

UNII Ant 1

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.229$ S/m; $\epsilon_r = 36.287$; $\rho = 1000$ kg/m³

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(4.94, 4.94, 4.94) @ 5775 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 155 Ant 1/Volume Scan (33x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

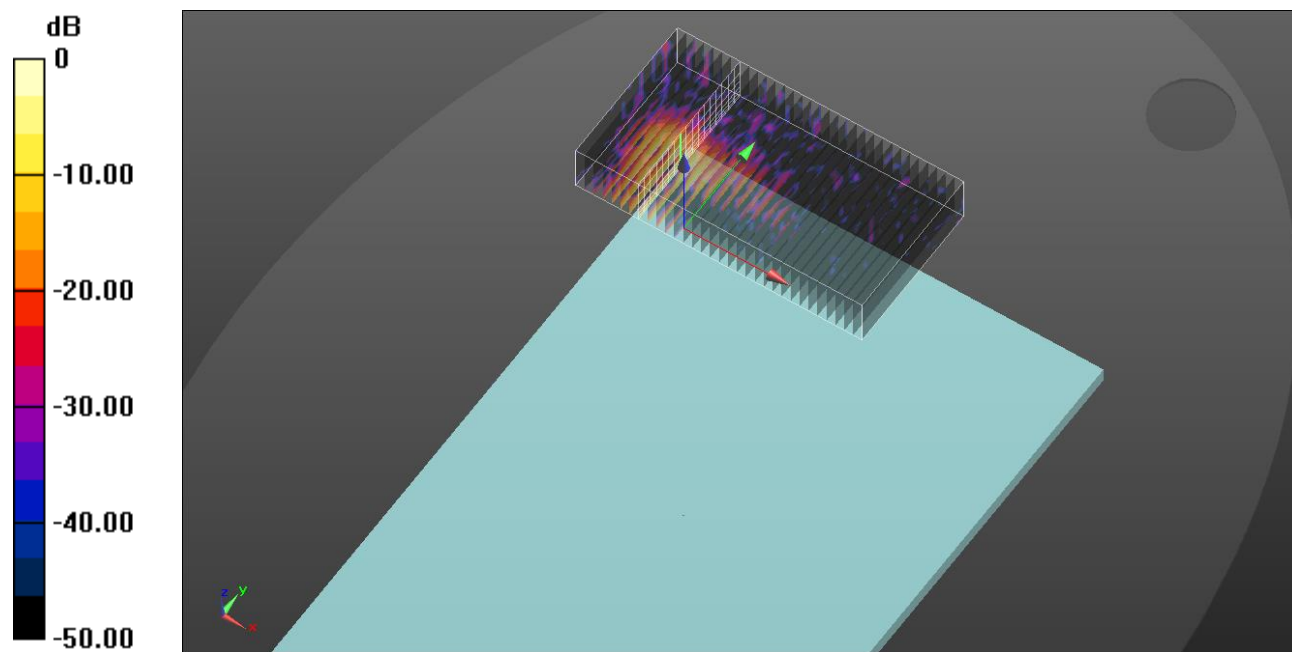
Reference Value = 13.71 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.110 W/kg

Total Absorbed Power = 0.00164 W

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 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; $\sigma = 1.773$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³

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(7.59, 7.59, 7.59) @ 2480 MHz; Calibrated: 2020-08-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Rear/Bluetooth GFSK_ch78 0mm/Volume Scan (58x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

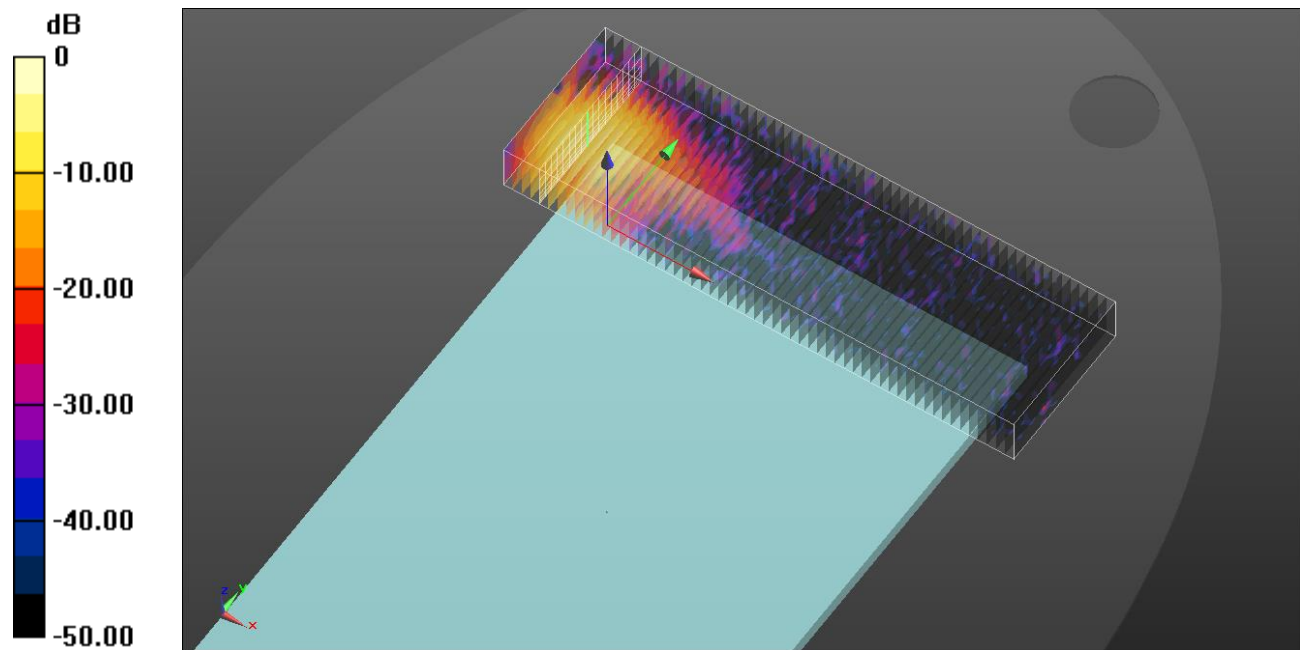
Reference Value = 13.50 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.086 W/kg

Total Absorbed Power = 0.00179 W

Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466 W/kg = -3.32 dBW/kg

LTE Band 48

Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 3603.3$ MHz; $\sigma = 3.032$ S/m; $\epsilon_r = 38.789$; $\rho = 1000$ kg/m³

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 - SN7645; ConvF(7.2, 7.2, 7.2) @ 3603.3 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Rear/QPSK ch.55773 1/0/Volume Scan (31x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

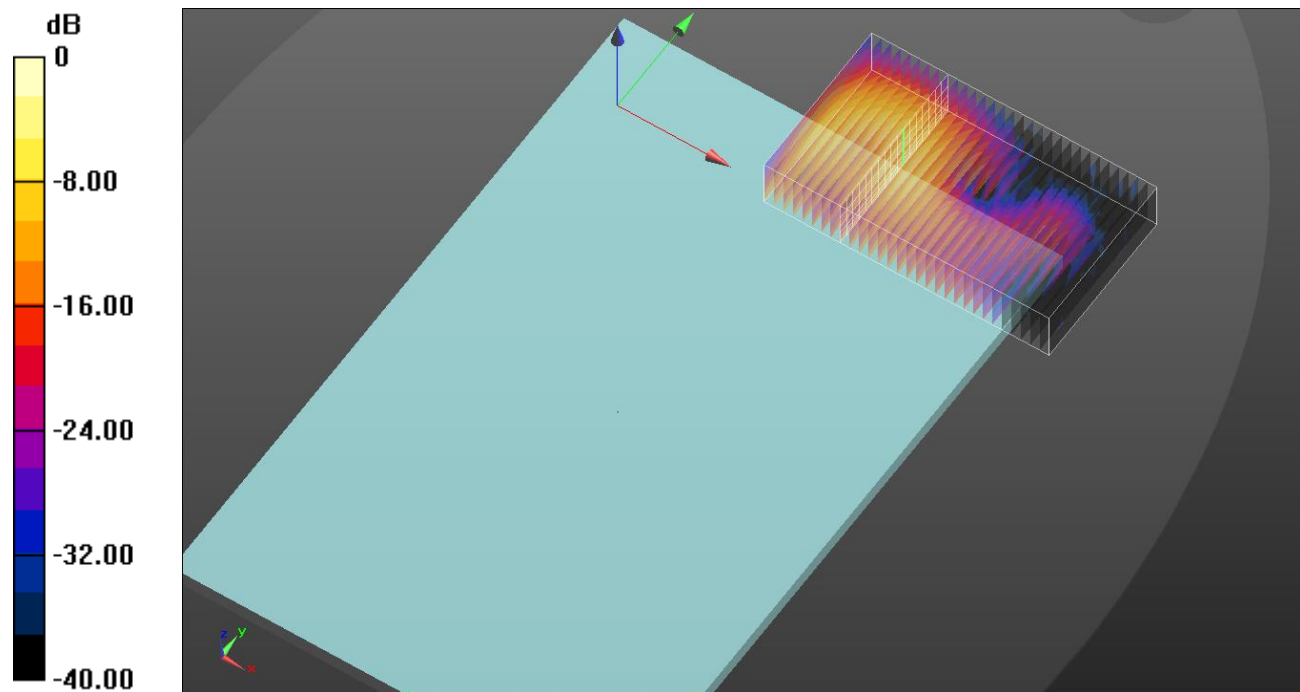
Reference Value = 19.92 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.345 W/kg

Total Absorbed Power = 0.0116 W

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

UNII Ant 2

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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³

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(5.25, 5.25, 5.25) @ 5290 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Rear/802.11ac 80 ch 58 Ant 2/Volume Scan (31x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

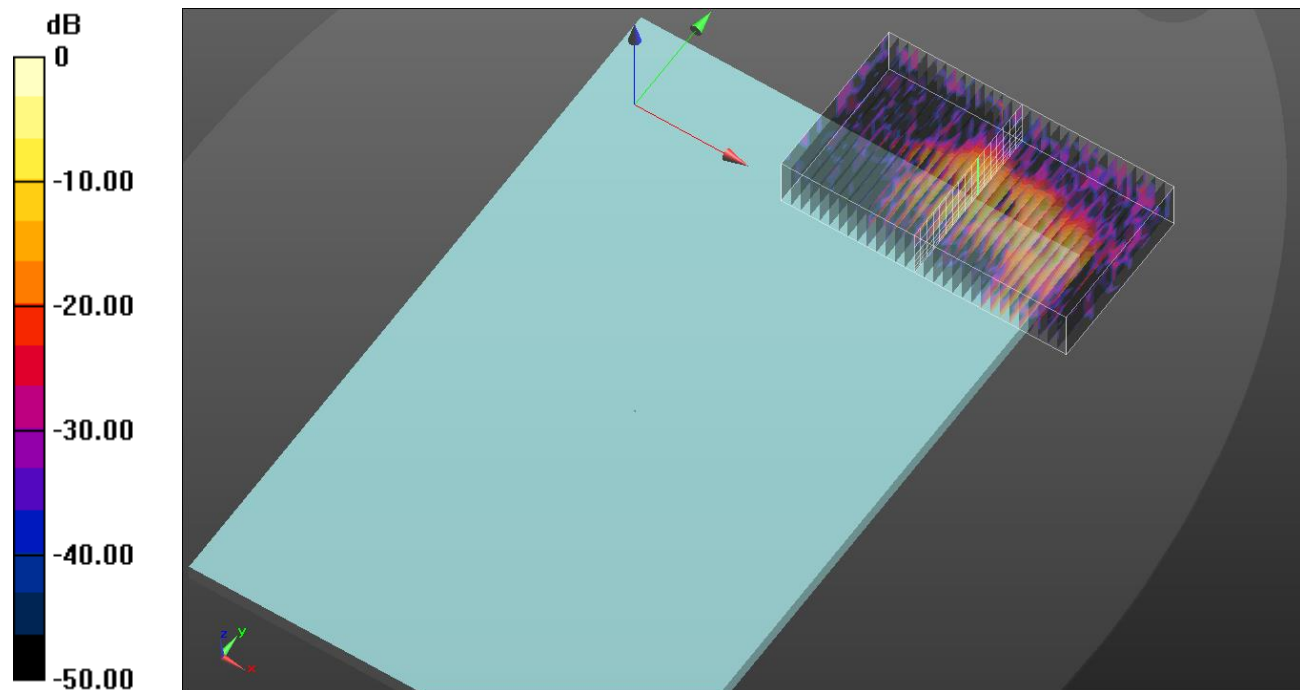
Reference Value = 13.96 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.081 W/kg

Total Absorbed Power = 0.00221 W

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

NR Band n77

Frequency: 3840 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 3840$ MHz; $\sigma = 3.253$ S/m; $\epsilon_r = 38.082$; $\rho = 1000$ kg/m³

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 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3840 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Rear/QPSK ch.656000 135/69/Volume Scan (31x18x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

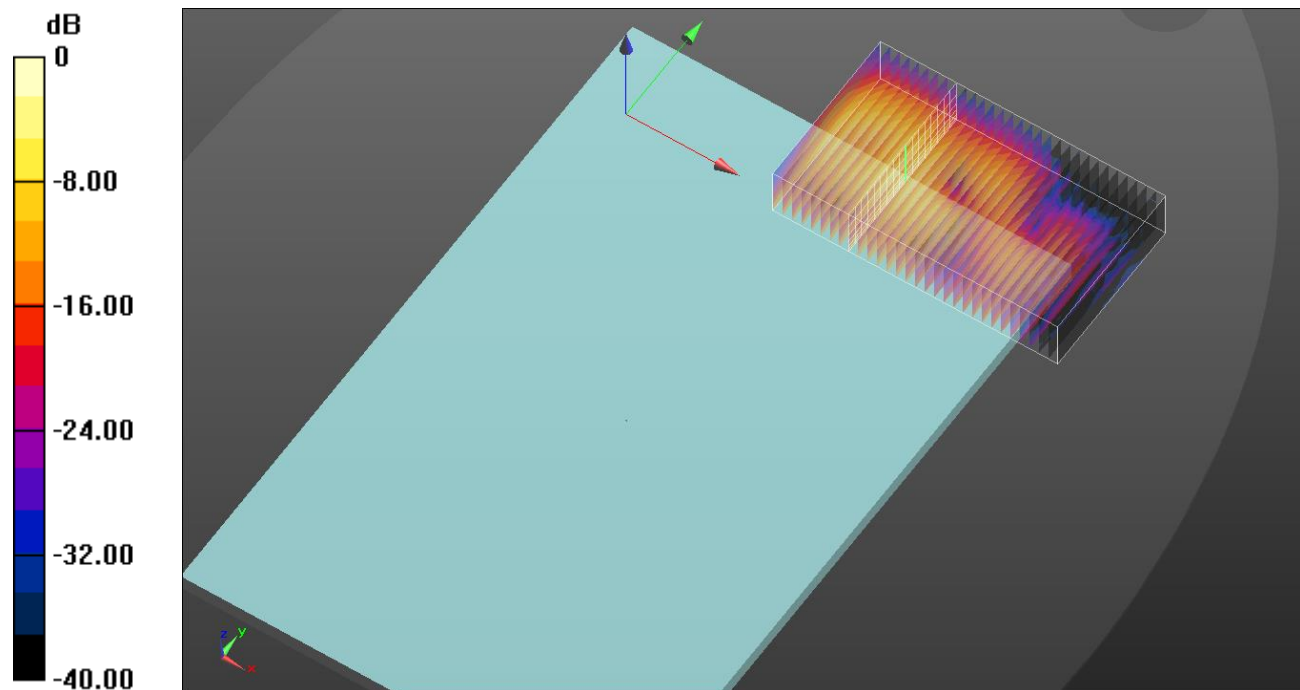
Reference Value = 16.65 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.243 W/kg

Total Absorbed Power = 0.0102 W

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³

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

Edge 4/802.11ac VHT80 mode ch 58 Ant 1/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

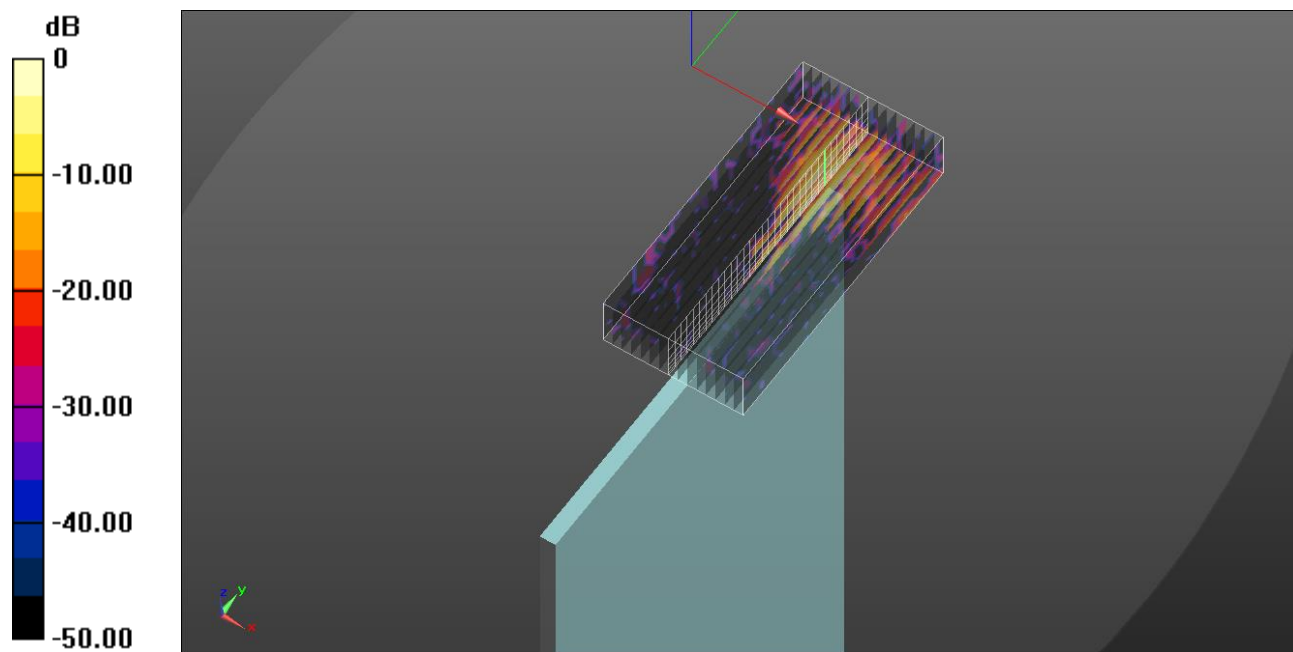
Reference Value = 8.726 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.774 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.046 W/kg

Total Absorbed Power = 0.000859 W

Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.505 W/kg = -2.97 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; $\sigma = 1.75$ S/m; $\epsilon_r = 39.057$; $\rho = 1000$ kg/m³

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(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 2020-08-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Edge 4/Bluetooth GFSK_ch39 Ant.1 Reduce/Volume Scan (16x33x7): Measurement grid:

$dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

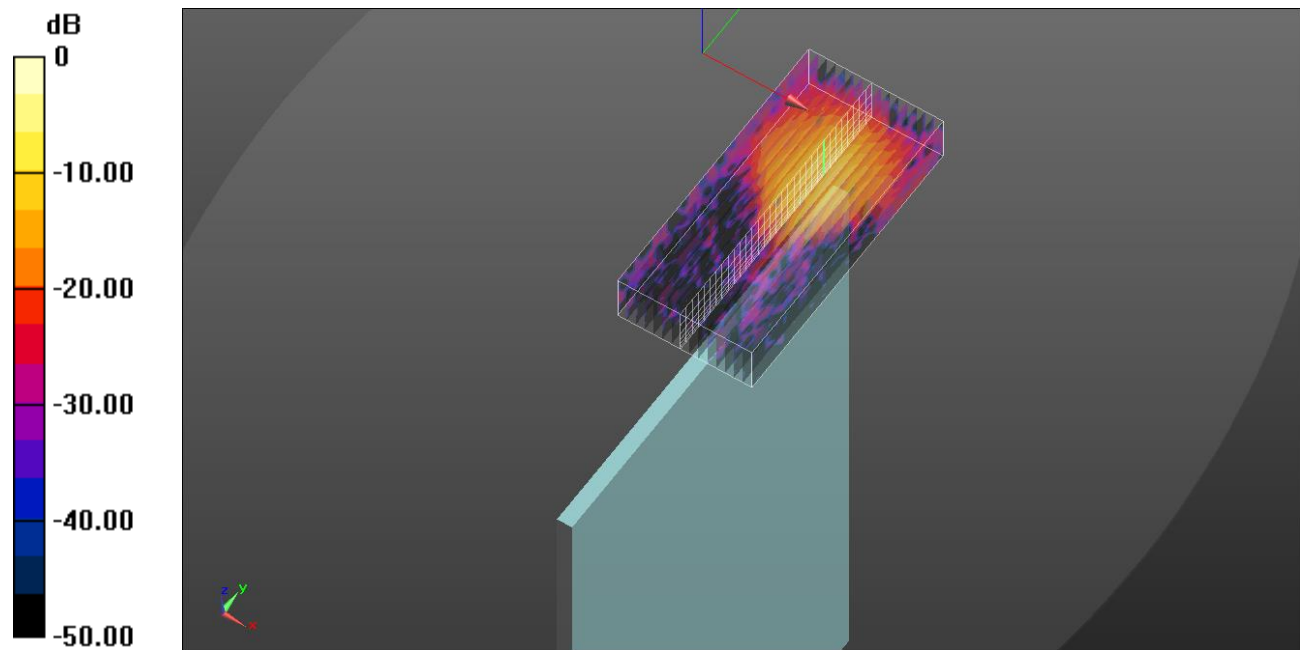
Reference Value = 11.22 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.038 W/kg

Total Absorbed Power = 0.000759 W

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

WCDMA Band IV

Frequency: 1732.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 38.983$; $\rho = 1000$ kg/m³

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 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.6 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Edge 4/Rel.99 ch.1413/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

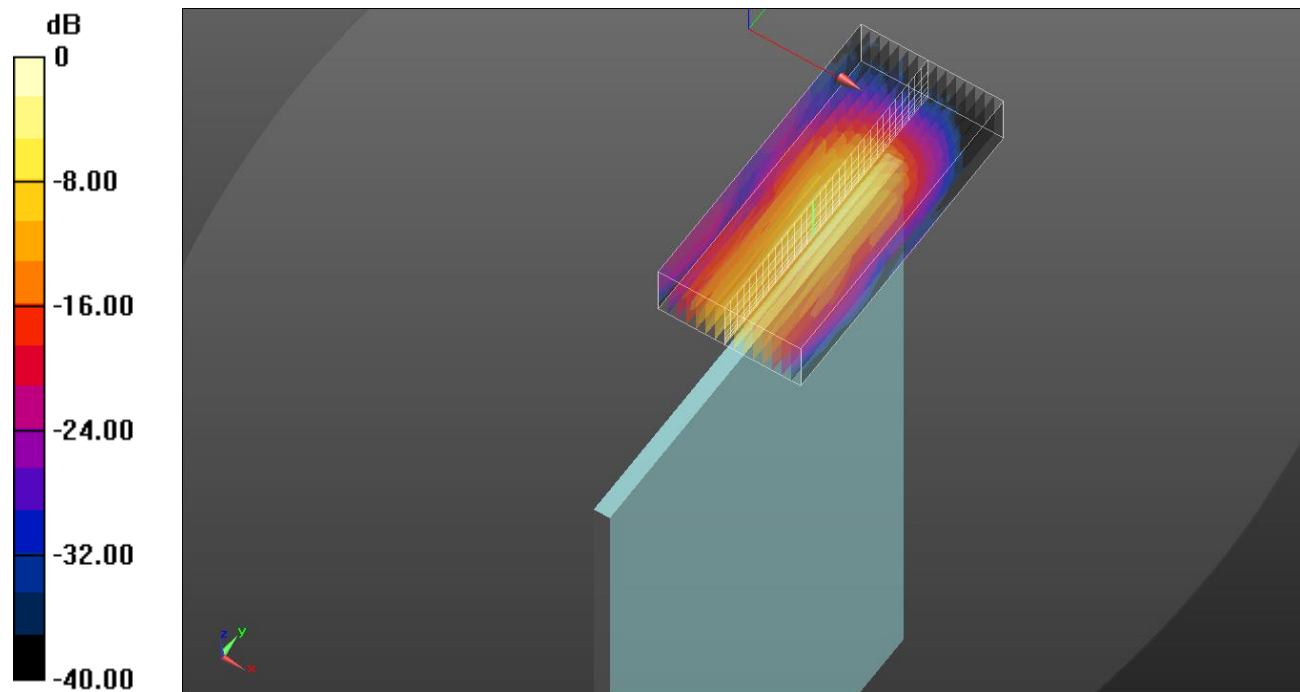
Reference Value = 24.28 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.222 W/kg

Total Absorbed Power = 0.00940 W

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

LTE Band 7

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 38.998$; $\rho = 1000$ kg/m³

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(7.36, 7.36, 7.36) @ 2560 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Edge 4/QPSK ch.21350 RB 1/0/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

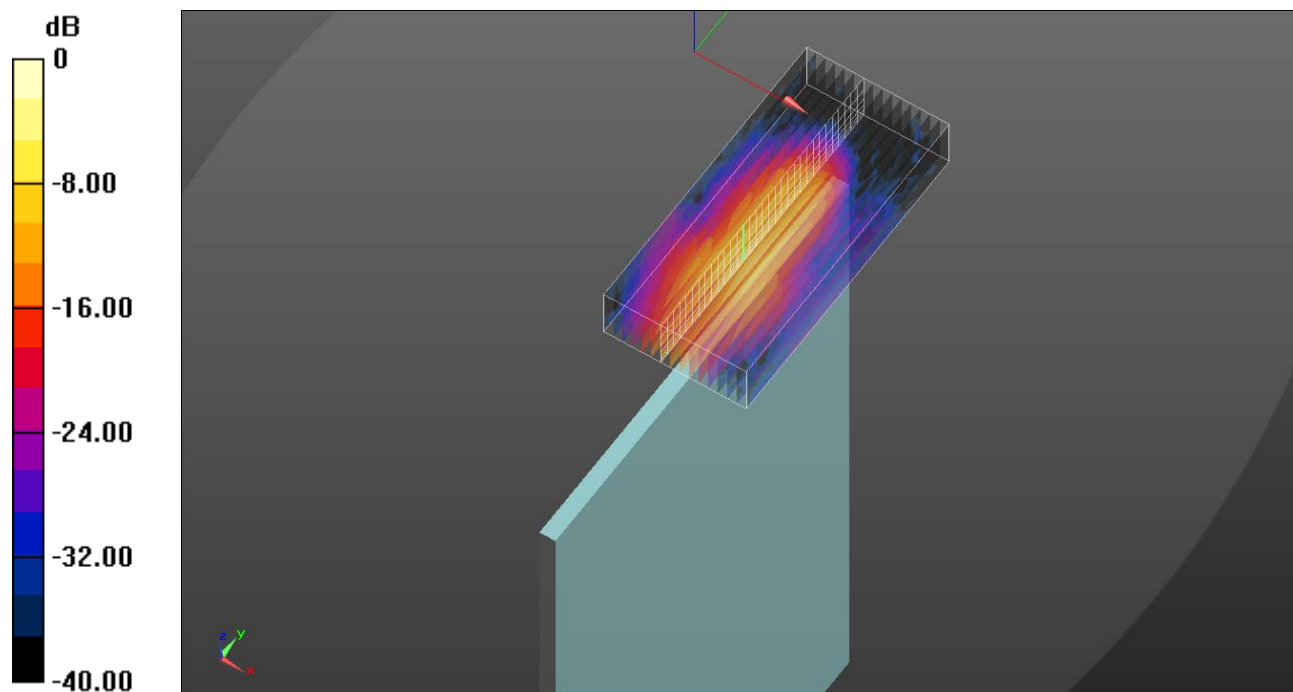
Reference Value = 30.68 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 4.16 W/kg

SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.315 W/kg

Total Absorbed Power = 0.00924 W

Maximum value of SAR (measured) = 2.13 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

LTE Band 25

Frequency: 1905 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

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(8.33, 8.33, 8.33) @ 1905 MHz; Calibrated: 2020-08-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Edge 4/QPSK ch.26590 RB 50/0/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

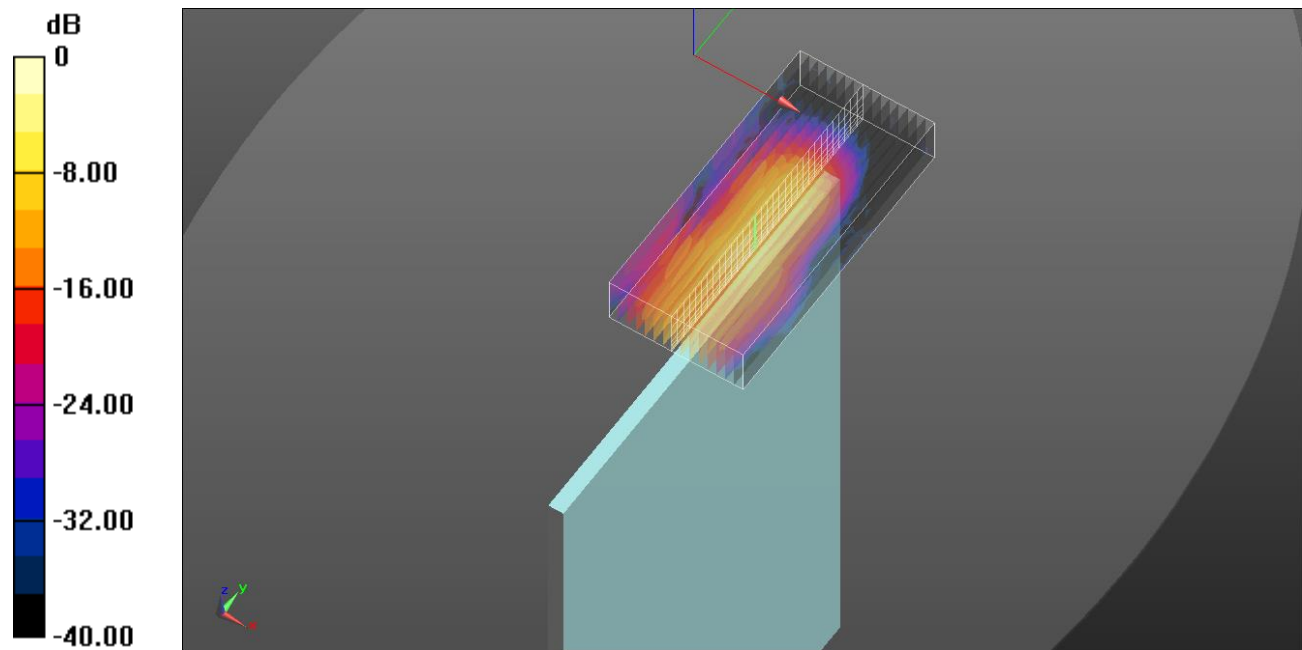
Reference Value = 30.93 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.290 W/kg

Total Absorbed Power = 0.0110 W

Maximum value of SAR (measured) = 1.74 W/kg



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

LTE Band 48

Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 3646.7$ MHz; $\sigma = 3.067$ S/m; $\epsilon_r = 38.706$; $\rho = 1000$ kg/m³

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 - SN7645; ConvF(7.2, 7.2, 7.2) @ 3646.7 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

Edge 4/QPSK ch.56207 RB 1/0/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

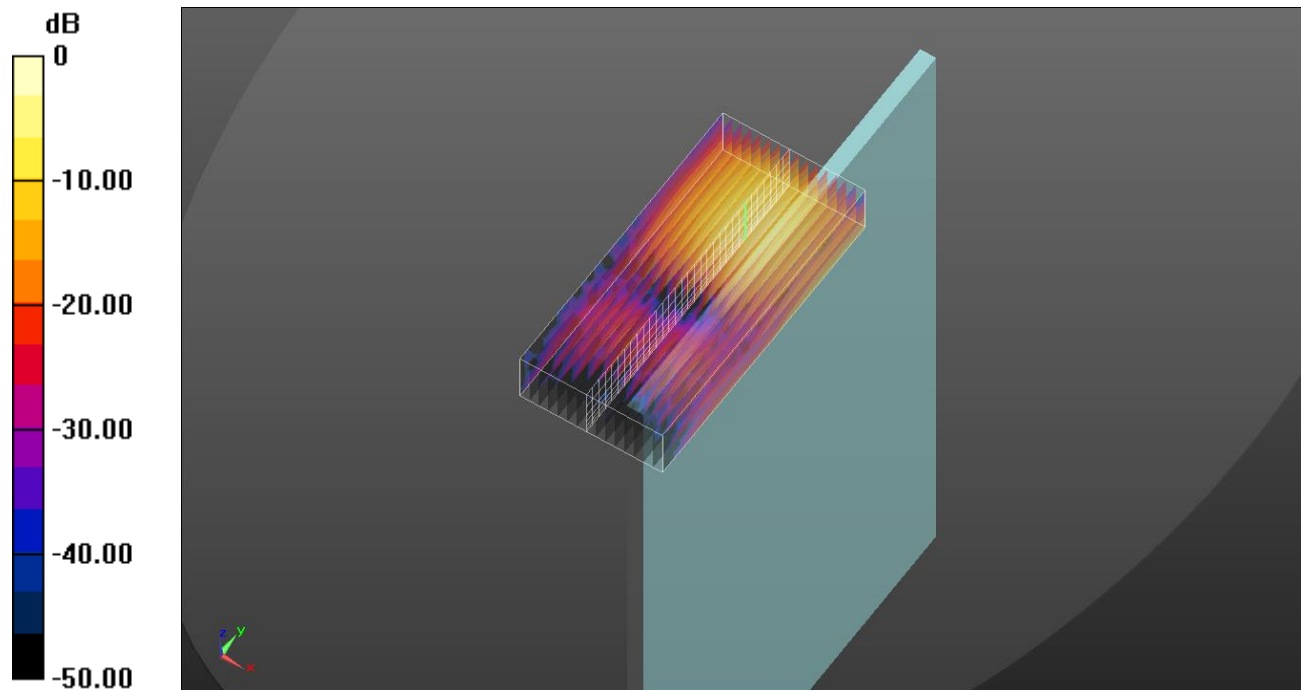
Reference Value = 23.24 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.456 W/kg

Total Absorbed Power = 0.0115 W

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg = 2.81 dBW/kg

UNII Ant 2

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; $\sigma = 4.675$ S/m; $\epsilon_r = 34.962$; $\rho = 1000$ kg/m³

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(5.25, 5.25, 5.25) @ 5290 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Edge 4/802.11ac 80 mode ch 58 Ant 2/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

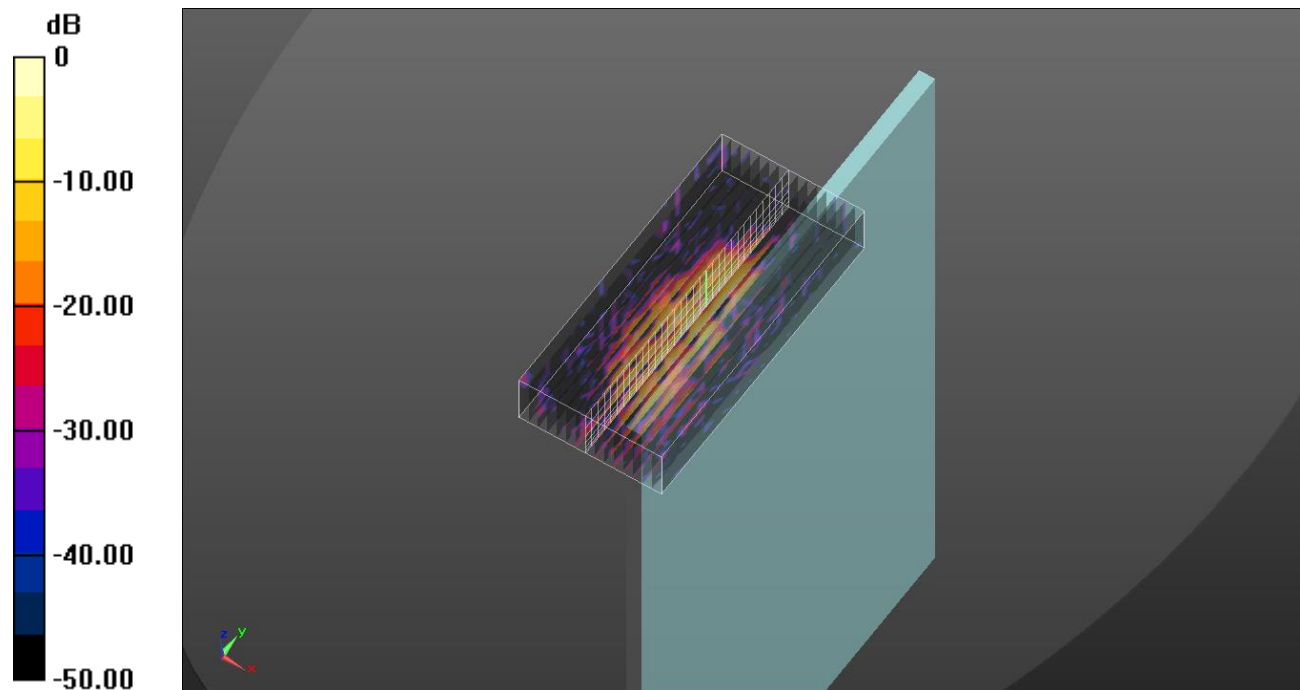
Reference Value = 7.744 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.063 W/kg

Total Absorbed Power = 0.00149 W

Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.808 W/kg = -0.93 dBW/kg

UNII MIMO

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.166$ S/m; $\epsilon_r = 34.16$; $\rho = 1000$ kg/m³

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 - SN7645; ConvF(5.41, 5.41, 5.41) @ 5775 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Edge 4/802.11ac 80 mode ch 155 MIMO/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

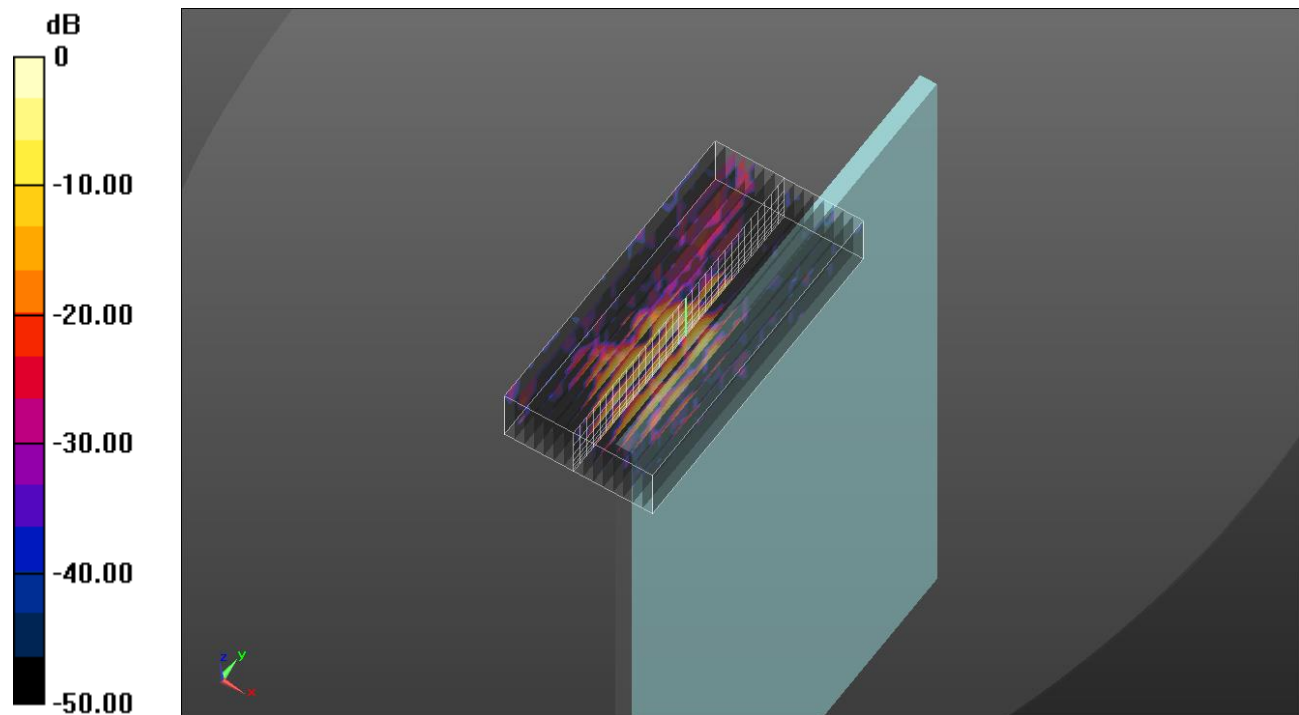
Reference Value = 6.852 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.035 W/kg

Total Absorbed Power = 0.000684 W

Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.588 W/kg = -2.31 dBW/kg

NR Band n41

Frequency: 2592.99 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.894$ S/m; $\epsilon_r = 38.936$; $\rho = 1000$ kg/m³

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(7.36, 7.36, 7.36) @ 2592.99 MHz; Calibrated: 8/28/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Edge 4/QPSK Ch.518598 RB1/1/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

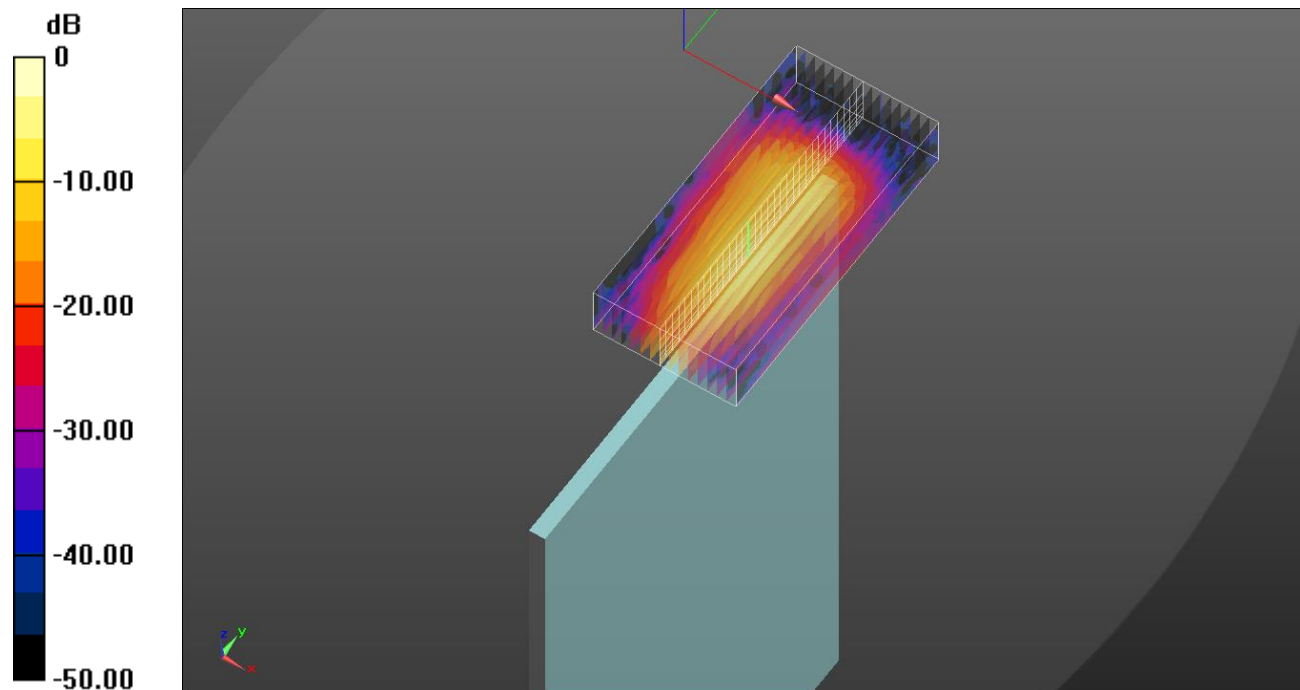
Reference Value = 29.80 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.331 W/kg

Total Absorbed Power = 0.0108 W

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



0 dB = 2.38 W/kg = 3.77 dBW/kg

NR Band n66

Frequency: 1720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1720$ MHz; $\sigma = 1.298$ S/m; $\epsilon_r = 40.199$; $\rho = 1000$ kg/m³

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(8.83, 8.83, 8.83) @ 1720 MHz; Calibrated: 2020-08-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2001

Edge 4/QPSK ch.349000 RB 50/28/Volume Scan (16x33x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

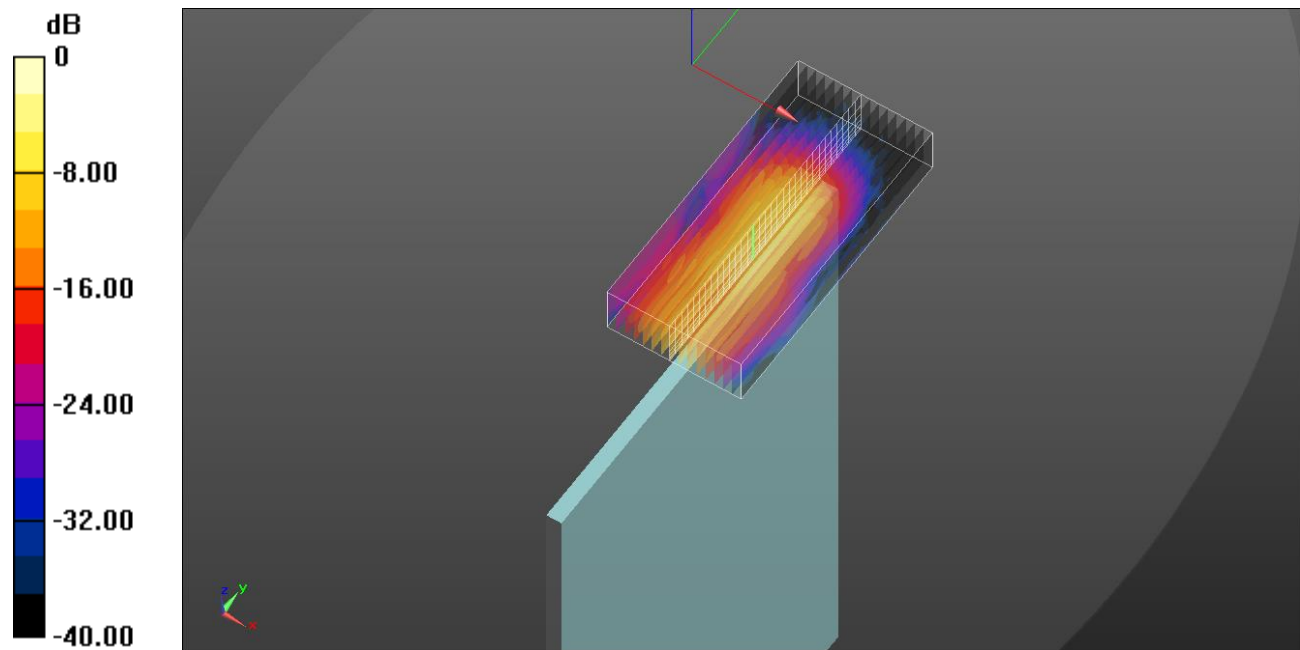
Reference Value = 35.37 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.381 W/kg

Total Absorbed Power = 0.0149 W

Maximum value of SAR (measured) = 2.37 W/kg



0 dB = 2.37 W/kg = 3.75 dBW/kg

UNII Ant 1 + Bluetooth

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/802.11ac 80 mode ch 155 Ant 1/Volume Scan:

Date/Time: 2021-05-16 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5775 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL 3-6 GHz Medium parameters used: $f = 5775$ MHz; $\sigma = 5.229$ S/m; $\epsilon_r = 36.287$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(4.94, 4.94, 4.94) @ 5775 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/Bluetooth GFSK_ch78 0mm/Volume Scan:

Date/Time: 2021-05-17 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; $\sigma = 1.773$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

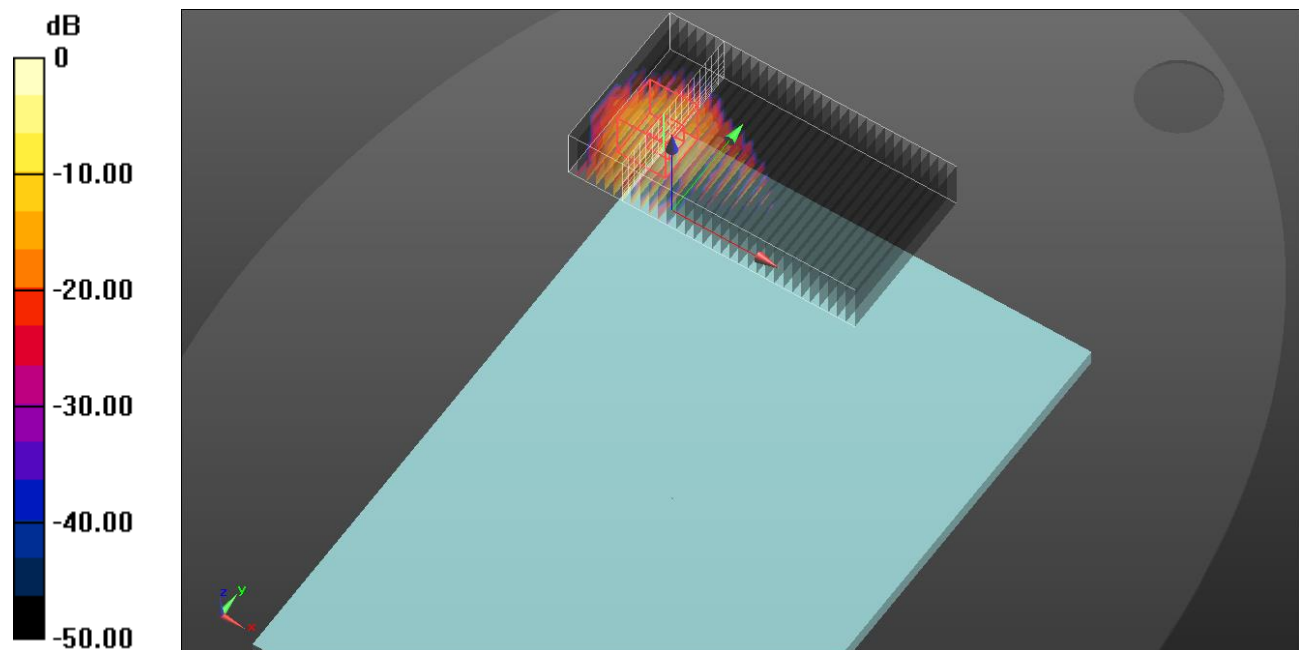
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(7.59, 7.59, 7.59) @ 2480 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) = 0.912 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (interpolated) = 3.80 W/kg



0 dB = 3.80 W/kg = 5.80 dBW/kg

LTE Band 48 + UNII Ant 2

Multi-Band Average SAR Multi-Band Configurations:

DASY Configuration for Rear/802.11ac 80 ch 58 Ant 2/Volume Scan:

Date/Time: 5/18/2021 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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³
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/QPSK ch.55773 1/0/Volume Scan:

Date/Time: 5/26/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956; PMF: 1
Medium: HSL 3700 Medium parameters used (interpolated): $f = 3603.3$ MHz; $\sigma = 3.032$ S/m; $\epsilon_r = 38.789$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

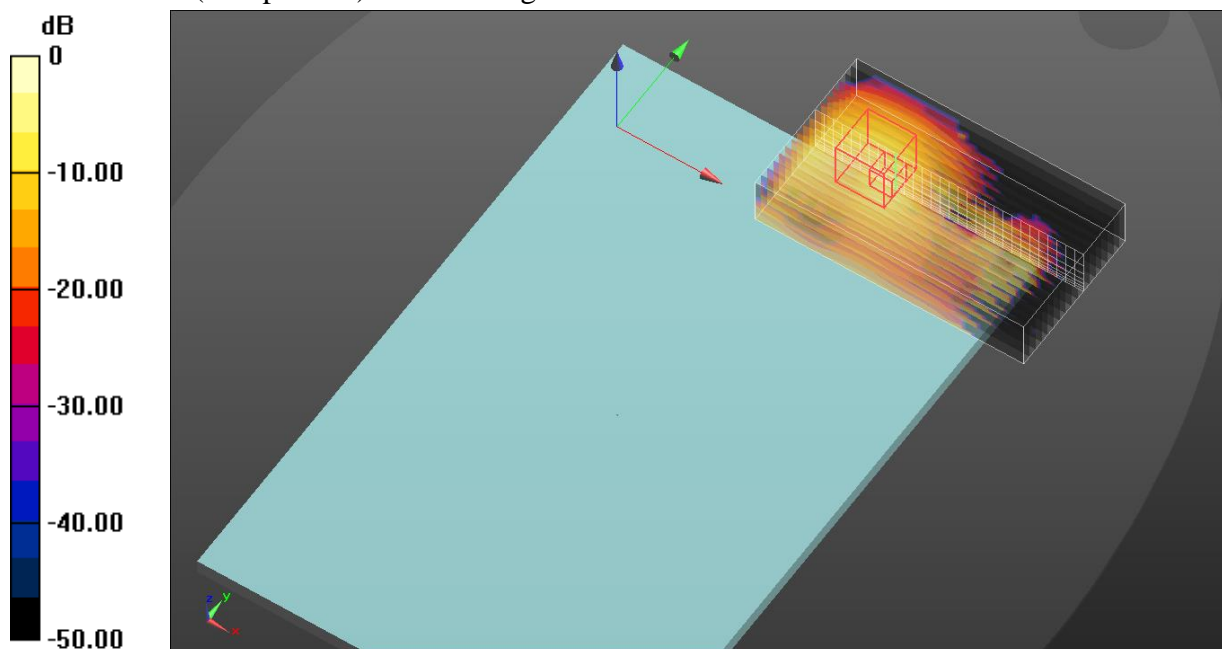
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.2, 7.2, 7.2) @ 3603.3 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (interpolated) = 2.93 W/kg



0 dB = 2.93 W/kg = 4.67 dBW/kg

NR Band n77 + UNII Ant 2

Multi-Band Average SAR Multi-Band Configurations:

DASY Configuration for Rear/QPSK ch.656000 135/69 /Volume Scan:

Date/Time: 5/26/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 3840 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL 3900 Medium parameters used: $f = 3840$ MHz; $\sigma = 3.253$ S/m; $\epsilon_r = 38.082$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3840 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11ac 80 ch 58 Ant 2/Volume Scan:

Date/Time: 5/18/2021 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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

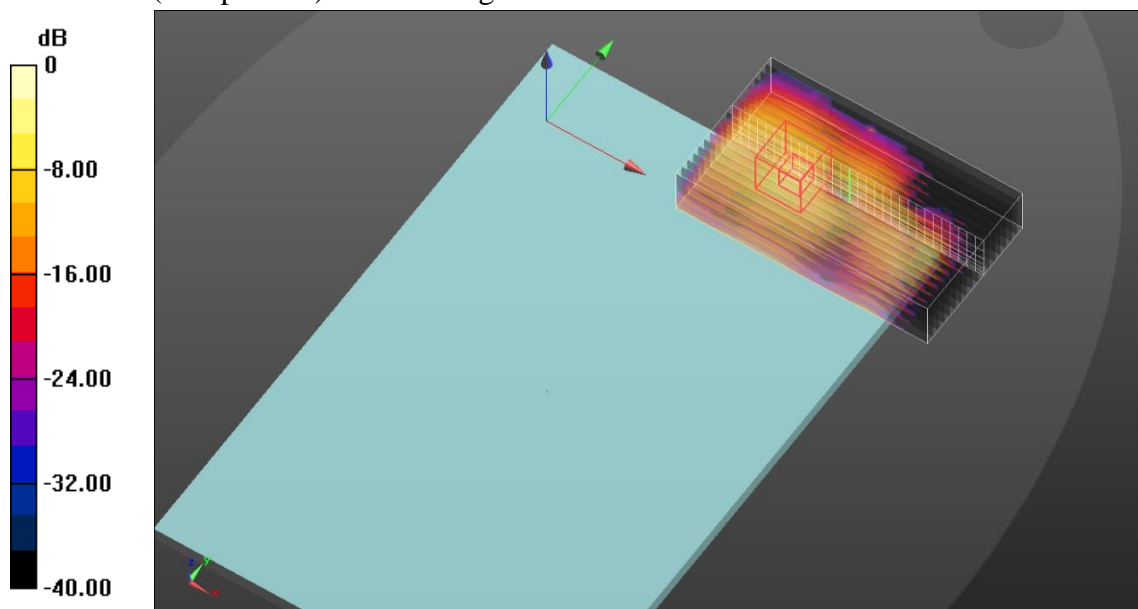
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- 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)

Multi Band Result:

SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.333 W/kg

Maximum value of SAR (interpolated) = 2.45 W/kg



0 dB = 2.45 W/kg = 3.89 dBW/kg

UNII Ant 1 + Bluetooth

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11ac VHT80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 2021-05-17 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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³

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)

DASY Configuration for Edge 4/Bluetooth GFSK_ch39 Ant.1 Reduce/Volume Scan:

Date/Time: 2021-05-17 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; $\sigma = 1.75$ S/m; $\epsilon_r = 39.057$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

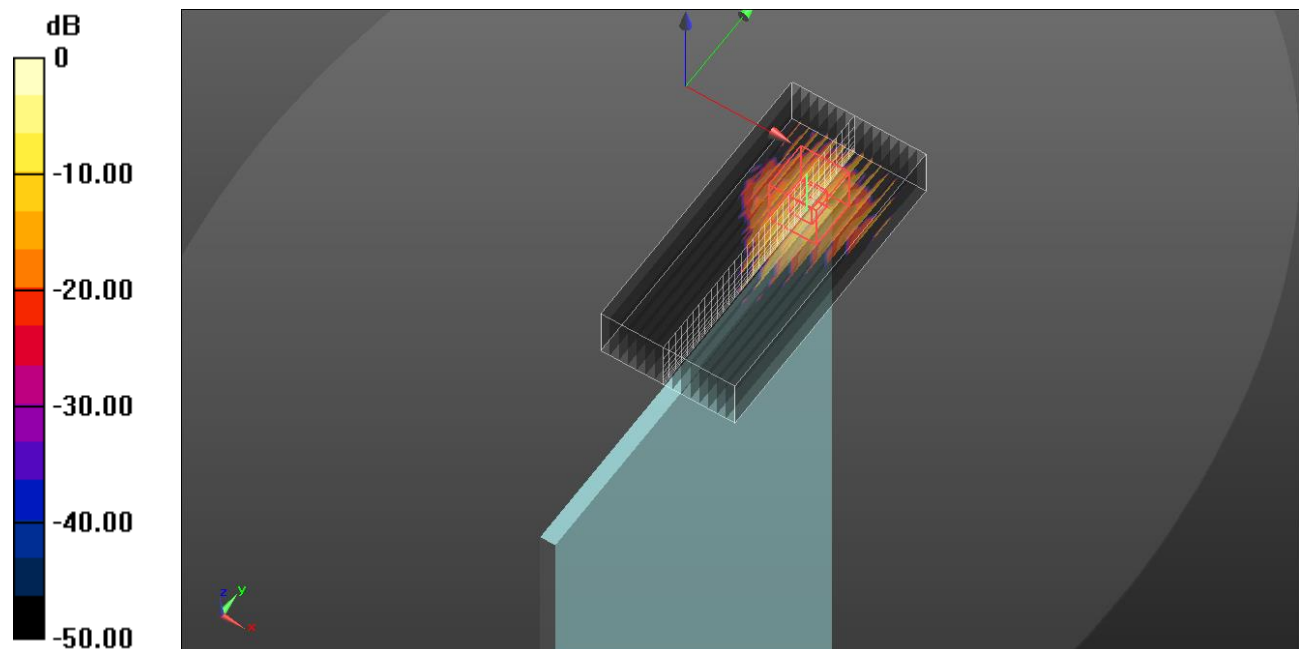
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- 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)

Multi Band Result:

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (interpolated) = 1.60 W/kg



WCDMA Band IV + UNII Ant 1 + Bluetooth

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11ac VHT80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 5/17/2021 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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³

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 Edge 4/Bluetooth GFSK_ch39 Ant.1 /Volume Scan:

Date/Time: 5/17/2021 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; $\sigma = 1.75$ S/m; $\epsilon_r = 39.057$; $\rho = 1000$ kg/m³

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)

DASY Configuration for Edge 4/Rel.99 ch.1413/Volume Scan:

Date/Time: 5/25/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1900 Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 38.983$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

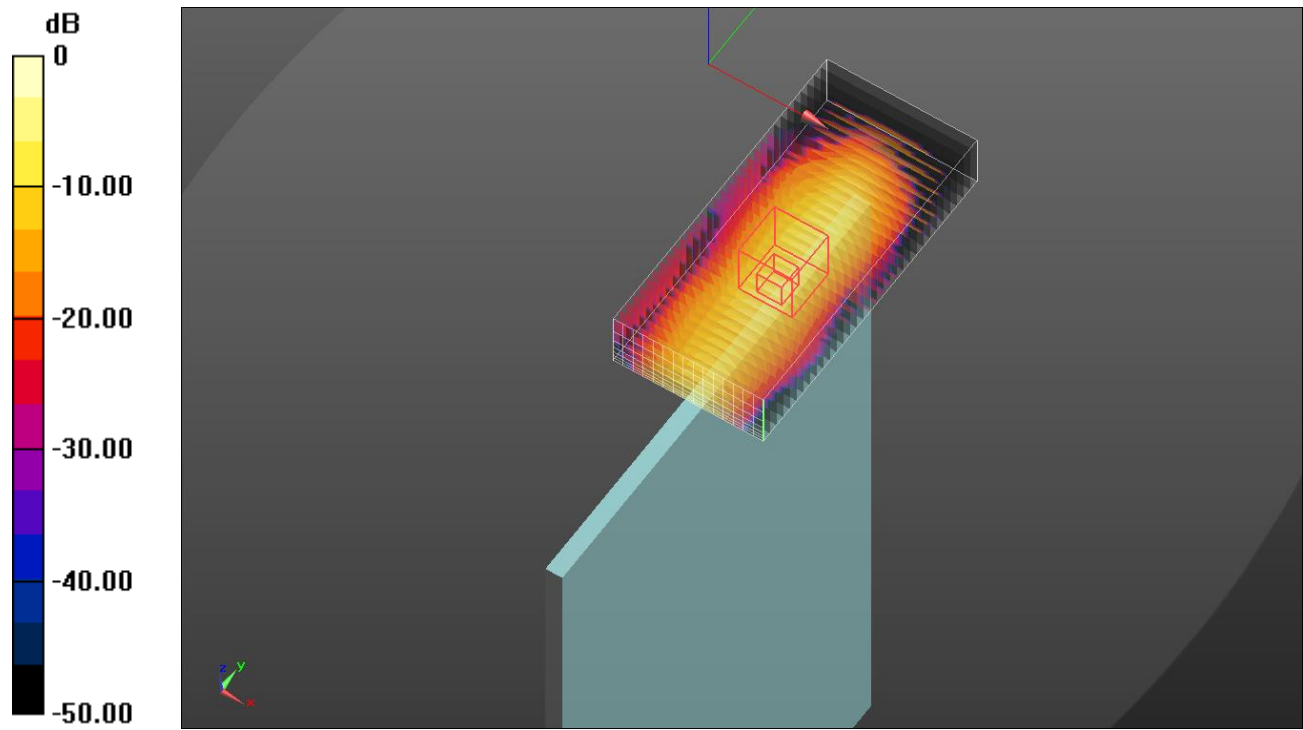
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(9.3, 9.3, 9.3) @ 1732.6 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (interpolated) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

LTE Band 7 + UNII Ant 1 + Bluetooth

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11ac VHT80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 5/17/2021 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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³

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 Edge 4/Bluetooth GFSK_ch39 Ant.1 Reduce/Volume Scan:

Date/Time: 5/17/2021 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; $\sigma = 1.75$ S/m; $\epsilon_r = 39.057$; $\rho = 1000$ kg/m³

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)

DASY Configuration for Edge 4/QPSK ch.21350 RB 1/0/Volume Scan:

Date/Time: 5/18/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 2560 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 38.998$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

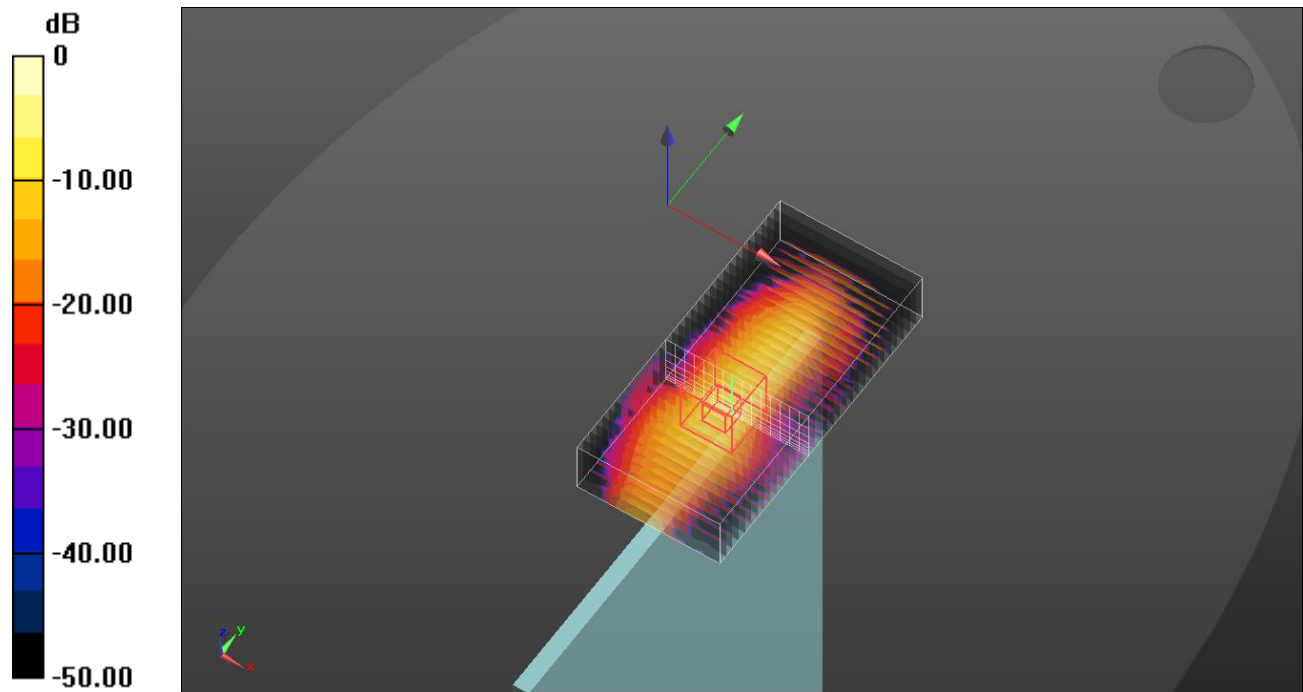
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(7.36, 7.36, 7.36) @ 2560 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) = 1.17 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (interpolated) = 4.18 W/kg



0 dB = 4.18 W/kg = 6.21 dBW/kg

LTE Band 25 + UNII Ant 1 + Bluetooth

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11ac VHT80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 2021-05-17 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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³

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)

DASY Configuration for Edge 4/Bluetooth GFSK_ch39 Ant.1 Reduce/Volume Scan:

Date/Time: 2021-05-17 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; $\sigma = 1.75$ S/m; $\epsilon_r = 39.057$; $\rho = 1000$ kg/m³

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 Edge 4/QPSK ch.26590 RB 50/0/Volume Scan:

Date/Time: 2021-05-17 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 (interpolated): $f = 1905$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 39.93$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

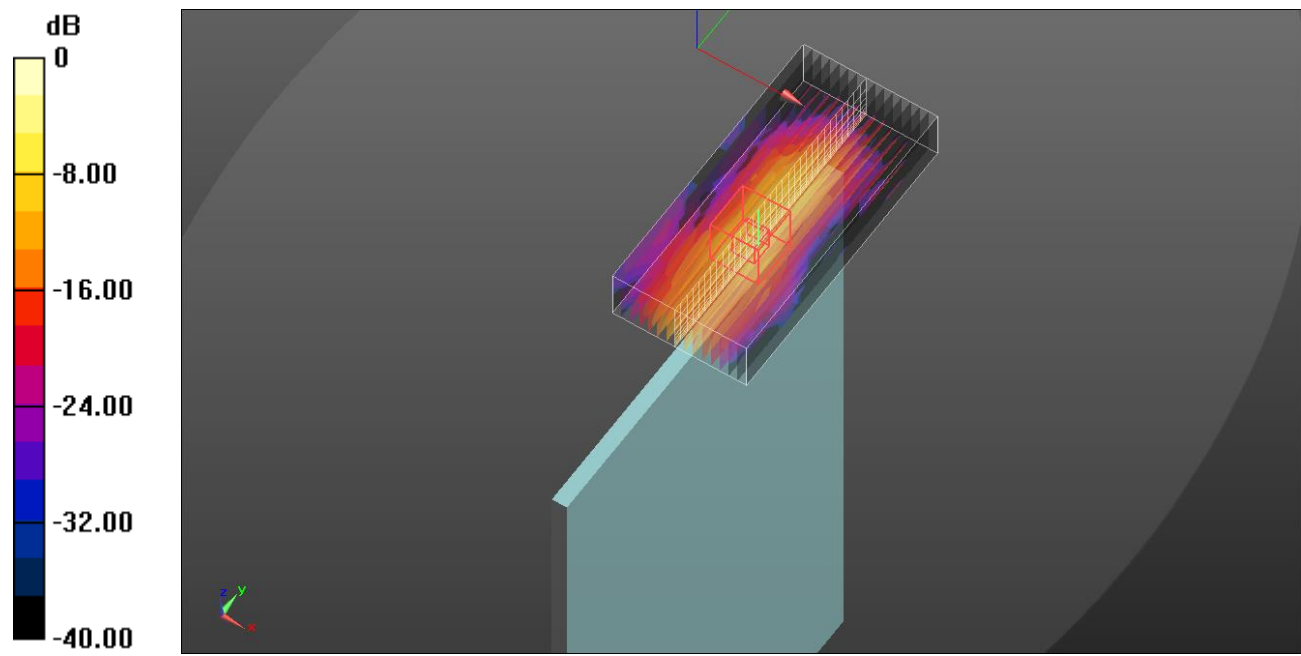
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(8.33, 8.33, 8.33) @ 1905 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) = 1.11 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (interpolated) = 4.35 W/kg



0 dB = 4.35 W/kg = 6.38 dBW/kg

LTE Band 48 + UNII Ant 2

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11ac 80 mode ch 58 Ant 2/Volume Scan:

Date/Time: 5/17/2021 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; $\sigma = 4.675$ S/m; $\epsilon_r = 34.962$; $\rho = 1000$ kg/m³

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 Edge 4/QPSK ch.56207 RB 1/0/Volume Scan:

Date/Time: 5/25/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (TDD) (0); Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; PMF: 1

Medium: HSL 3700 Medium parameters used (interpolated): $f = 3646.7$ MHz; $\sigma = 3.067$ S/m; $\epsilon_r = 38.706$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

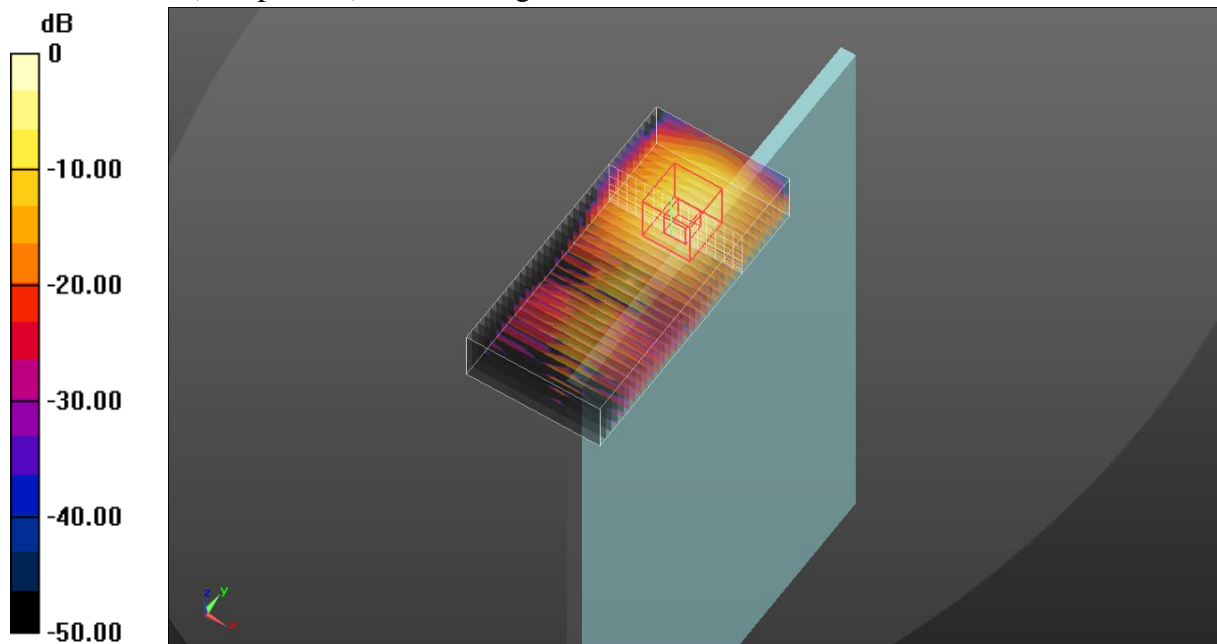
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.2, 7.2, 7.2) @ 3646.7 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 7/23/2020
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.602 W/kg

Maximum value of SAR (interpolated) = 3.39 W/kg



LTE Band 48 + UNII MIMO

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11ac 80 mode ch 155 MIMO/Volume Scan:

Date/Time: 2021-05-26 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5775 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL5GHz Medium parameters used: $f = 5775$ MHz; $\sigma = 5.166$ S/m; $\epsilon_r = 34.16$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(5.41, 5.41, 5.41) @ 5775 MHz; Calibrated: 2021-04-15
- 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 Edge 4/QPSK ch.56207 RB 1/0/Volume Scan:

Date/Time: 2021-05-25 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (TDD) (0); Frequency: 3646.7 MHz; Duty Cycle: 1:1.59956; PMF: 1

Medium: HSL 3700 Medium parameters used (interpolated): $f = 3646.7$ MHz; $\sigma = 3.067$ S/m; $\epsilon_r = 38.706$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

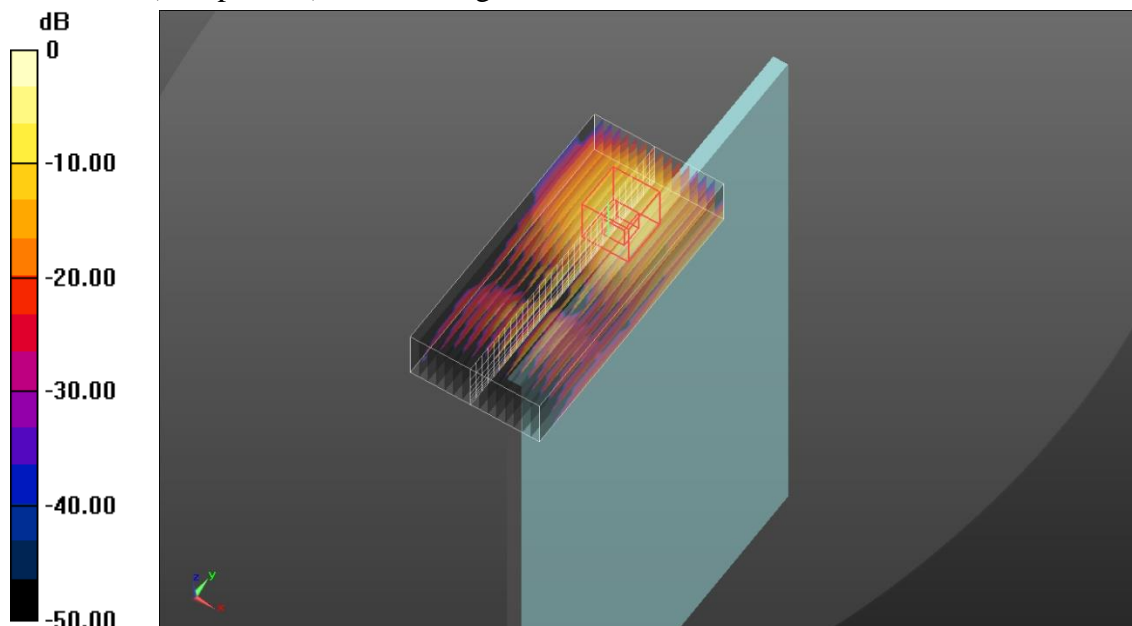
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.2, 7.2, 7.2) @ 3646.7 MHz; Calibrated: 2021-04-15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.591 W/kg

Maximum value of SAR (interpolated) = 3.32 W/kg



0 dB = 3.32 W/kg = 5.21 dBW/kg

NR Band n41 + UNII Ant 1 + Bluetooth

Multi-Band Average SAR Multi-Band Configurations:

DASY Configuration for Edge 4/QPSK Ch.518598 RB1/12/Volume Scan:

Date/Time: 5/19/2021 Test Laboratory: UL Korea, Ltd. Suwon Laboratory
Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005
Medium: HSL 3-6 GHz Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.894$ S/m; $\epsilon_r = 38.936$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN3871; ConvF(7.36, 7.36, 7.36) @ 2592.99 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 Edge 4/802.11ac VHT80 mode ch 58 Ant 1/Volume Scan:

Date/Time: 5/17/2021 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; $\sigma = 4.66$ S/m; $\epsilon_r = 37.177$; $\rho = 1000$ kg/m³
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)

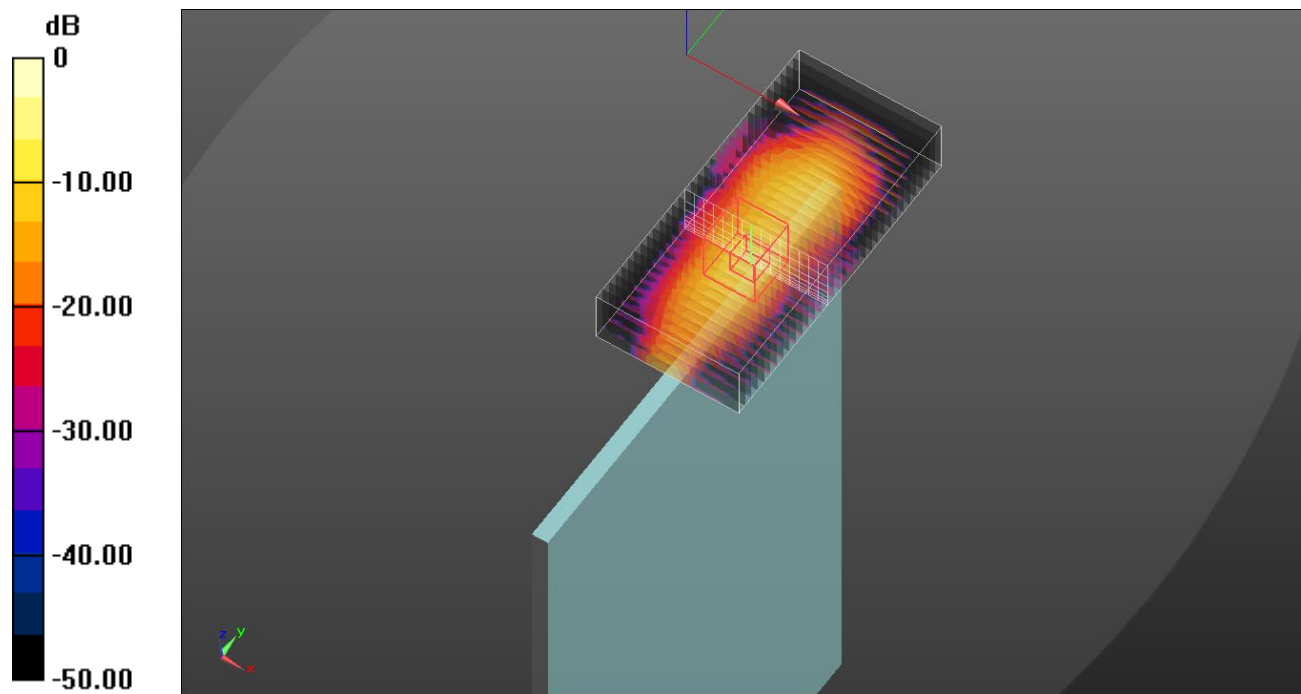
DASY Configuration for Edge 4/Bluetooth GFSK_ch39 Ant.1 /Volume Scan:

Date/Time: 5/17/2021 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; $\sigma = 1.75$ S/m; $\epsilon_r = 39.057$; $\rho = 1000$ kg/m³
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) = 0.422 W/kg
Maximum value of SAR (interpolated) = 5.12 W/kg



0 dB = 5.12 W/kg = 7.09 dBW/kg