

NR Band n41 (Ant.J)

Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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

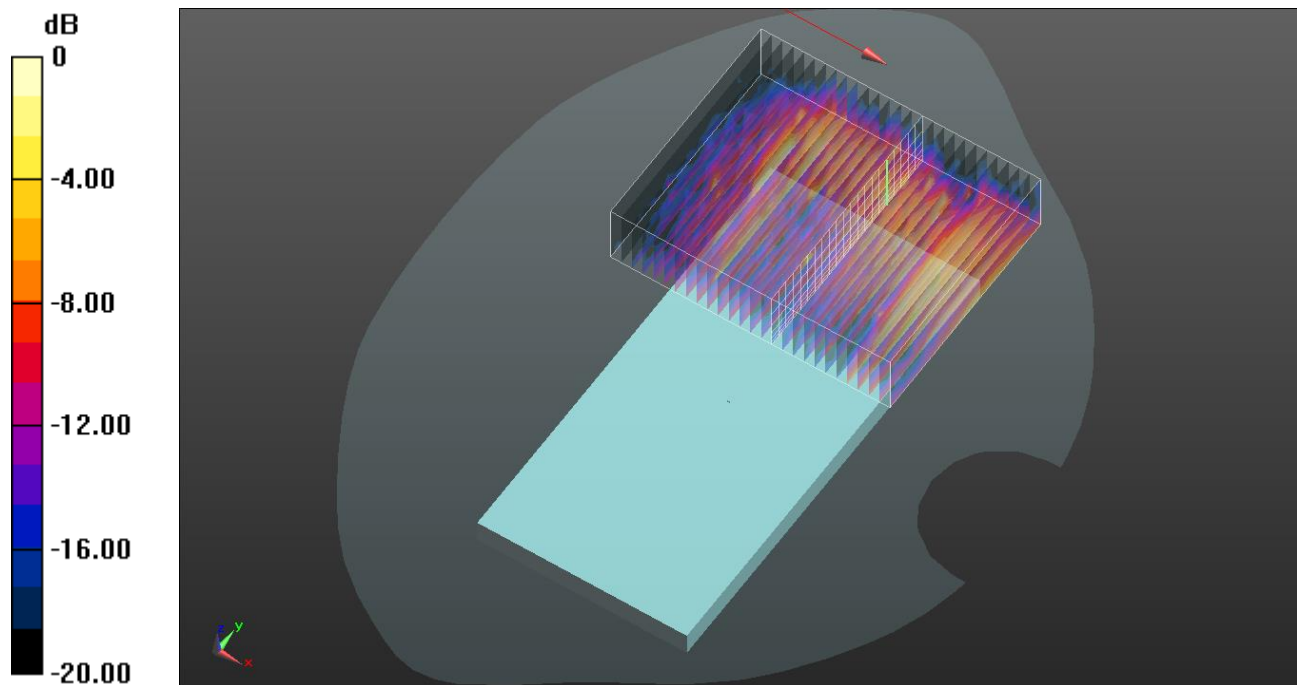
Volume scan/QPSK RB 1/271 ch.518598/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.772 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0689 W/kg



0 dB = 0.0689 W/kg = -11.62 dBW/kg

NR Band n77 (Ant.F)

Frequency: 3500.01 MHz; Duty Cycle: 1:4.35011; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.858$ S/m; $\epsilon_r = 38.994$; $\rho = 1000$ 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 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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

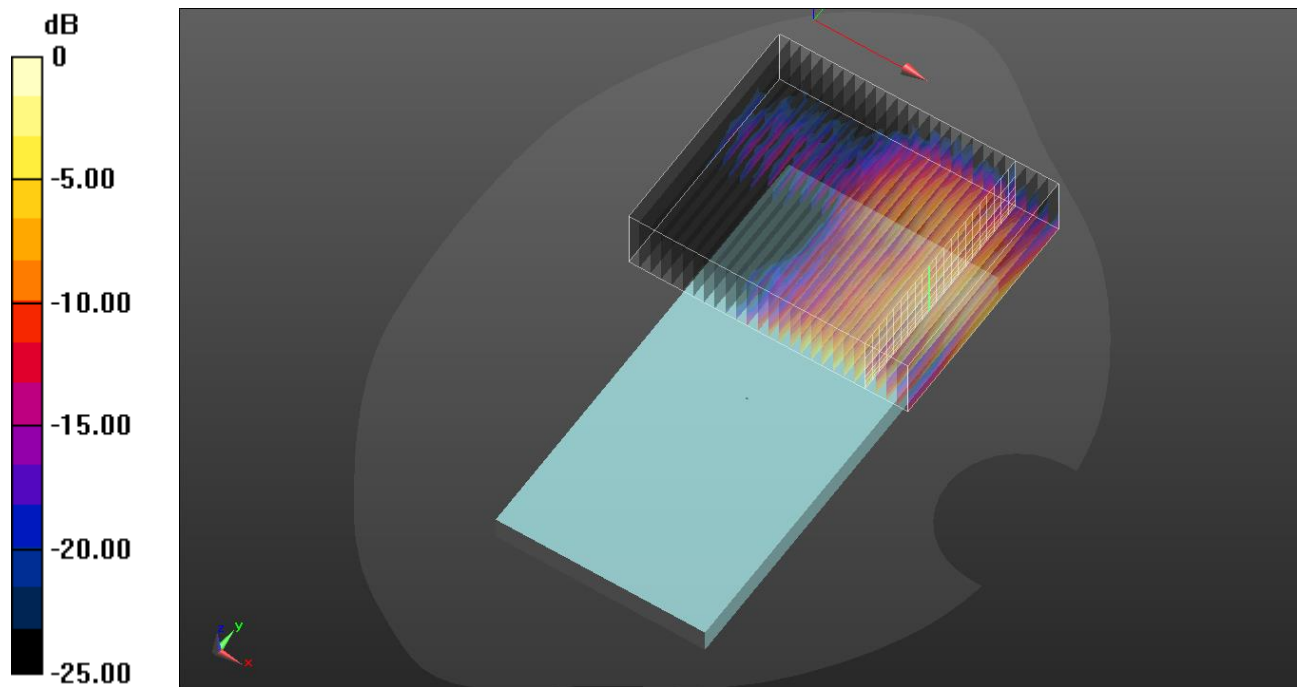
Volume scan/QPSK RB 135/69 ch.633334/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.909 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

NR Band n41 (Ant.J)

Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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

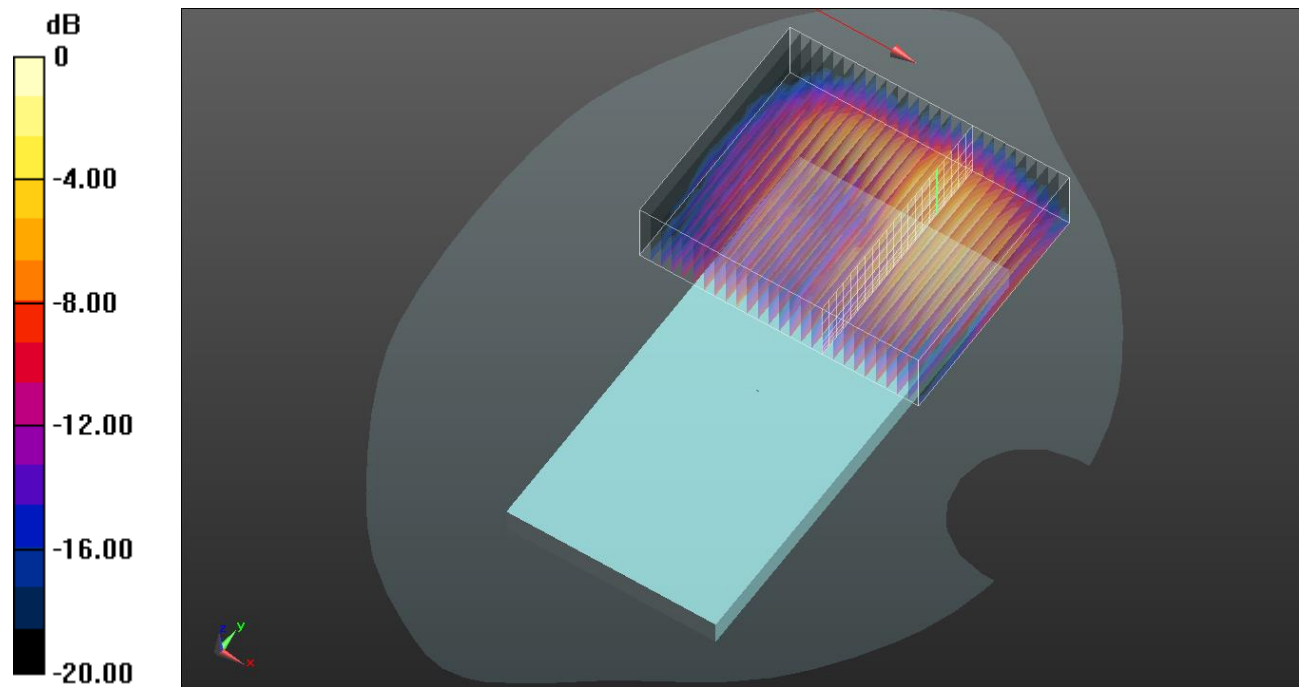
Volume scan/QPSK RB 1/271 ch.518598/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.415 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.171 W/kg = -7.67 dBW/kg

NR Band n41 (Ant.E)

Frequency: 2592.99 MHz; Duty Cycle: 1:3.49704; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 38.089$; $\rho = 1000$ 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 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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

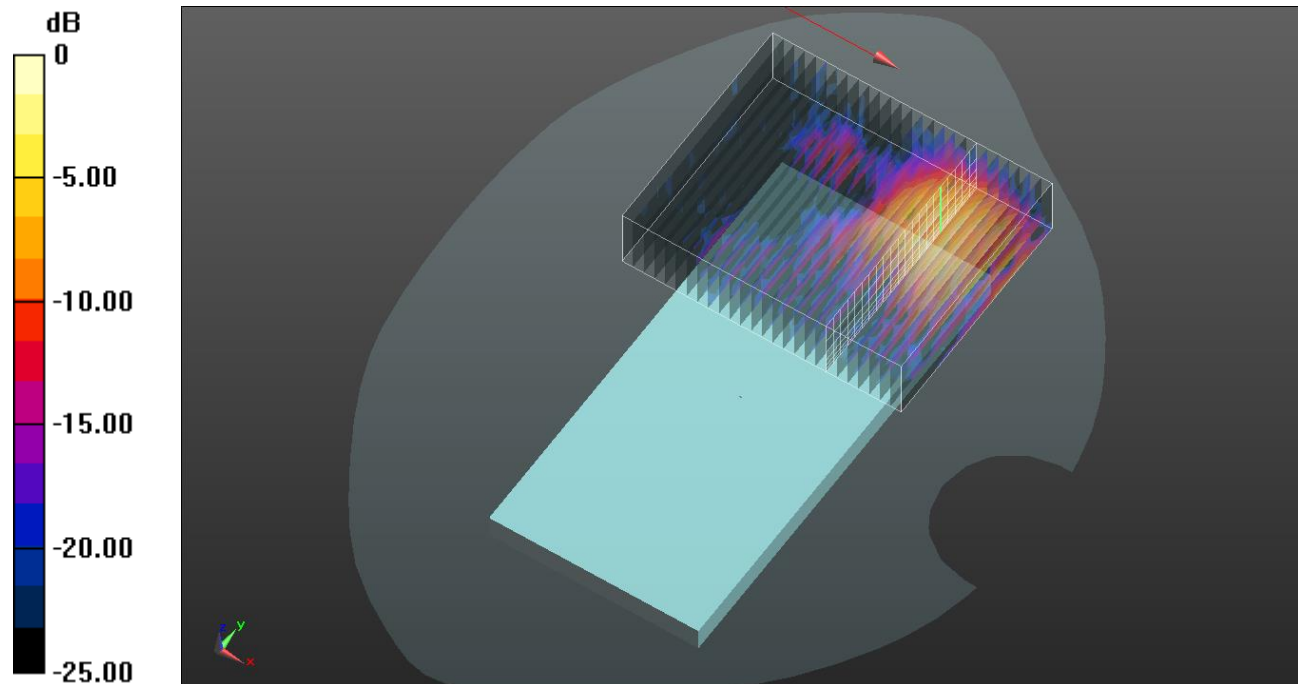
Volume scan/ch.518598/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.532 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0807 W/kg



0 dB = 0.0807 W/kg = -10.93 dBW/kg

NR Band n77 (Ant.F)

Frequency: 3930 MHz; Duty Cycle: 1:4.35011; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.328$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ 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 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 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

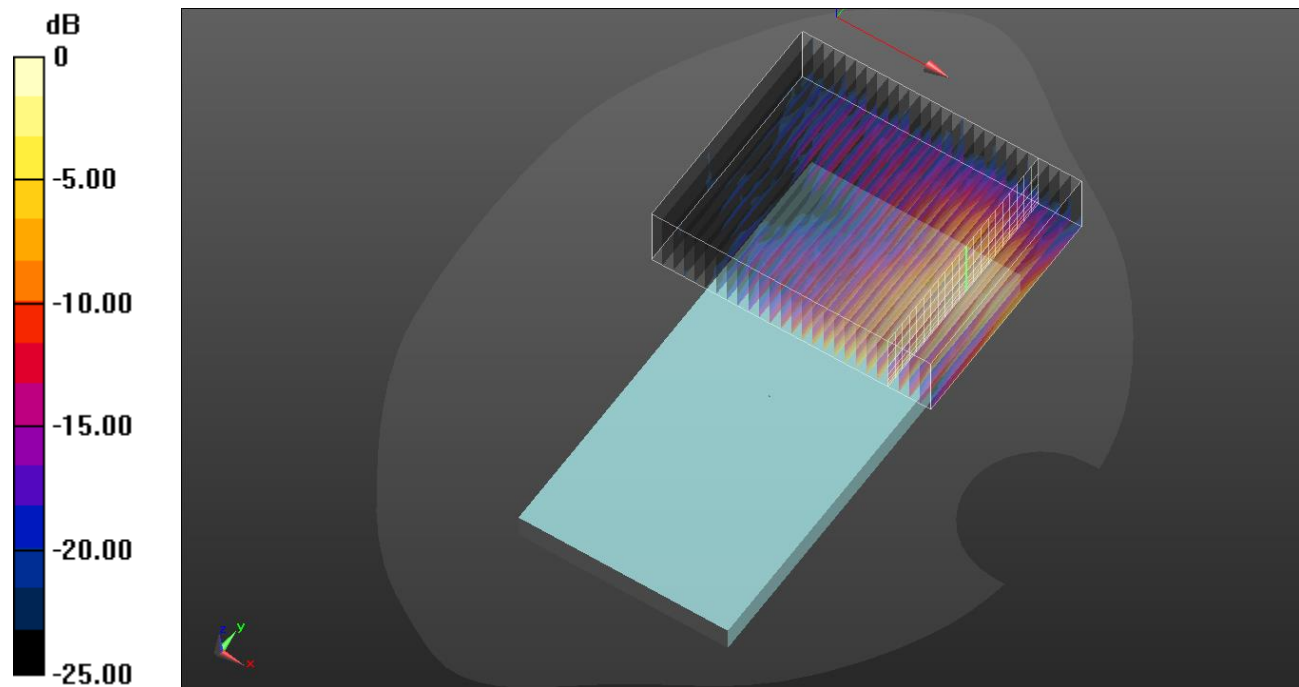
Volume scan/QPSK RB 135/69 ch.662000/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.821 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg

NR Band n77 (Ant.L)

Frequency: 3500.01 MHz; Duty Cycle: 1:3.49704; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.886$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ 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 Sn1468; Calibrated: 9/27/2021
- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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

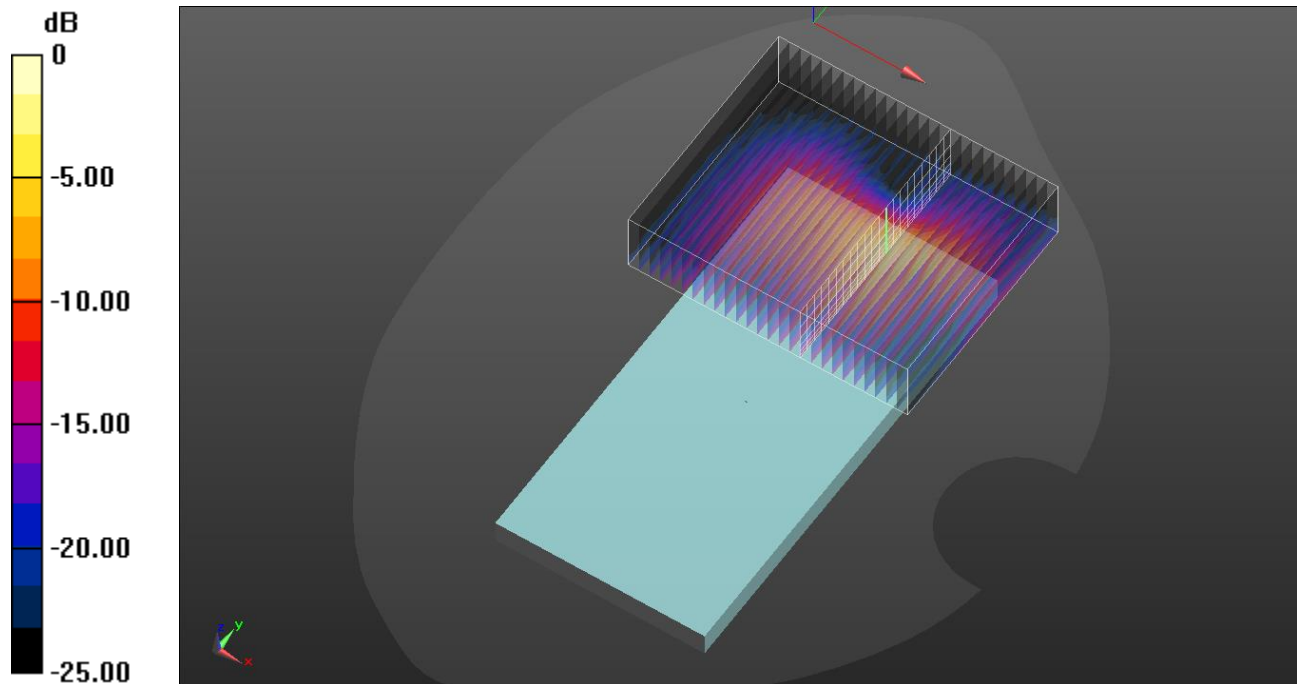
Volume scan/ch.633334/Volume Scan (27x22x7): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.43 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 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 (interpolated): $f = 5745$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 35.402$; $\rho = 1000$ 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 Sn1447; Calibrated: 3/23/2021
- Probe: EX3DV4 - SN7646; ConvF(5.29, 5.29, 5.29) @ 5745 MHz; Calibrated: 4/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

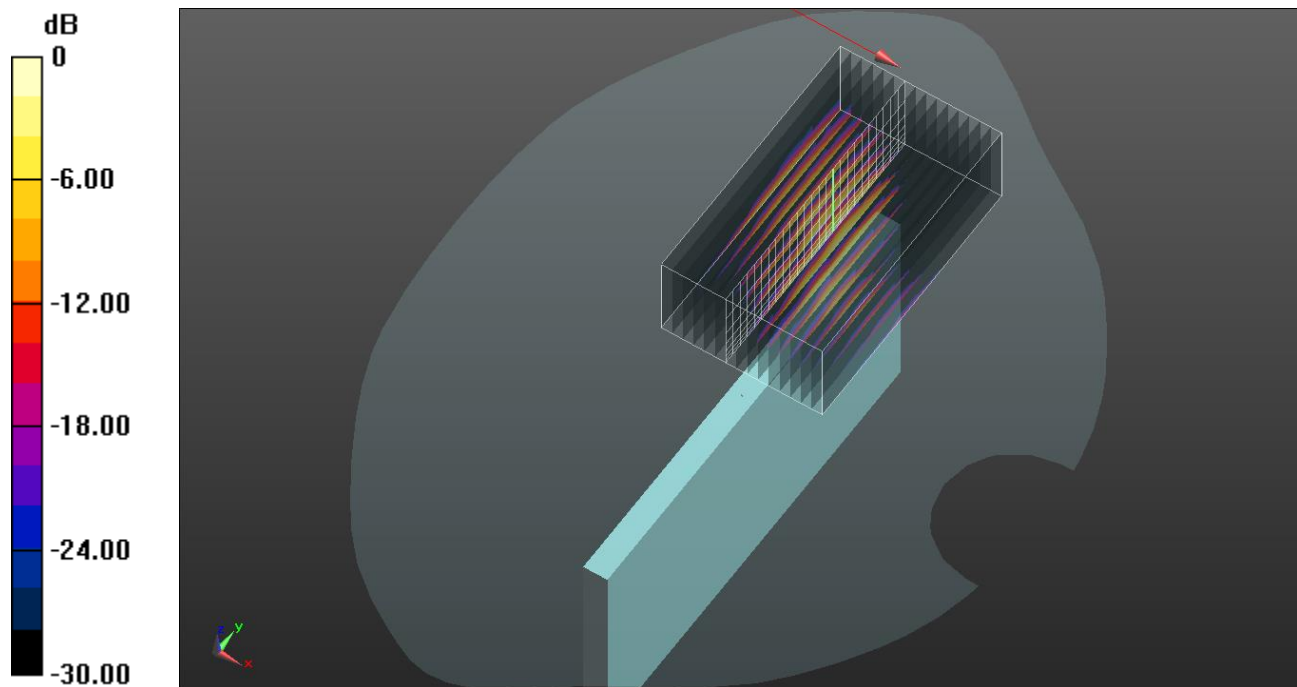
Edge 4/802.11 a mode ch.149 MIMO/Volume Scan (26x16x8): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.206 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 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; $\sigma = 1.765$ S/m; $\epsilon_r = 38.999$; $\rho = 1000$ 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 Sn1447; Calibrated: 3/23/2021
- Probe: EX3DV4 - SN7646; ConvF(8.58, 8.58, 8.58) @ 2441 MHz; Calibrated: 4/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

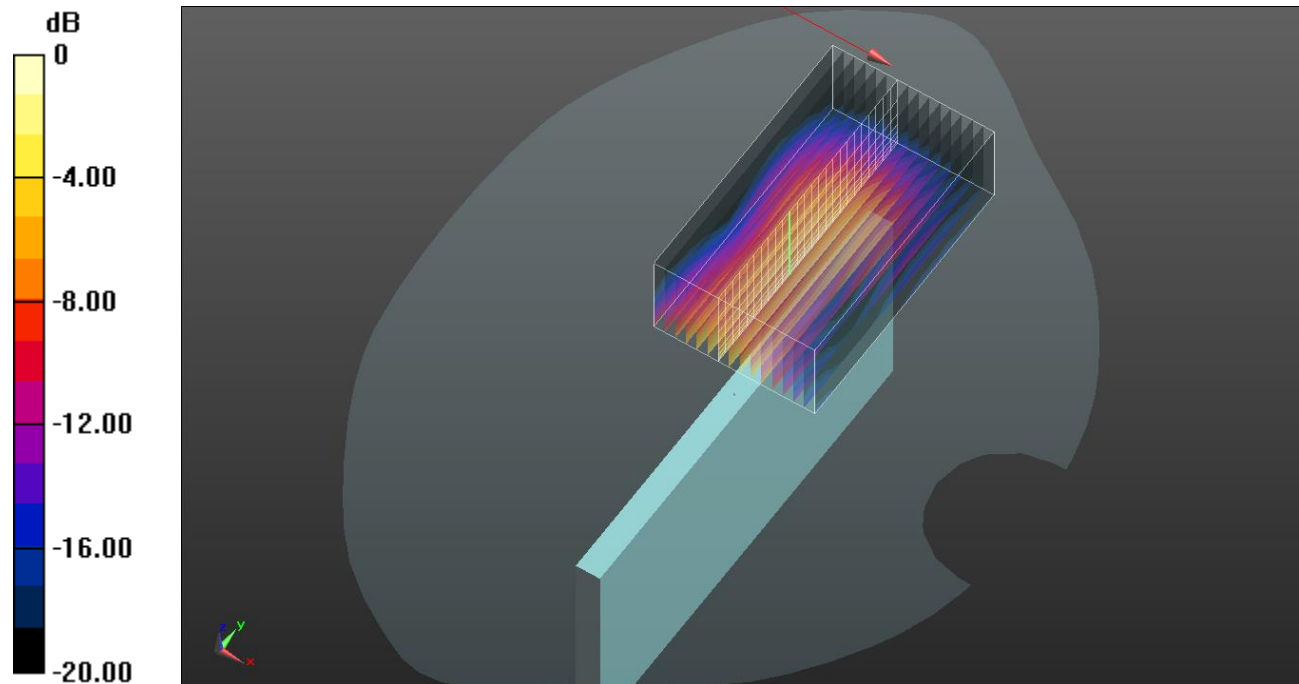
Edge 4/GFSK ch.39 Ant.2/Volume Scan (26x16x8): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.44 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.468 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



NR Band n77 (Ant.F)

Frequency: 3930 MHz; Duty Cycle: 1:4.35011; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.376$ S/m; $\epsilon_r = 36.47$; $\rho = 1000$ 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 Sn1447; Calibrated: 3/23/2021
- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 MHz; Calibrated: 4/15/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846

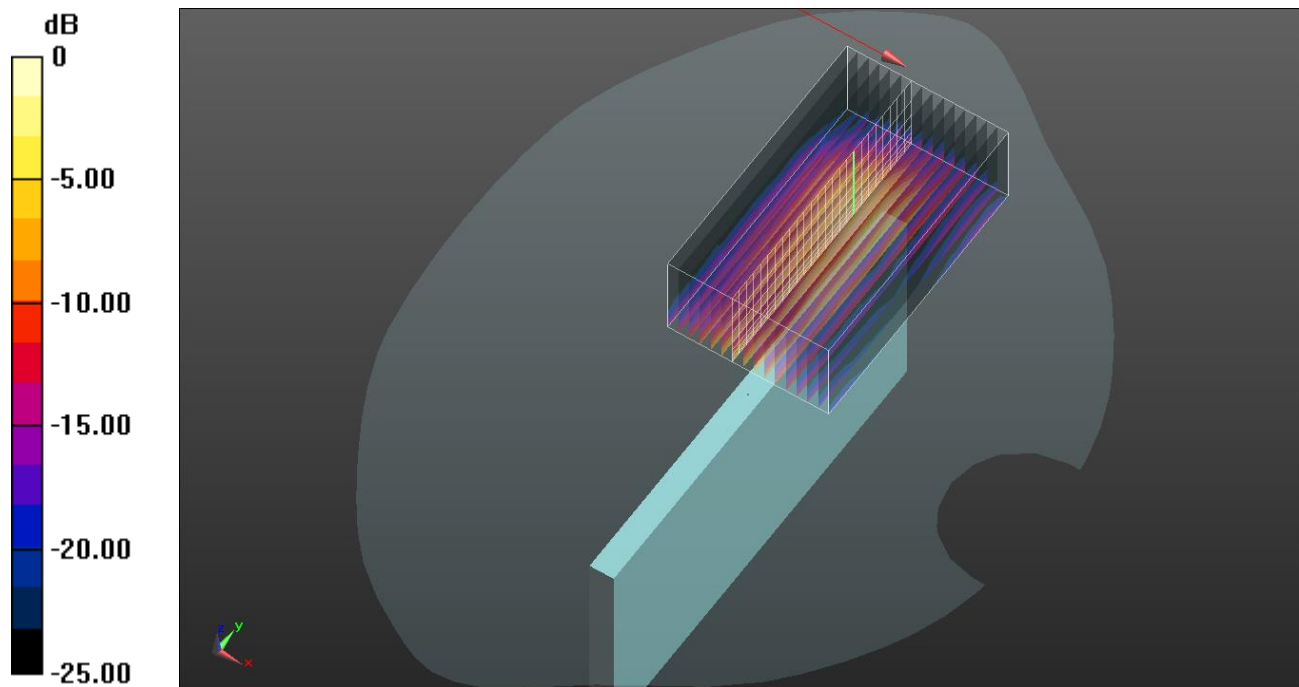
Volume scan/QPSK RB 135/69 ch.662000/Volume Scan (26x16x8): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.81 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.586 W/kg = -2.32 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; $\sigma = 1.762$ S/m; $\epsilon_r = 39.007$; $\rho = 1000$ 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 Sn1447; Calibrated: 3/23/2021
- Probe: EX3DV4 - SN7646; ConvF(8.58, 8.58, 8.58) @ 2437 MHz; Calibrated: 4/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:

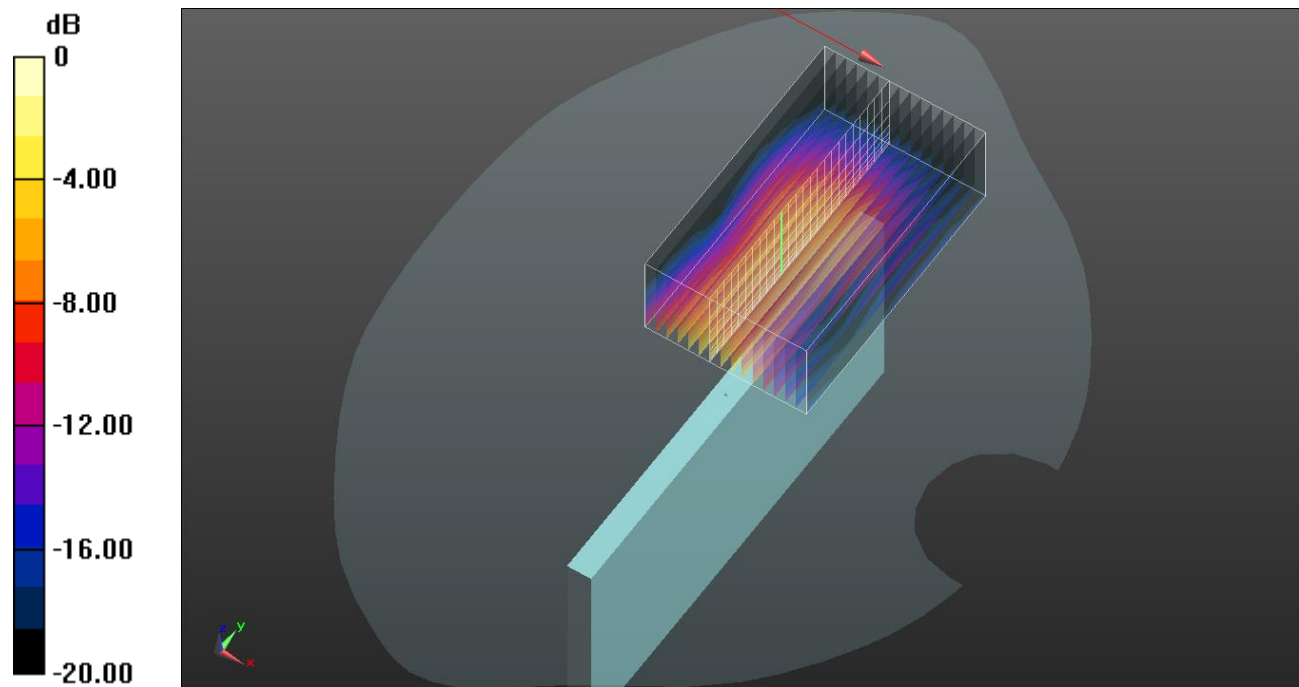
Edge 4/802.11 b mode ch.6 Ant 2/Volume Scan (26x16x8): Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.91 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg = -2.94 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; $\sigma = 1.34$ S/m; $\epsilon_r = 39.813$; $\rho = 1000$ 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: 7/27/2021
- Probe: EX3DV4 - SN7330; ConvF(8.9, 8.9, 8.9) @ 1720 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

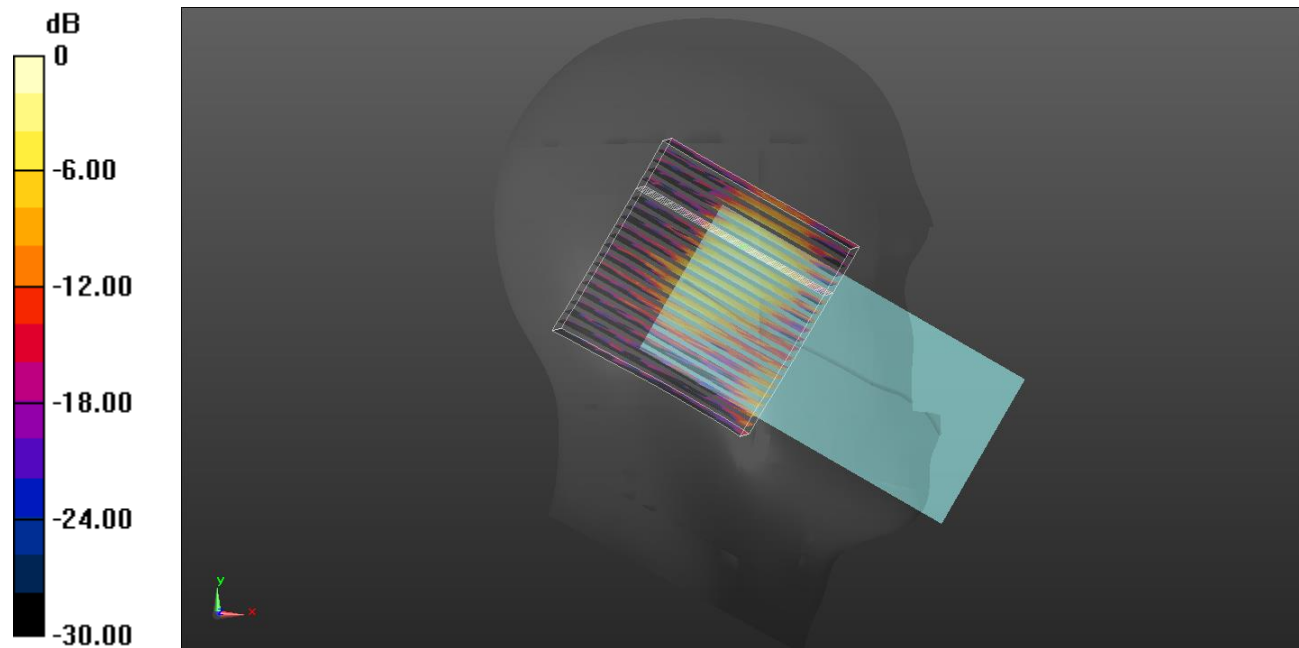
Left Tilt/QPSK RB 1/49 ch.132072/Volume Scan (21x21x7): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.584 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00768 W/kg

Maximum value of SAR (measured) = 0.0167 W/kg



0 dB = 0.0167 W/kg = -17.77 dBW/kg

NR Band n41 (Ant.J)

Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 38.124$; $\rho = 1000$ 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: 7/27/2021
- Probe: EX3DV4 - SN7330; ConvF(7.85, 7.85, 7.85) @ 2592.99 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751

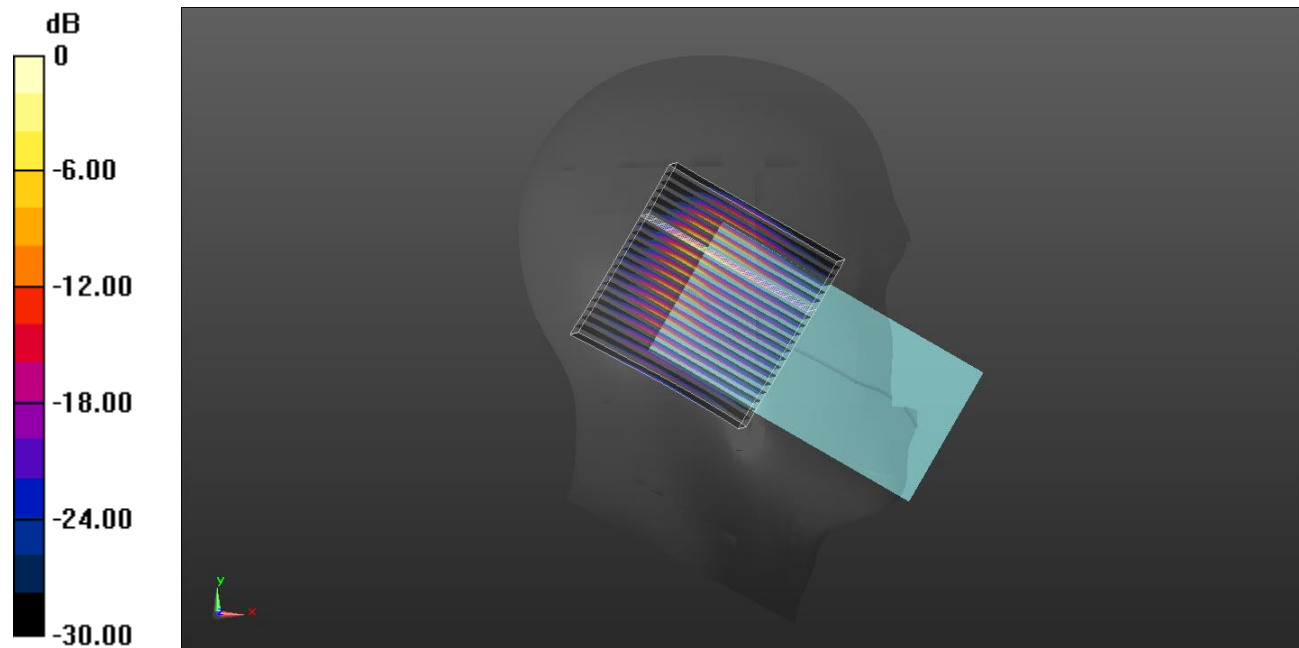
Left Tilt/QPSK RB 1/271 ch.519598/Volume Scan (21x21x7): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.61 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

UNII MIMO + Bluetooth Ant.1 + NR Band n41 (Ant.J)

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; $\sigma = 5.335$ S/m; $\epsilon_r = 34.364$; $\rho = 1000$ 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; $\sigma = 1.858$ S/m; $\epsilon_r = 38.604$; $\rho = 1000$ 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)

DASY Configuration for Volume scan/QPSK RB 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

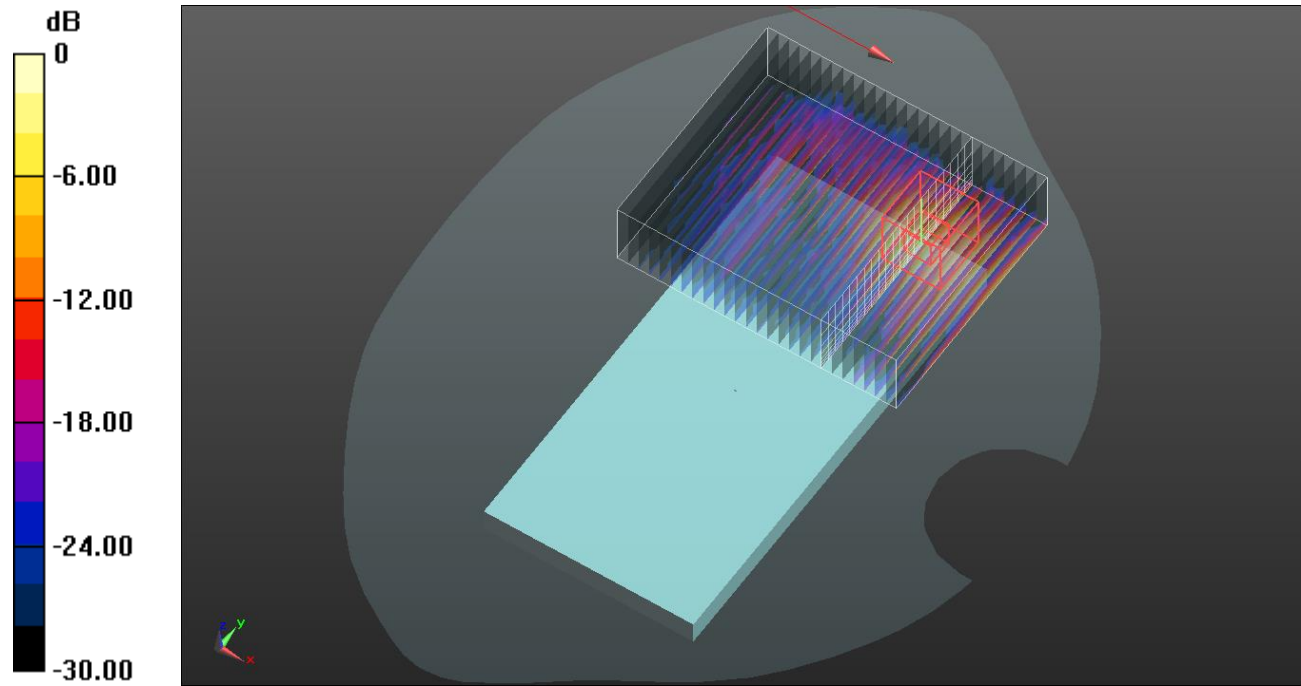
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.16 W/kg; SAR(10 g) = 0.421 W/kg

Maximum value of SAR (interpolated) = 4.41 W/kg



0 dB = 4.41 W/kg = 6.44 dBW/kg

UNII MIMO + Bluetooth Ant 2 + NR Band n41 (Ant.J)

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; $\sigma = 5.335$ S/m; $\epsilon_r = 34.364$; $\rho = 1000$ 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)
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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; $\sigma = 1.797$ S/m; $\epsilon_r = 38.071$; $\rho = 1000$ 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)
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DASY Configuration for Volume scan/QPSK RB 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

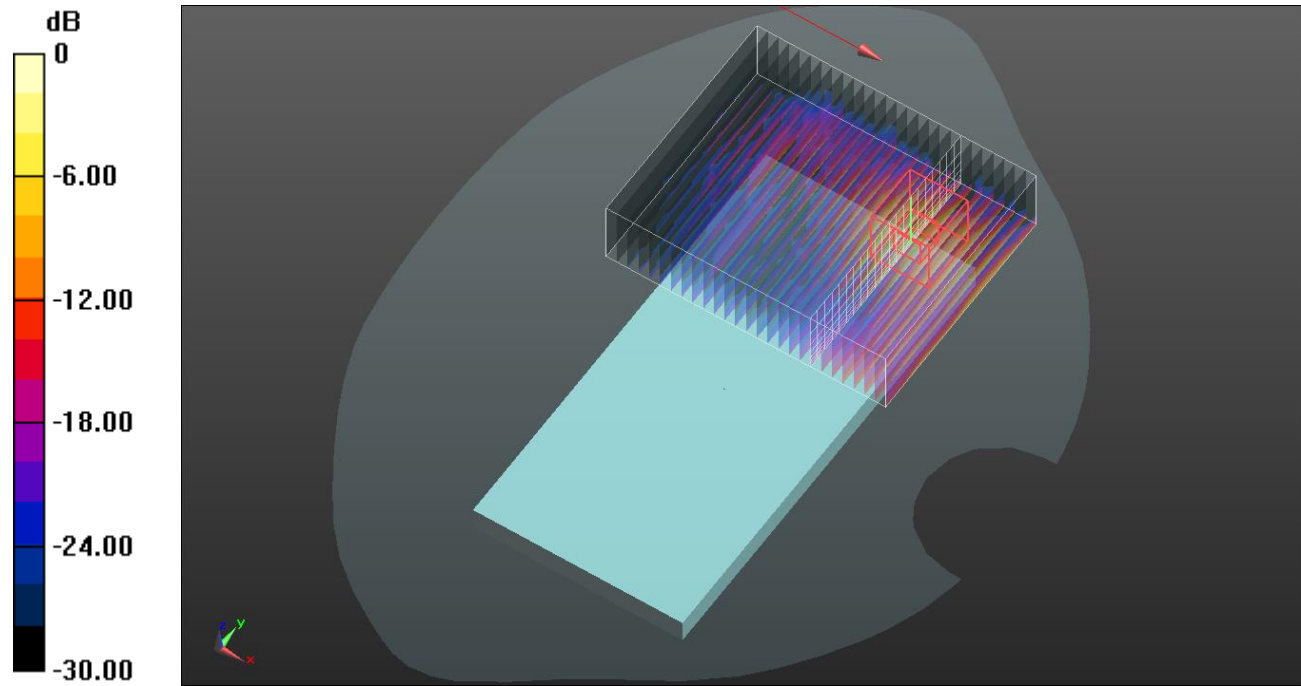
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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)
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Multi Band Result:

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (interpolated) = 4.43 W/kg



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

UNII MIMO + Bluetooth MIMO + NR Band n41 (Ant.J)

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a 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; $\sigma = 5.335$ S/m; $\epsilon_r = 34.364$; $\rho = 1000$ 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 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; $\sigma = 1.823$ S/m; $\epsilon_r = 38.014$; $\rho = 1000$ 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)
-

DASY Configuration for Volume scan/QPSK RB 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

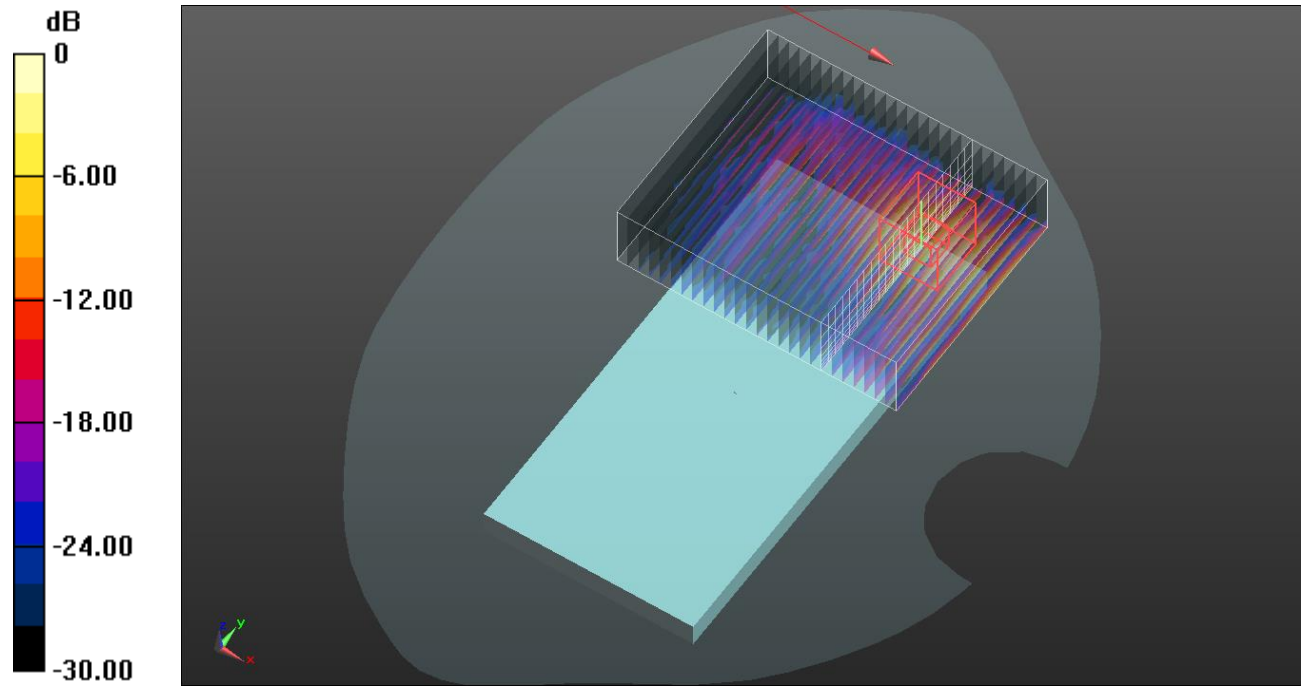
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.16 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (interpolated) = 4.41 W/kg



0 dB = 4.41 W/kg = 6.44 dBW/kg

UNII MIMO + Bluetooth Ant 1 + NR Band n77 (Ant.F)

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a 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; $\sigma = 5.335$ S/m; $\epsilon_r = 34.364$; $\rho = 1000$ 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; $\sigma = 1.858$ S/m; $\epsilon_r = 38.604$; $\rho = 1000$ 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)
-

DASY Configuration for Volume scan/QPSK RB 135/69 ch.633334/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.858$ S/m; $\epsilon_r = 38.994$; $\rho = 1000$ kg/m³

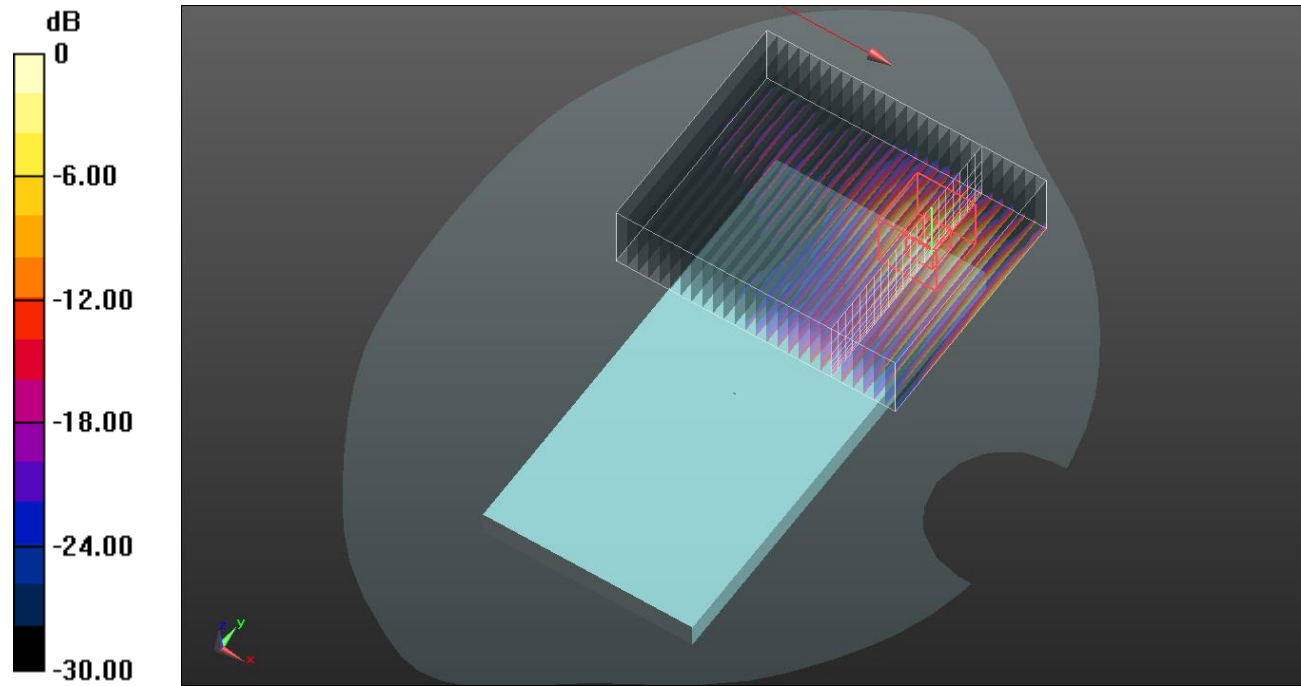
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.23 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (interpolated) = 4.51 W/kg



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

UNII MIMO + Bluetooth Ant 2 + NR Band n77 (Ant.F)

Multi-Band Configurations:

DASY Configuration for Volume scan/802.11 a 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; $\sigma = 5.335$ S/m; $\epsilon_r = 34.364$; $\rho = 1000$ 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)
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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; $\sigma = 1.797$ S/m; $\epsilon_r = 38.071$; $\rho = 1000$ 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)
-

DASY Configuration for Volume scan/ QPSK RB 135/69 ch.633334/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.858$ S/m; $\epsilon_r = 38.994$; $\rho = 1000$ kg/m³

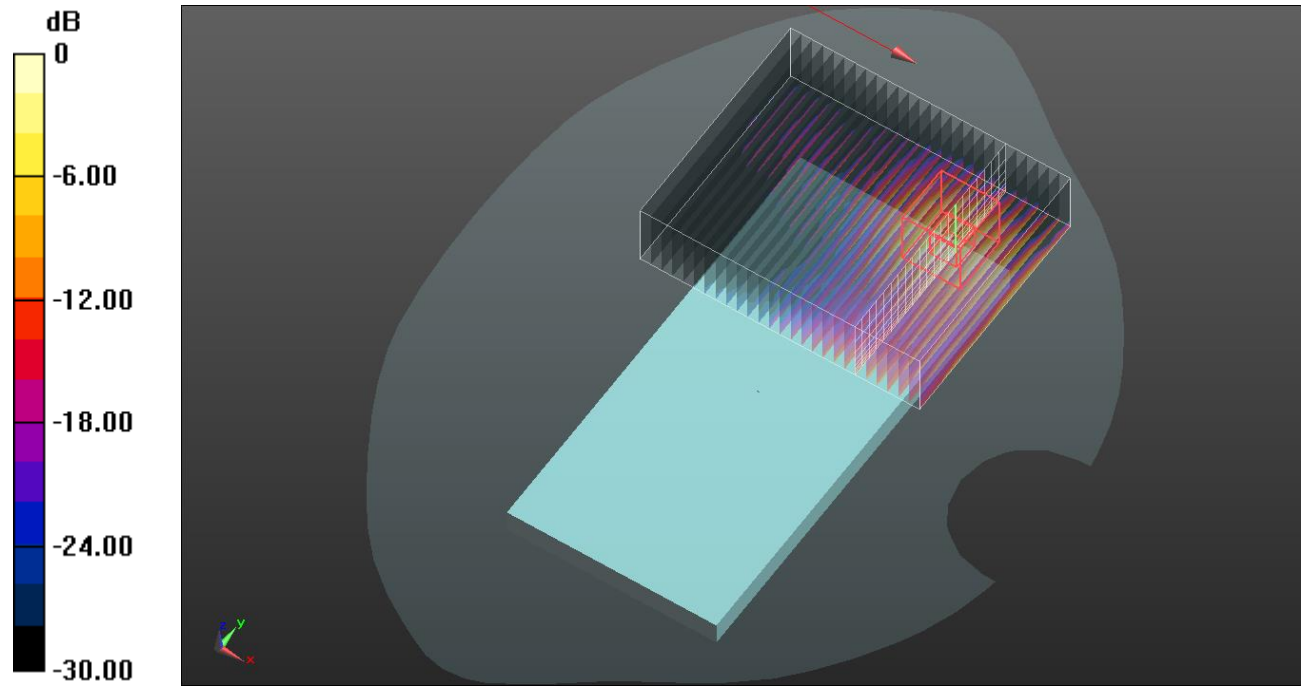
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.23 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (interpolated) = 4.52 W/kg



0 dB = 4.52 W/kg = 6.55 dBW/kg

UNII MIMO + Bluetooth MIMO + NR Band n77 (Ant.F)

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; $\sigma = 5.335$ S/m; $\epsilon_r = 34.364$; $\rho = 1000$ 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)
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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; $\sigma = 1.823$ S/m; $\epsilon_r = 38.014$; $\rho = 1000$ 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)
-

DASY Configuration for Volume scan/ QPSK RB 135/69 ch.633334/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.858$ S/m; $\epsilon_r = 38.994$; $\rho = 1000$ kg/m³

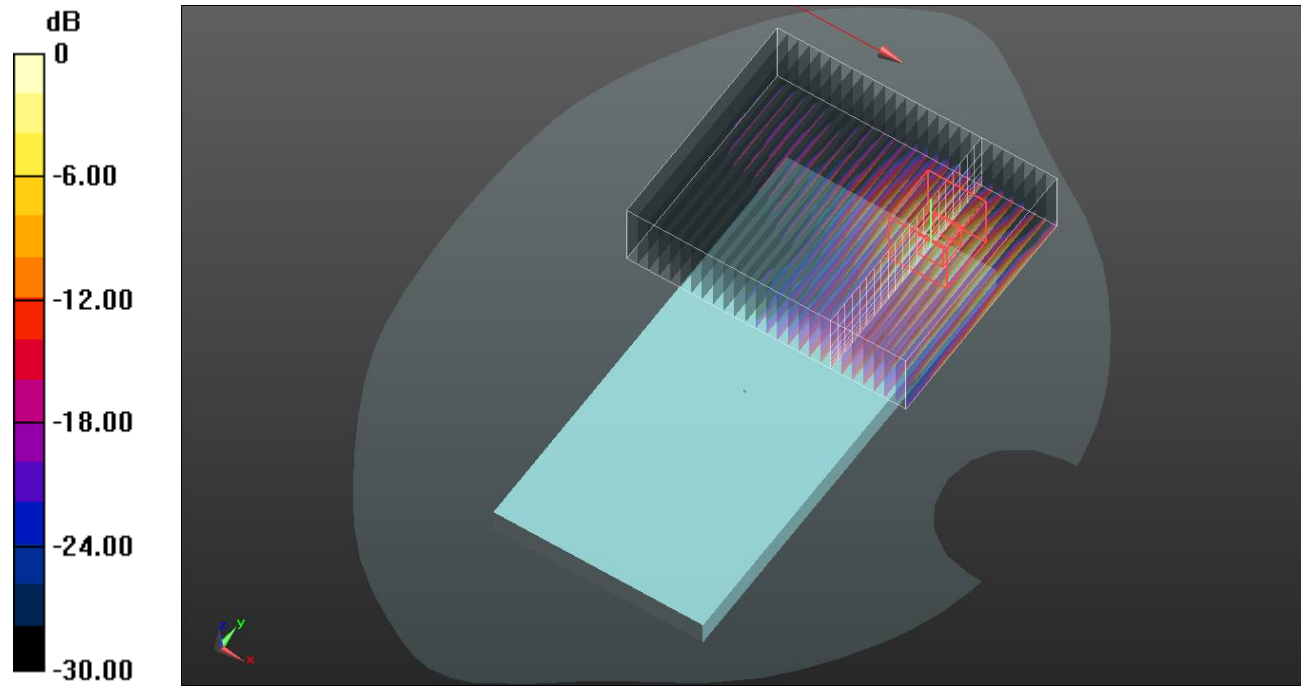
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.21 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (interpolated) = 4.49 W/kg



0 dB = 4.49 W/kg = 6.52 dBW/kg

UNII MIMO + Bluetooth Ant 1 + NR Band n41 (Ant.J)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.747$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³

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 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF:

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

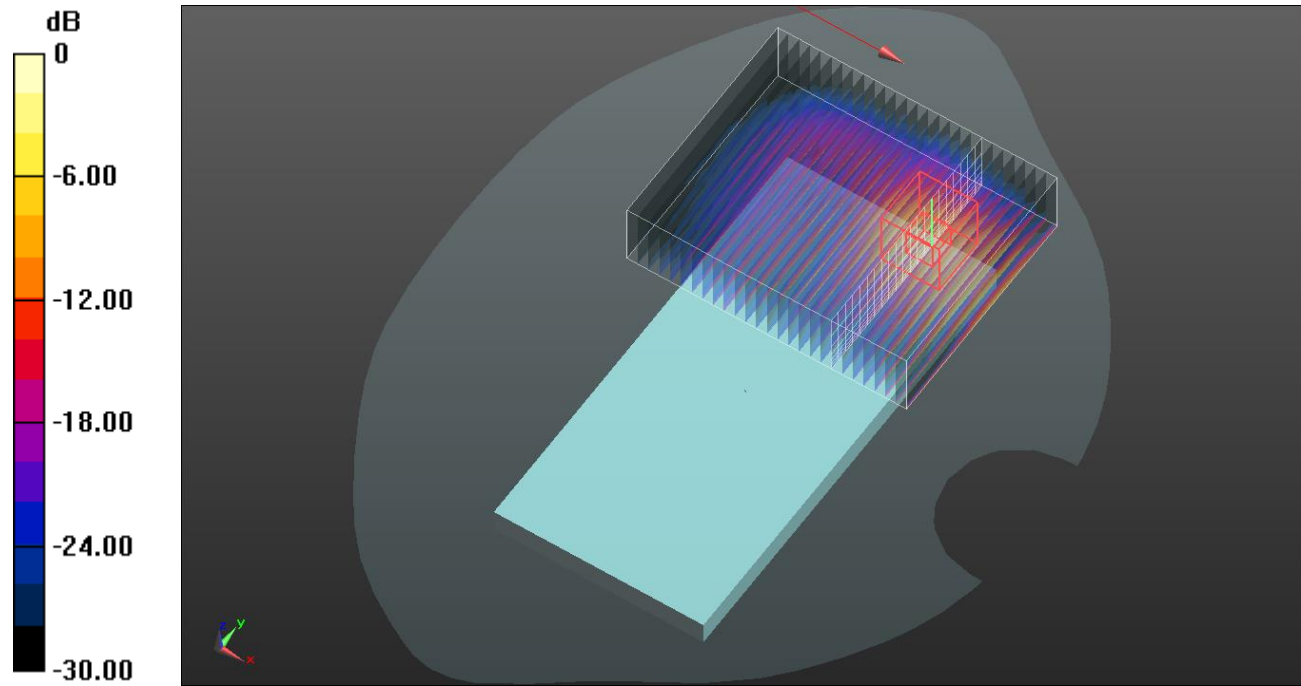
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.38 W/kg; SAR(10 g) = 0.496 W/kg

Maximum value of SAR (interpolated) = 4.61 W/kg



0 dB = 4.61 W/kg = 6.64 dBW/kg

UNII MIMO + Bluetooth Ant 2+ NR Band n41 (Ant.J)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.747$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³

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 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF:

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

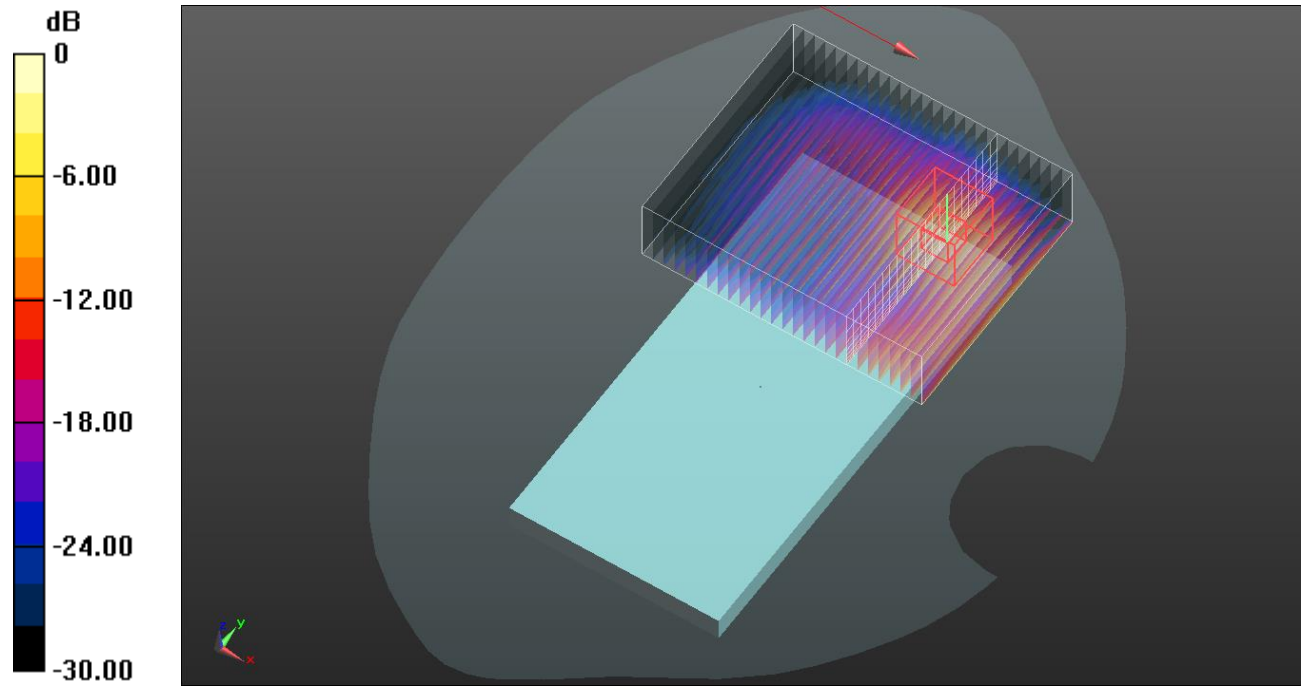
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.42 W/kg; SAR(10 g) = 0.518 W/kg

Maximum value of SAR (interpolated) = 4.65 W/kg



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

UNII MIMO + Bluetooth MIMO+ NR Band n41 (Ant.J)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.772$ S/m; $\epsilon_r = 38.339$; $\rho = 1000$ kg/m³

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)
-

DASY Configuration for Volume scan/QPSK RB 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF:

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

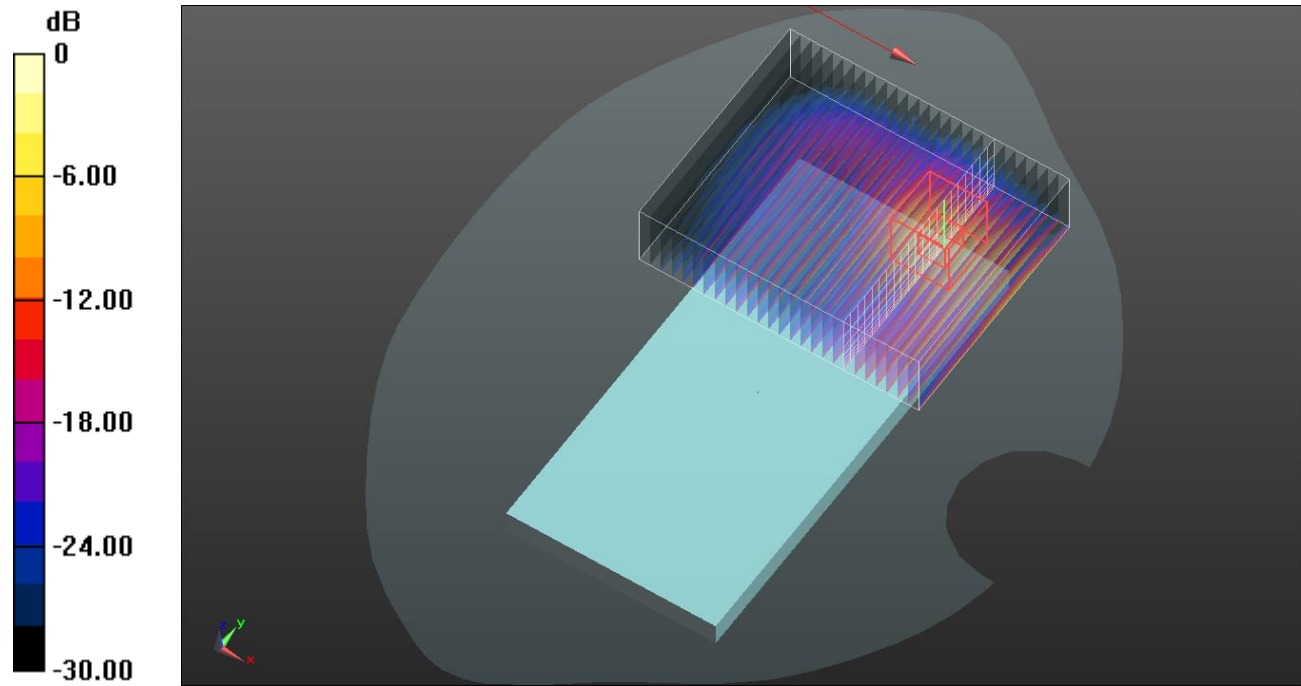
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.36 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (interpolated) = 4.59 W/kg



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

UNII MIMO + DTS Ant 1 + NR Band n41 (Ant.J)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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 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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF:

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

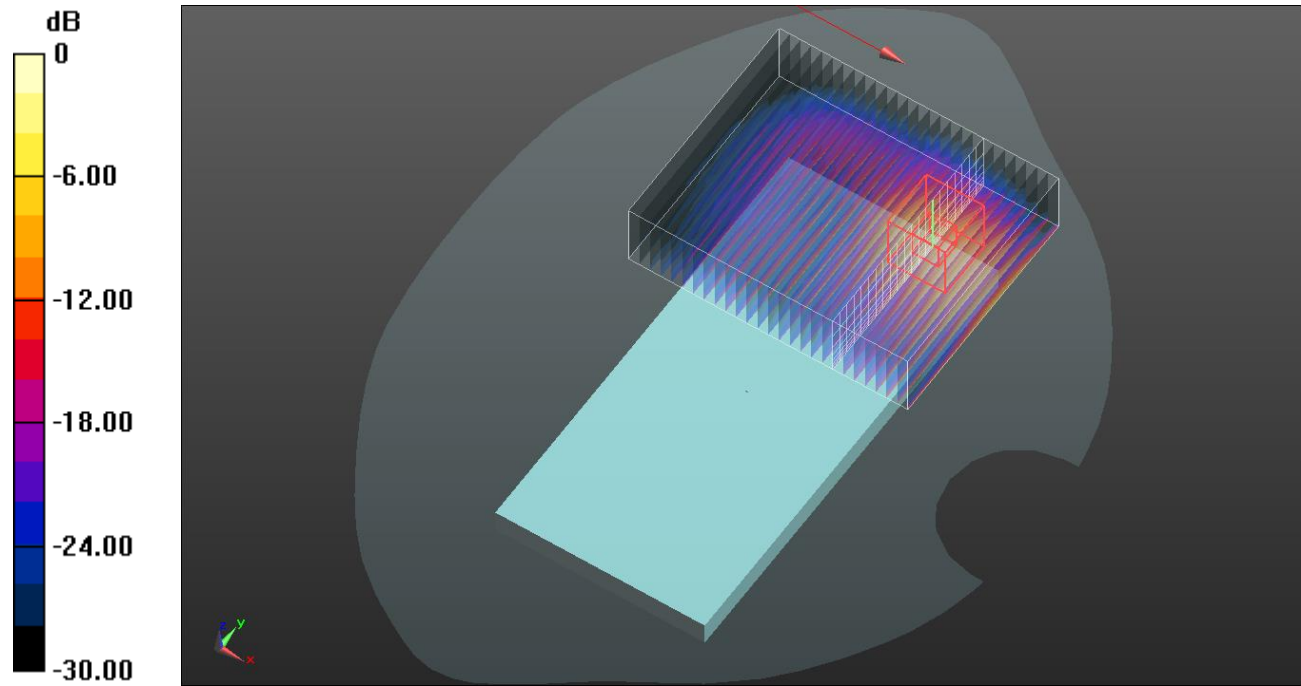
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.39 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (interpolated) = 4.57 W/kg



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

UNII MIMO + DTS Ant 2 + NR Band n41 (Ant.J)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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 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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF:

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

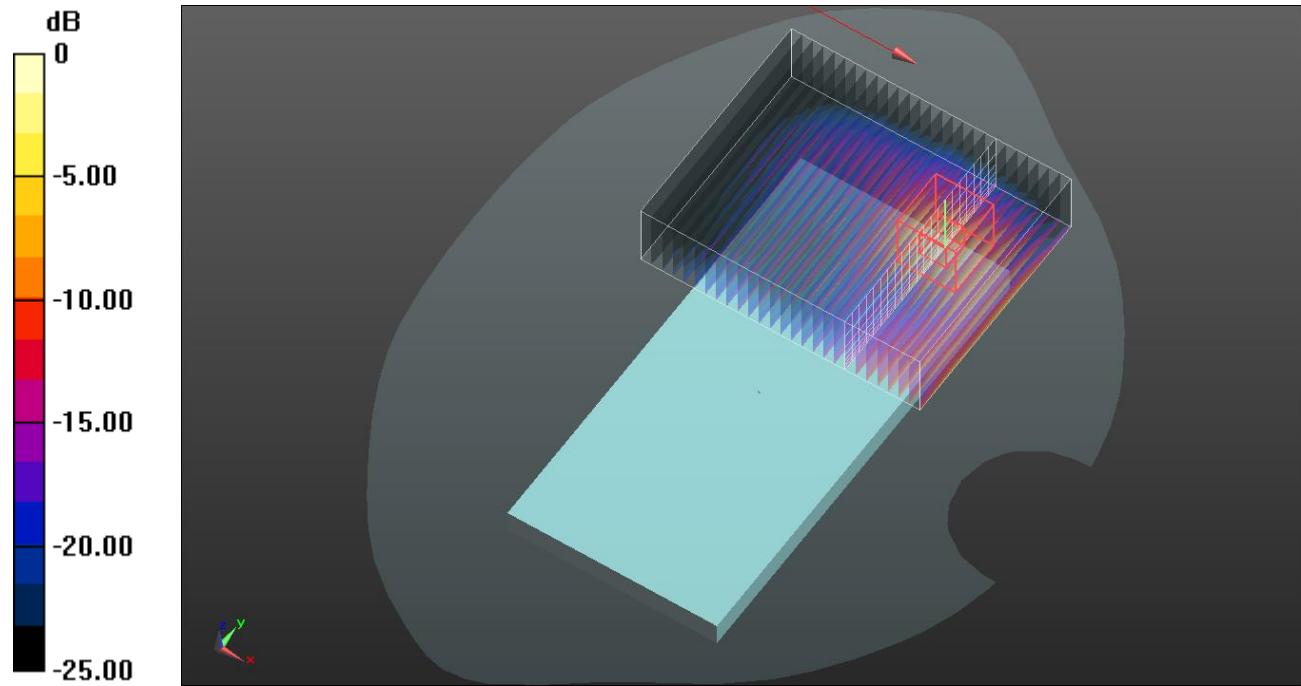
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.42 W/kg; SAR(10 g) = 0.522 W/kg

Maximum value of SAR (interpolated) = 4.65 W/kg



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

UNII MIMO + DTS MIMO + NR Band n41 (Ant.J)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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 1/271 ch.518598/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF:

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.964$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

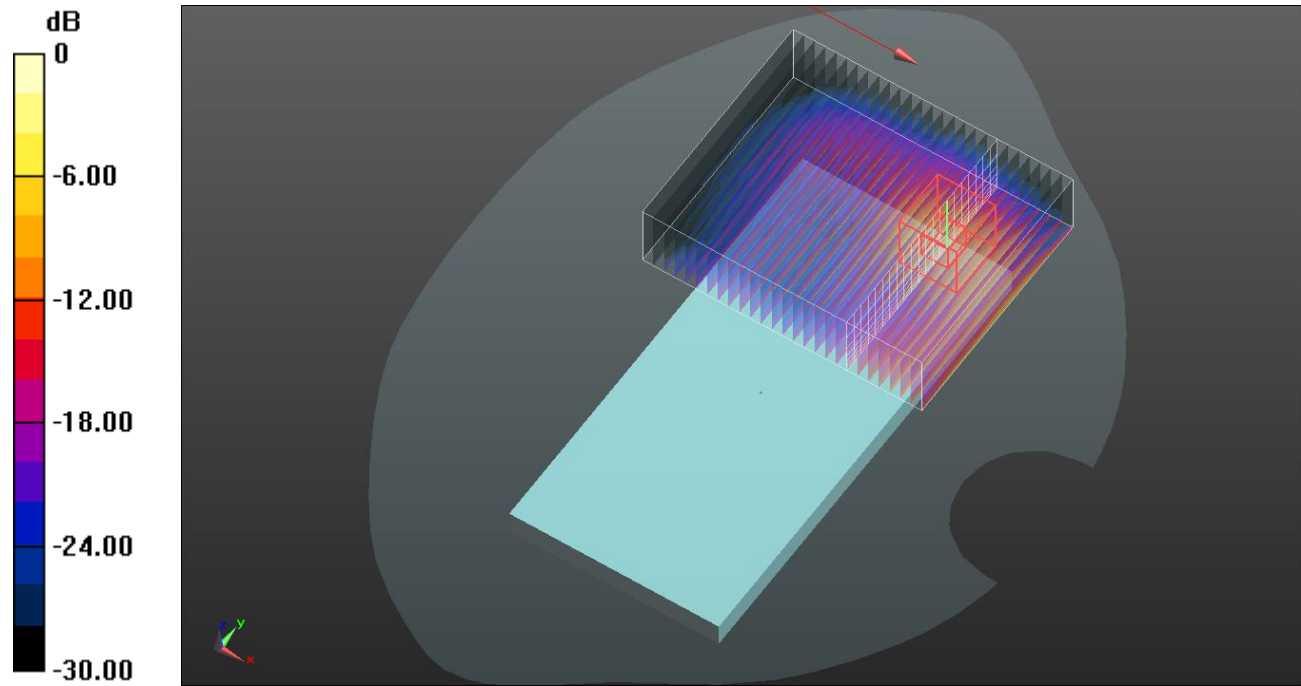
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 1.41 W/kg; SAR(10 g) = 0.518 W/kg

Maximum value of SAR (interpolated) = 4.64 W/kg



0 dB = 4.64 W/kg = 6.67 dBW/kg

UNII MIMO + Bluetooth Ant 2 + NR Band n41 (Ant.E)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.747$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³

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)
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DASY Configuration for Volume scan/ch.518598/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 38.089$; $\rho = 1000$ kg/m³

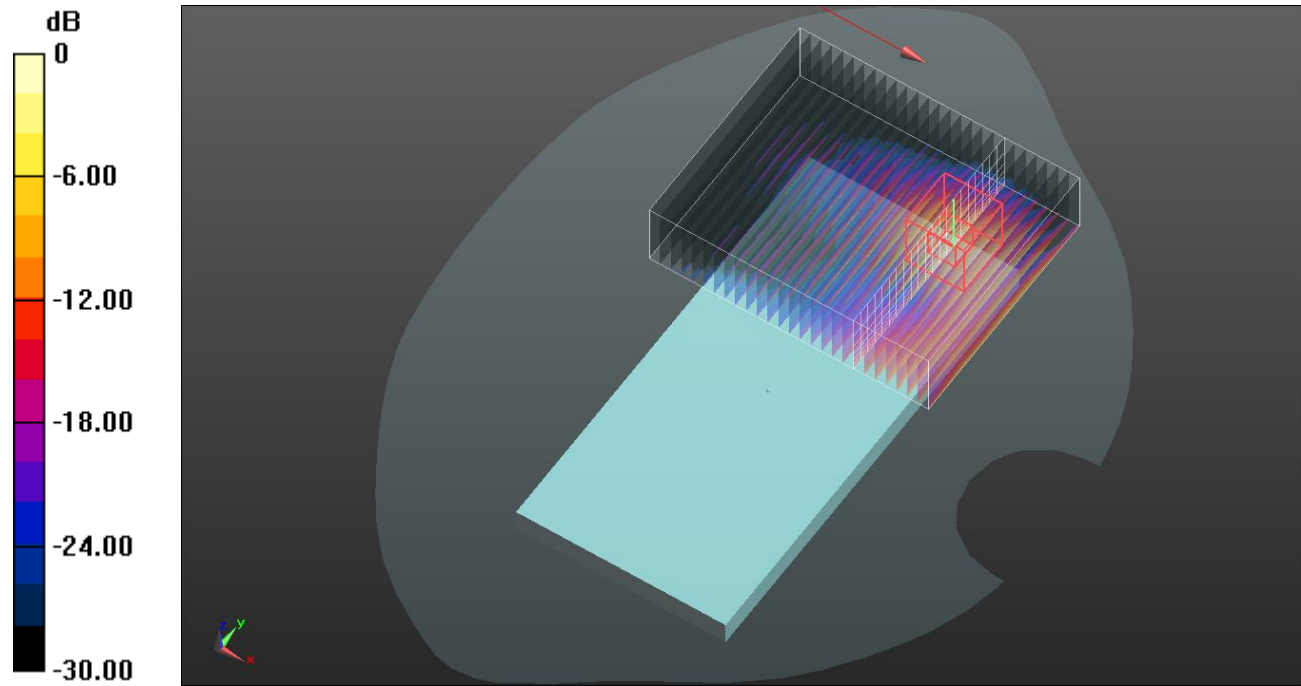
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 0.474 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 2 + NR Band n41 (Ant.E)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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 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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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/ch.518598/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 38.089$; $\rho = 1000$ kg/m³

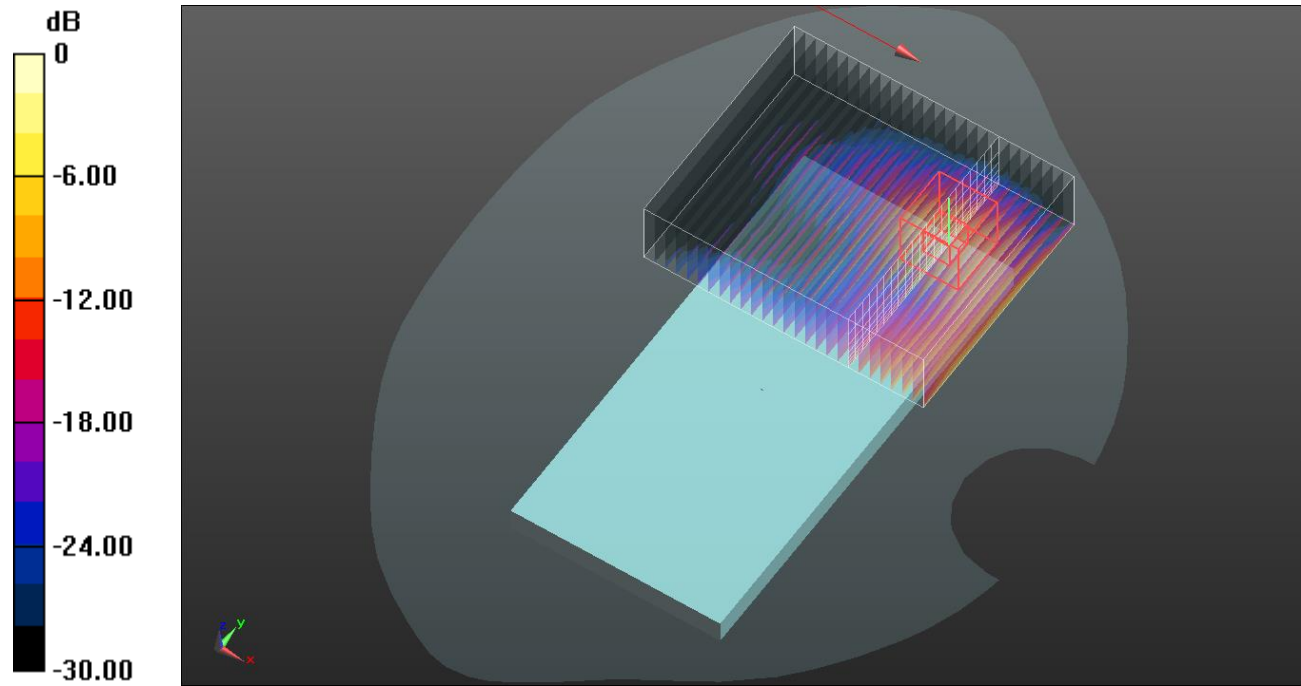
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7314; ConvF(7.3, 7.3, 7.3) @ 2592.99 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) = 0.479 W/kg

Maximum value of SAR (interpolated) = 4.53 W/kg



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

UNII MIMO + Bluetooth Ant 1 + NR Band n77 (Ant.F)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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: The name of your organization

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; $\sigma = 1.747$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³

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 135/69 ch.662000/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: The name of your organization

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.328$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ kg/m³

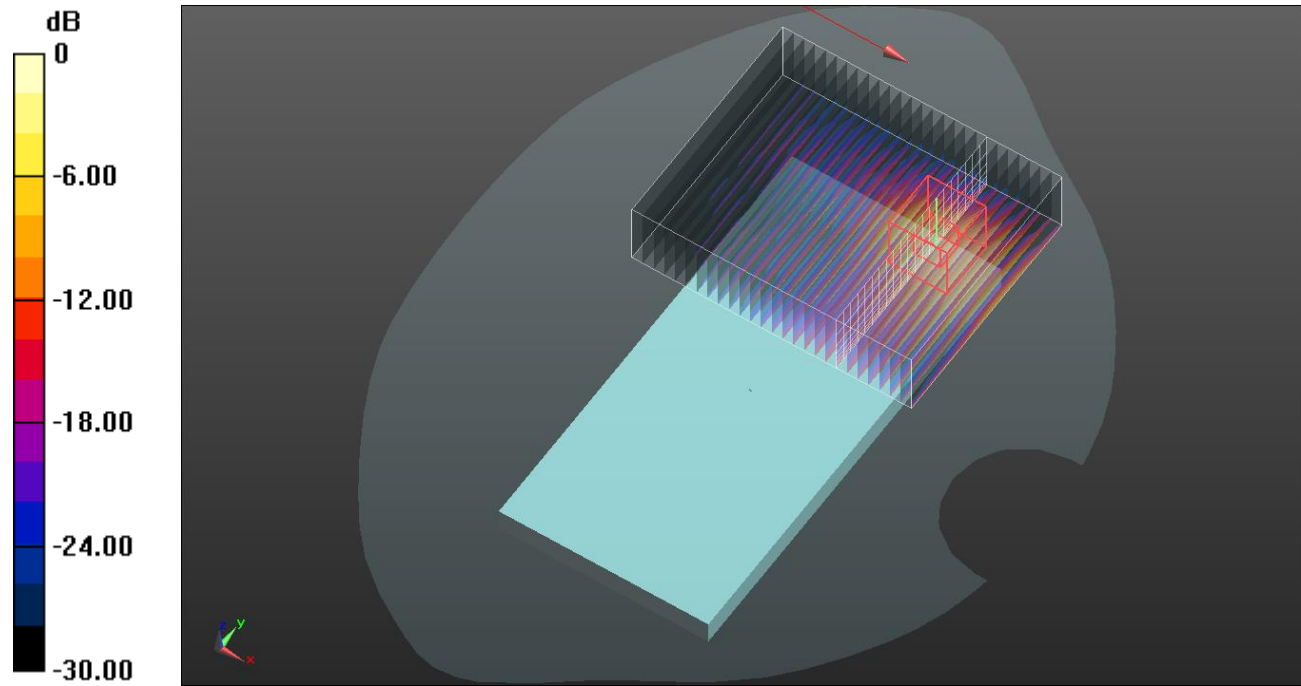
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 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) = 1.39 W/kg; SAR(10 g) = 0.498 W/kg

Maximum value of SAR (interpolated) = 4.69 W/kg



0 dB = 4.69 W/kg = 6.71 dBW/kg

UNII MIMO + Bluetooth Ant 2 + NR Band n77 (Ant.F)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.747$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³

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)
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DASY Configuration for Volume scan/QPSK RB 135/69 ch.662000/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.328$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ kg/m³

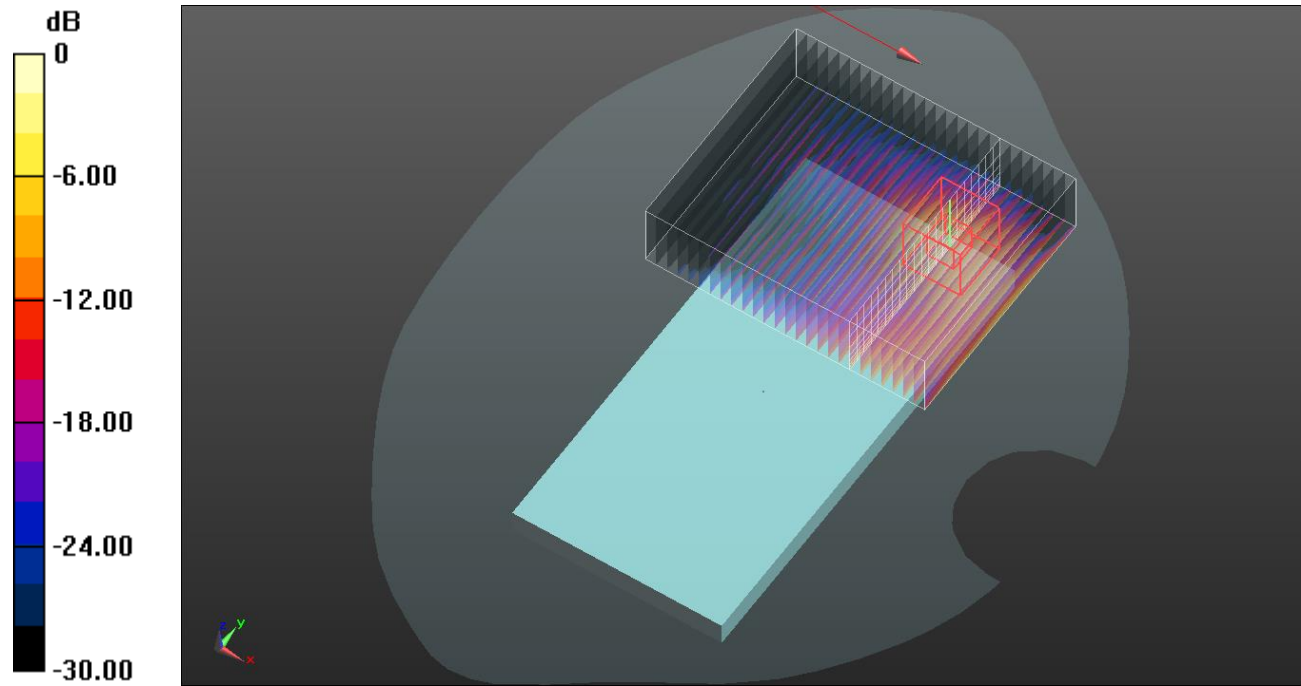
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 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) = 0.520 W/kg

Maximum value of SAR (interpolated) = 4.73 W/kg



0 dB = 4.73 W/kg = 6.75 dBW/kg

UNII MIMO + Bluetooth MIMO + NR Band n77 (Ant.F)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.772$ S/m; $\epsilon_r = 38.339$; $\rho = 1000$ kg/m³

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)
-

DASY Configuration for Volume scan/QPSK RB 135/69 ch.662000/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.328$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ kg/m³

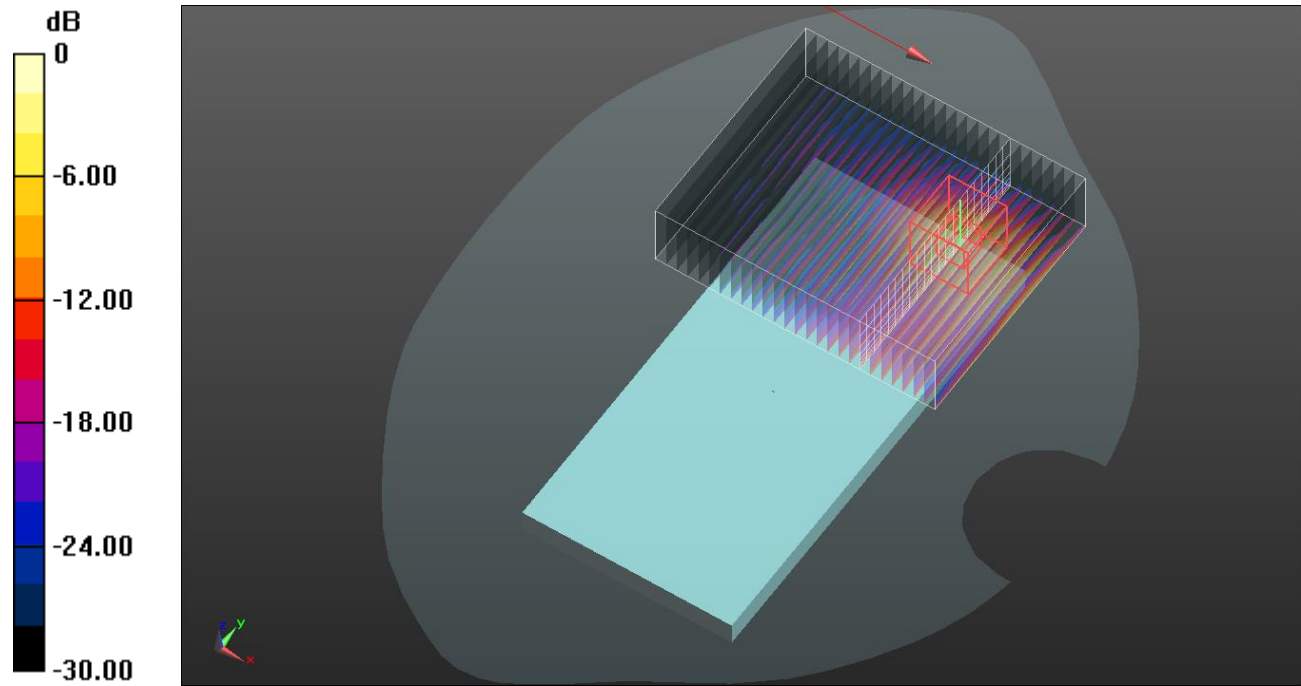
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 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) = 0.477 W/kg

Maximum value of SAR (interpolated) = 4.66 W/kg



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

UNII MIMO + DTS Ant 1+ NR Band n77 (Ant.F)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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 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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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 135/69 ch.662000/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.328$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ kg/m³

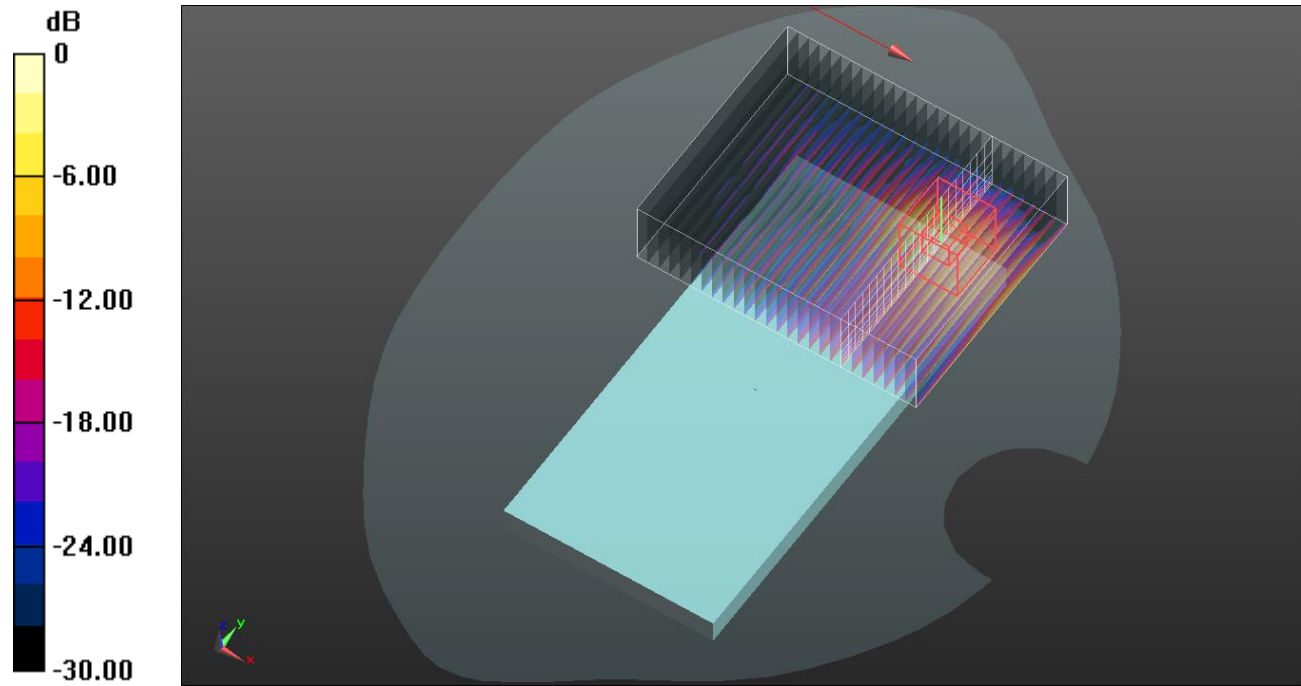
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 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) = 1.4 W/kg; SAR(10 g) = 0.518 W/kg

Maximum value of SAR (interpolated) = 4.64 W/kg



0 dB = 4.64 W/kg = 6.67 dBW/kg

UNII MIMO + DTS Ant 2+ NR Band n77 (Ant.F)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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 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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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 135/69 ch.662000/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.328$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ kg/m³

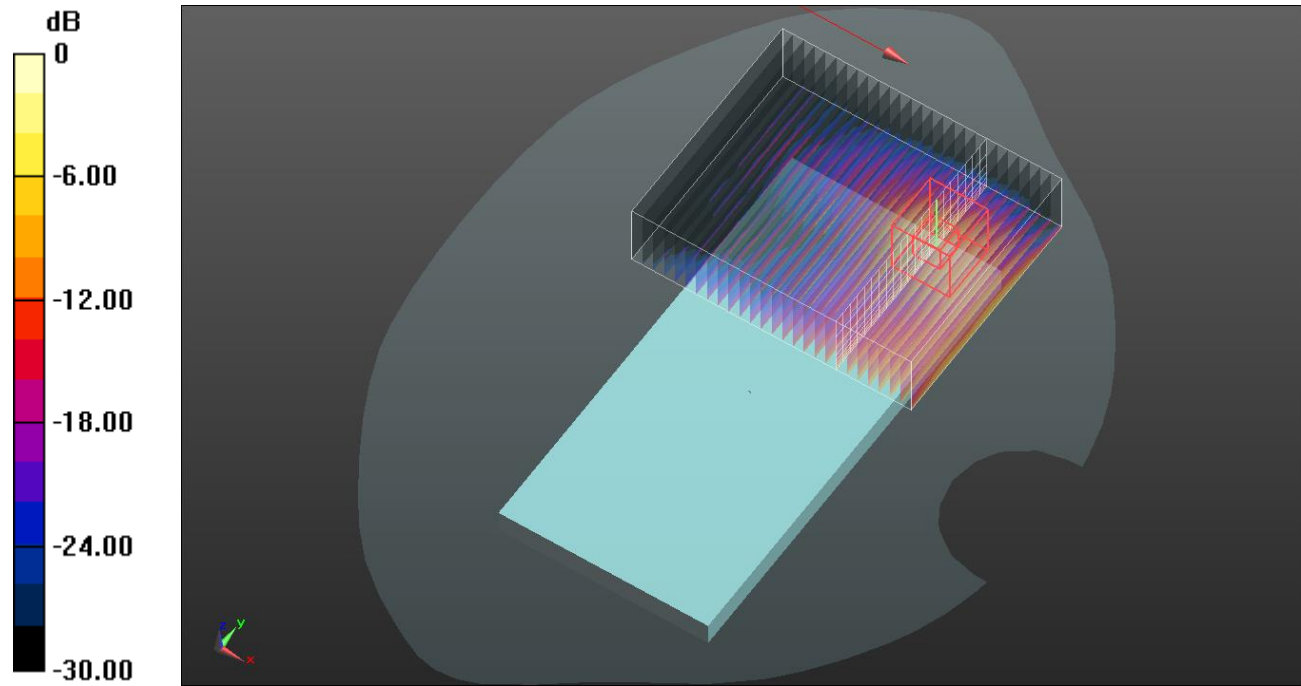
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 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) = 1.43 W/kg; SAR(10 g) = 0.525 W/kg

Maximum value of SAR (interpolated) = 4.73 W/kg



0 dB = 4.73 W/kg = 6.75 dBW/kg

UNII MIMO + DTS MIMO+ NR Band n77 (Ant.F)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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 135/69 ch.662000/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.328$ S/m; $\epsilon_r = 37.237$; $\rho = 1000$ kg/m³

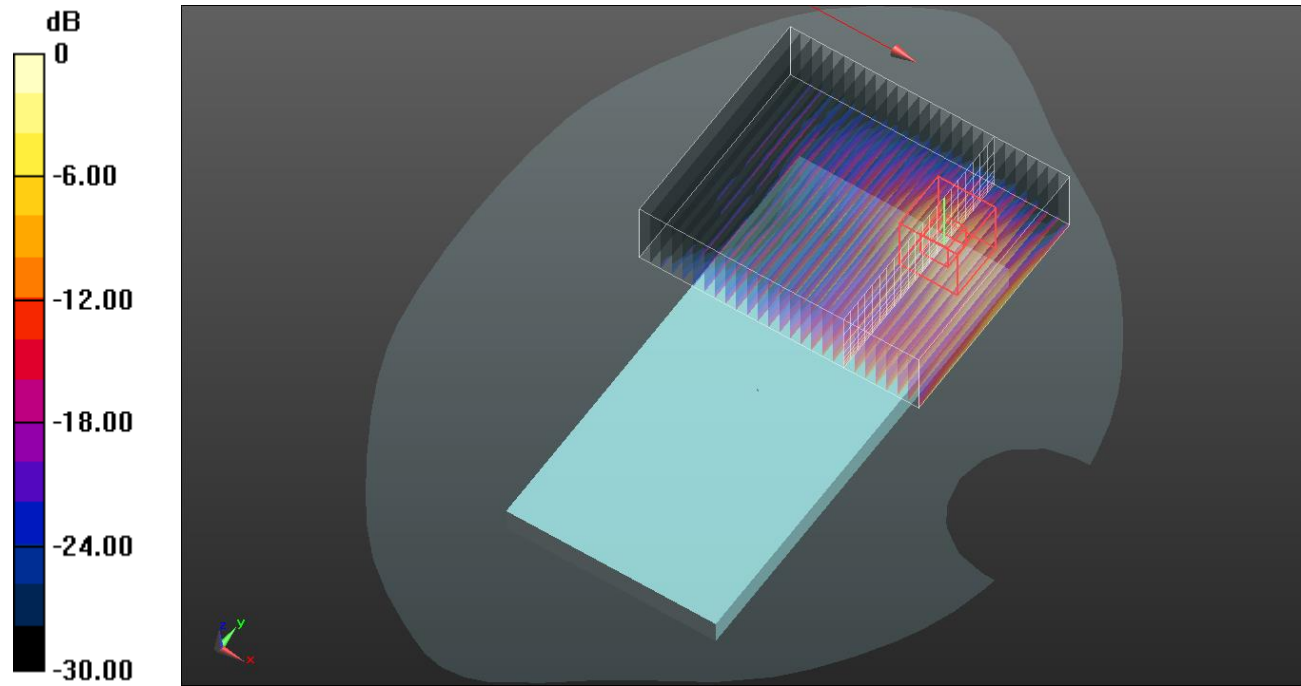
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 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) = 0.522 W/kg

Maximum value of SAR (interpolated) = 4.72 W/kg



0 dB = 4.72 W/kg = 6.74 dBW/kg

UNII MIMO + Bluetooth Ant 1+ NR Band n77 (Ant.L)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.747$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³

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/ch.633334/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.886$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ kg/m³

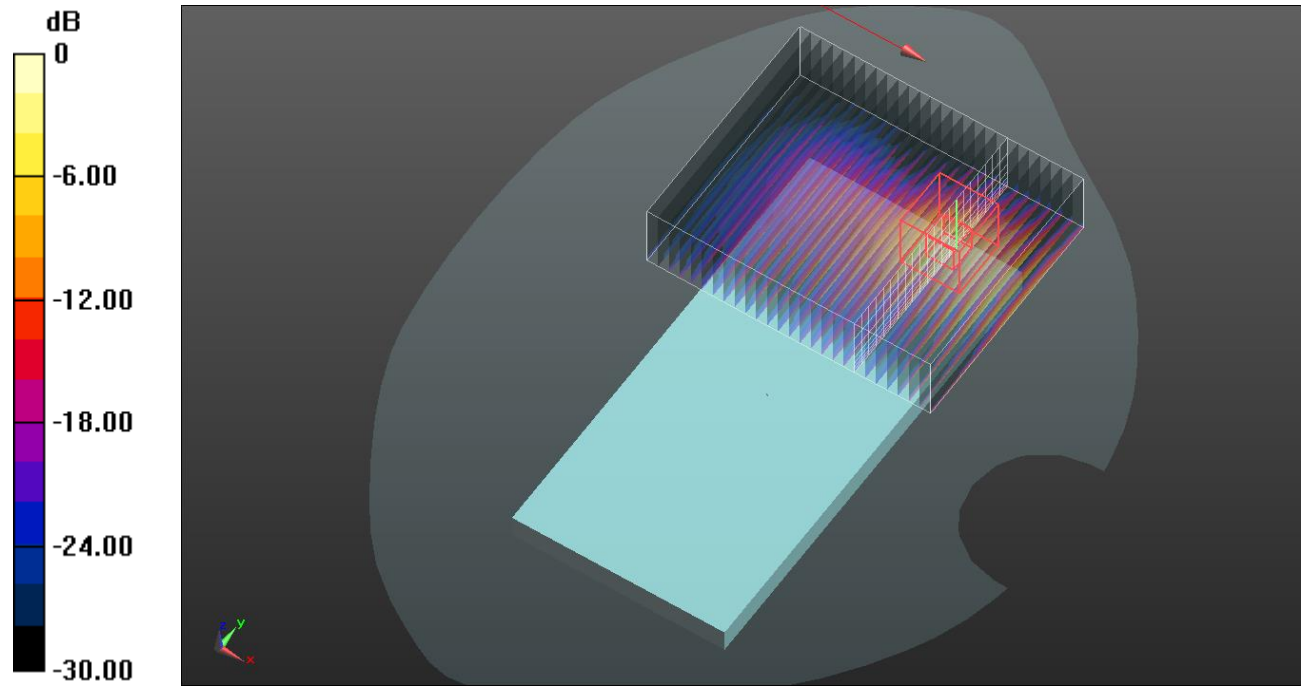
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.48 W/kg; SAR(10 g) = 0.533 W/kg

Maximum value of SAR (interpolated) = 4.83 W/kg



0 dB = 4.83 W/kg = 6.84 dBW/kg

UNII MIMO + Bluetooth Ant 2 + NR Band n77 (Ant.L)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.747$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³

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/ch.633334/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.886$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ kg/m³

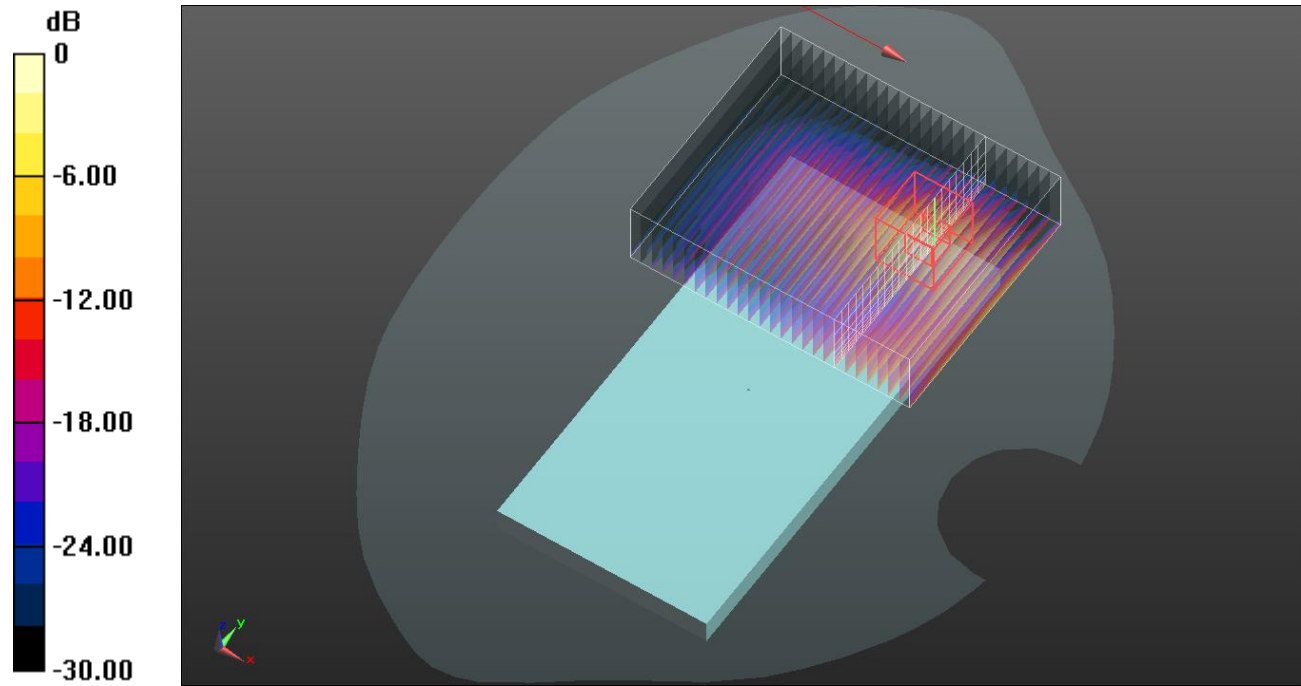
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.52 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (interpolated) = 4.87 W/kg



0 dB = 4.87 W/kg = 6.88 dBW/kg

UNII MIMO + Bluetooth MIMO + NR Band n77 (Ant.L)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.772$ S/m; $\epsilon_r = 38.339$; $\rho = 1000$ kg/m³

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)
-

DASY Configuration for Volume scan/ch.633334/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.886$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ kg/m³

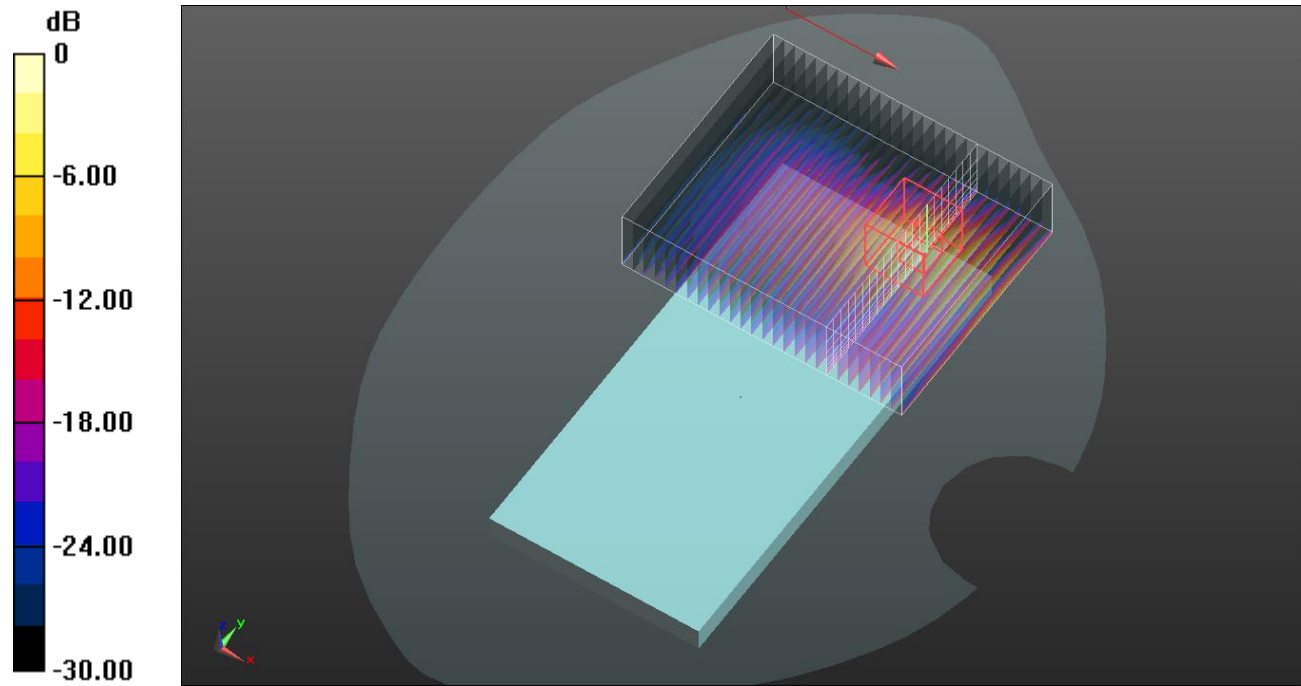
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.47 W/kg; SAR(10 g) = 0.522 W/kg

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



0 dB = 4.80 W/kg = 6.81 dBW/kg

UNII MIMO + DTS Ant 1+ NR Band n77 (Ant.L)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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 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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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/ch.633334/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.886$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ kg/m³

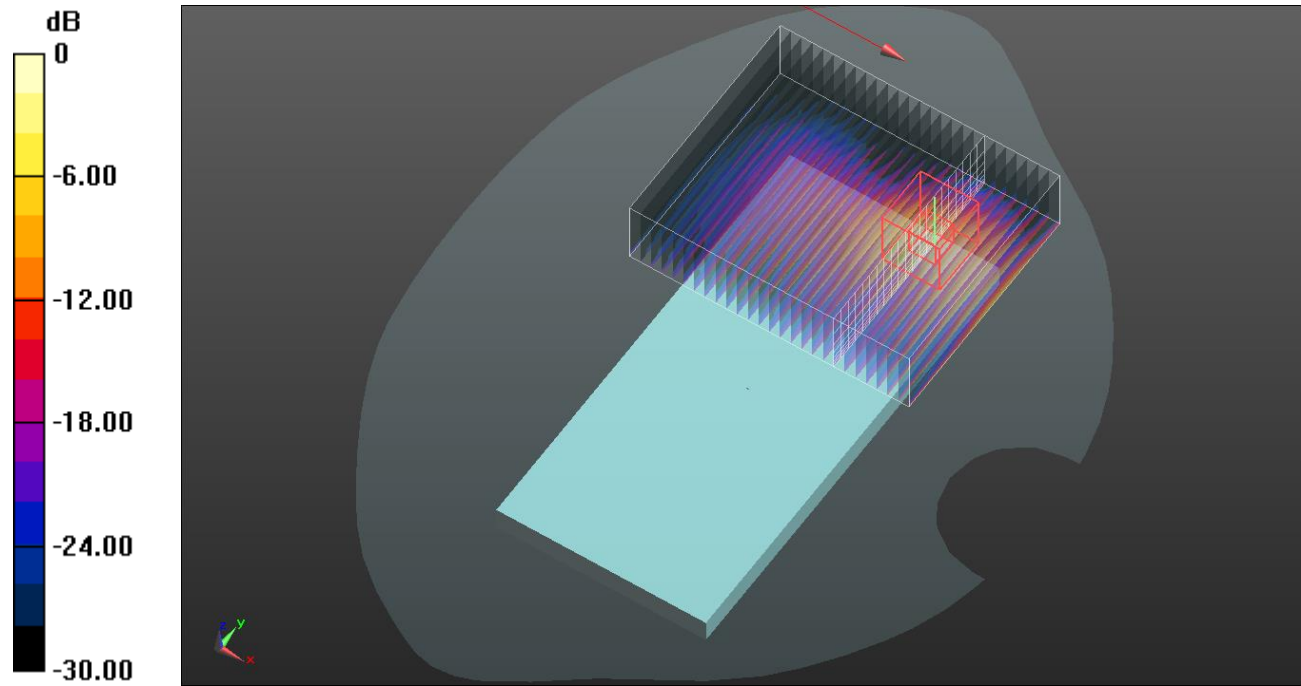
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.47 W/kg; SAR(10 g) = 0.542 W/kg

Maximum value of SAR (interpolated) = 4.78 W/kg



0 dB = 4.78 W/kg = 6.79 dBW/kg

UNII MIMO + DTS Ant 2+ NR Band n77 (Ant.L)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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 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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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/ch.633334/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.886$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ kg/m³

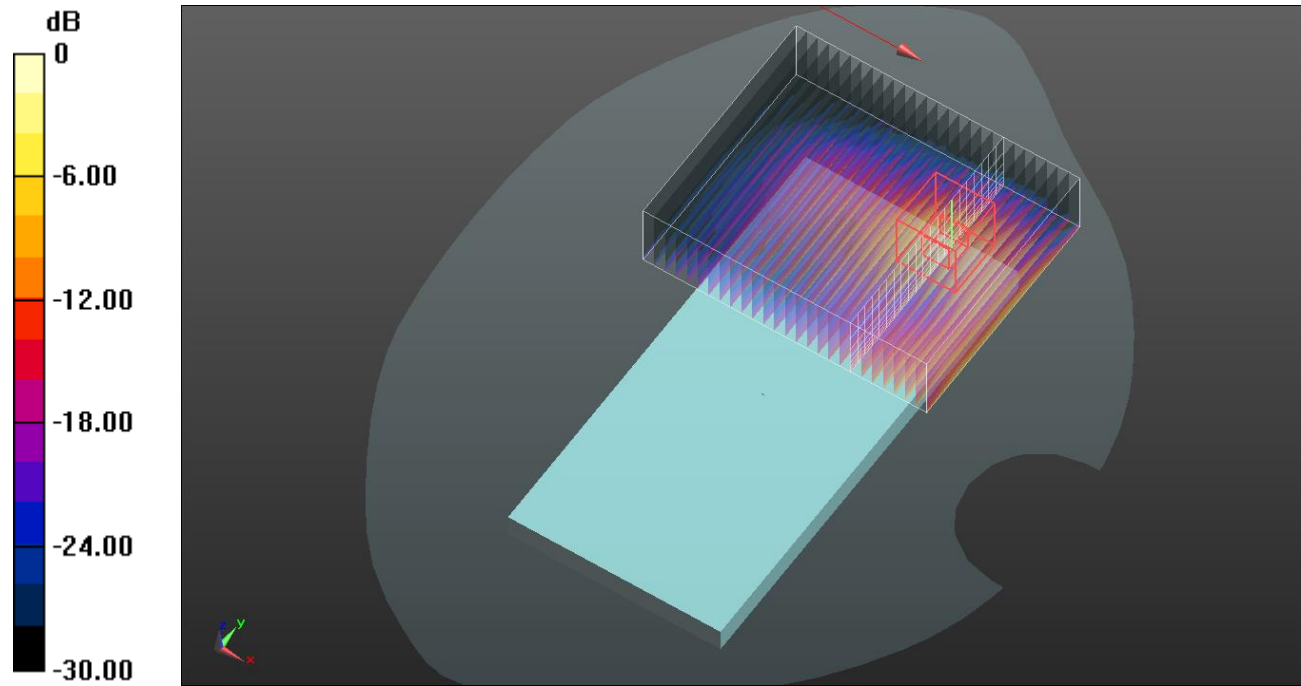
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.52 W/kg; SAR(10 g) = 0.558 W/kg

Maximum value of SAR (interpolated) = 4.87 W/kg



0 dB = 4.87 W/kg = 6.88 dBW/kg

UNII MIMO + DTS MIMO+ NR Band n77 (Ant.L)

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; $\sigma = 5.179$ S/m; $\epsilon_r = 34.542$; $\rho = 1000$ kg/m³

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; $\sigma = 1.745$ S/m; $\epsilon_r = 38.417$; $\rho = 1000$ kg/m³

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/ch.633334/Volume Scan:

Date/Time: 2/18/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3500.01 MHz; Duty Cycle: 1:3.49704; PMF: 1

Medium: HSL 3500 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.886$ S/m; $\epsilon_r = 38.047$; $\rho = 1000$ kg/m³

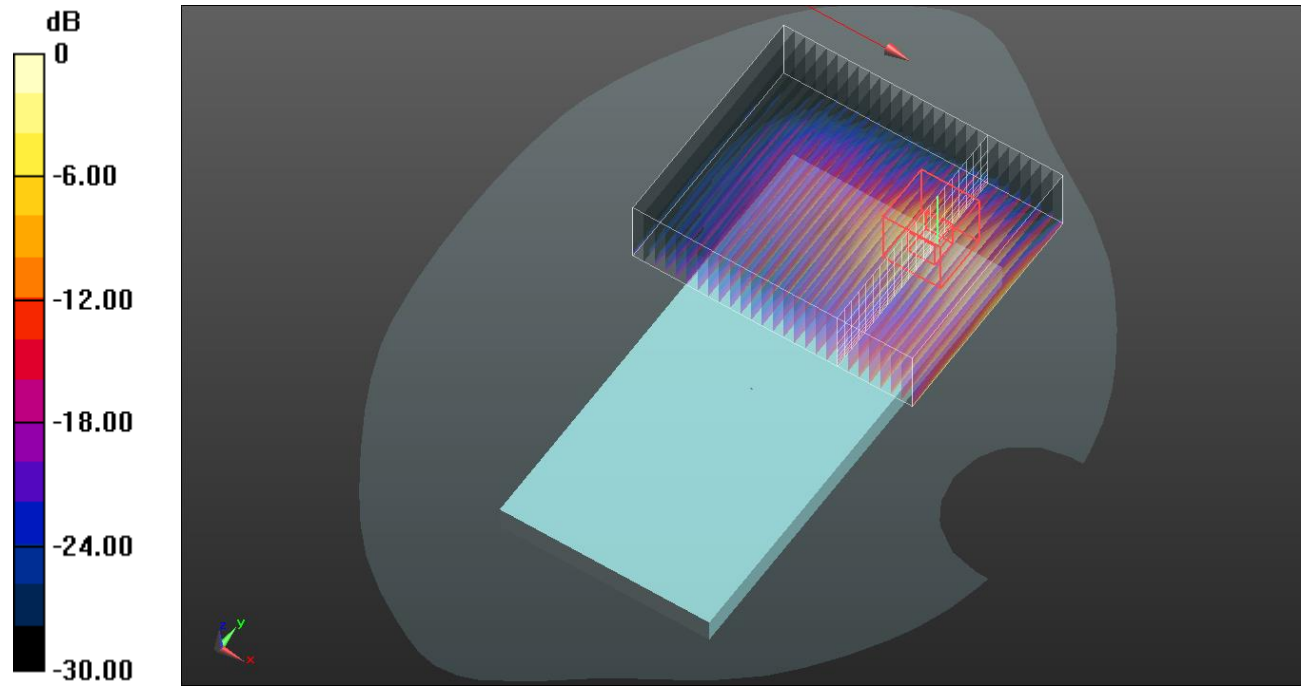
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.24, 7.24, 7.24) @ 3500.01 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) = 1.51 W/kg; SAR(10 g) = 0.554 W/kg

Maximum value of SAR (interpolated) = 4.86 W/kg



0 dB = 4.86 W/kg = 6.87 dBW/kg

UNII MIMO + Bluetooth Ant 2 + NR Band n77 (Ant.F)

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2/16/2022 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 5GHz Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 35.402$; $\rho = 1000$ kg/m³

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

- Probe: EX3DV4 - SN7646; ConvF(5.29, 5.29, 5.29) @ 5745 MHz; Calibrated: 4/23/2021
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1447; Calibrated: 3/23/2021
 - Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP: 1846
 - Measurement SW: DASY52, Version 52.10 (4)
-

DASY Configuration for Edge 4/Bluetooth GFSK ch.39 Ant 2/Volume Scan:

Date/Time: 2/18/2022 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; $\sigma = 1.765$ S/m; $\epsilon_r = 38.999$; $\rho = 1000$ kg/m³

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

- Probe: EX3DV4 - SN7646; ConvF(8.58, 8.58, 8.58) @ 2441 MHz; Calibrated: 4/23/2021
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1447; Calibrated: 3/23/2021
 - Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP: 1846
 - Measurement SW: DASY52, Version 52.10 (4)
-

DASY Configuration for Volume scan /QPSK RB 135/69 ch.662000/Volume Scan:

Date/Time: 2/22/2022 Test Laboratory: UL Korea Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.376$ S/m; $\epsilon_r = 36.47$; $\rho = 1000$ kg/m³

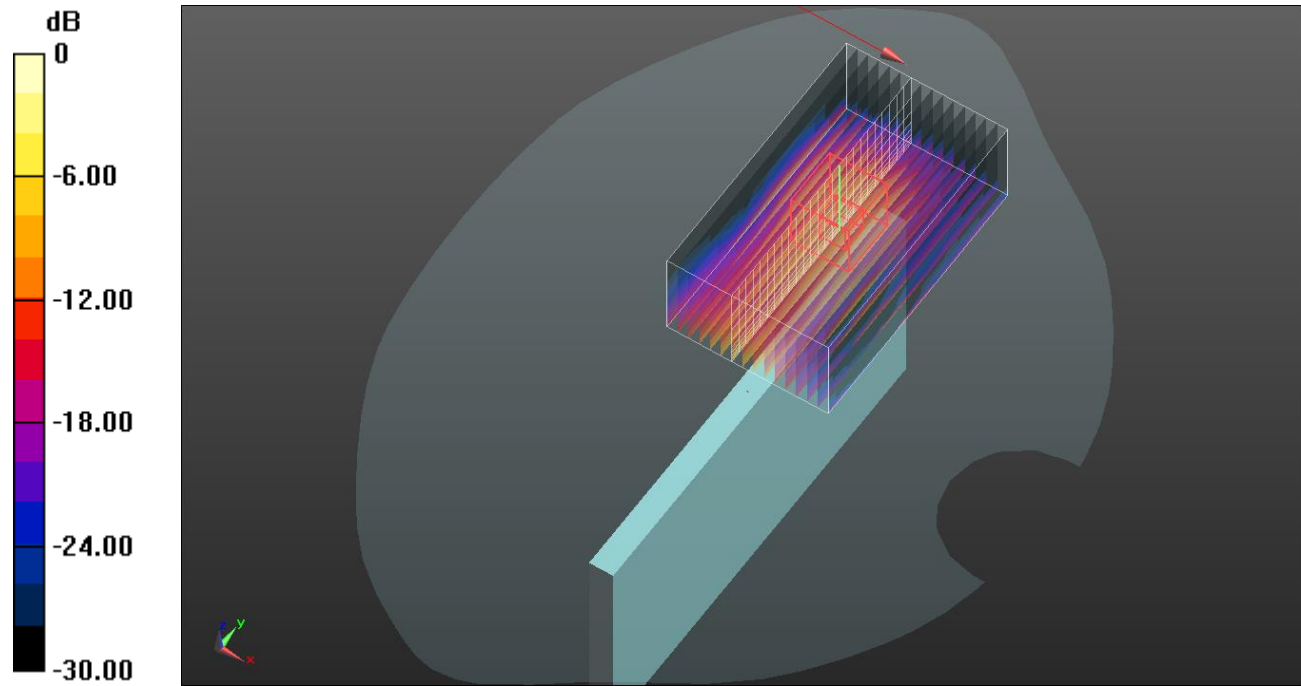
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 MHz; Calibrated: 4/15/2021
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1447; Calibrated: 3/23/2021
 - Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846
 - Measurement SW: DASY52, Version 52.10 (4)
-

Multi Band Result:

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.484 W/kg

Maximum value of SAR (interpolated) = 3.87 W/kg



0 dB = 3.87 W/kg = 5.88 dBW/kg

UNII MIMO + DTS Ant 2+ NR Band n77 (Ant.F)

Multi-Band Configurations:

DASY Configuration for Edge 4/802.11 a mode ch.149 MIMO/Volume Scan:

Date/Time: 2/16/2022 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 5GHz Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 35.402$; $\rho = 1000$ kg/m³

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

- Probe: EX3DV4 - SN7646; ConvF(5.29, 5.29, 5.29) @ 5745 MHz; Calibrated: 4/23/2021
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1447; Calibrated: 3/23/2021
 - Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846
 - Measurement SW: DASY52, Version 52.10 (4)
-

DASY Configuration for Edge 4/802.11 b mode ch.6 Ant 2/Volume Scan:

Date/Time: 2/18/2022 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; $\sigma = 1.762$ S/m; $\epsilon_r = 39.007$; $\rho = 1000$ kg/m³

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

- Probe: EX3DV4 - SN7646; ConvF(8.58, 8.58, 8.58) @ 2437 MHz; Calibrated: 4/23/2021
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1447; Calibrated: 3/23/2021
 - Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:1846
 - Measurement SW: DASY52, Version 52.10 (4)
-

DASY Configuration for Volume scan /QPSK RB 135/69 ch.662000/Volume Scan:

Date/Time: 2/22/2022 Test Laboratory: UL Korea Ltd. Suwon Laboratory

Communication System: UID 0, NR(TDD) (0); Frequency: 3930 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 3900 Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.376$ S/m; $\epsilon_r = 36.47$; $\rho = 1000$ kg/m³

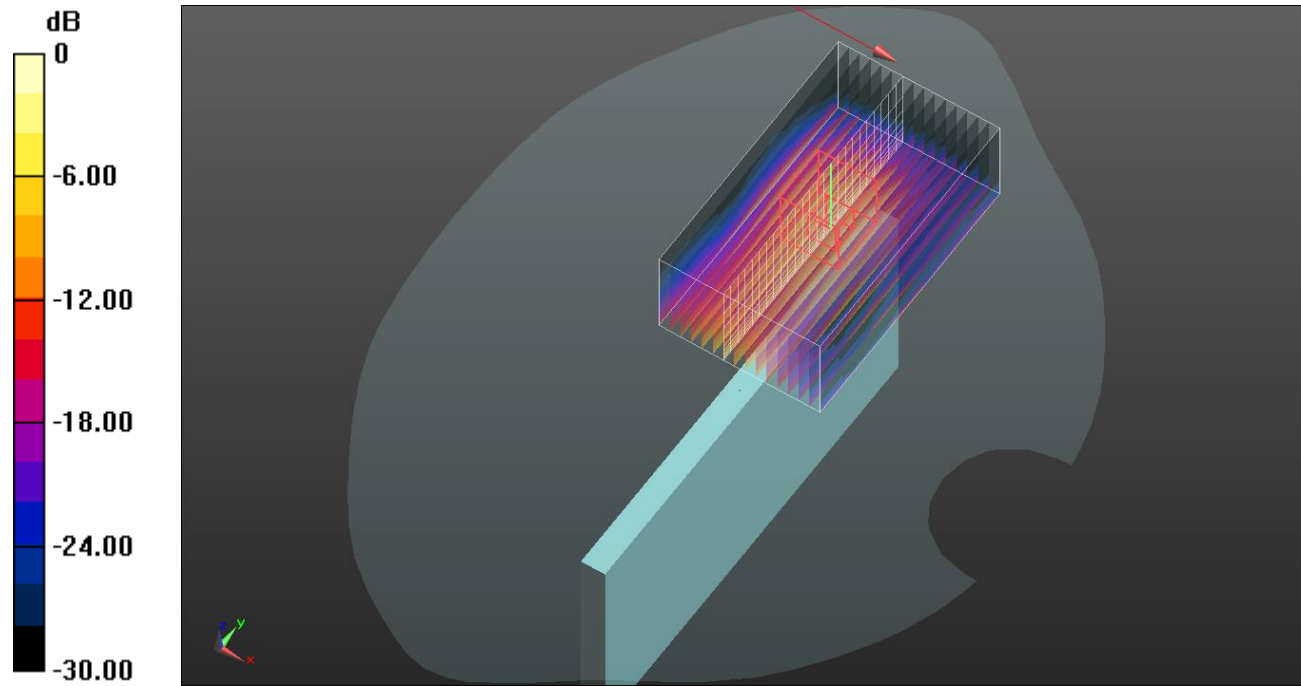
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7645; ConvF(7.05, 7.05, 7.05) @ 3930 MHz; Calibrated: 4/15/2021
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1447; Calibrated: 3/23/2021
 - Phantom: SAM (20deg probe tilt) with CRP v5.0(Right); Type: QD000P40CD; Serial: TP: 1846
 - Measurement SW: DASY52, Version 52.10 (4)
-

Multi Band Result:

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.462 W/kg

Maximum value of SAR (interpolated) = 3.78 W/kg



0 dB = 3.78 W/kg = 5.77 dBW/kg

LTE Band 66 + NR Band n41 (Ant.J)

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Left Tilt/QPSK RB 1/49 ch.132072/Volume Scan:

Date/Time: 2/21/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1720 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL 1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 39.813$; $\rho = 1000$ kg/m³

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

- Probe: EX3DV4 - SN7330; ConvF(8.9, 8.9, 8.9) @ 1720 MHz; Calibrated: 1/28/2022
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1494; Calibrated: 7/27/2021
 - Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751
 - Measurement SW: DASY52, Version 52.10 (4)
-

DASY Configuration for Left Tilt/QPSK RB 1/271 ch.519598/Volume Scan:

Date/Time: 2/24/2022 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, nr (0); Frequency: 2592.99 MHz; Duty Cycle: 1:4.35011; PMF: 1

Medium: HSL 2600 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 38.124$; $\rho = 1000$ kg/m³

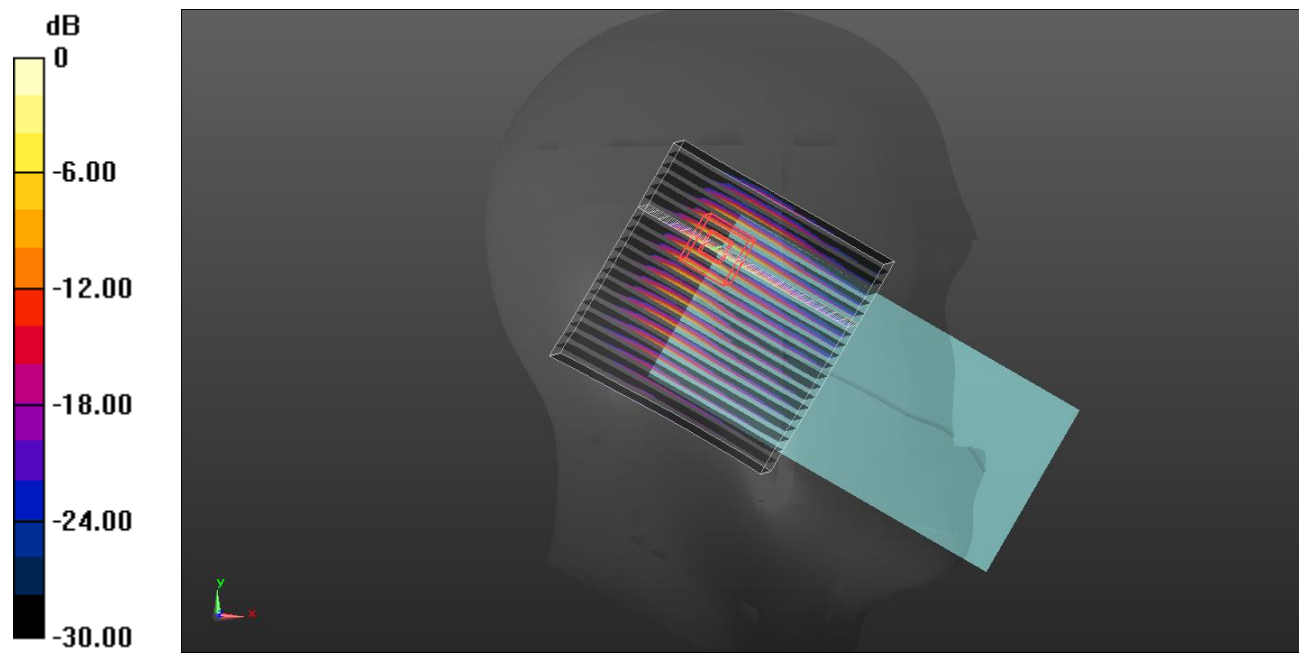
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7330; ConvF(7.85, 7.85, 7.85) @ 2592.99 MHz; Calibrated: 1/28/2022
 - Sensor-Surface: 1.4mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1494; Calibrated: 7/27/2021
 - Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: 1751
 - Measurement SW: DASY52, Version 52.10 (4)
-

Multi Band Result:

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (interpolated) = 2.15 W/kg



0 dB = 2.15 W/kg = 3.32 dBW/kg