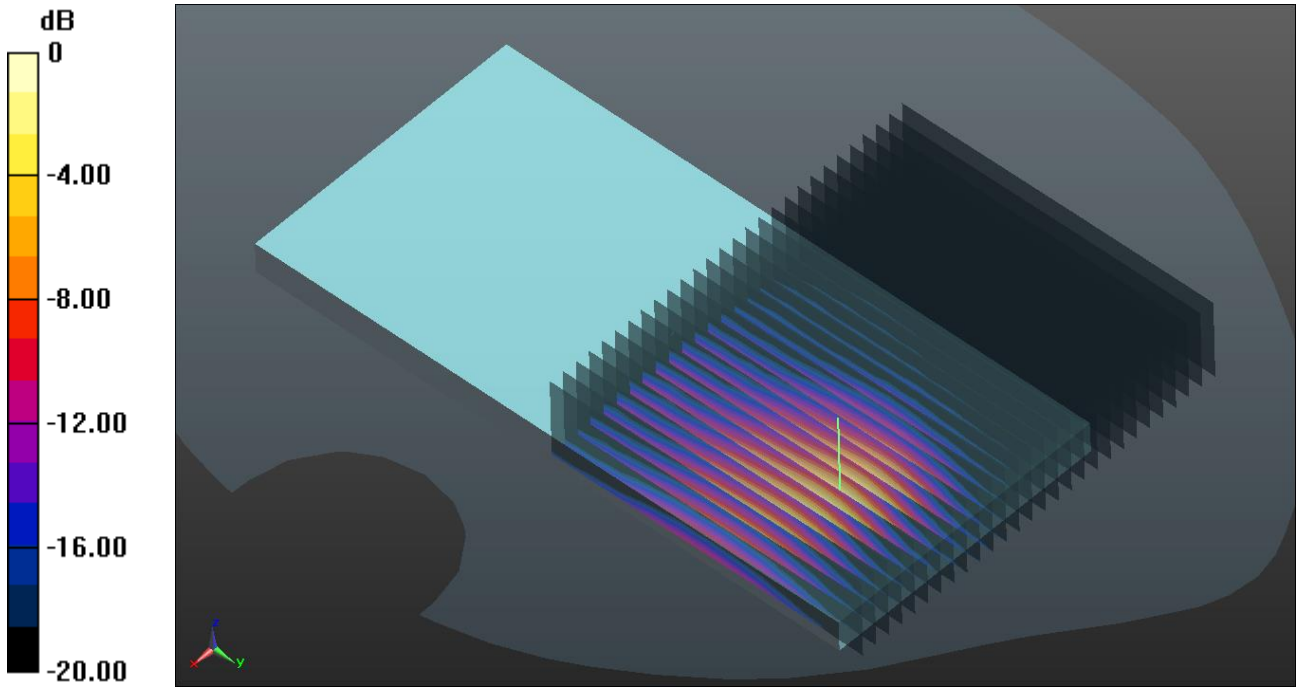
UNII Ant.1

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 5785 MHz; σ = 5.387 S/m; ε_r = 34.616; 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 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Back; Type: QD000P40CD; Serial: TP:1882

Rear/802.11a mode ch157 Ant.1 15mm/Volume Scan (23x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.532 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.177 W/kg
Total Absorbed Power = 0.00617 W
Maximum value of SAR (measured) = 1.12 W/kg

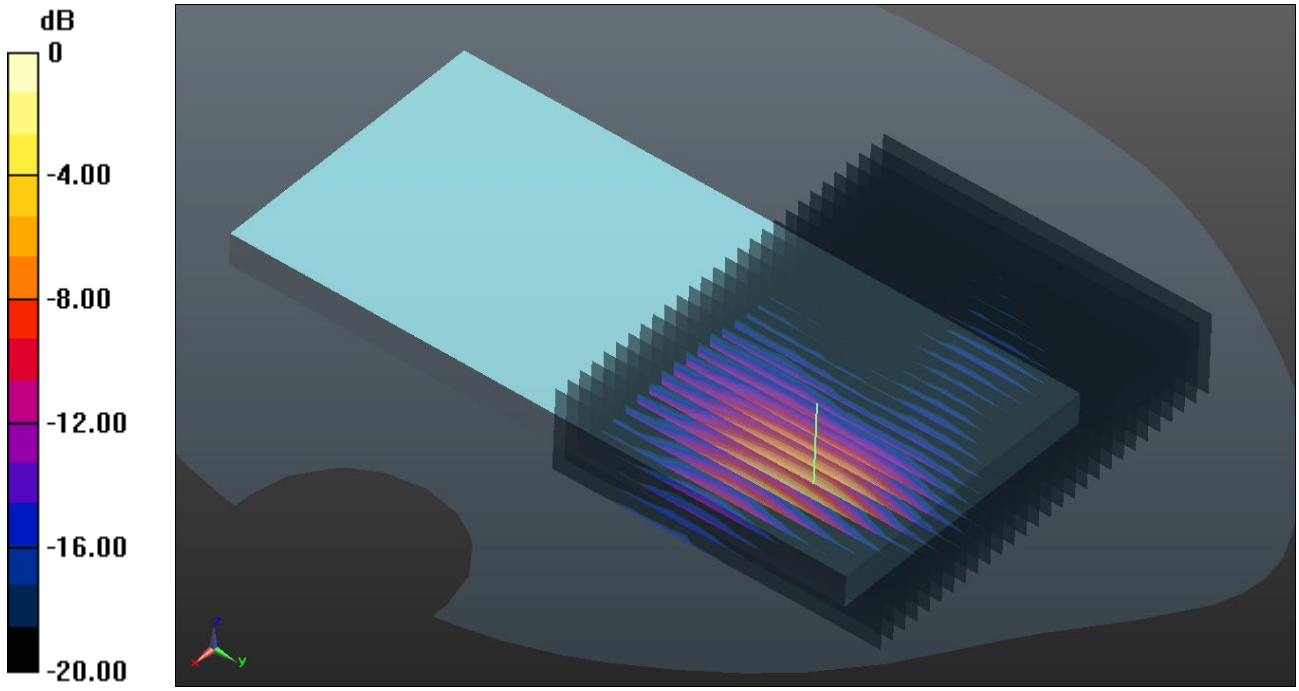


0 dB = 2.00 W/kg = 3.01 dBW/kg

UNII Ant.2

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.119 S/m; ε_r = 35.995; 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 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Back; Type: QD000P40CD; Serial: TP:1882

Rear/802.11a mode ch149 Ant.2 15mm/Volume Scan (23x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.257 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.712 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.066 W/kg
Total Absorbed Power = 0.00199 W
Maximum value of SAR (measured) = 0.436 W/kg



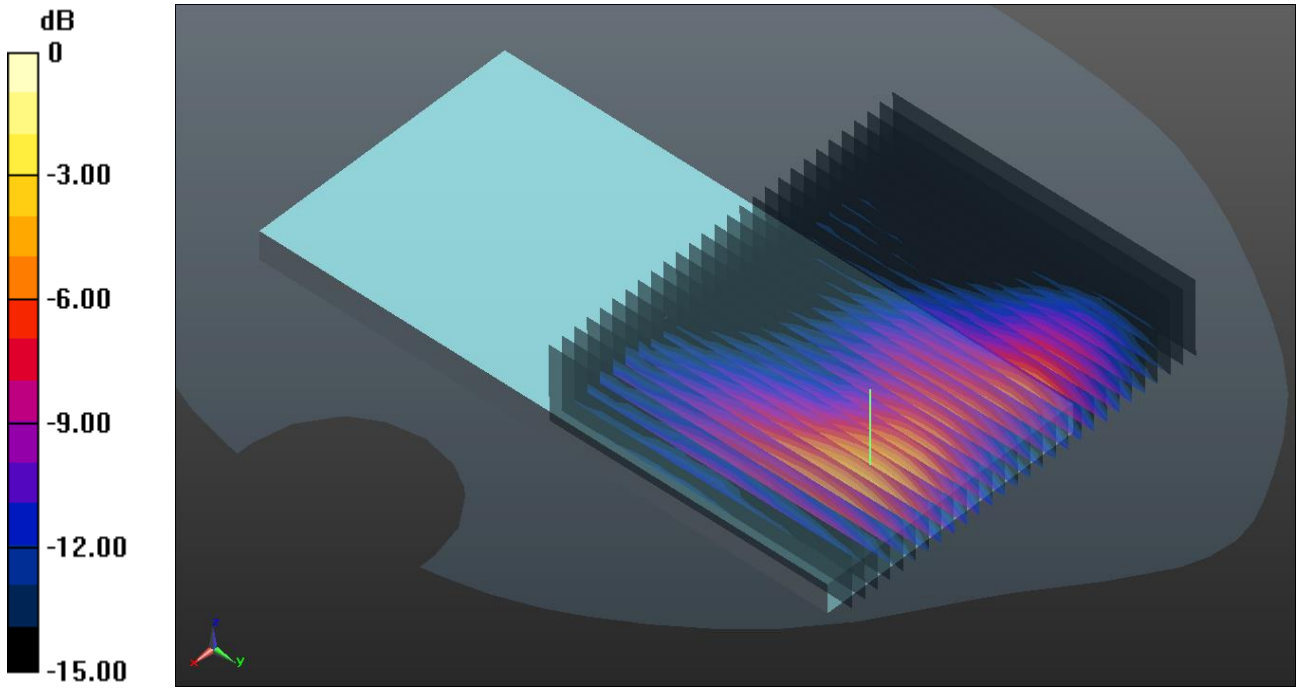
0 dB = 1.00 W/kg = 0.00 dBW/kg

Bluetooth

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 = 1.869 S/m; ε_r = 38.437; 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 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2480 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/Bluetooth_DH5 ch78 15mm/Volume Scan (23x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.036 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.029 W/kg
Total Absorbed Power = 0.00187 W
Maximum value of SAR (measured) = 0.0977 W/kg

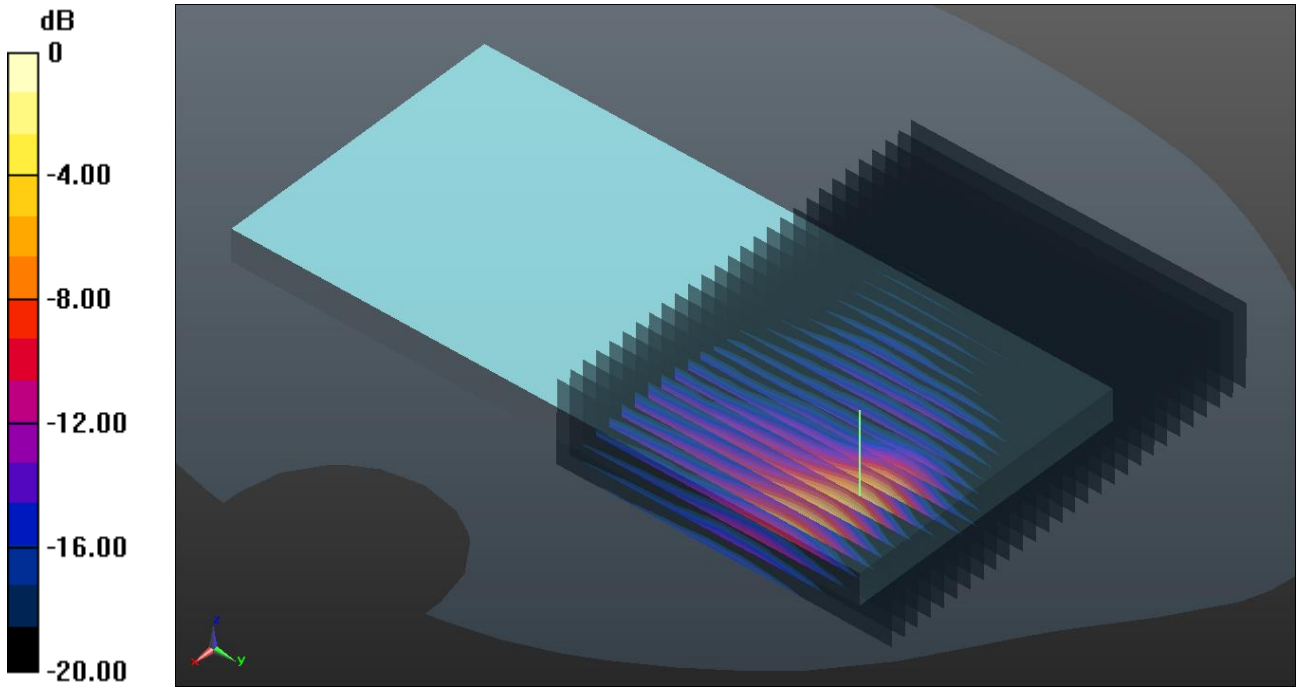


0 dB = 0.200 W/kg = −6.99 dBW/kg

UNII Ant.1

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.369 S/m; ε_r = 36.169; 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 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/802.11a mode ch149 Ant.1 10mm/Volume Scan (23x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.207 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.151 W/kg
Total Absorbed Power = 0.00448 W
Maximum value of SAR (measured) = 1.06 W/kg



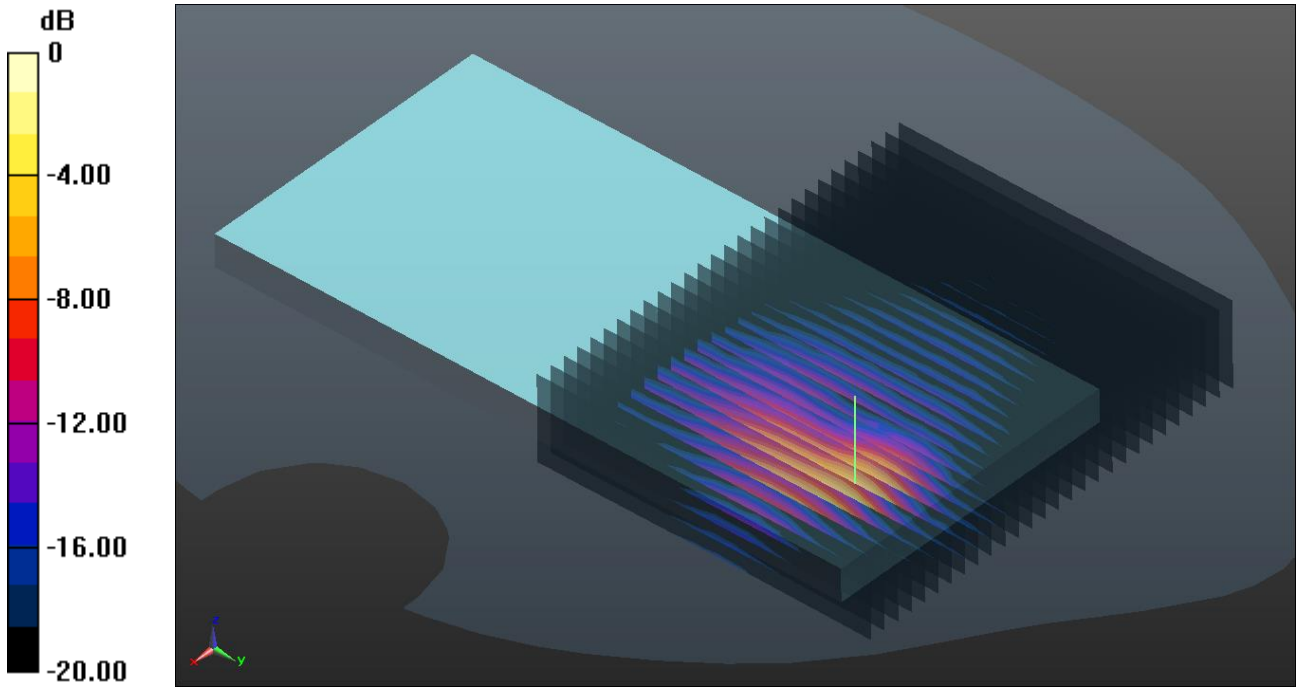
0 dB = 2.50 W/kg = 3.98 dBW/kg

UNII Ant.2

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): f = 5745 MHz; σ = 5.369 S/m; ε_r = 36.169; 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 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

20200603/802.11a mode ch 149 Ant.2 10mm/Volume Scan (23x28x12): Measurement grid:

dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.040 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.102 W/kg
Total Absorbed Power = 0.00277 W
Maximum value of SAR (measured) = 0.788 W/kg



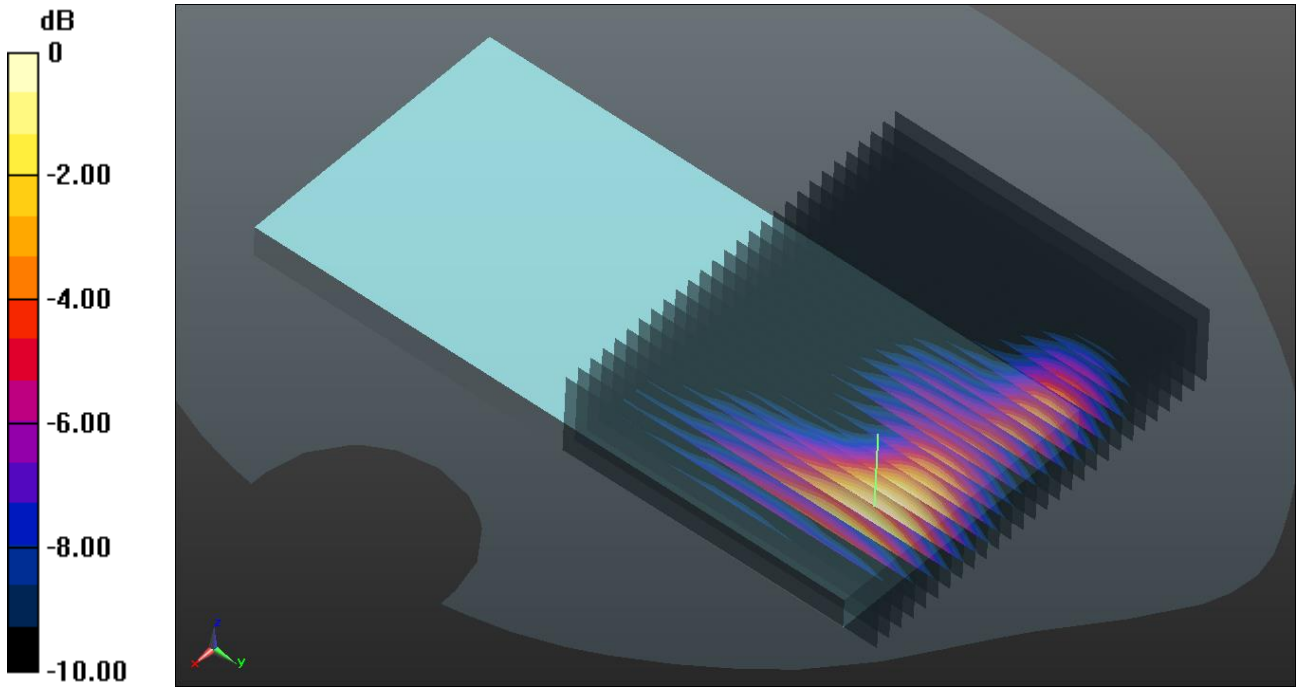
0 dB = 1.50 W/kg = 1.76 dBW/kg

Bluetooth

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 = 1.869 S/m; ε_r = 38.437; 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 0.0012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2480 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877

Rear/Bluetooth_DH5 ch78 10mm/Volume Scan (23x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.610 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.059 W/kg
Total Absorbed Power = 0.00316 W
Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = −6.68 dBW/kg

UNII Ant.1 + Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for BT/Bluetooth_DH5 ch 78 15mm/Volume Scan:

Date/Time: 2020-06-04, 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: HSL2450 Medium parameters used: f = 2480 MHz; σ = 1.869 S/m; ε_r = 38.437; ρ = 1000 kg/m^3
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

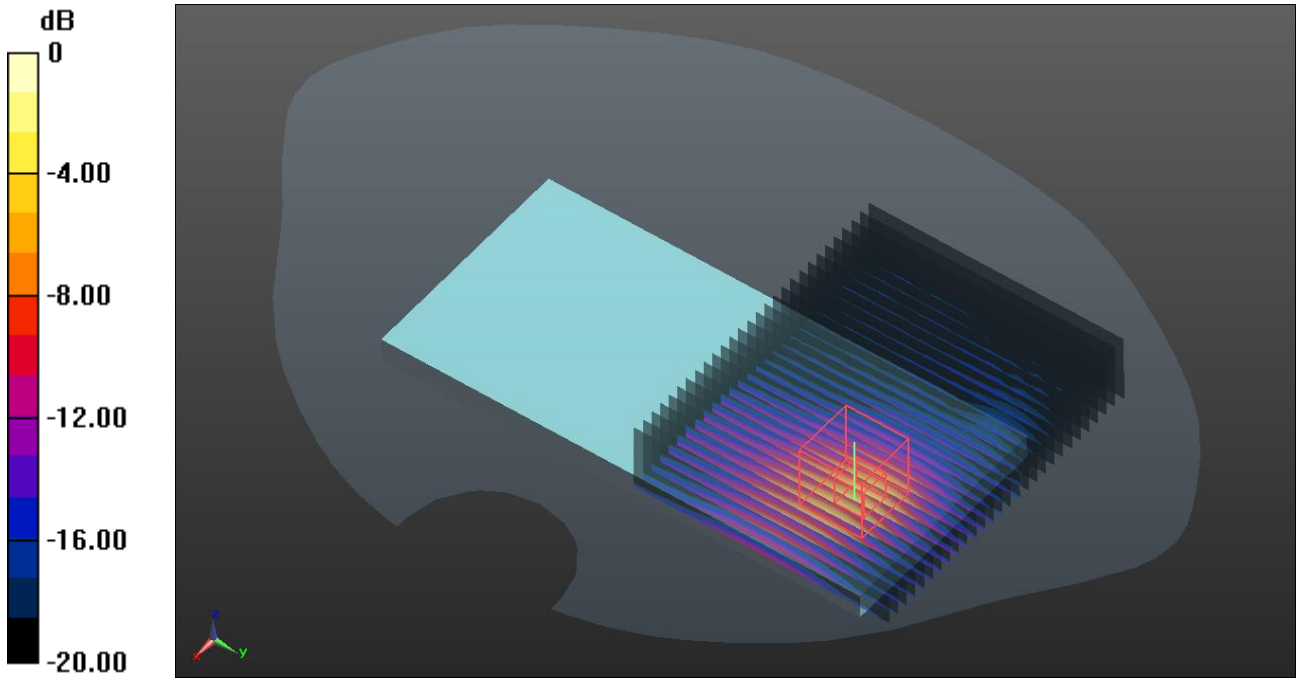
- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2480 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for 20200618/802.11 a mode ch 157 ANT 1 15mm/Volume Scan:

Date/Time: 2020-06-18, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used (interpolated): f = 5785 MHz; σ = 5.387 S/m; ε_r = 34.616; ρ = 1000 kg/m^3
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Back; Type: QD000P40CD; Serial: TP:1882
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (interpolated) = 2.39 W/kg



0 dB = 4.00 W/kg = 6.02 dBW/kg

UNII MIMO + Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for BT/Bluetooth_DH5 ch 78 15mm/Volume Scan:

Date/Time: 2020-06-04, 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: HSL2450 Medium parameters used: f = 2480 MHz; σ = 1.869 S/m; ε_r = 38.437; ρ = 1000 kg/m^3
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2480 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- 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 20200618/802.11 a mode ch 157 ANT 1 15mm/Volume Scan:

Date/Time: 2020-06-18, Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HSL 3-6 GHz Medium parameters used (interpolated): f = 5785 MHz; σ = 5.387 S/m; ε_r = 34.616; ρ = 1000 kg/m^3
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

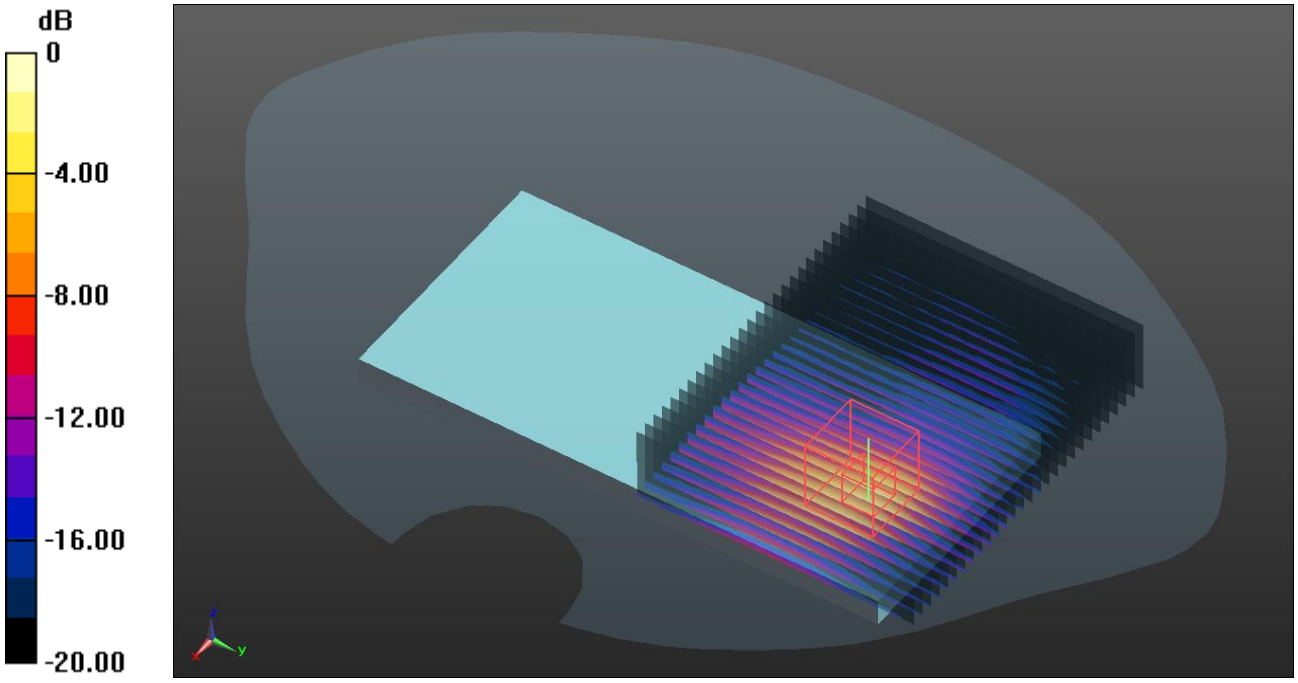
- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Back; Type: QD000P40CD; Serial: TP:1882
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11 a mode ch 149 ANT 2 15mm/Volume Scan:

Date/Time: 2020-06-11, 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 (interpolated): f = 5745 MHz; σ = 5.119 S/m; ε_r = 35.995; ρ = 1000 kg/m^3
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Back; Type: QD000P40CD; Serial: TP:1882
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:
SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.327 W/kg
Maximum value of SAR (interpolated) = 3.10 W/kg



0 dB = 4.00 W/kg = 6.02 dBW/kg

UNII Ant.1 + Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for BT/Bluetooth_DH5 ch 78 10mm/Volume Scan:

Date/Time: 2020-06-04 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: HSL2450 Medium parameters used: f = 2480 MHz; σ = 1.869 S/m; ε_r = 38.437; ρ = 1000 kg/m^3
Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

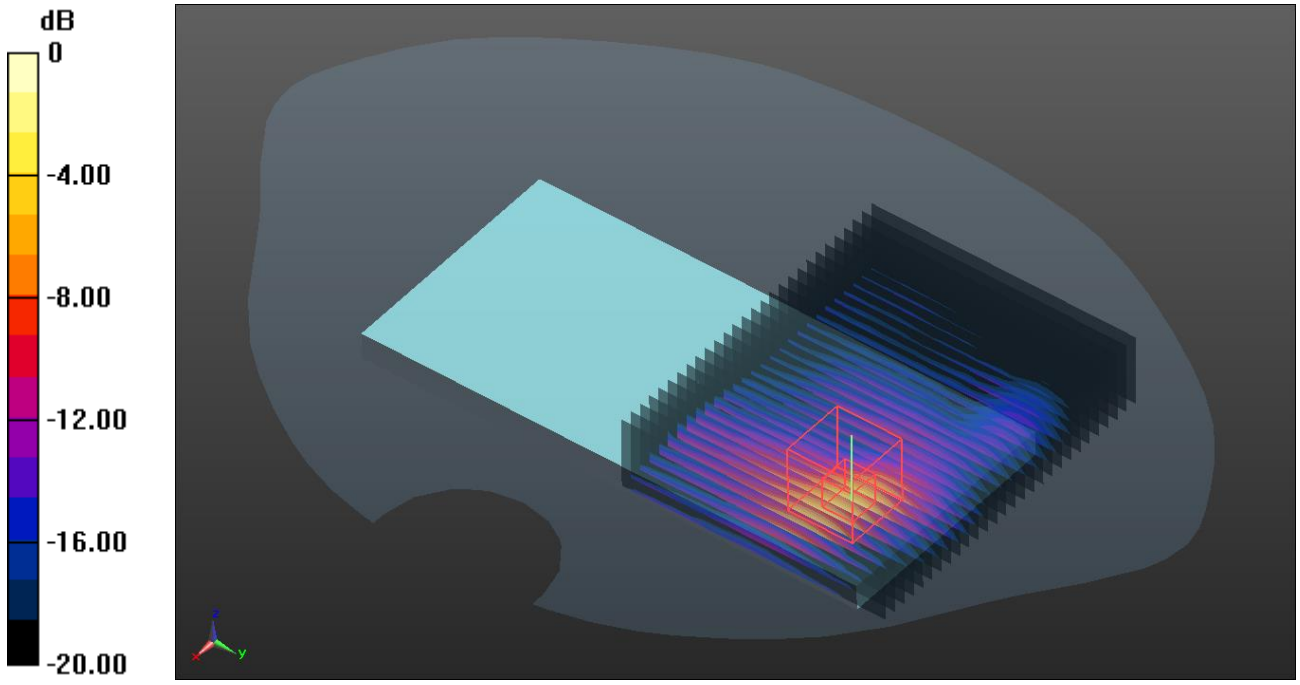
- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2480 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for 20200603/802.11 a mode ch 149 Ant.1 10mm/Volume Scan:

Date/Time: 2020-06-02 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 (interpolated): f = 5745 MHz; σ = 5.369 S/m; ε_r = 36.169; ρ = 1000 kg/m^3
Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- 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) = 0.710 W/kg; SAR(10 g) = 0.260 W/kg
Maximum value of SAR (interpolated) = 2.45 W/kg



0 dB = 4.00 W/kg = 6.02 dBW/kg

UNII Ant.2 + Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for BT/Bluetooth_DH5 ch 78 10mm/Volume Scan:

Date/Time: 2020-06-04 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: HSL2450 Medium parameters used: f = 2480 MHz; σ = 1.869 S/m; ε_r = 38.437; ρ = 1000 kg/m^3
Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

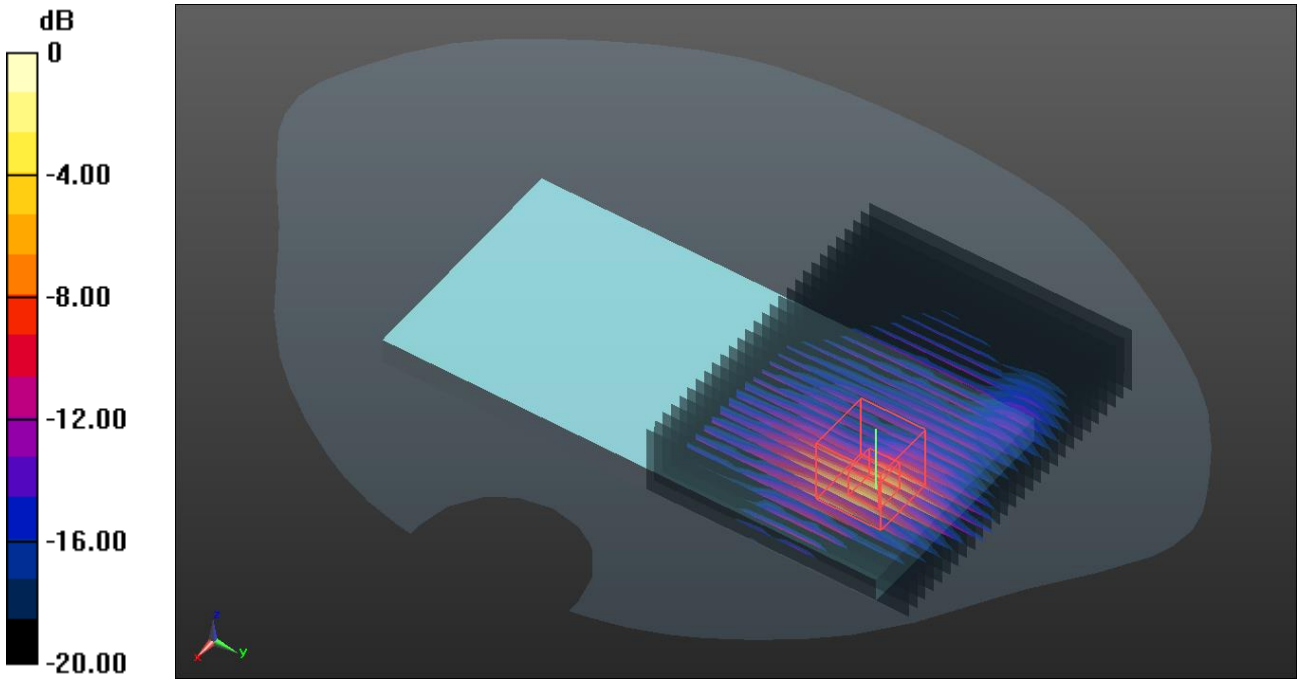
- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2480 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for 20200603/802.11 a mode ch 149 Ant.2 10mm/Volume Scan:

Date/Time: 2020-06-03 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 (interpolated): f = 5745 MHz; σ = 5.369 S/m; ε_r = 36.169; ρ = 1000 kg/m^3
Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- 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) = 0.554 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (interpolated) = 1.91 W/kg



0 dB = 4.00 W/kg = 6.02 dBW/kg

UNII MIMO + Bluetooth

Multi-Band Average SAR
Multi-Band Configurations:

DASY Configuration for BT/Bluetooth_DH5 ch 78 10mm/Volume Scan:

Date/Time: 2020-06-04 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: HSL2450 Medium parameters used: f = 2480 MHz; σ = 1.869 S/m; ε_r = 38.437; ρ = 1000 kg/m^3
Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2480 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- 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 20200603/802.11 a mode ch 149 Ant.1 10mm/Volume Scan:

Date/Time: 2020-06-02 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 (interpolated): f = 5745 MHz; σ = 5.369 S/m; ε_r = 36.169; ρ = 1000 kg/m^3
Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

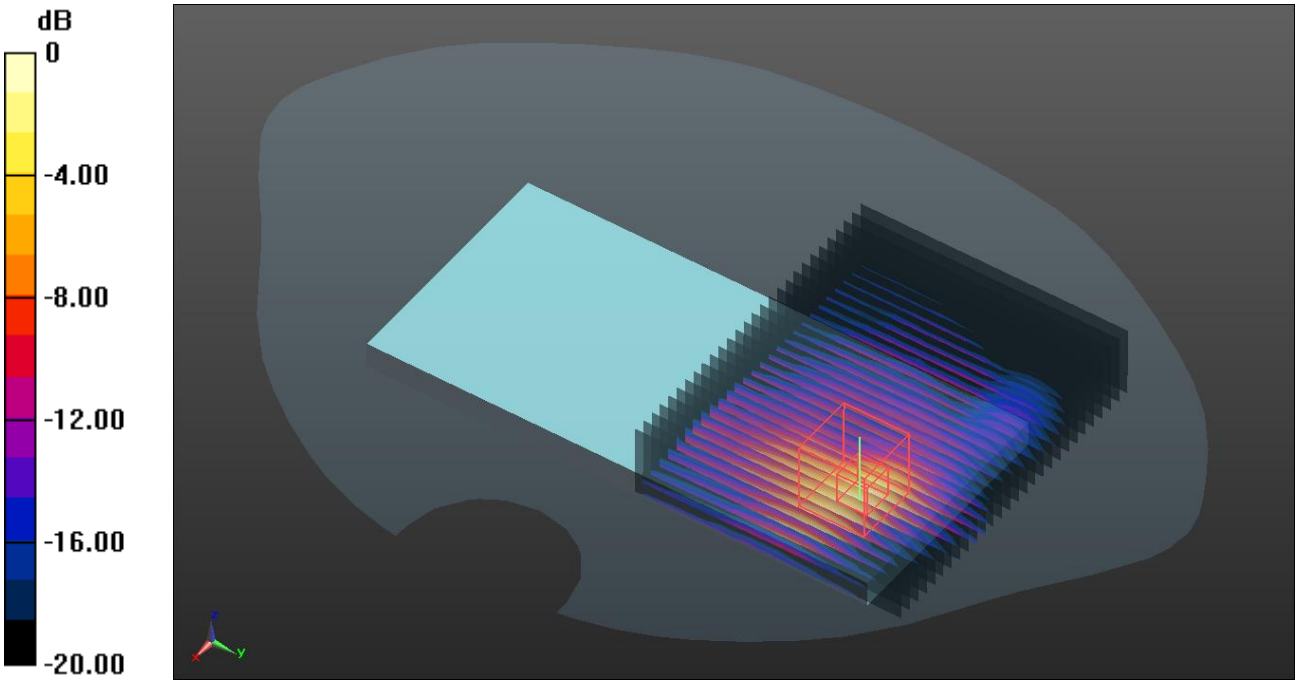
- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- Phantom: SAM (20deg probe tilt) with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:1877
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for 20200603/802.11 a mode ch 149 Ant.2 10mm/Volume Scan:

Date/Time: 2020-06-03 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 (interpolated): f = 5745 MHz; σ = 5.369 S/m; ε_r = 36.169; ρ = 1000 kg/m^3
Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2019-07-18
- 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) = 1.08 W/kg; SAR(10 g) = 0.381 W/kg
Maximum value of SAR (interpolated) = 3.89 W/kg



0 dB = 4.00 W/kg = 6.02 dBW/kg