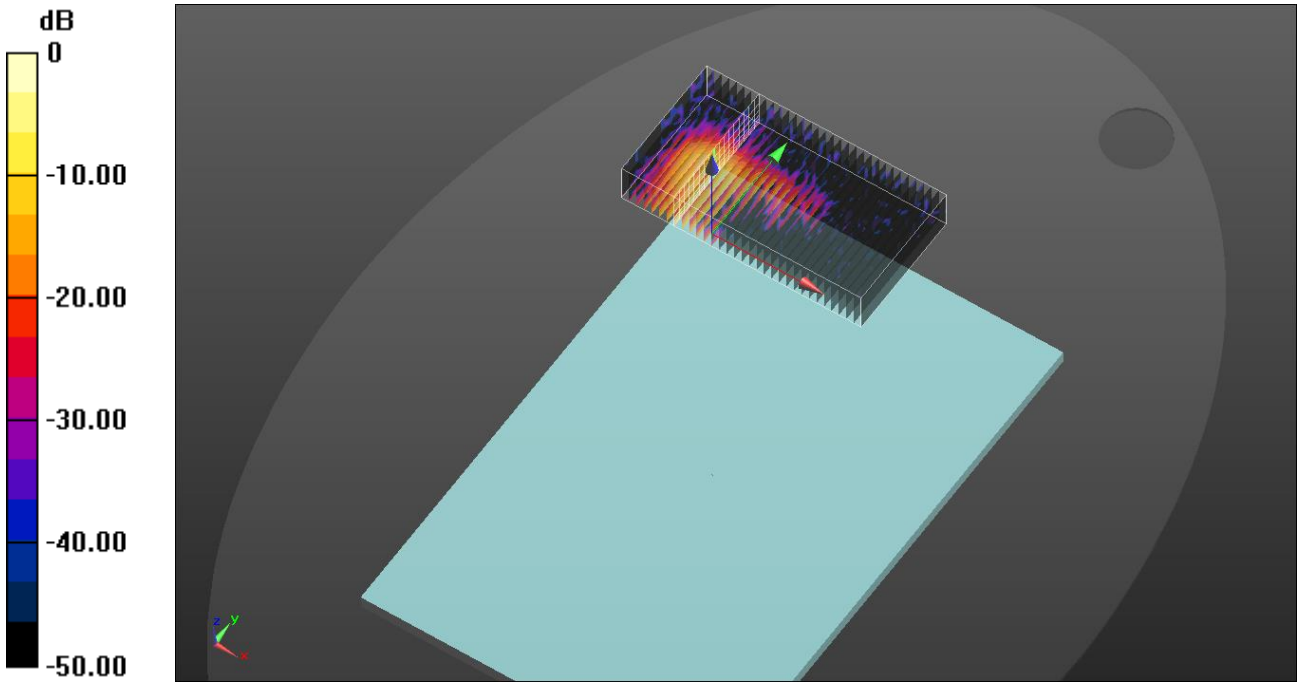
UNII Ant 1

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 5290 MHz; σ = 4.773 S/m; ε_r = 35.43; 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 Sn1494; Calibrated: 2020-07-23
- Probe: EX3DV4 - SN3871; ConvF(5.25, 5.25, 5.25) @ 5290 MHz; Calibrated: 2020-08-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Rear/802.11ac 80 mode ch 58 /Volume Scan (33x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.34 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.95 W/kg
SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.201 W/kg
Total Absorbed Power = 0.00320 W
Maximum value of SAR (measured) = 2.17 W/kg



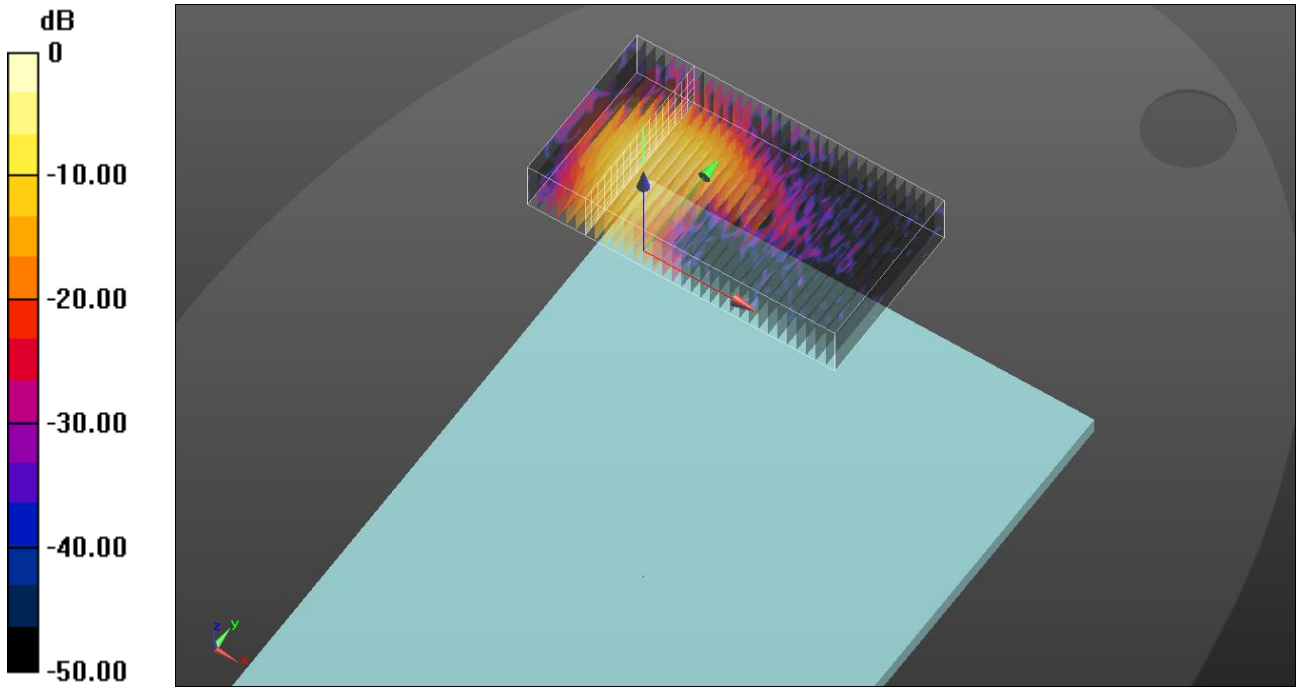
0 dB = 2.17 W/kg = 3.36 dBW/kg

Bluetooth

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 = 1.769 S/m; ε_r = 40.252; 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 Sn1494; Calibrated: 7/23/2020
- Probe: EX3DV4 - SN3871; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Rear/Bluetooth GFSK_ch39 /Volume Scan (33x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.65 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.075 W/kg
Total Absorbed Power = 0.00169 W
Maximum value of SAR (measured) = 0.405 W/kg



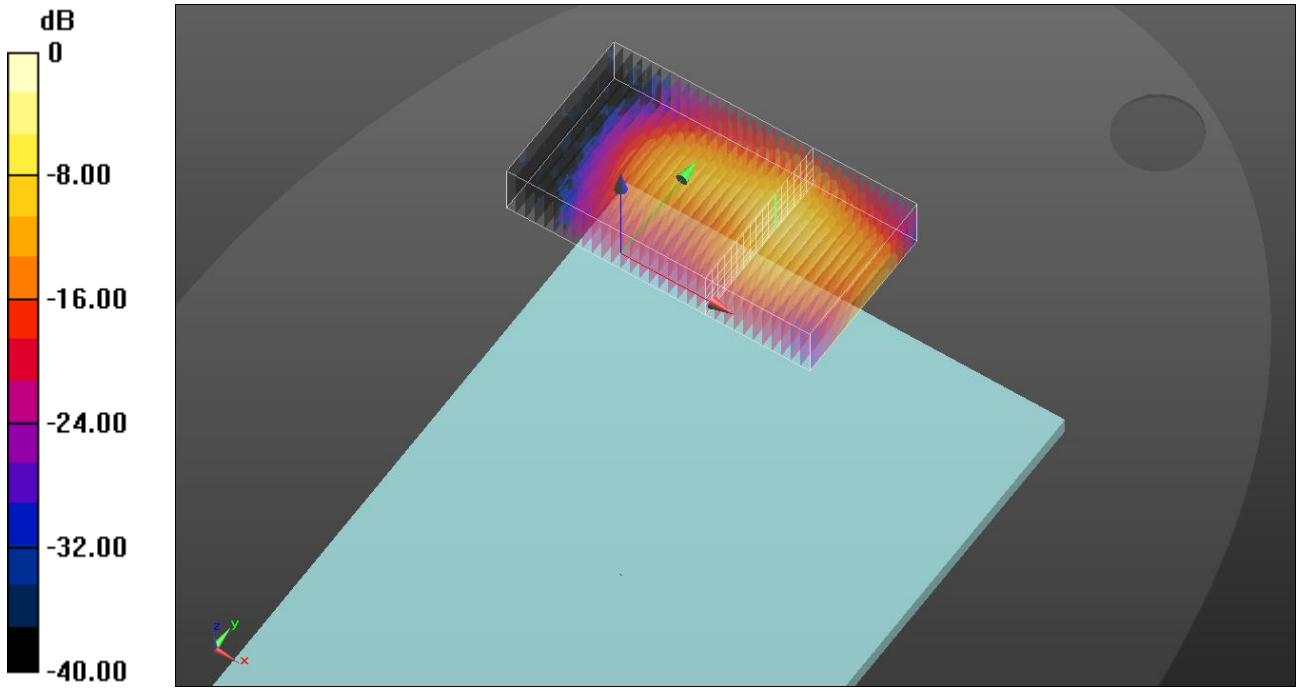
0 dB = 0.405 W/kg = -3.93 dBW/kg

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 = 1.421 S/m; ε_r = 39.184; 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 Sn1494; Calibrated: 7/23/2020
- Probe: EX3DV4 - SN3871; ConvF(8.33, 8.33, 8.33) @ 1880 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Rear/QPSK ch.18900 RB 1/49/Volume Scan (33x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.22 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.171 W/kg
Total Absorbed Power = 0.00691 W
Maximum value of SAR (measured) = 0.749 W/kg



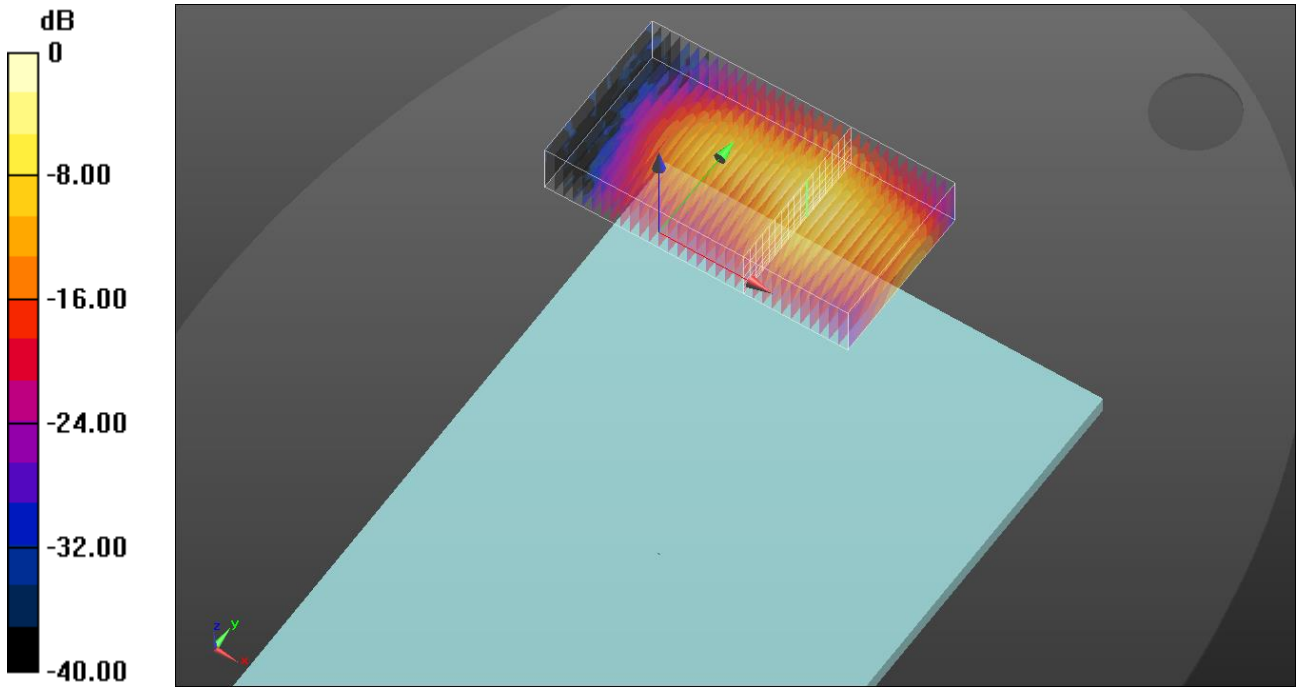
0 dB = 0.749 W/kg = -1.26 dBW/kg

LTE Band 25

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.423 S/m; ε_r = 39.177; 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 Sn1494; Calibrated: 7/23/2020
- Probe: EX3DV4 - SN3871; ConvF(8.33, 8.33, 8.33) @ 1882.5 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Rear/QPSK ch.26365 RB 1/49/Volume Scan (33x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.64 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.204 W/kg
Total Absorbed Power = 0.00823 W
Maximum value of SAR (measured) = 0.834 W/kg



0 dB = 0.834 W/kg = -0.79 dBW/kg

UNII Ant 1 + Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for Rear/Bluetooth GFSK_ch39 /Volume Scan:

Date/Time: 2021-04-08 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: HSL2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.769 S/m; ε_r = 40.252; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

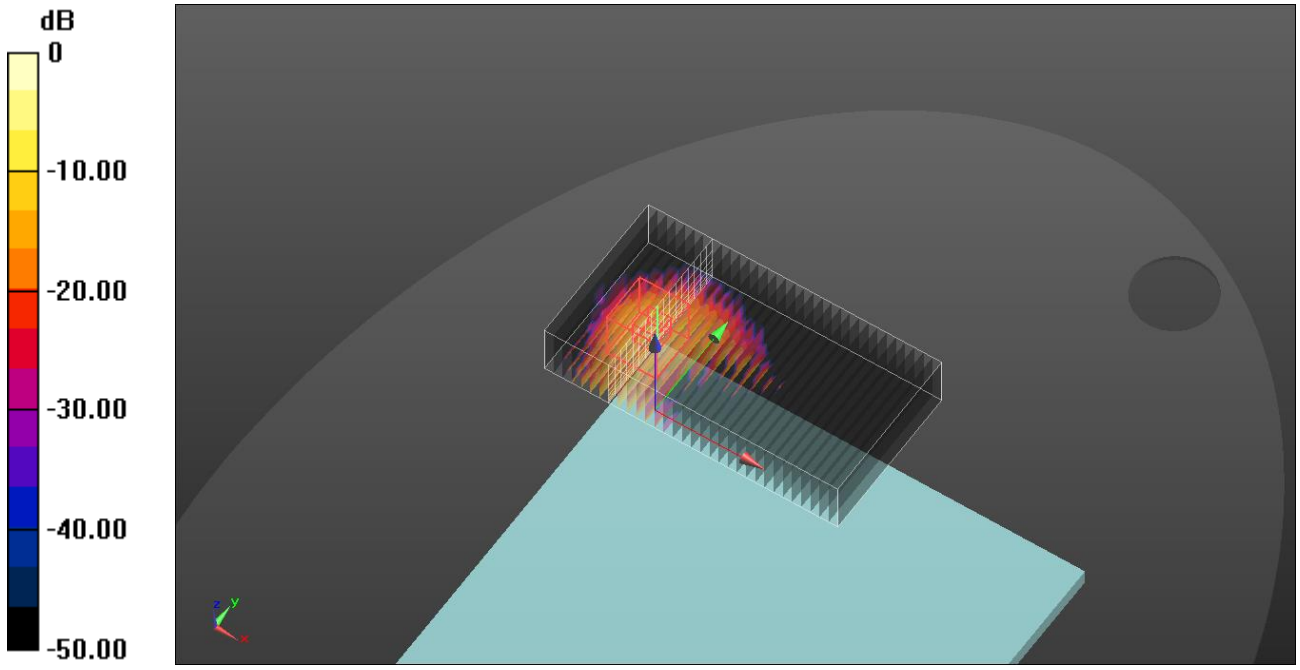
- Probe: EX3DV4 - SN3871; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 2020-08-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11ac 80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 2021-04-08 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5290 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used (interpolated): f = 5290 MHz; σ = 4.773 S/m; ε_r = 35.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(5.25, 5.25, 5.25) @ 5290 MHz; Calibrated: 2020-08-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (interpolated) = 4.90 W/kg



0 dB = 4.90 W/kg = 6.90 dBW/kg

LTE Band 2 + UNII Ant 1 +Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for Rear/QPSK ch.18900 RB 1/49/Volume Scan:

Date/Time: 4/21/2021 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 = 1.421 S/m; ε_r = 39.184; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(8.33, 8.33, 8.33) @ 1880 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11ac 80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 4/8/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5290 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used (interpolated): f = 5290 MHz; σ = 4.773 S/m; ε_r = 35.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

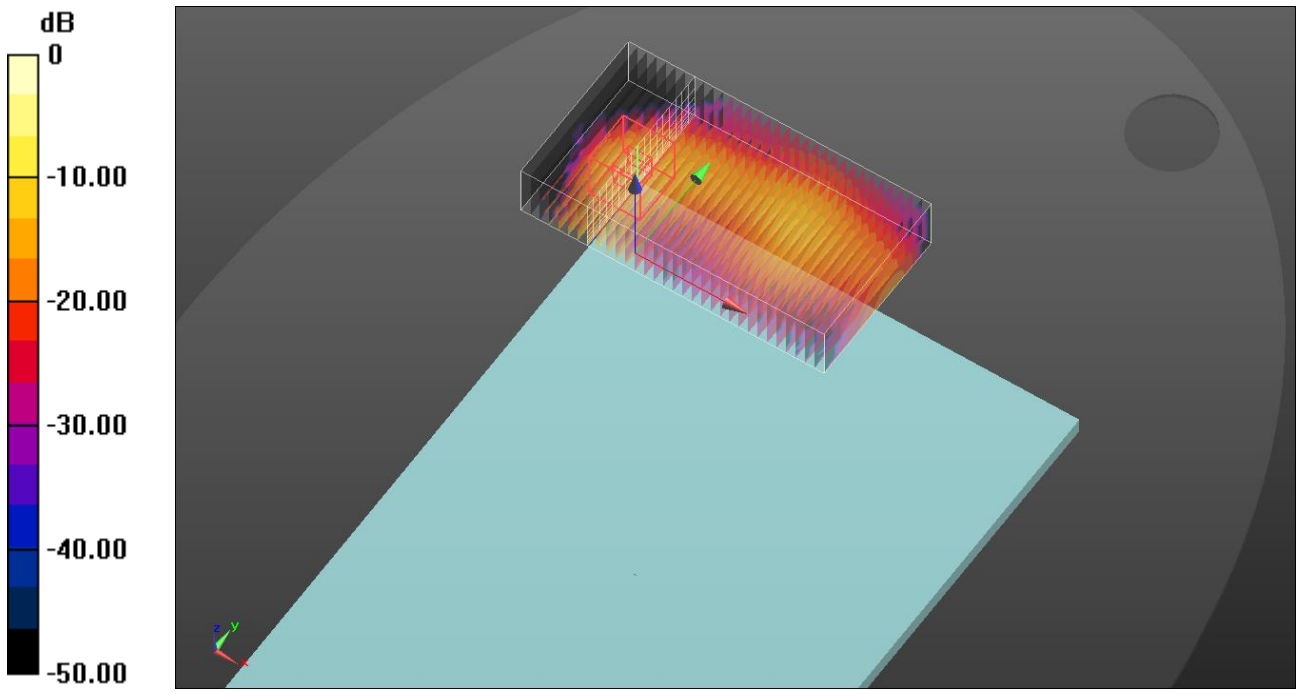
- Probe: EX3DV4 - SN3871; ConvF(5.25, 5.25, 5.25) @ 5290 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/Bluetooth GFSK_ch39 Ant.1/Volume Scan:

Date/Time: 4/8/2021 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: HSL2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.769 S/m; ε_r = 40.252; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (interpolated) = 5.04 W/kg



0 dB = 5.04 W/kg = 7.02 dBW/kg

LTE Band 25 + UNII Ant 1 +Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for Rear/QPSK ch.26365 RB 1/49/Volume Scan:

Date/Time: 4/21/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, LTE (FDD) (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 1900 Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.423 S/m; ε_r = 39.177; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(8.33, 8.33, 8.33) @ 1882.5 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11ac 80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 4/8/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5290 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used (interpolated): f = 5290 MHz; σ = 4.773 S/m; ε_r = 35.43; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

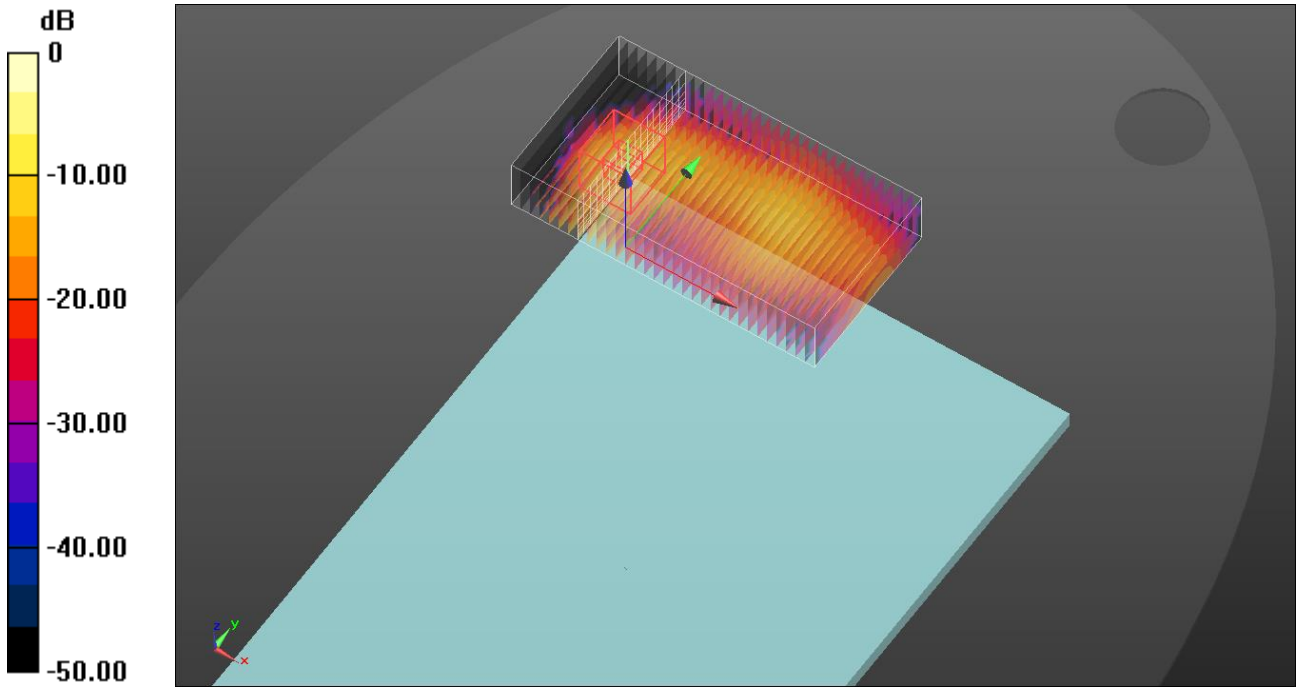
- Probe: EX3DV4 - SN3871; ConvF(5.25, 5.25, 5.25) @ 5290 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/Bluetooth GFSK_ch39 Ant.1/Volume Scan:

Date/Time: 4/8/2021 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: HSL2450 Medium parameters used (interpolated): f = 2441 MHz; σ = 1.769 S/m; ε_r = 40.252; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.394 W/kg
Maximum value of SAR (interpolated) = 5.07 W/kg



0 dB = 5.07 W/kg = 7.05 dBW/kg