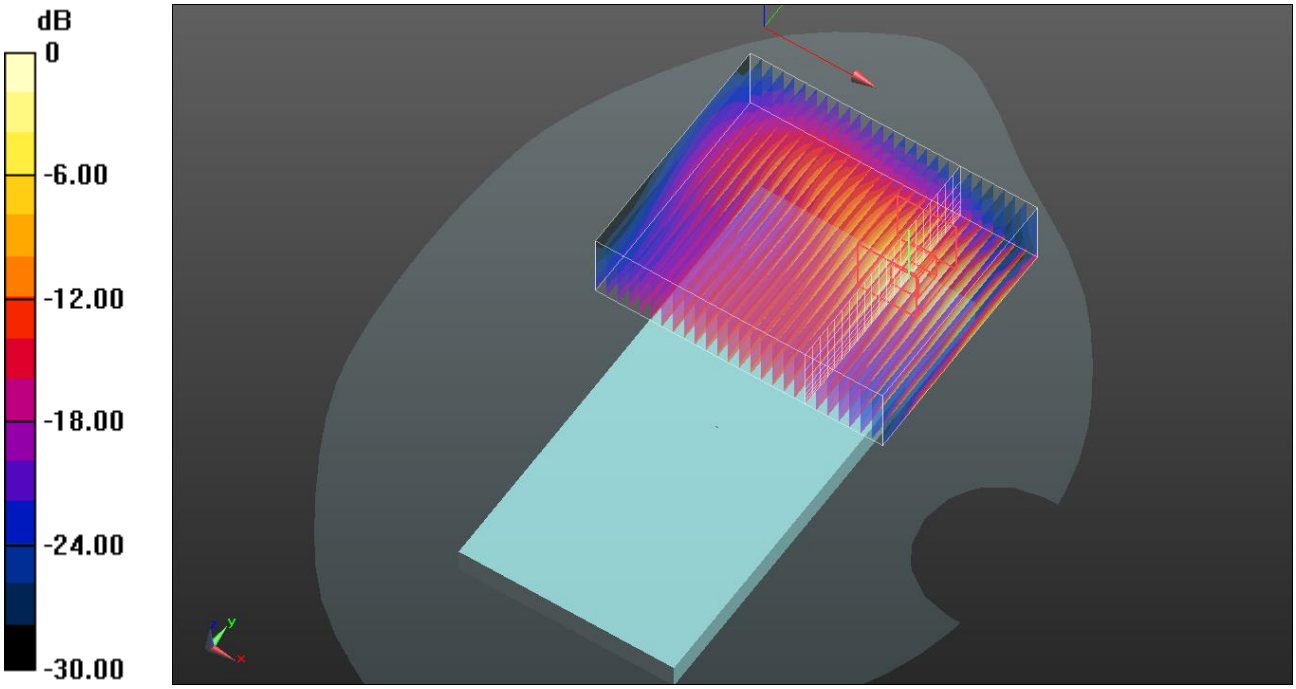
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/99 ch.20175/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.354 S/m; ε_r = 40.363; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.522 W/kg
Maximum value of SAR (interpolated) = 4.66 W/kg



0 dB = 4.66 W/kg = 6.68 dBW/kg

UNII MIMO + Bluetooth Ant 2 + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.797 S/m; ε_r = 38.071; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

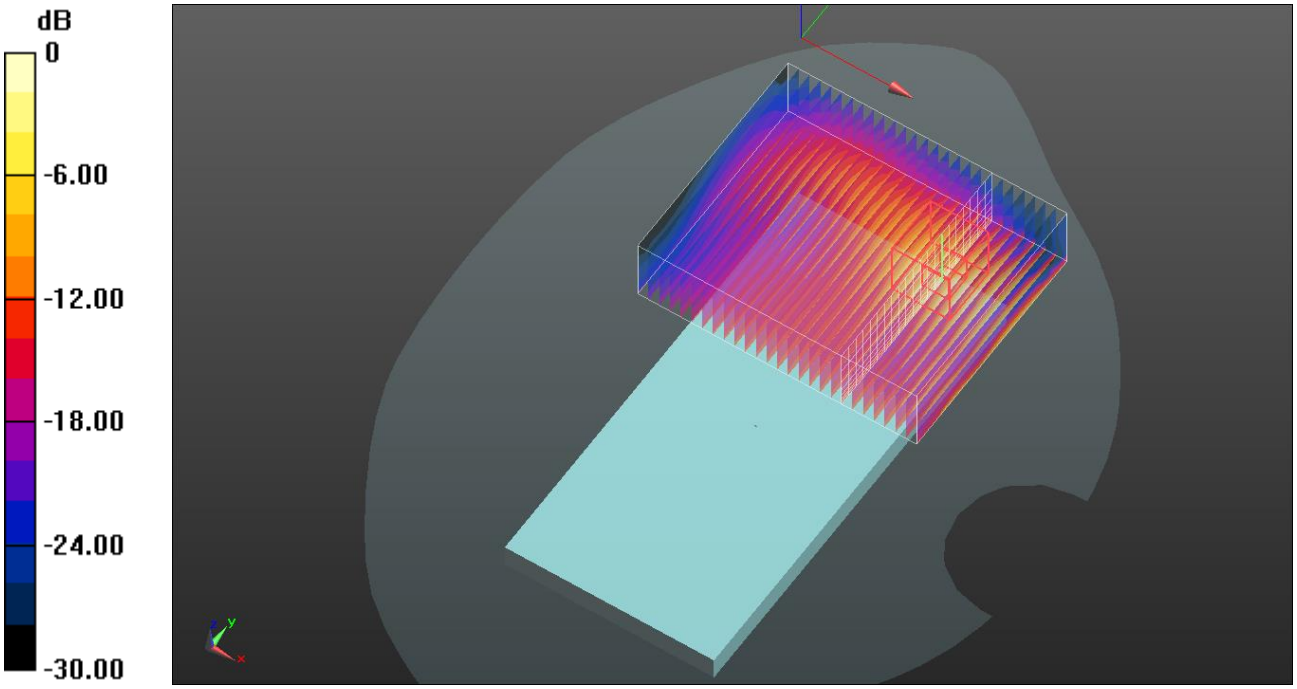
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/99 ch.20175/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.354 S/m; ε_r = 40.363; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (interpolated) = 4.68 W/kg



0 dB = 4.68 W/kg = 6.70 dBW/kg

UNII MIMO + Bluetooth MIMO + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 10/29/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used: f = 2480 MHz; σ = 1.823 S/m; ε_r = 38.014; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

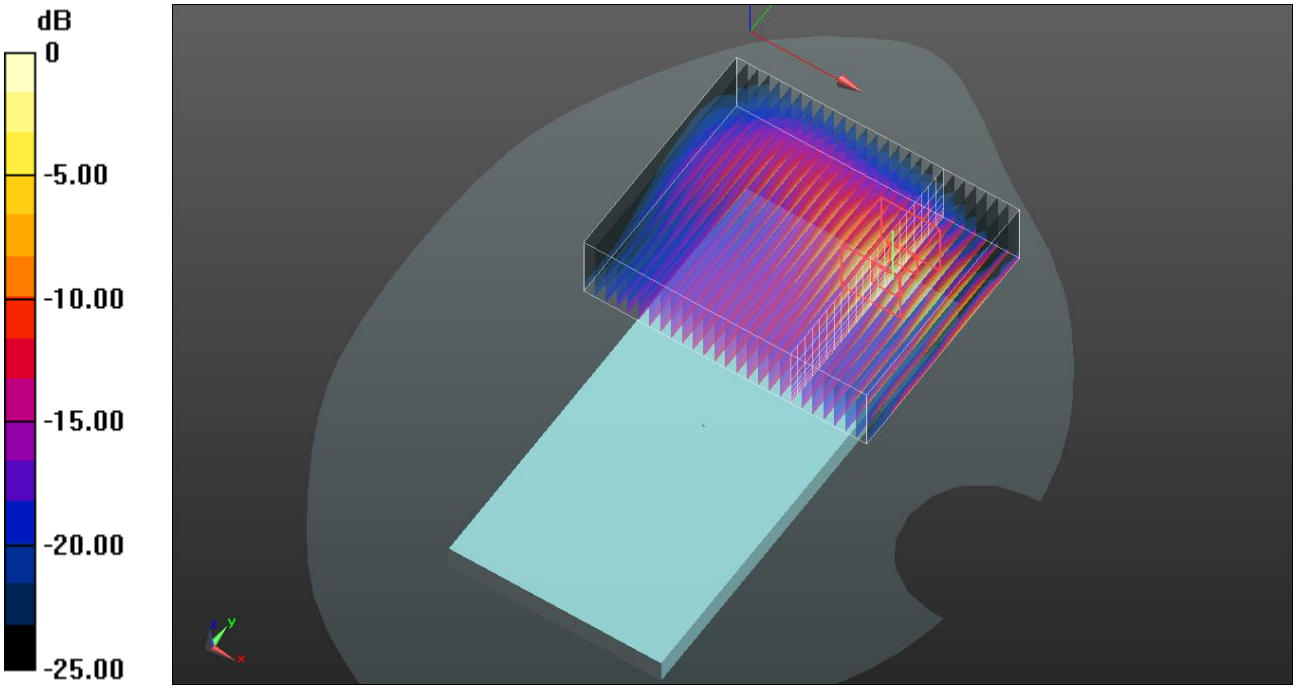
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2480 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/99 ch.20175/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.354 S/m; ε_r = 40.363; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.521 W/kg
Maximum value of SAR (interpolated) = 4.66 W/kg



0 dB = 4.66 W/kg = 6.68 dBW/kg

UNII MIMO + Bluetooth Ant1 + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.858 S/m; ε_r = 38.604; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

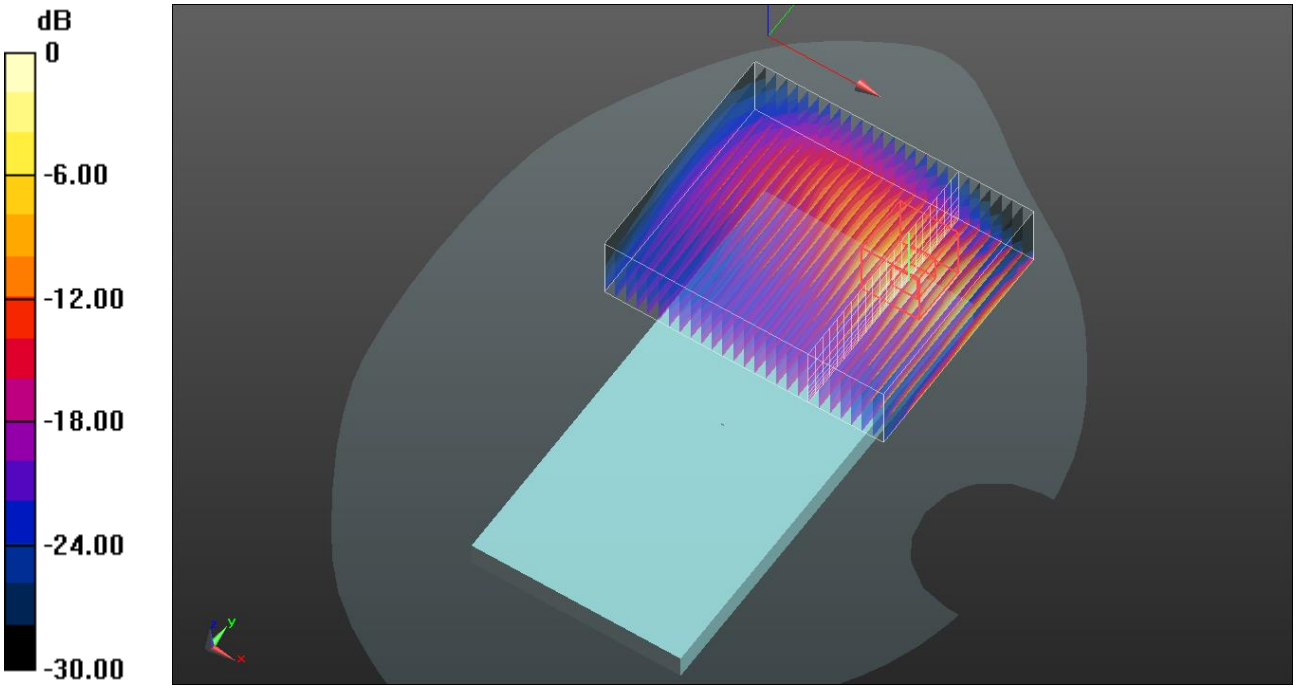
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/99 ch.18900/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1880 MHz; σ = 1.419 S/m; ε_r = 40.004; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1880 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.495 W/kg
Maximum value of SAR (interpolated) = 4.60 W/kg



0 dB = 4.60 W/kg = 6.63 dBW/kg

UNII MIMO + Bluetooth Ant 2 + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.797 S/m; ε_r = 38.071; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

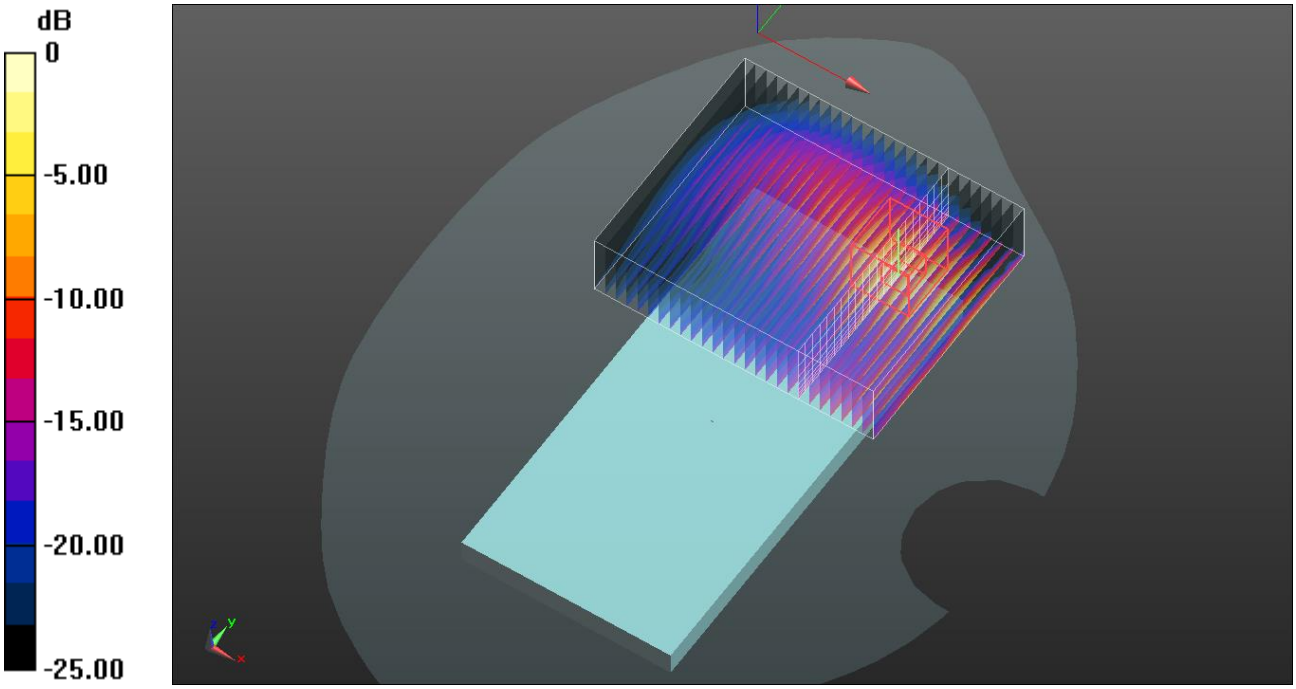
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/99 ch.18900/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1880 MHz; σ = 1.419 S/m; ε_r = 40.004; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1880 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.503 W/kg
Maximum value of SAR (interpolated) = 4.63 W/kg



0 dB = 4.63 W/kg = 6.66 dBW/kg

UNII MIMO + Bluetooth MIMO + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 10/29/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used: f = 2480 MHz; σ = 1.823 S/m; ε_r = 38.014; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

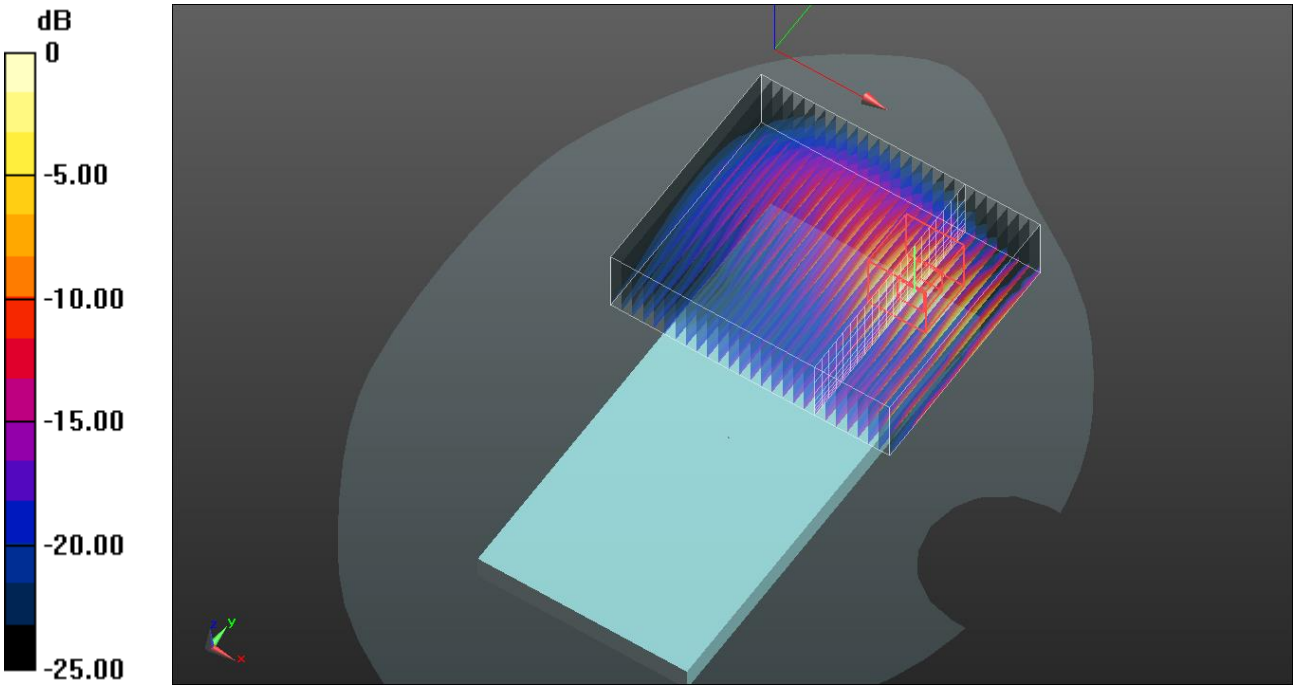
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2480 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/99 ch.18900/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1880 MHz; σ = 1.419 S/m; ε_r = 40.004; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1880 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.492 W/kg
Maximum value of SAR (interpolated) = 4.60 W/kg



0 dB = 4.60 W/kg = 6.63 dBW/kg

UNII MIMO + Bluetooth Ant 1 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.858 S/m; ε_r = 38.604; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

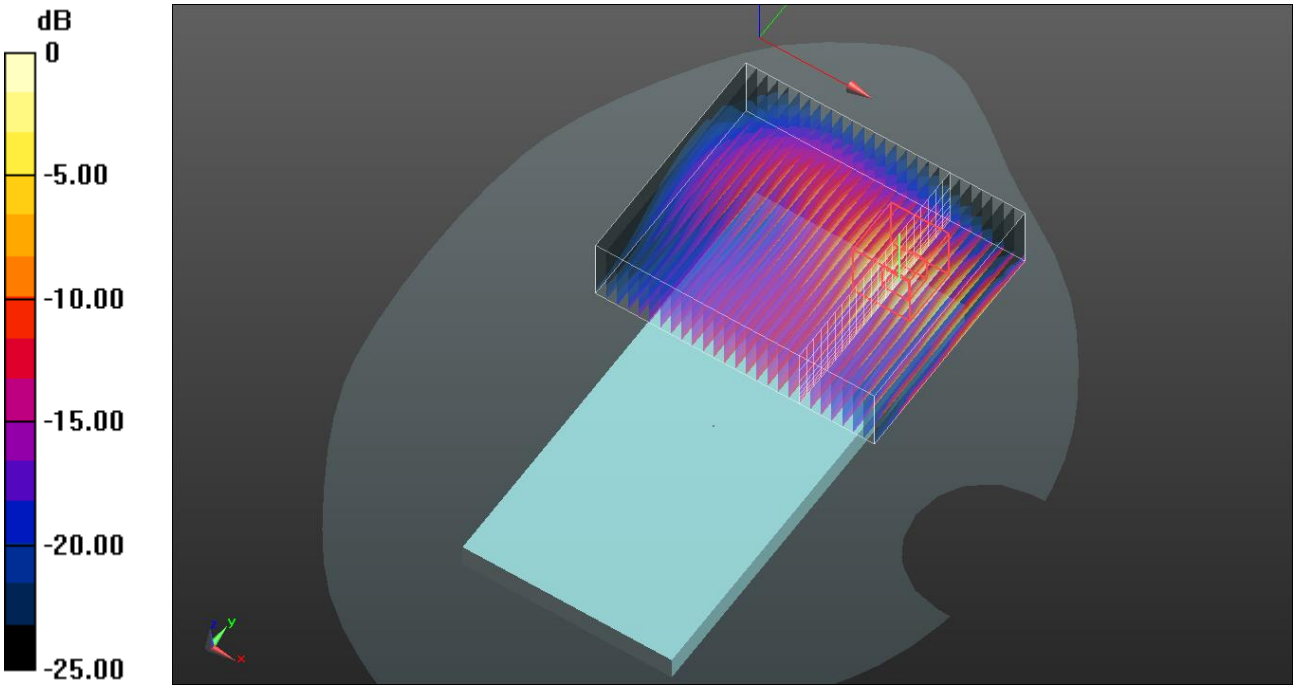
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 50/25 ch.354000/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.523 W/kg
Maximum value of SAR (interpolated) = 4.65 W/kg



0 dB = 4.65 W/kg = 6.67 dBW/kg

UNII MIMO + Bluetooth Ant 2 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.797 S/m; ε_r = 38.071; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

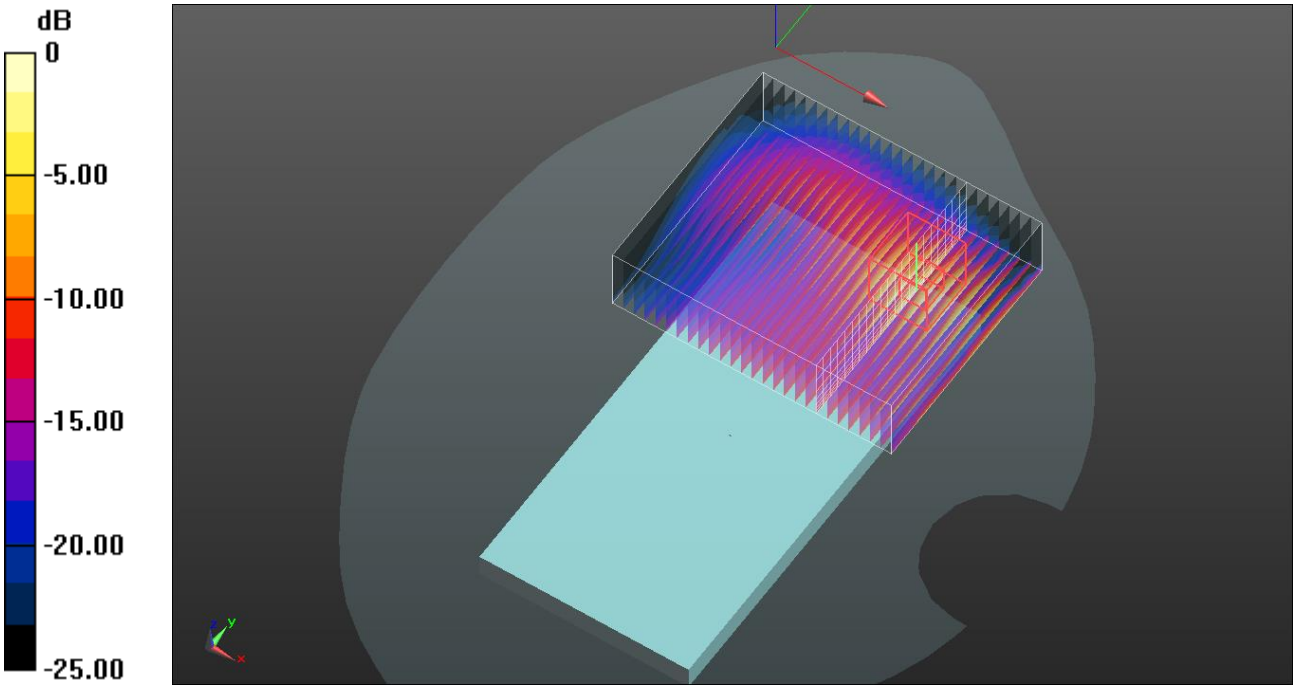
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2441 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 50/25 ch.354000/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.531 W/kg
Maximum value of SAR (interpolated) = 4.68 W/kg



0 dB = 4.68 W/kg = 6.70 dBW/kg

UNII MIMO + Bluetooth MIMO + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11a mode ch.177 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5885 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL5GHz Medium parameters used: f = 5885 MHz; σ = 5.335 S/m; ε_r = 34.364; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7610; ConvF(5, 5, 5) @ 5885 MHz; Calibrated: 8/26/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 10/29/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 2450 Medium parameters used: f = 2480 MHz; σ = 1.823 S/m; ε_r = 38.014; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

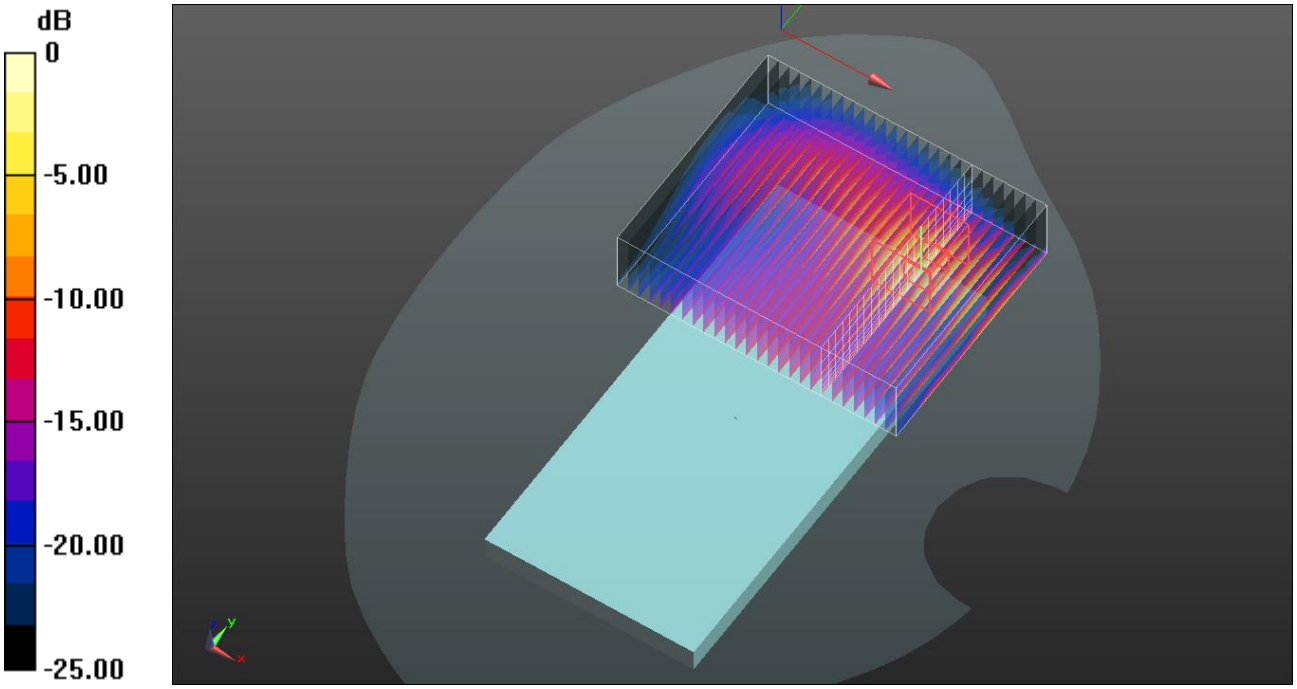
- Probe: EX3DV4 - SN7314; ConvF(7.47, 7.47, 7.47) @ 2480 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 50/25 ch.354000/Volume Scan:

Date/Time: 12/17/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.521 W/kg
Maximum value of SAR (interpolated) = 4.65 W/kg



0 dB = 4.65 W/kg = 6.67 dBW/kg

UNII MIMO + Bluetooth Ant1

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

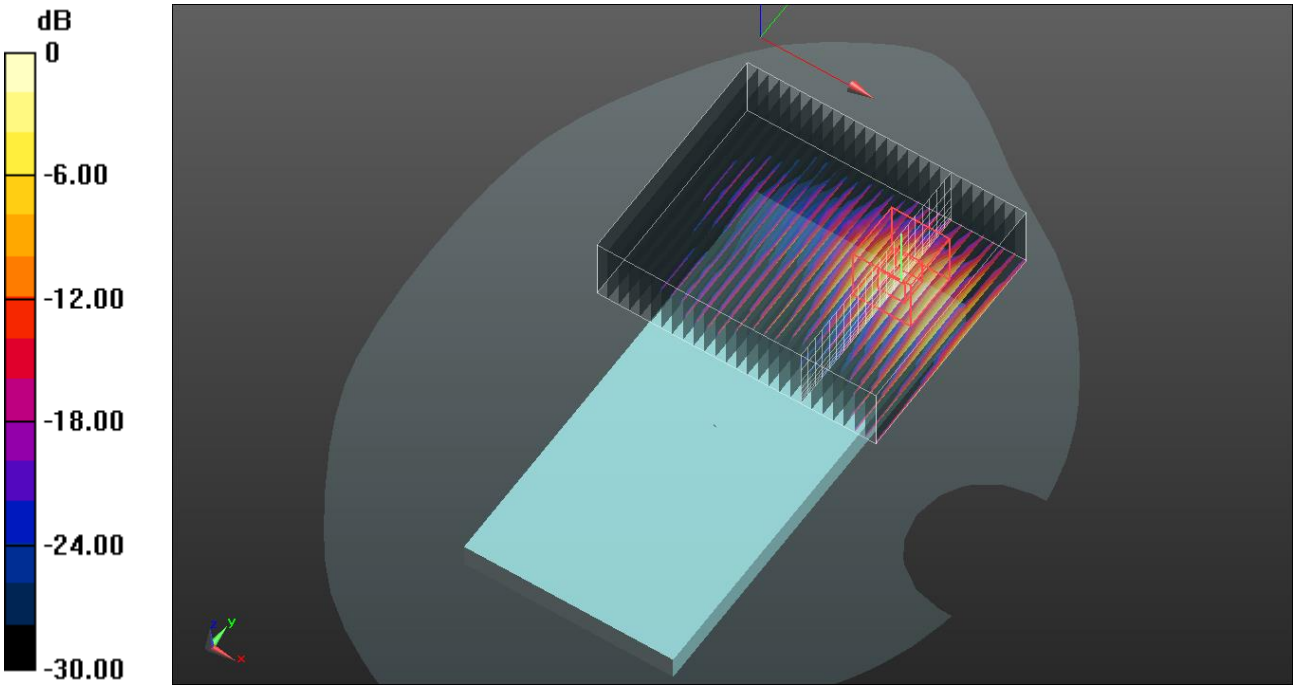
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.432 W/kg
Maximum value of SAR (interpolated) = 4.40 W/kg



0 dB = 4.40 W/kg = 6.43 dBW/kg

UNII MIMO + Bluetooth Ant2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

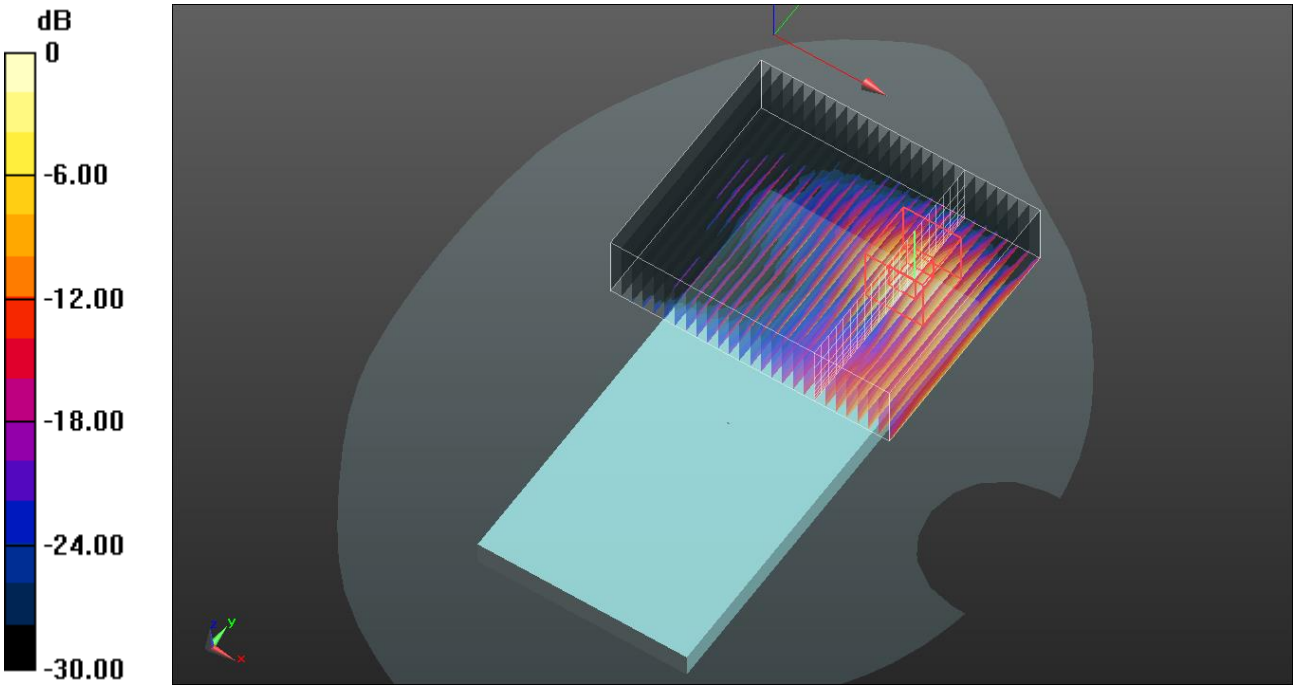
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.453 W/kg
Maximum value of SAR (interpolated) = 4.44 W/kg



0 dB = 4.44 W/kg = 6.47 dBW/kg

UNII MIMO + Bluetooth MIMO

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

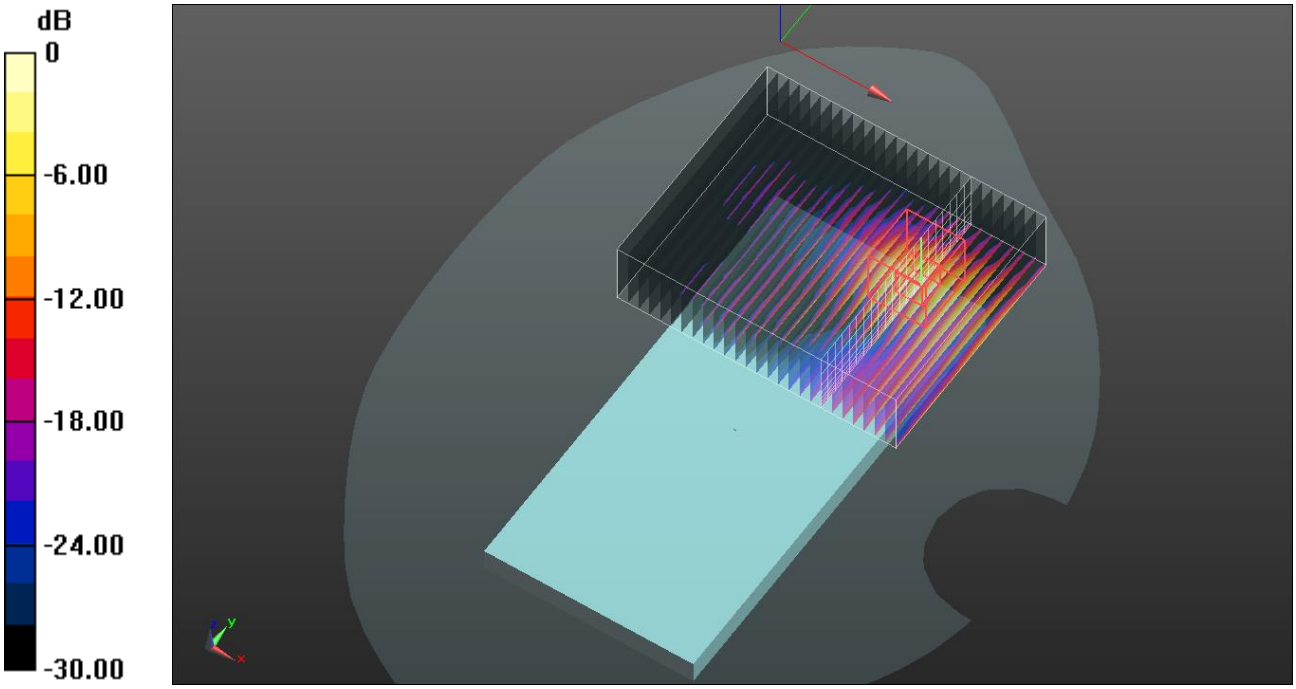
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/ Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 10/27/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used: f = 2480 MHz; σ = 1.772 S/m; ε_r = 38.339; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2480 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.415 W/kg
Maximum value of SAR (interpolated) = 4.38 W/kg



0 dB = 4.38 W/kg = 6.41 dBW/kg

UNII MIMO + DTS Ant1

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021 , Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

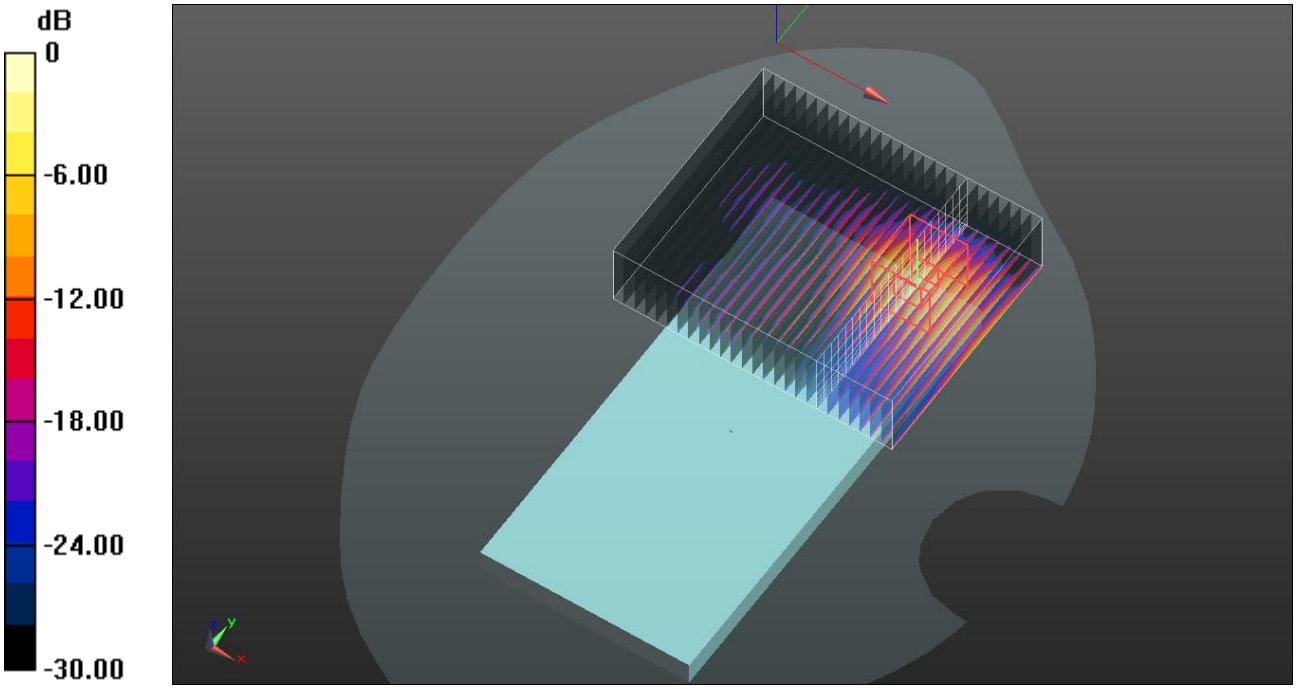
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant 1/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (interpolated) = 4.36 W/kg



0 dB = 4.36 W/kg = 6.39 dBW/kg

UNII MIMO + DTS Ant2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

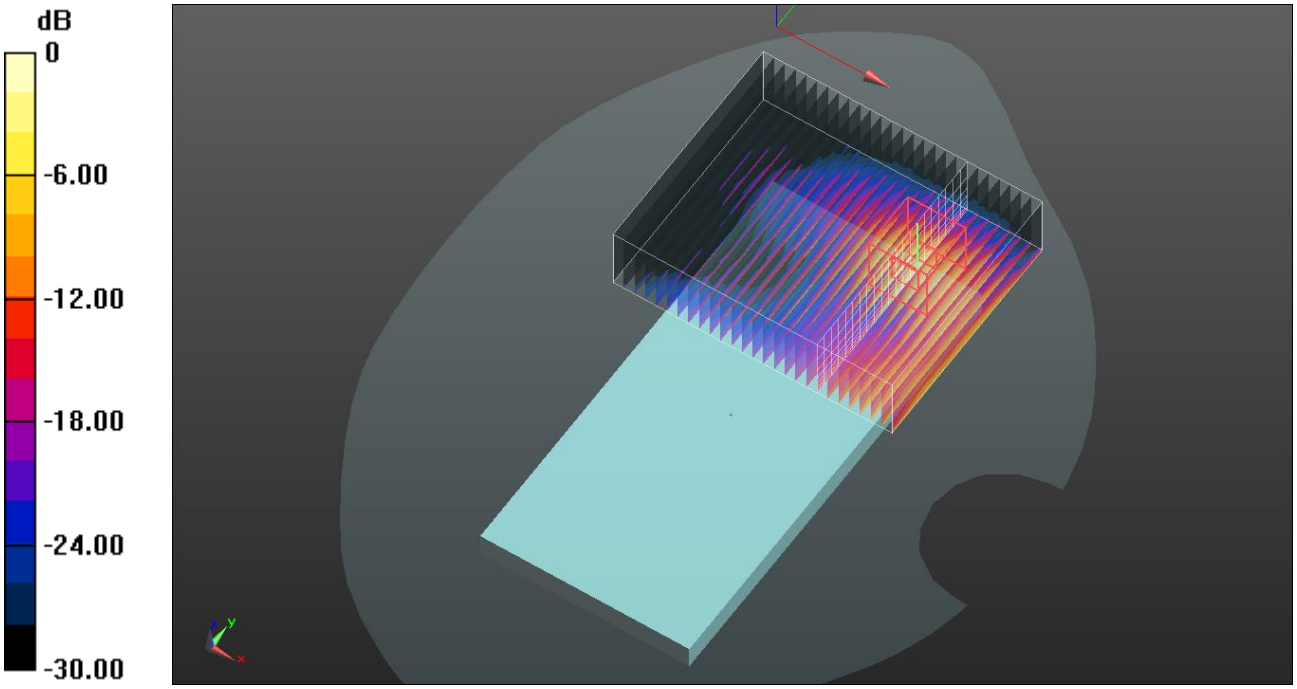
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant 2/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.458 W/kg
Maximum value of SAR (interpolated) = 4.44 W/kg



0 dB = 4.44 W/kg = 6.47 dBW/kg

UNII MIMO + DTS MIMO

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

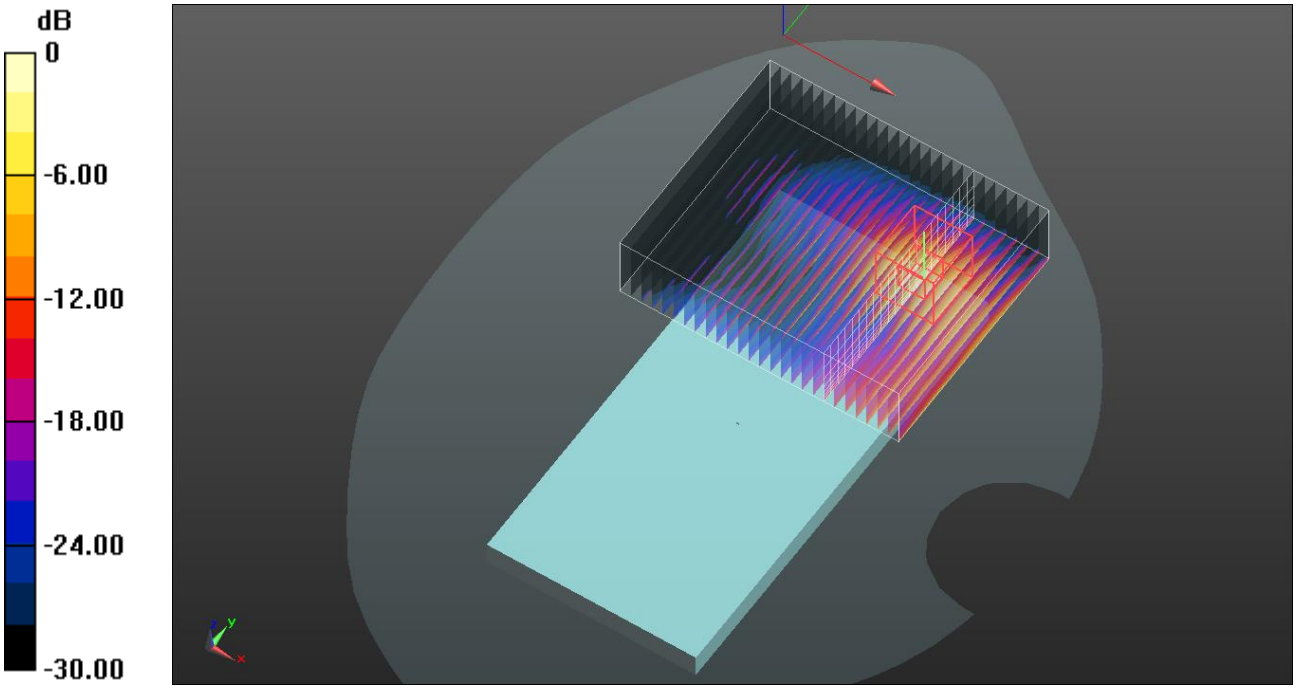
- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 g mode ch.6 MIMO/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.454 W/kg
Maximum value of SAR (interpolated) = 4.43 W/kg



0 dB = 4.43 W/kg = 6.46 dBW/kg

UNII MIMO + Bluetooth Ant 1 + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

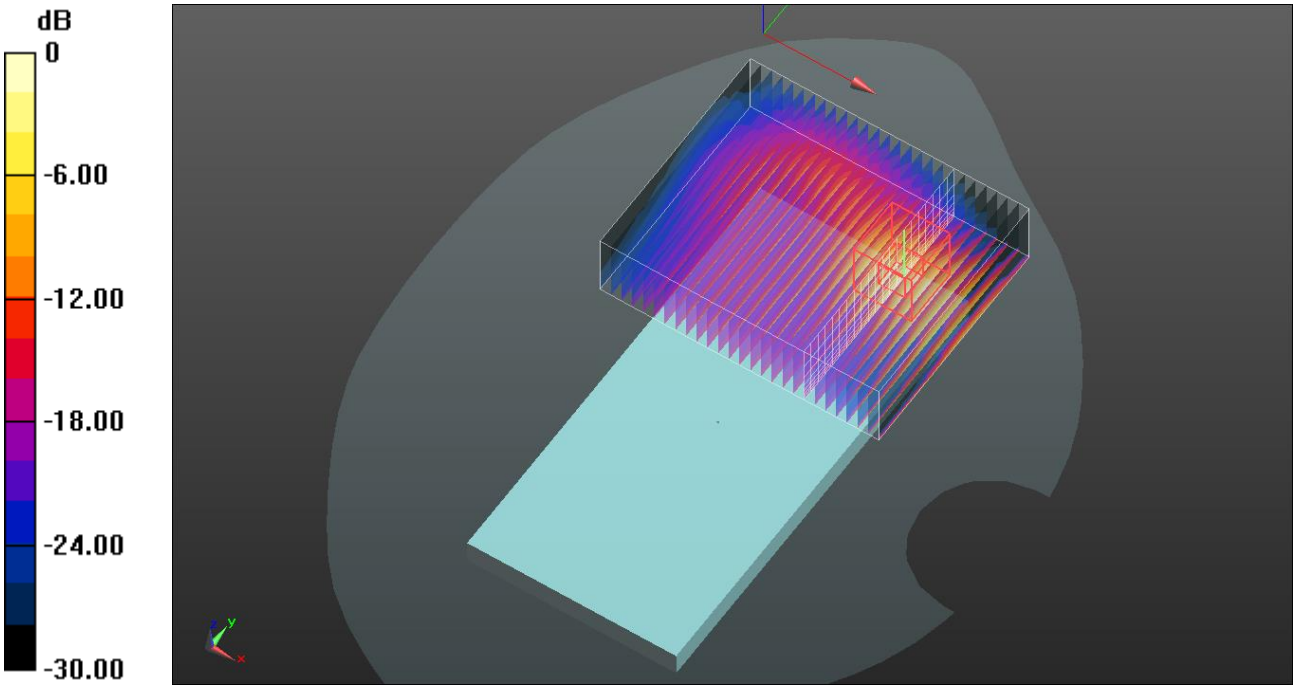
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/0 ch.20175/Volume Scan:

Date/Time: 11/4/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.309 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (interpolated) = 4.55 W/kg



0 dB = 4.55 W/kg = 6.58 dBW/kg

UNII MIMO + Bluetooth Ant 2 + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

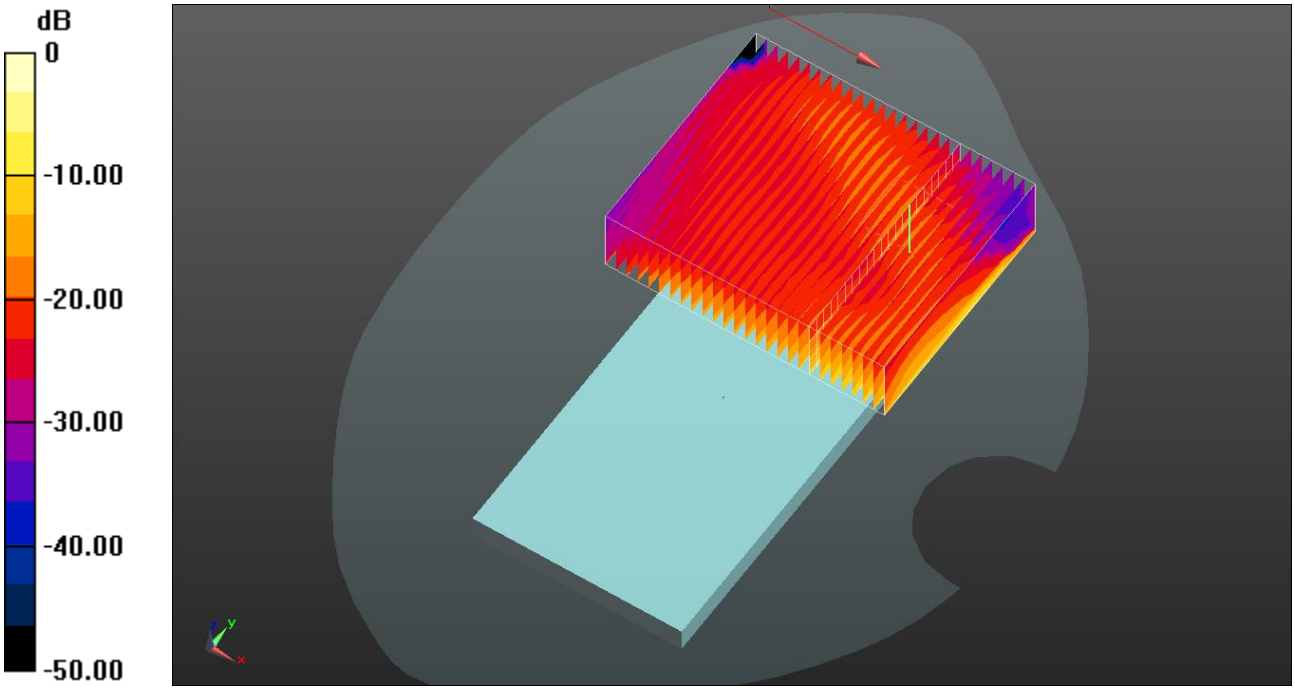
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/0 ch.20175/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.309 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (interpolated) = 4.59 W/kg



0 dB = 4.59 W/kg = 6.62 dBW/kg

UNII MIMO + Bluetooth MIMO + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/ Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 2021-10-27, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used: f = 2480 MHz; σ = 1.772 S/m; ε_r = 38.339; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

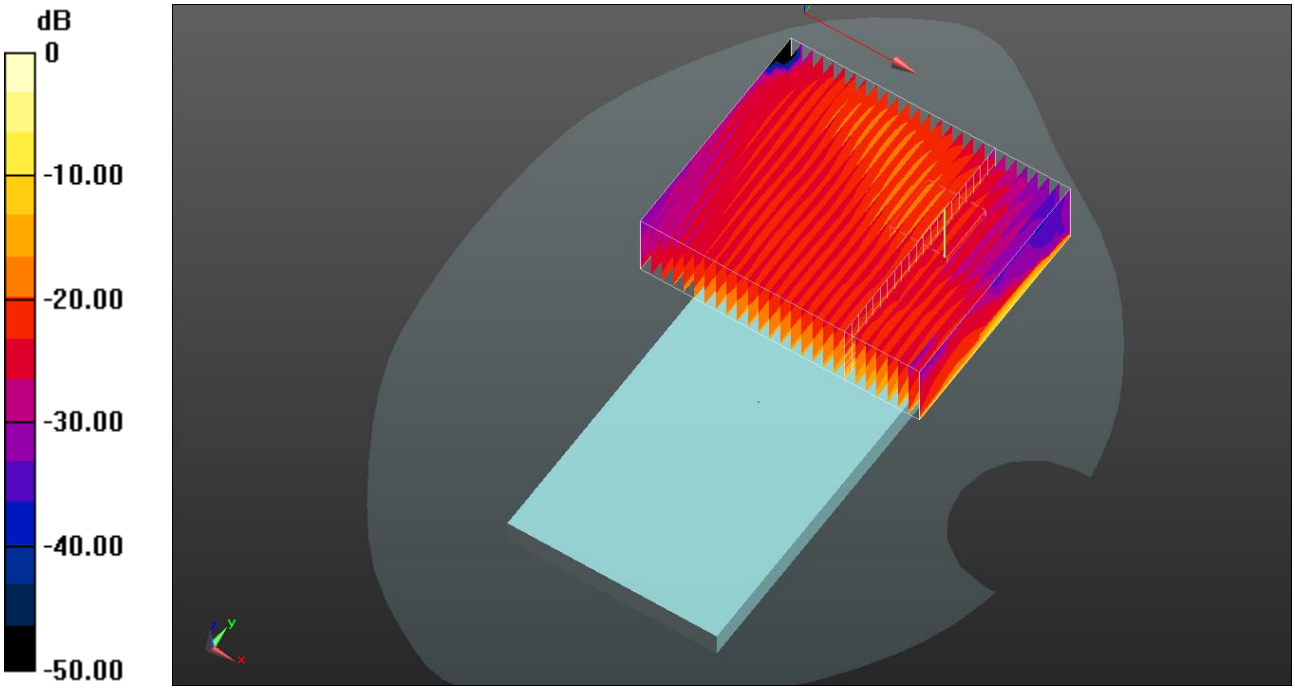
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2480 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/0 ch.20175/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.309 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.475 W/kg
Maximum value of SAR (interpolated) = 4.53 W/kg



0 dB = 4.53 W/kg = 6.56 dBW/kg

UNII MIMO + DTS ANT 1 + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant 1/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

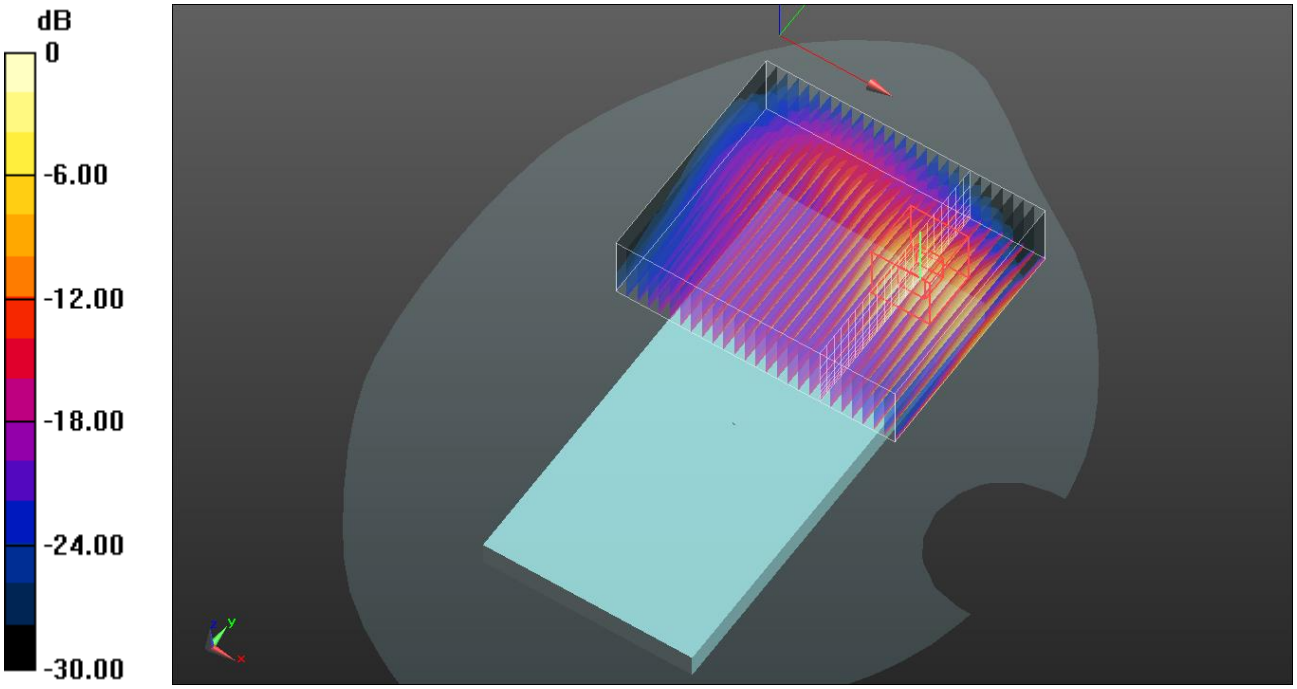
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/0 ch.20175/Volume Scan:

Date/Time: 11/4/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.309 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.502 W/kg
Maximum value of SAR (interpolated) = 4.51 W/kg



0 dB = 4.51 W/kg = 6.54 dBW/kg

UNII MIMO + DTS Ant 2 + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant2 /Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

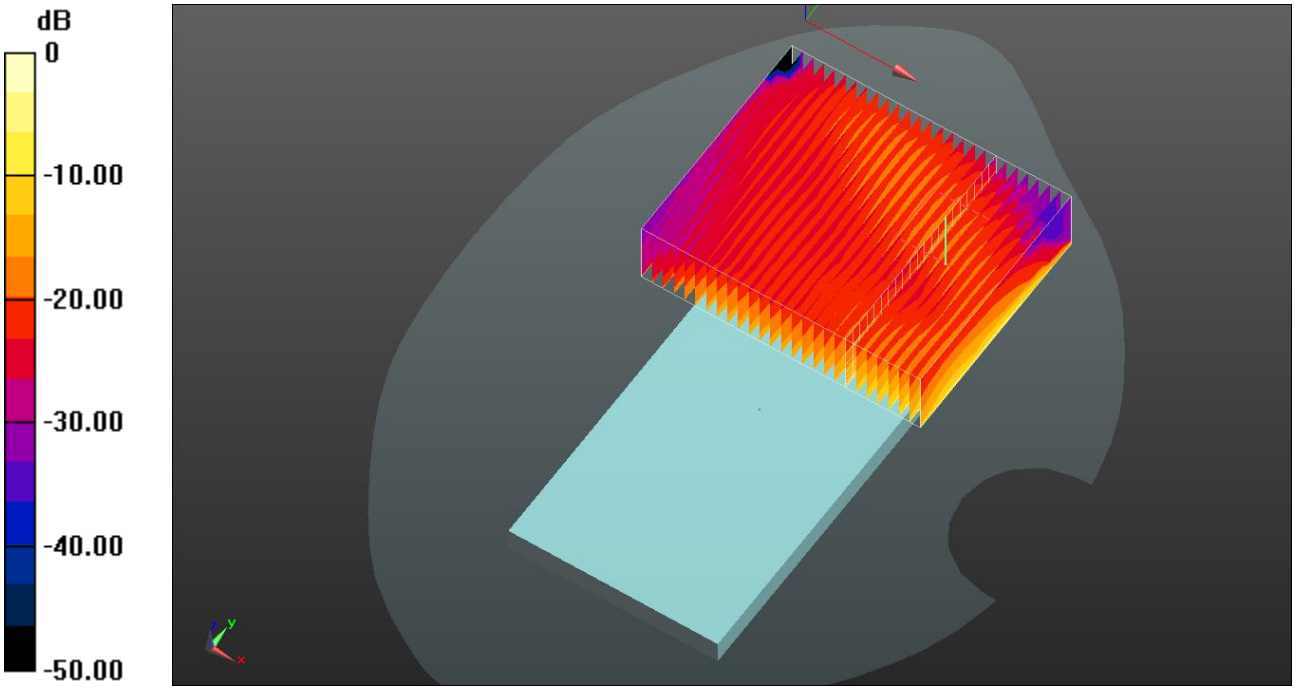
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/0 ch.20175/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.309 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.515 W/kg
Maximum value of SAR (interpolated) = 4.59 W/kg



0 dB = 4.59 W/kg = 6.62 dBW/kg

UNII MIMO + DTS MIMO + LTE Band 4

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 g mode ch.6 MIMO/Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

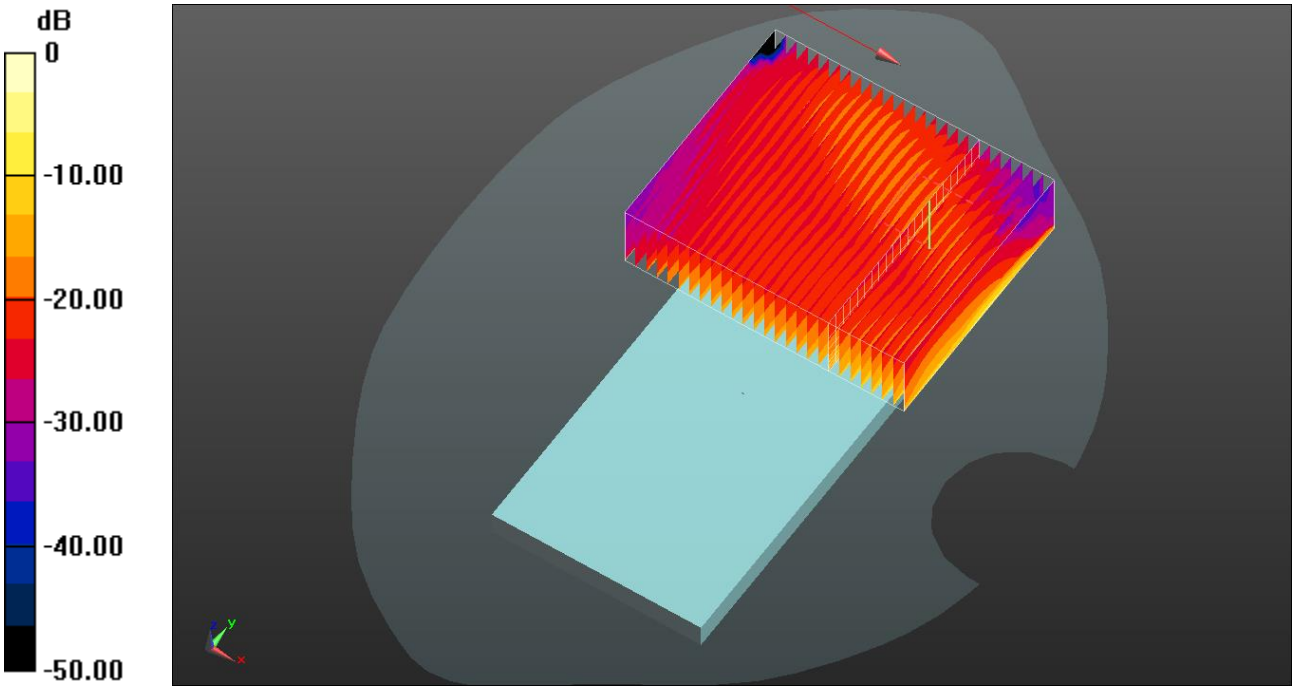
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/0 ch.20175/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1750 Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.309 S/m; ε_r = 40.65; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.5 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (interpolated) = 4.58 W/kg



0 dB = 4.58 W/kg = 6.61 dBW/kg

UNII MIMO + Bluetooth Ant 1 + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

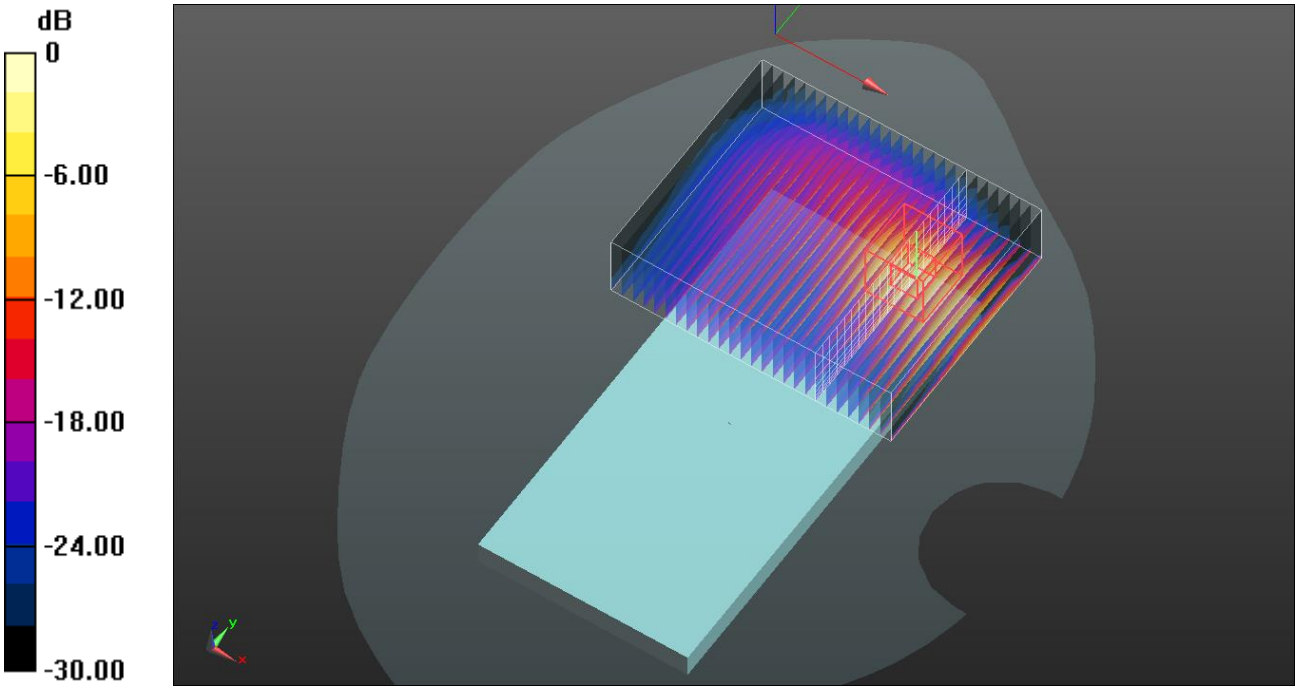
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/99 ch.18700/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 40.462; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1860 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (interpolated) = 4.55 W/kg



0 dB = 4.55 W/kg = 6.58 dBW/kg

UNII MIMO + Bluetooth Ant 2 + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

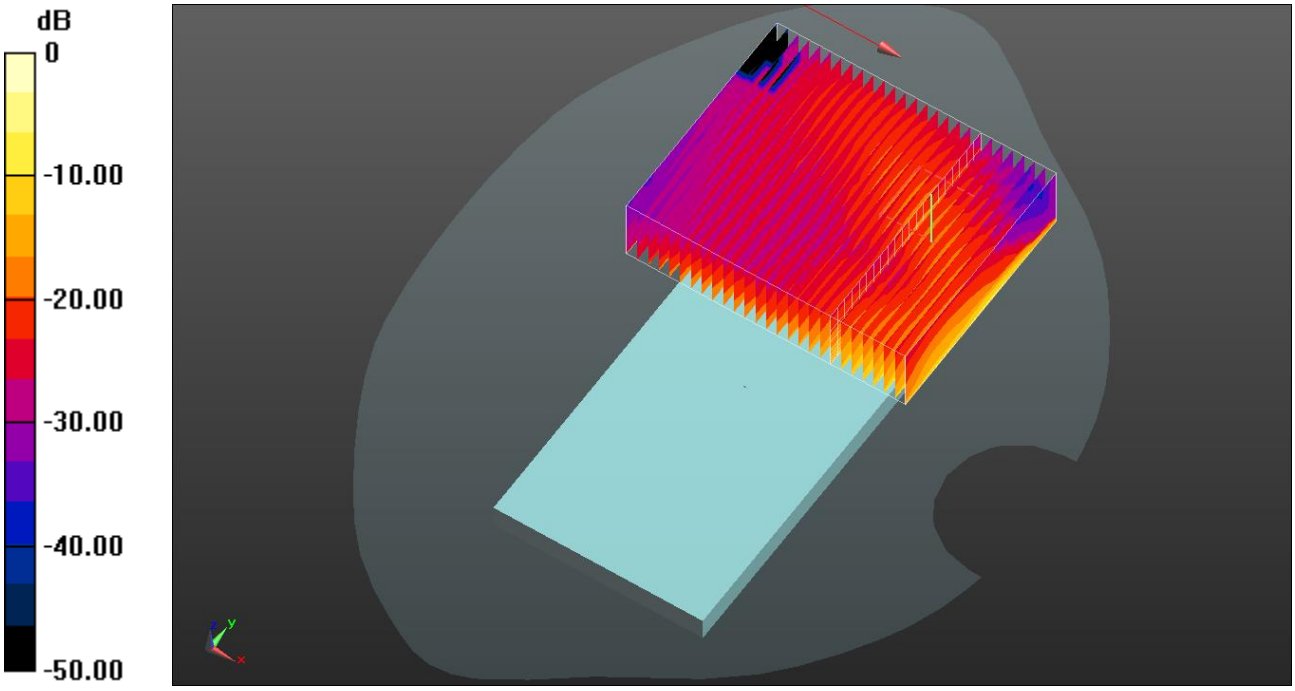
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/99 ch.18700/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 40.462; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1860 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.507 W/kg
Maximum value of SAR (interpolated) = 4.59 W/kg



0 dB = 4.59 W/kg = 6.62 dBW/kg

UNII MIMO + Bluetooth MIMO + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/ Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 2021-10-27, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used: f = 2480 MHz; σ = 1.772 S/m; ε_r = 38.339; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

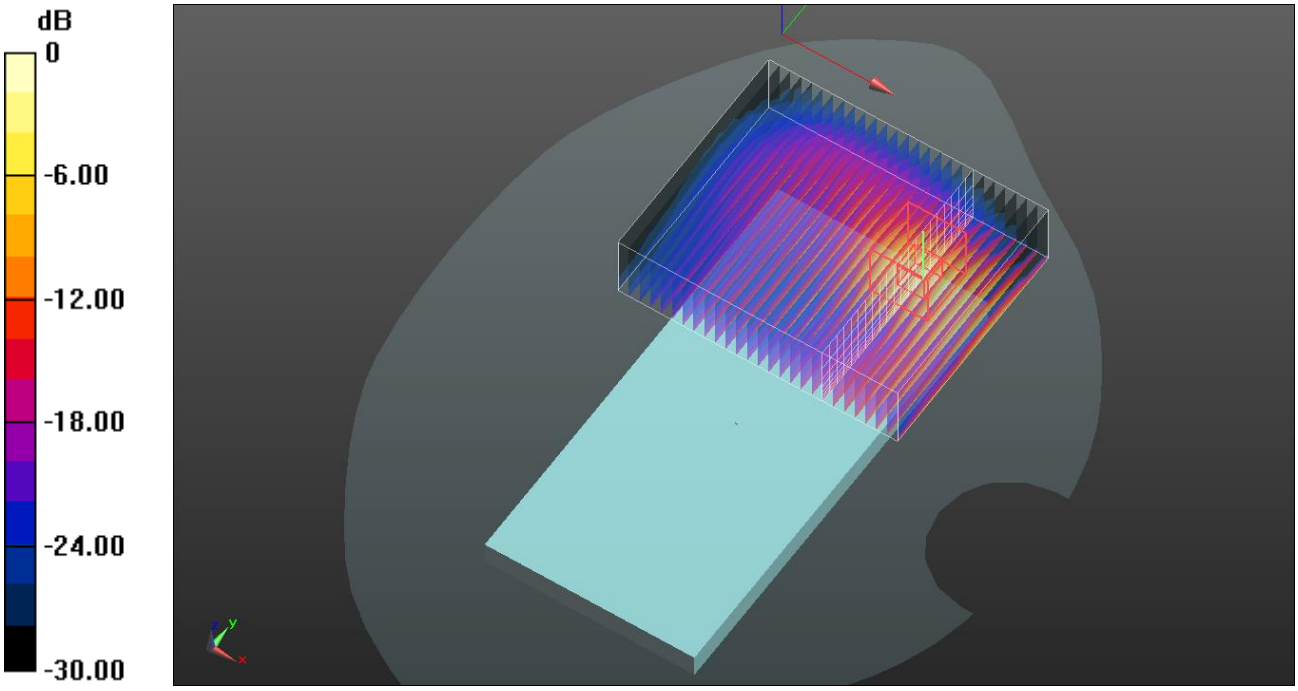
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2480 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/99 ch.18700/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 40.462; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1860 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.471 W/kg
Maximum value of SAR (interpolated) = 4.53 W/kg



0 dB = 4.53 W/kg = 6.56 dBW/kg

UNII MIMO + DTS Ant 1 + LTE Band2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant1 /Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

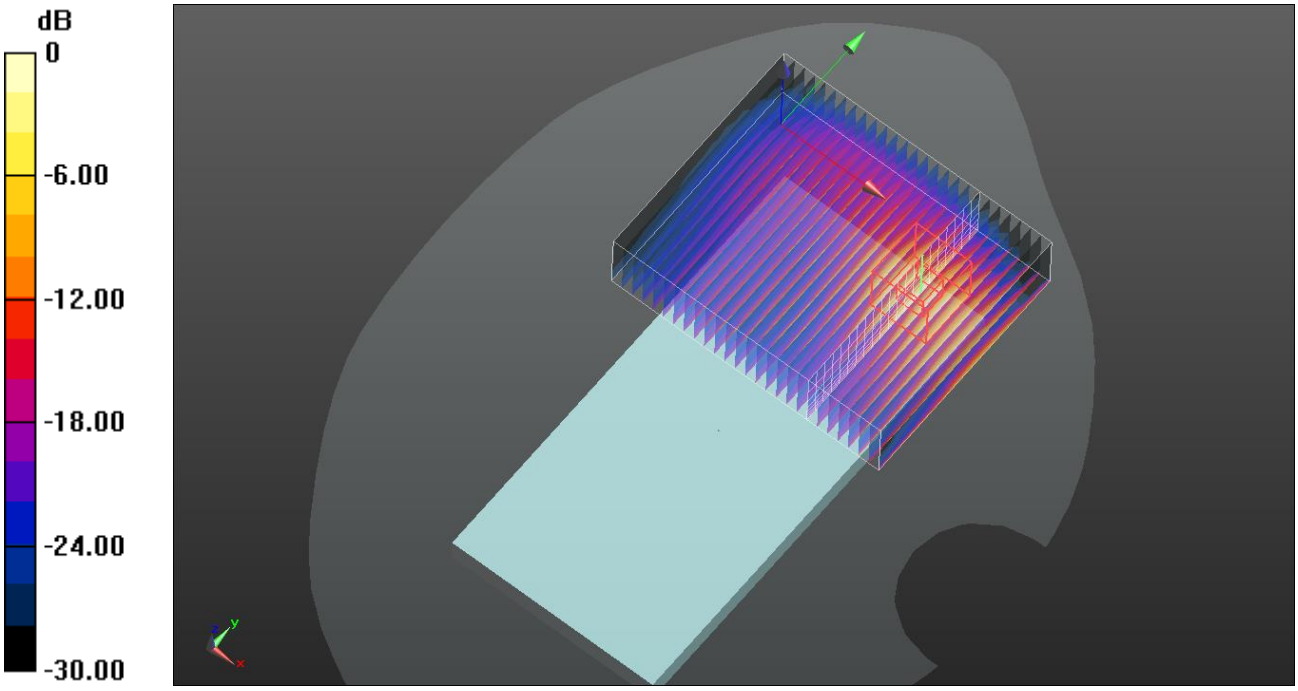
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/99 ch.18700/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 40.462; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1860 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (interpolated) = 4.51 W/kg



0 dB = 4.51 W/kg = 6.54 dBW/kg

UNII MIMO + DTS Ant 2 + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant2/Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

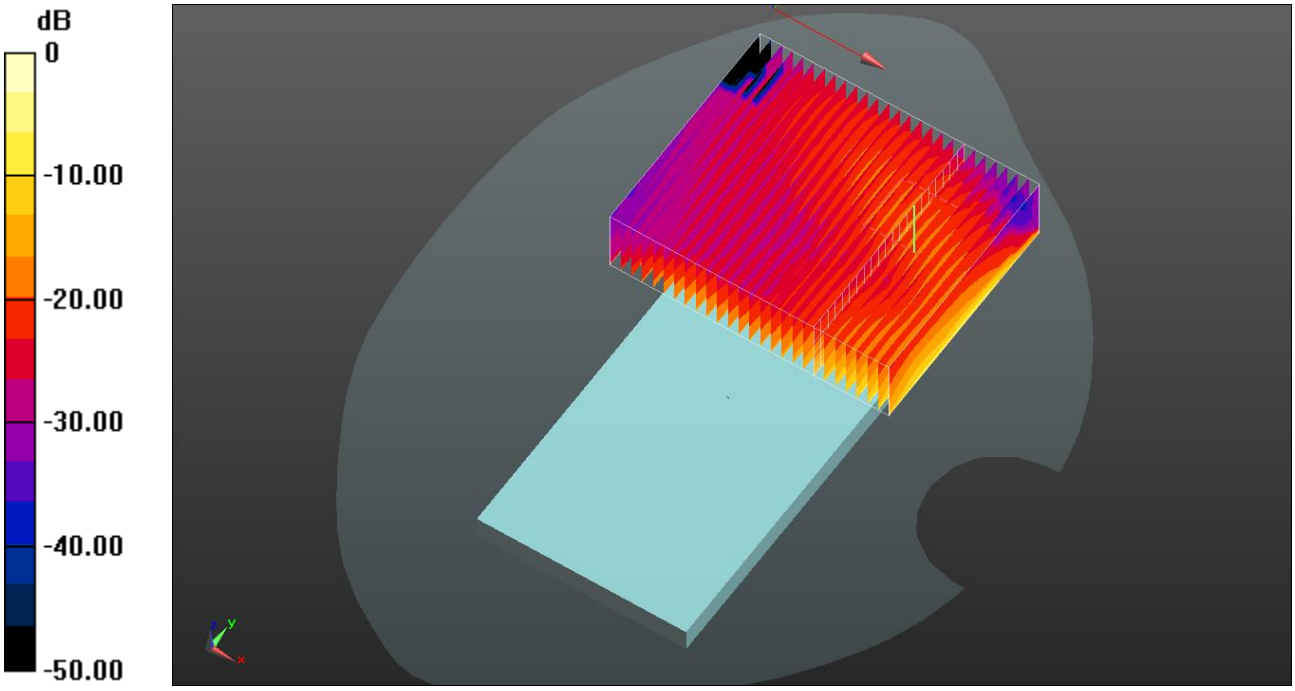
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/99 ch.18700/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 40.462; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1860 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.4 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (interpolated) = 4.59 W/kg



0 dB = 4.59 W/kg = 6.62 dBW/kg

UNII MIMO + DTS MIMO + LTE Band 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 g mode ch.6 MIMO/Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

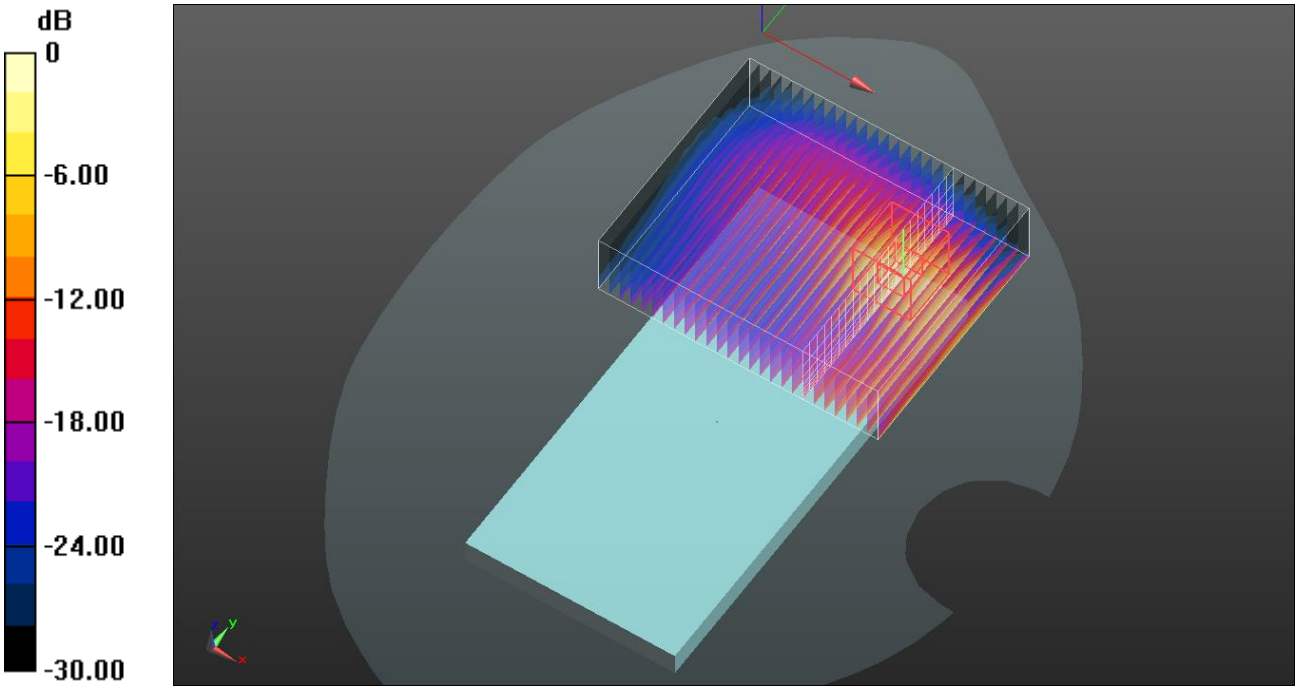
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/99 ch.18700/Volume Scan:

Date/Time: 2021-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used: f = 1860 MHz; σ = 1.39 S/m; ε_r = 40.462; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.9, 8.9, 8.9) @ 1860 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.507 W/kg
Maximum value of SAR (interpolated) = 4.58 W/kg



0 dB = 4.58 W/kg = 6.61 dBW/kg

UNII MIMO + DTS Ant 1 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/53 ch.354000/Volume Scan:

Date/Time: 12/16/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

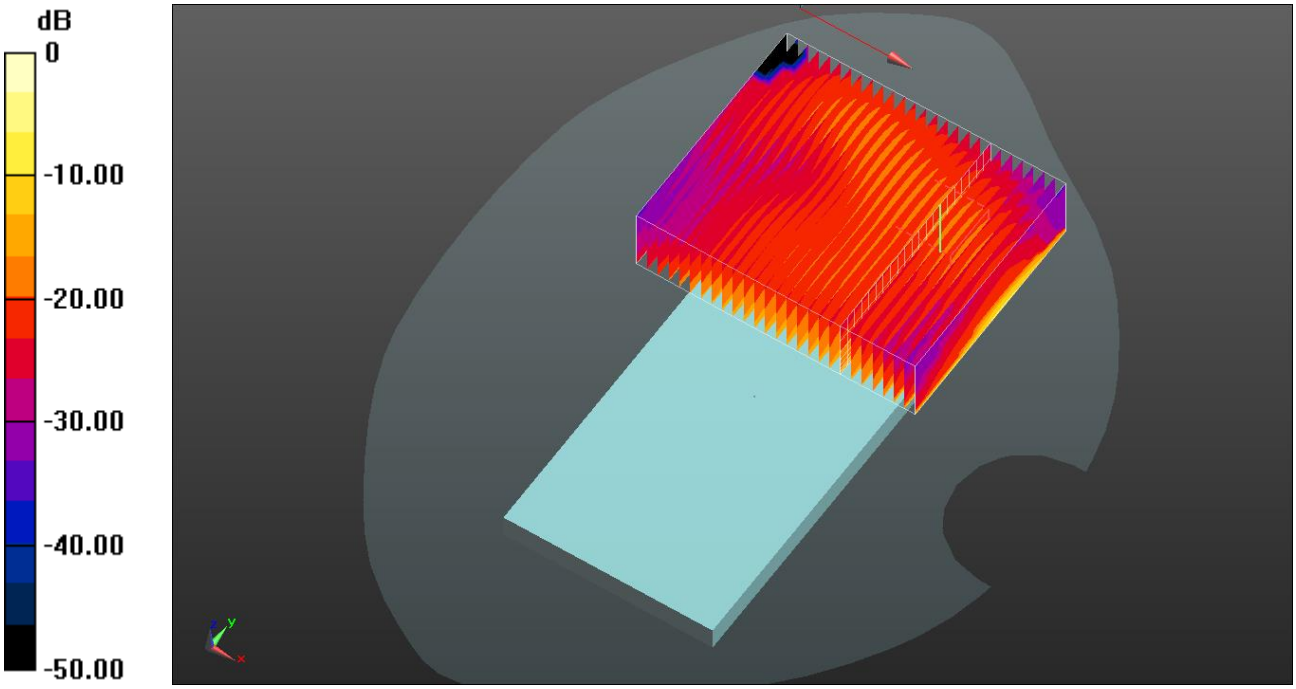
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant 1/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.520 W/kg
Maximum value of SAR (interpolated) = 4.55 W/kg



0 dB = 4.55 W/kg = 6.58 dBW/kg

UNII MIMO + DTS Ant 2 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/53 ch.354000/Volume Scan:

Date/Time: 12/16/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

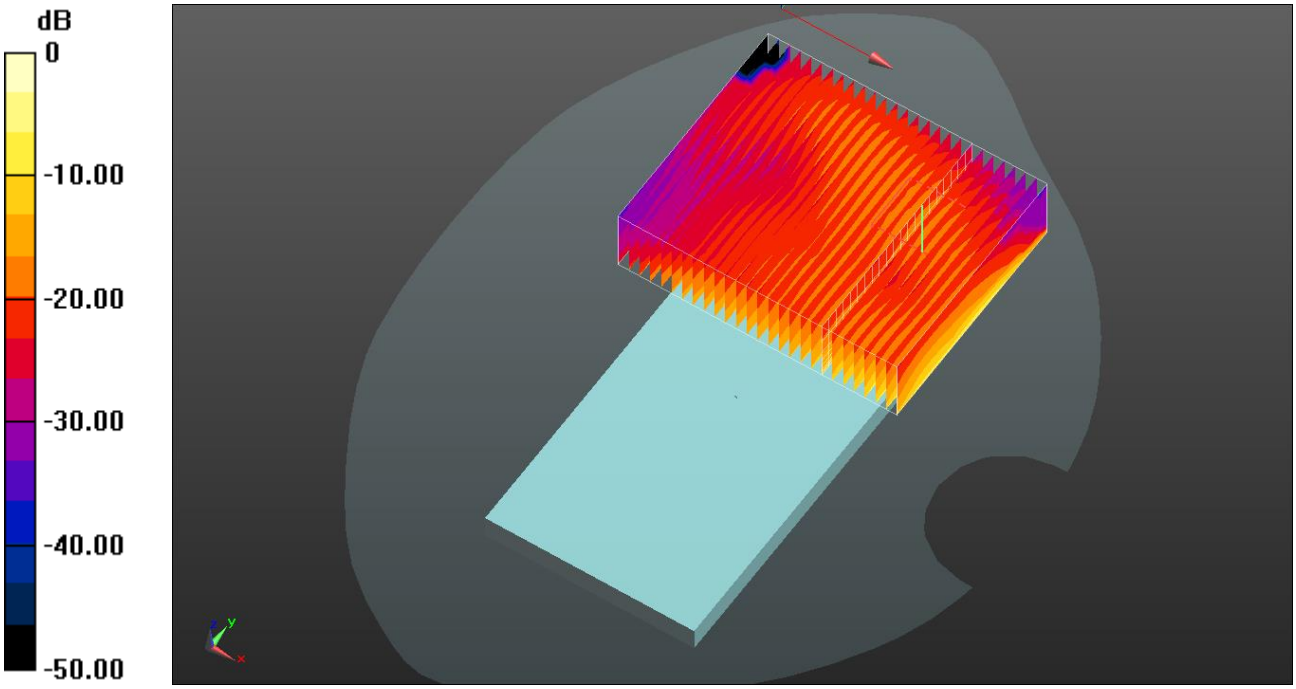
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 b mode ch.6 SISO Ant 2/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.533 W/kg
Maximum value of SAR (interpolated) = 4.63 W/kg



0 dB = 4.63 W/kg = 6.66 dBW/kg

UNII MIMO + DTS MIMO + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/53 ch.354000/Volume Scan:

Date/Time: 12/16/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

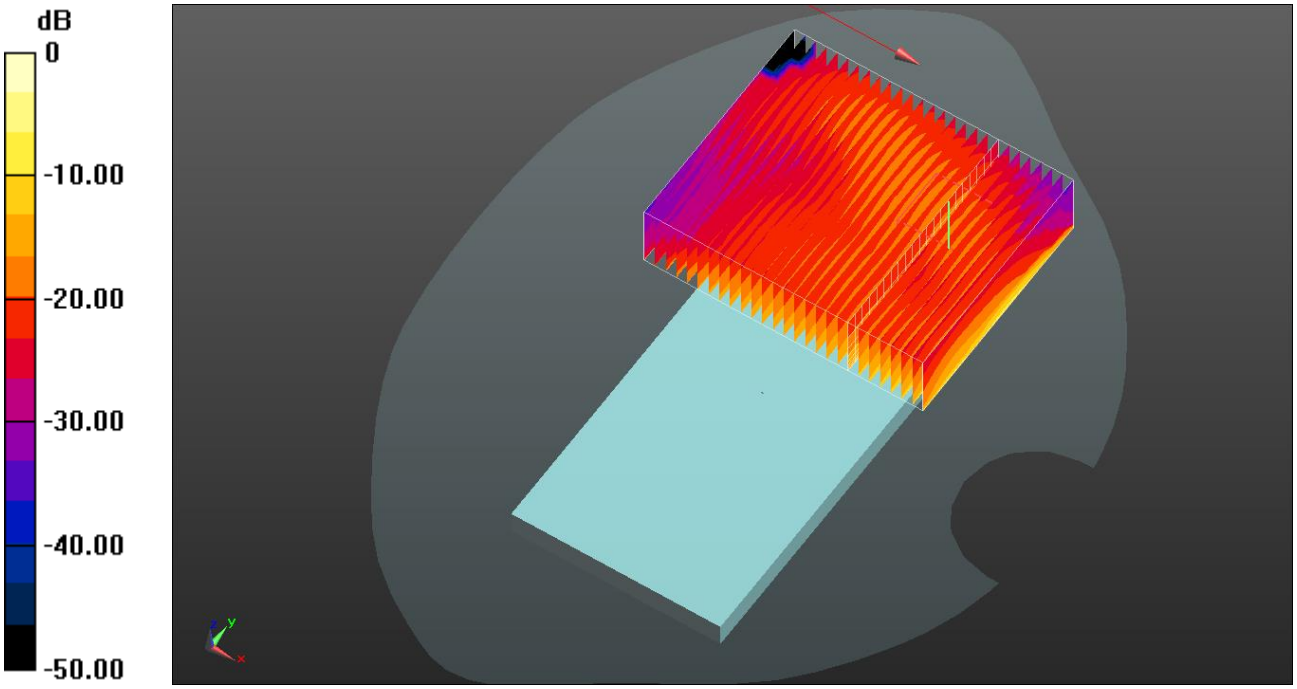
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/802.11 g mode MIMO ch.6/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 2450 Medium parameters used (interpolated): f = 2437 MHz; σ = 1.745 S/m; ε_r = 38.417; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2437 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.529 W/kg
Maximum value of SAR (interpolated) = 4.62 W/kg



0 dB = 4.62 W/kg = 6.65 dBW/kg

UNII MIMO + Bluetooth Ant1 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 1/Volume Scan:

Date/Time: 2021-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

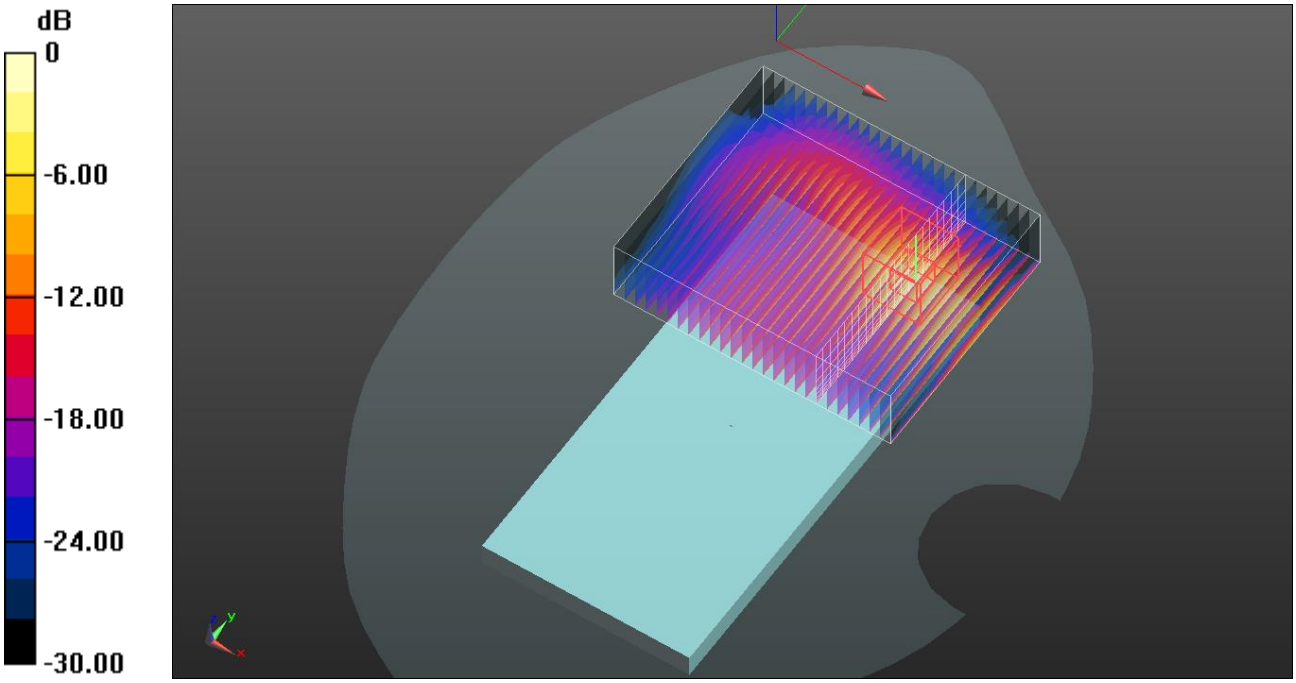
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/53 ch.354000/Volume Scan:

Date/Time: 2021-12-16, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (interpolated) = 4.59 W/kg



0 dB = 4.59 W/kg = 6.62 dBW/kg

UNII MIMO + Bluetooth Ant 2 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 12/15/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/53 ch.354000/Volume Scan:

Date/Time: 12/16/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

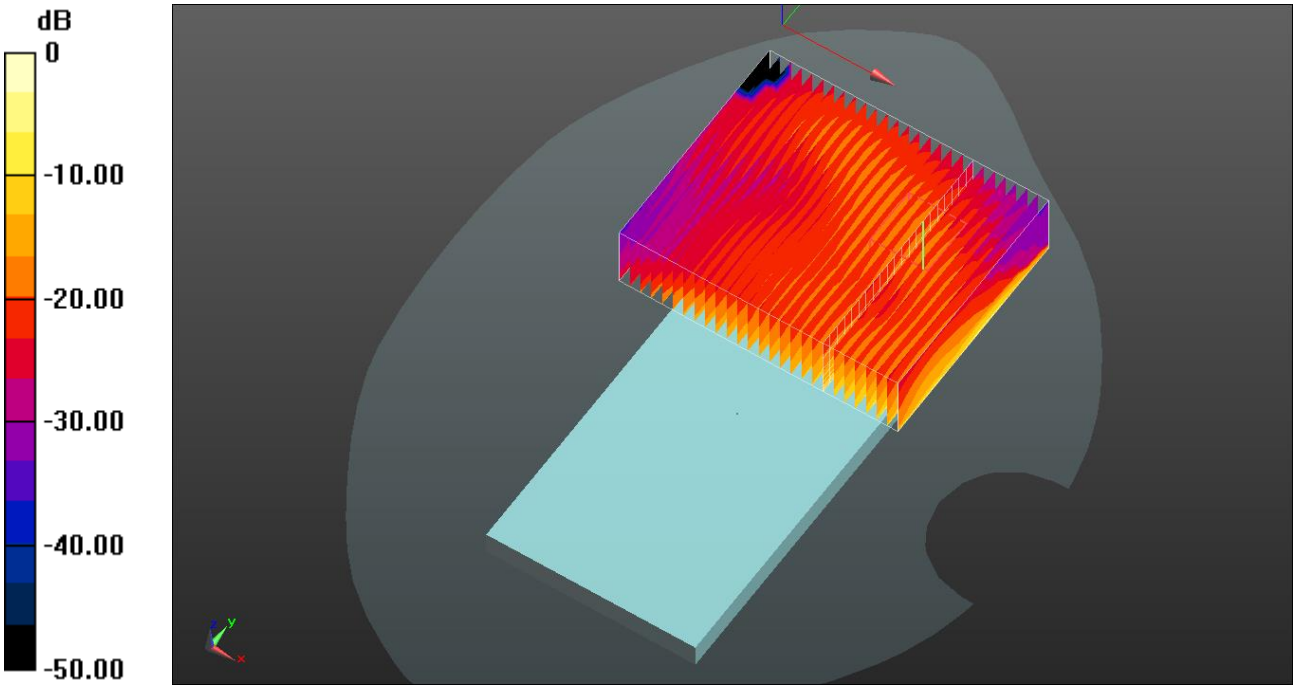
- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 10/28/2021, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used (interpolated): f = 2441 MHz; σ = 1.747 S/m; ε_r = 38.411; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2441 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 9/27/2021
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (interpolated) = 4.63 W/kg



0 dB = 4.63 W/kg = 6.66 dBW/kg

UNII MIMO + Bluetooth MIMO + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2021-12-15, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used: f = 5745 MHz; σ = 5.179 S/m; ε_r = 34.542; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(4.9, 4.9, 4.9) @ 5745 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/Bluetooth GFSK ch.78 MIMO/Volume Scan:

Date/Time: 2021-10-27, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2480 MHz; Duty Cycle: 1:1.29033; PMF: 1
Medium: HSL 3-6GHz Medium parameters used: f = 2480 MHz; σ = 1.772 S/m; ε_r = 38.339; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

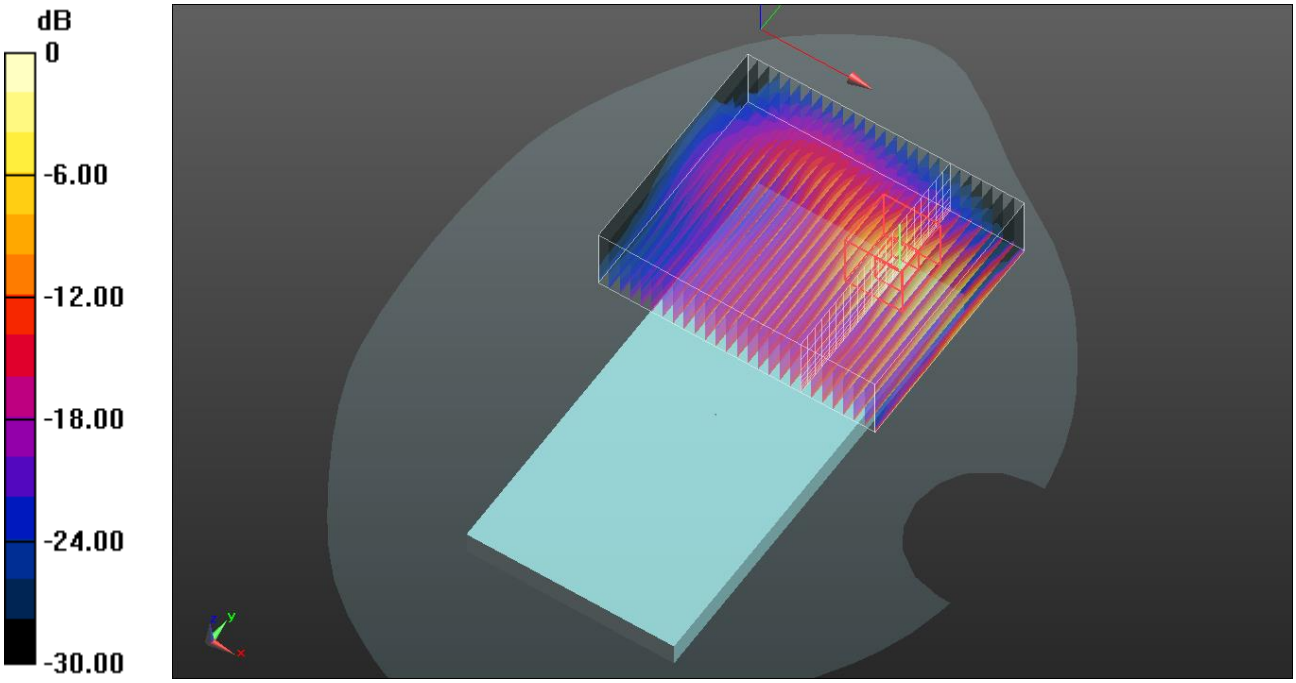
- Probe: EX3DV4 - SN7645; ConvF(8.26, 8.26, 8.26) @ 2480 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume/QPSK RB 1/53 ch.354000/Volume Scan:

Date/Time: 2021-12-16, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL1750 Medium parameters used: f = 1770 MHz; σ = 1.378 S/m; ε_r = 40.185; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1770 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.495 W/kg
Maximum value of SAR (interpolated) = 4.57 W/kg



0 dB = 4.57 W/kg = 6.60 dBW/kg

LTE Band 26(5) + Band 66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume Scan/QPSK RB 1/37 Ch.26865/Volume Scan:

Date/Time: 2021-11-03 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 835 Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.894 S/m; ε_r = 41.947; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

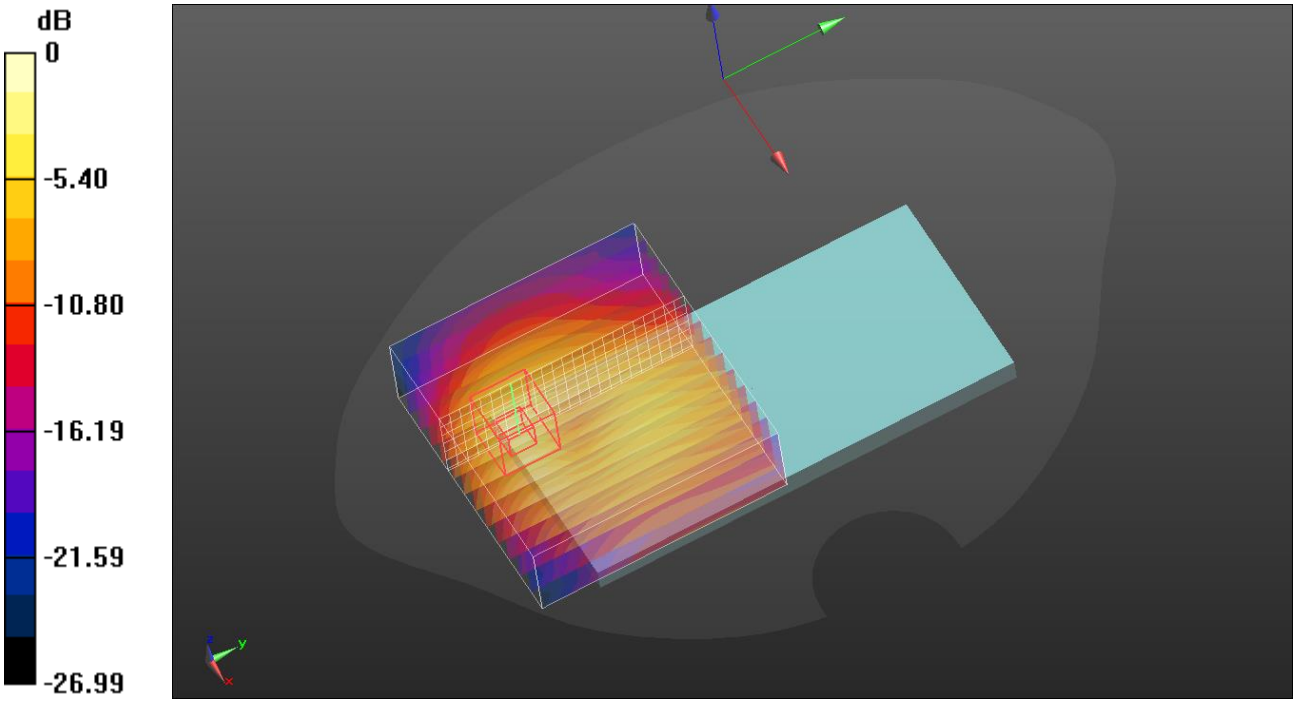
- Probe: EX3DV4 - SN7645; ConvF(10.56, 10.56, 10.56) @ 831.5 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume Scan/QPSK RB 50/0 Ch.132072/Volume Scan:

Date/Time: 2021-10-28 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1720 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1700 Medium parameters used: f = 1720 MHz; σ = 1.329 S/m; ε_r = 39.327; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1720 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1468; Calibrated: 2021-09-27
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.442 W/kg
Maximum value of SAR (interpolated) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

LTE Band 25(2) + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/QPSK RB 100/0 Ch.26590/Volume Scan:

Date/Time: 10/28/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1905 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1900 Medium parameters used: f = 1905 MHz; σ = 1.44 S/m; ε_r = 38.849; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

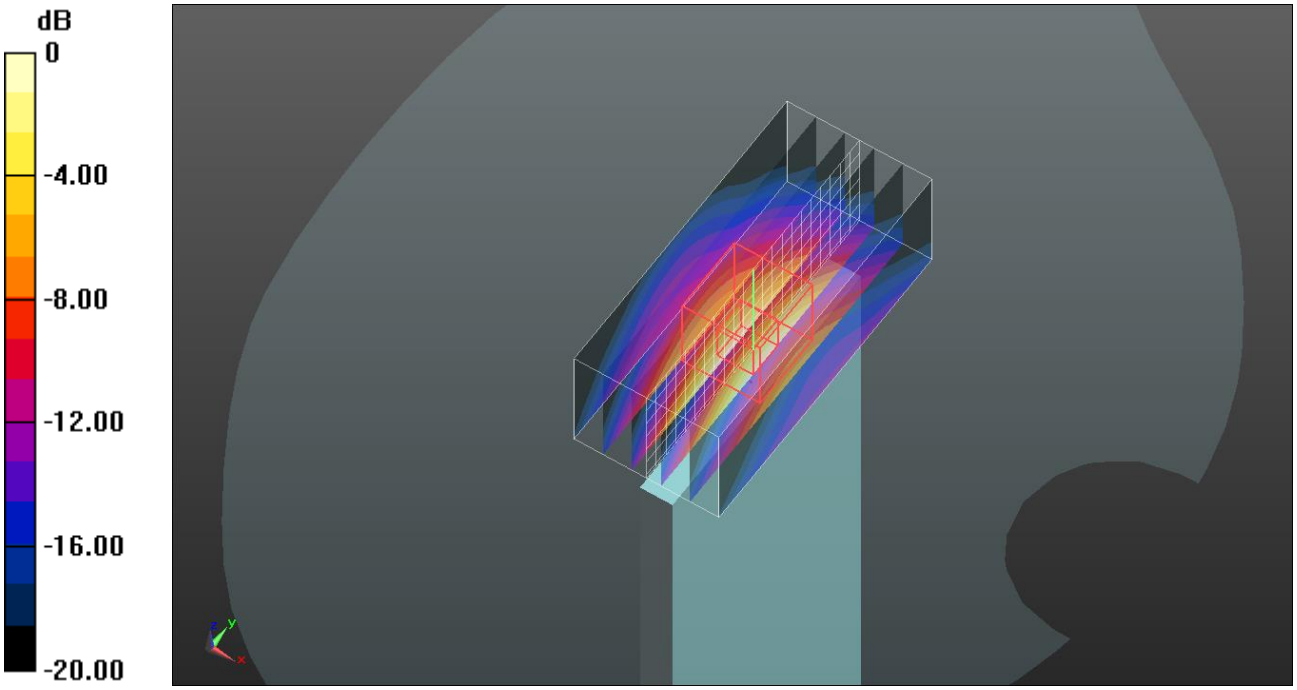
- Probe: EX3DV4 - SN7314; ConvF(8.06, 8.06, 8.06) @ 1905 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 50/25 Ch.167300/Volume Scan:

Date/Time: 10/31/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL850 Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.932 S/m; ε_r = 41.88; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(9.43, 9.43, 9.43) @ 836.5 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.690 W/kg
Maximum value of SAR (interpolated) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

LTE Band 66 + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/QPSK RB 1/49 Ch.132572/Volume Scan:

Date/Time: 10/28/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1700 Medium parameters used: f = 1770 MHz; σ = 1.371 S/m; ε_r = 38.938; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

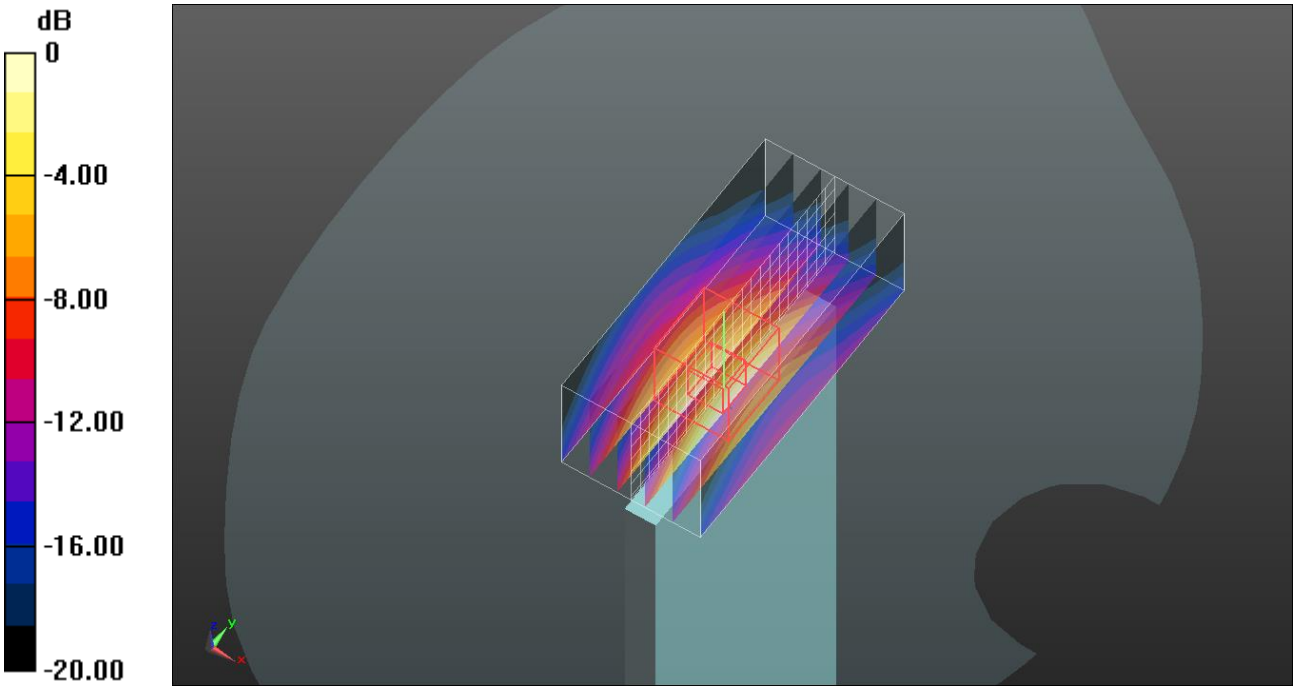
- Probe: EX3DV4 - SN7314; ConvF(8.34, 8.34, 8.34) @ 1770 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 50/25 Ch.167300/Volume Scan:

Date/Time: 10/31/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL850 Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.932 S/m; ε_r = 41.88; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(9.43, 9.43, 9.43) @ 836.5 MHz; Calibrated: 5/31/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.659 W/kg
Maximum value of SAR (interpolated) = 2.10 W/kg



0 dB = 2.10 W/kg = 3.22 dBW/kg

LTE Band 12 + Band 66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/QPSK RB 1/25 Ch.23095/Volume Scan:

Date/Time: 2021-11-04 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 750 Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.855 S/m; εr = 40.865; ρ = 1000 kg/m3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

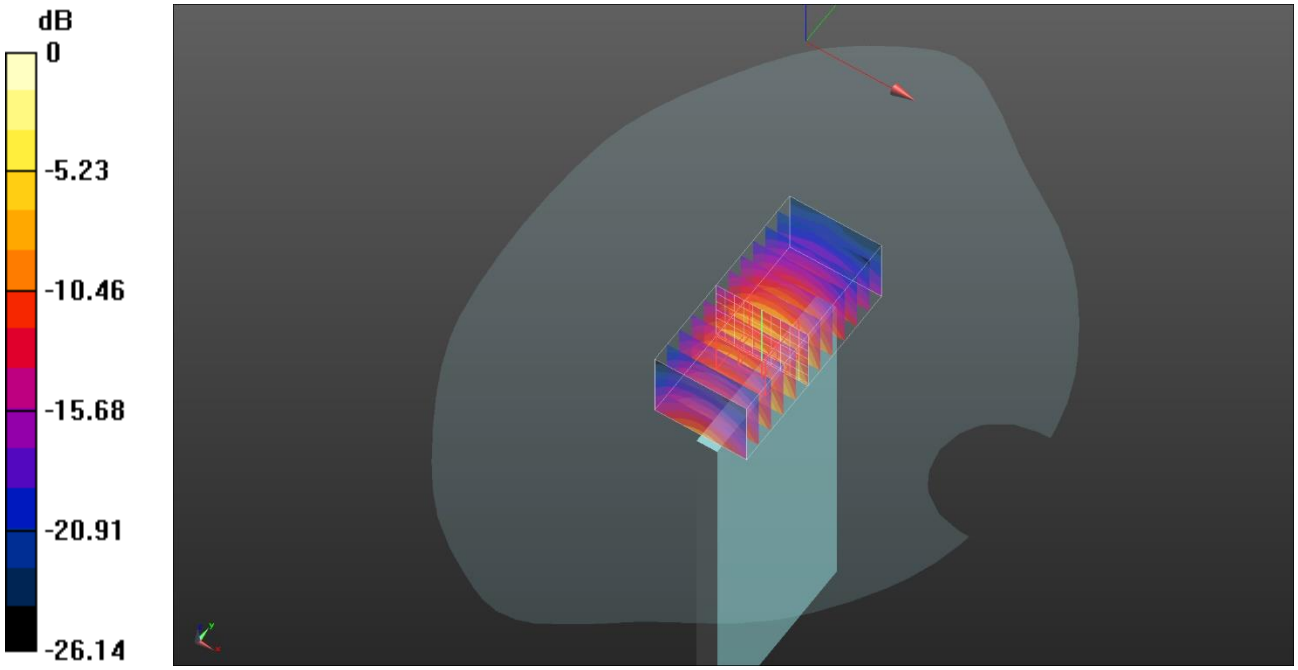
- Probe: EX3DV4 - SN7314; ConvF(9.6, 9.6, 9.6) @ 707.5 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/49 Ch.132572/Volume Scan:

Date/Time: 2021-10-28 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1700 Medium parameters used: f = 1770 MHz; σ = 1.371 S/m; ε_r = 38.938; ρ = 1000 kg/m^3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(8.34, 8.34, 8.34) @ 1770 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.549 W/kg
Maximum value of SAR (interpolated) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

LTE Band 26(5) + LTE Band 66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Volume scan/QPSK RB 1/37 Ch.26865/Volume Scan:

Date/Time: 2021-11-04 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 835 Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.895 S/m; εr = 40.45; ρ = 1000 kg/m3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

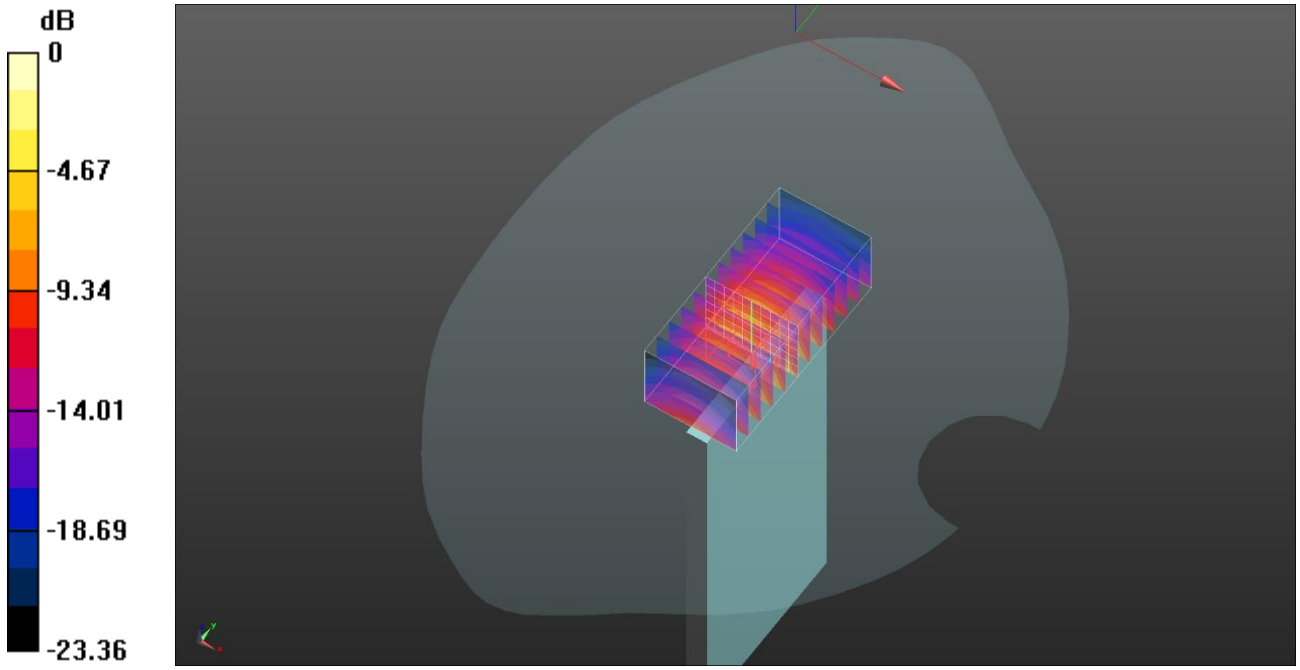
- Probe: EX3DV4 - SN7314; ConvF(9.43, 9.43, 9.43) @ 831.5 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Volume scan/QPSK RB 1/49 Ch.132572/Volume Scan:

Date/Time: 2021-10-28 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL1700 Medium parameters used: f = 1770 MHz; σ = 1.371 S/m; εr = 38.938; ρ = 1000 kg/m3
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(8.34, 8.34, 8.34) @ 1770 MHz; Calibrated: 2021-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.643 W/kg
Maximum value of SAR (interpolated) = 2.02 W/kg



0 dB = 2.02 W/kg = 3.05 dBW/kg