

LTE Band 2

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 38.967$; $\rho = 1000$ 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 - SN7313; ConvF(8.36, 8.36, 8.36) @ 1860 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/49 ch.18700 15mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

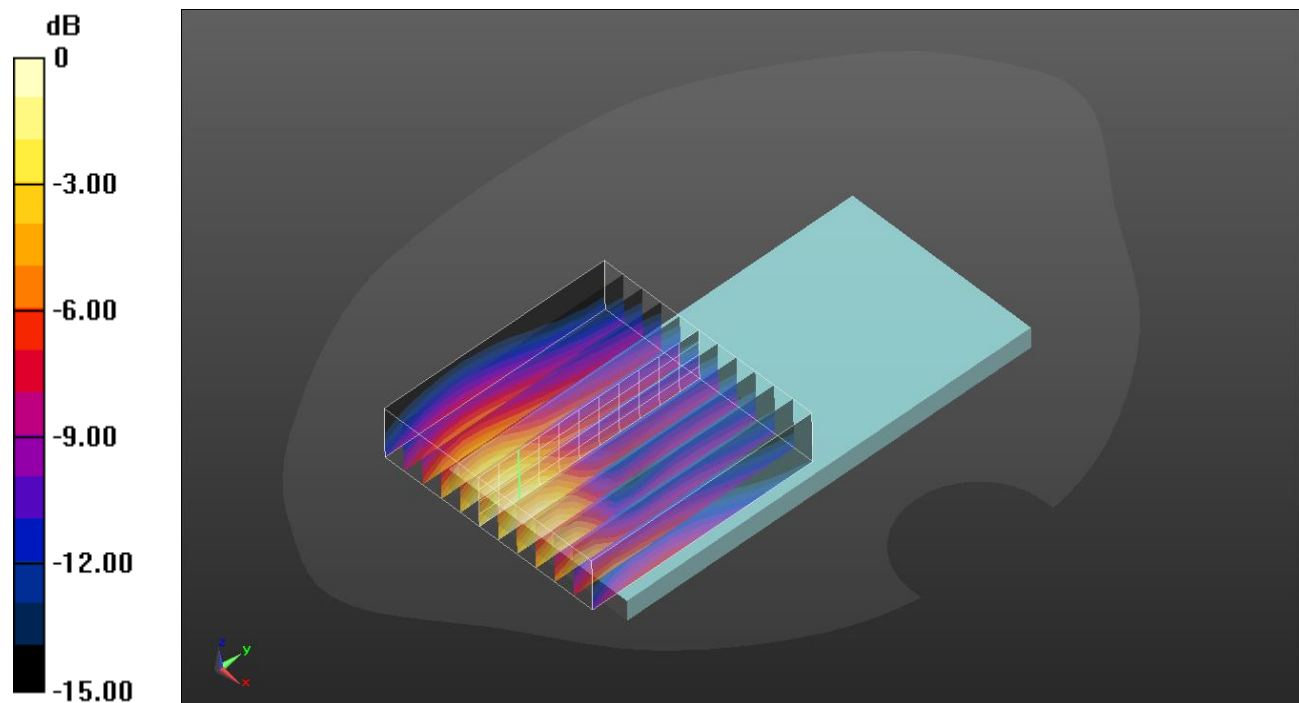
Reference Value = 6.651 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.280 W/kg

Total Absorbed Power = 0.0156 W

Maximum value of SAR (measured) = 0.636 W/kg



0 dB = 0.636 W/kg = -1.97 dBW/kg

NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.116$; $\rho = 1000$ 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 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/53 ch.167300 15mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

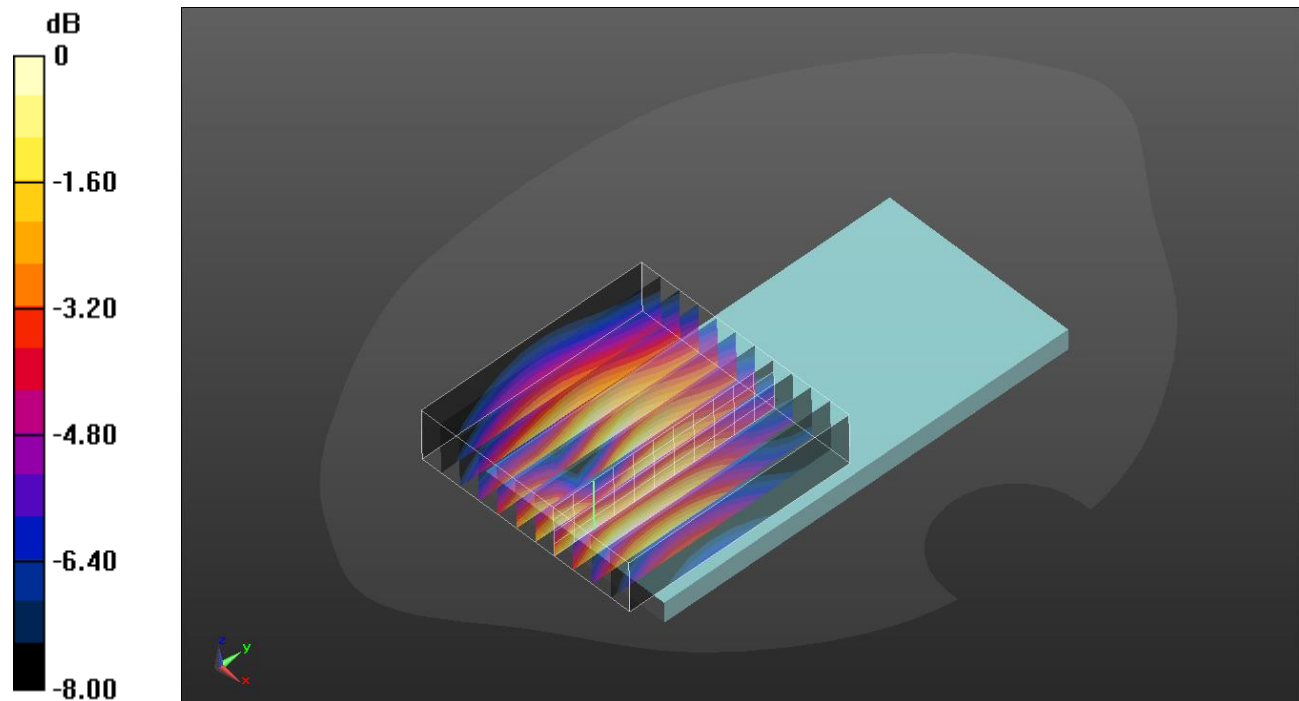
Reference Value = 9.176 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.176 W/kg

Total Absorbed Power = 0.0185 W

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ 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 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/0 ch.20525 15mm/Volume Scan (14x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

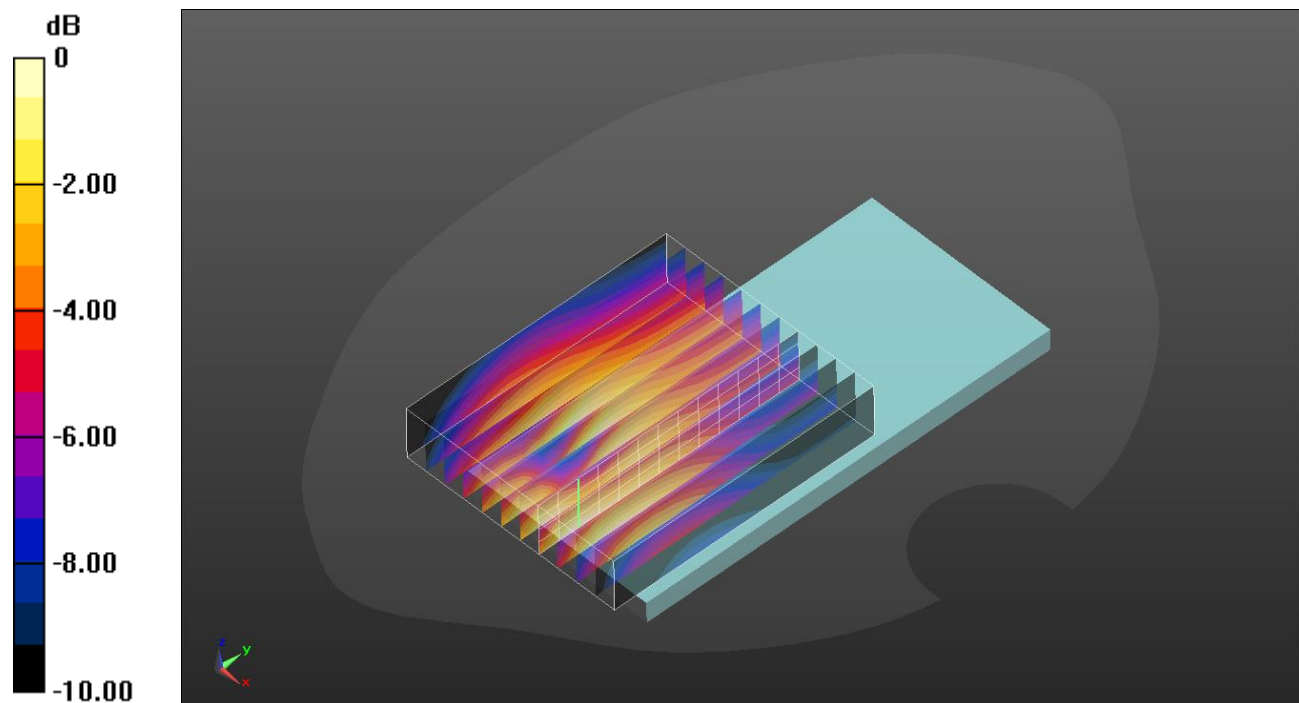
Reference Value = 7.757 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.183 W/kg

Total Absorbed Power = 0.0219 W

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

NR Band n66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ 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 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 50/28 ch.354000 15mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

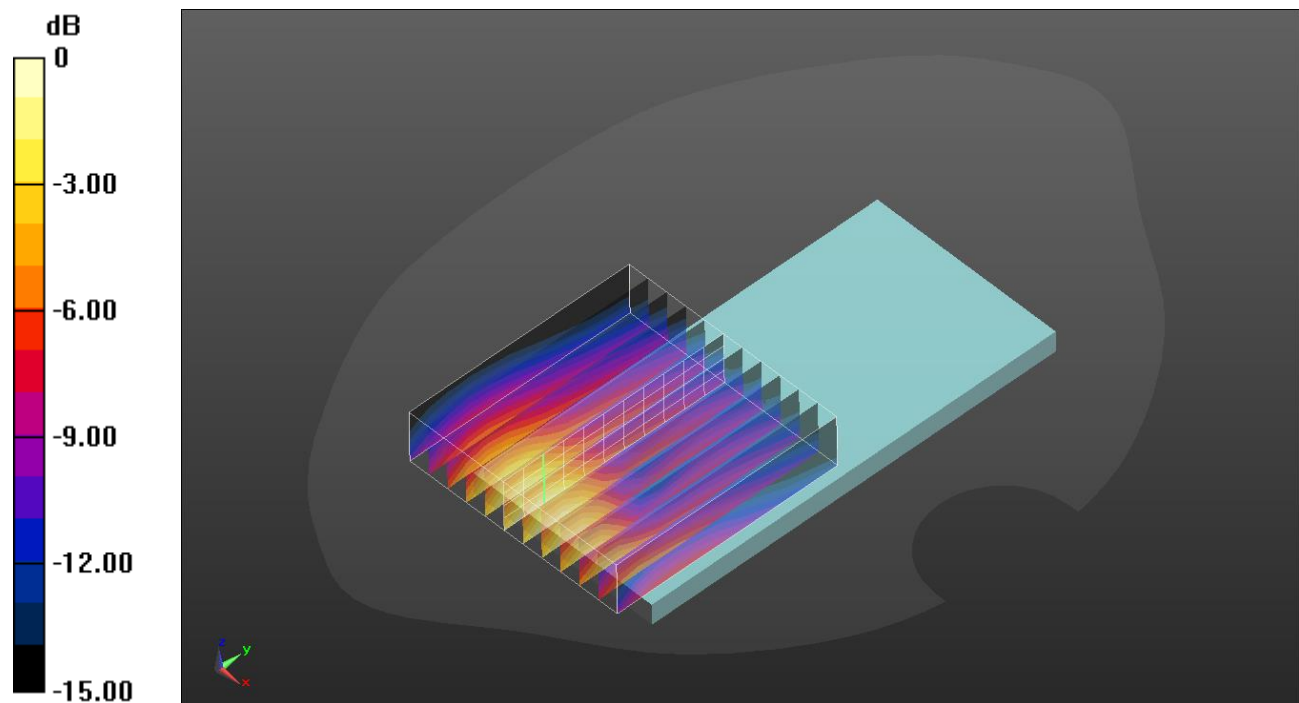
Reference Value = 6.145 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.298 W/kg

Total Absorbed Power = 0.0173 W

Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

LTE Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ 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 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/49 ch.132572 15mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

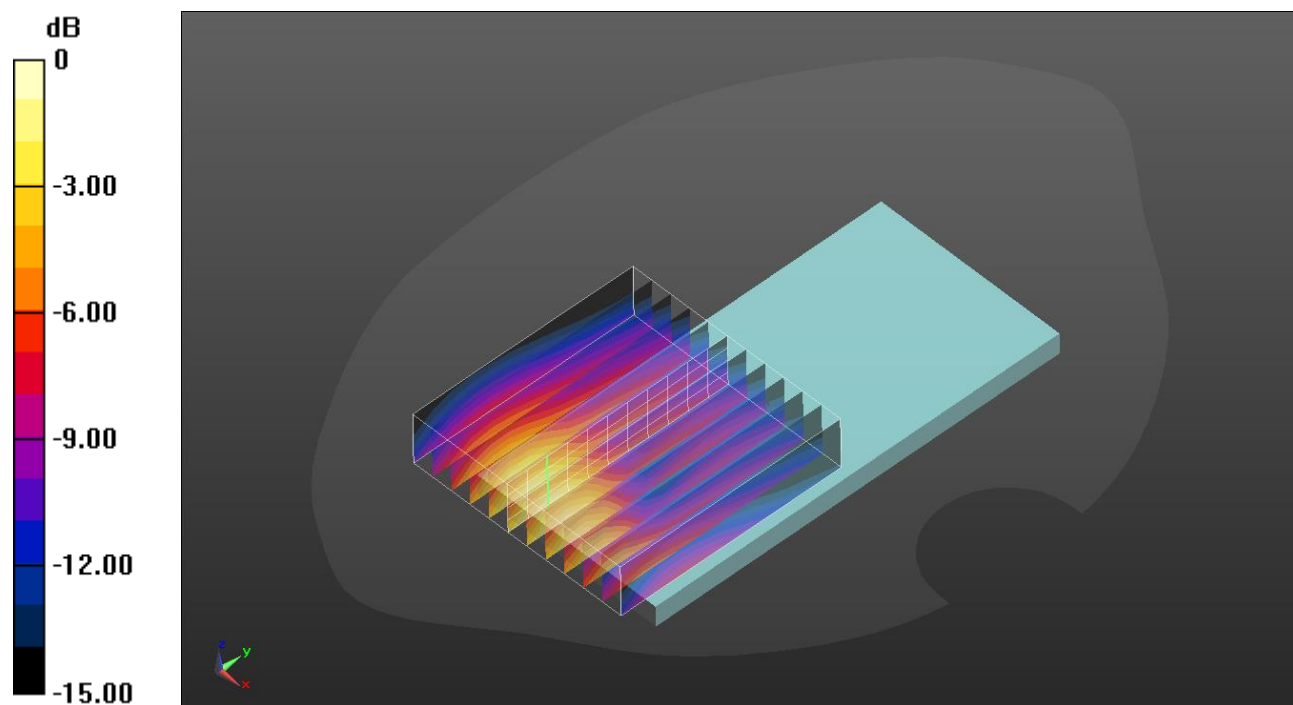
Reference Value = 12.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.308 W/kg

Total Absorbed Power = 0.0183 W

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

UNII MIMO

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.153 \text{ S/m}$; $\epsilon_r = 34.435$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 a mode ch.157 MIMO 15mm/Volume Scan (28x28x12): Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

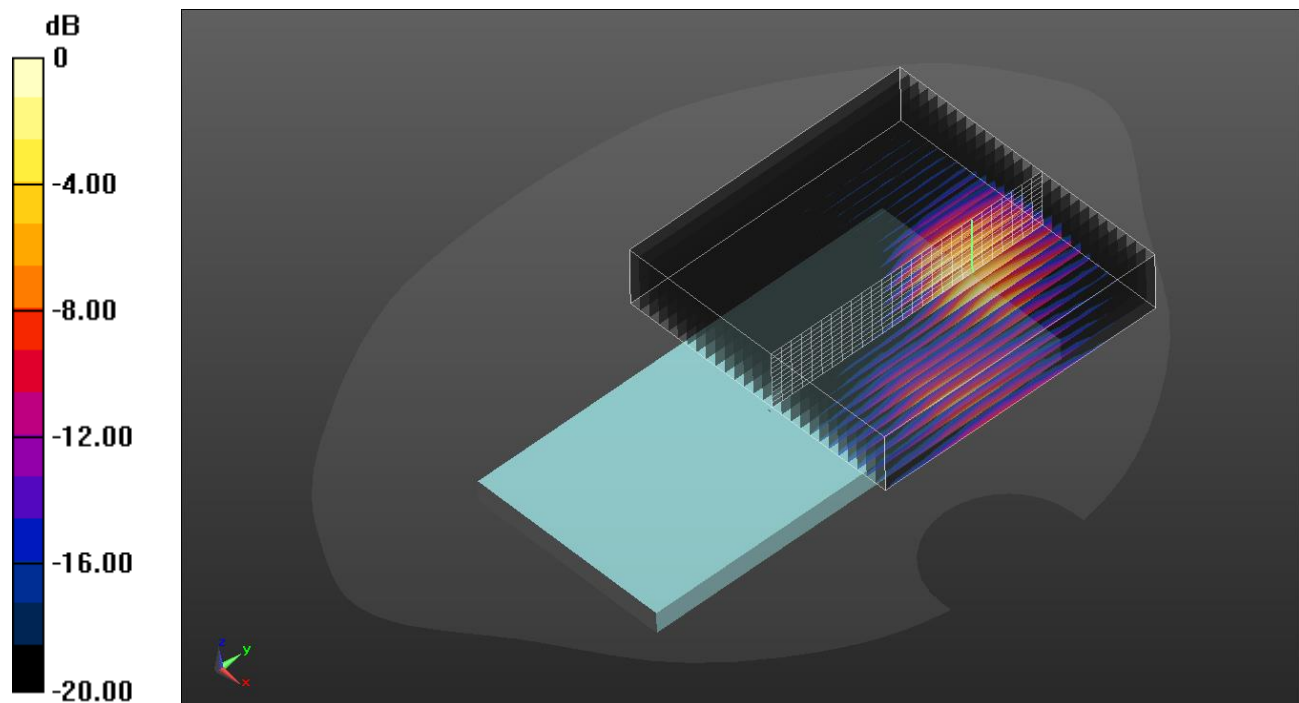
Reference Value = 2.203 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.184 W/kg

Total Absorbed Power = 0.00600 W

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 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; $\sigma = 1.81$ S/m; $\epsilon_r = 38.049$; $\rho = 1000$ 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 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2441 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/Bluetooth GFSK ch.39 15mm/Volume Scan (28x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

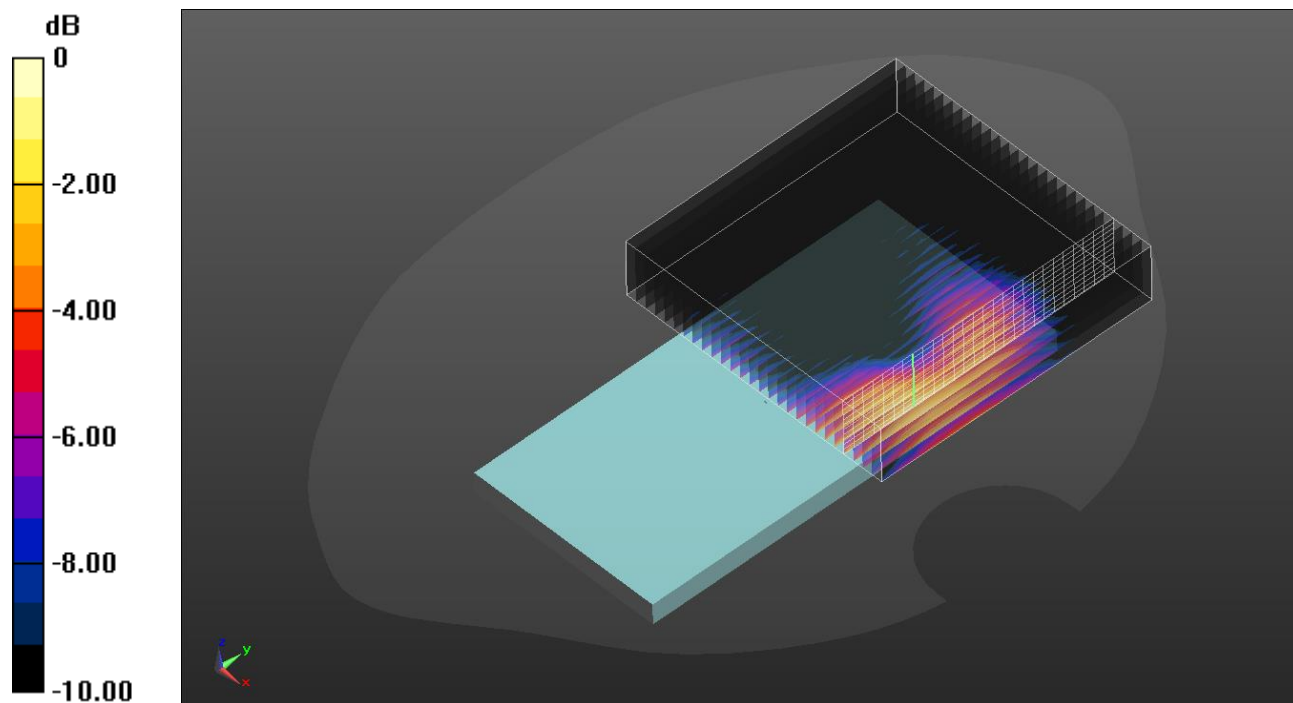
Reference Value = 2.257 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg

Total Absorbed Power = 0.00101 W

Maximum value of SAR (measured) = 0.0608 W/kg



0 dB = 0.0608 W/kg = -12.16 dBW/kg

LTE Band 2

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 38.967$; $\rho = 1000$ 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 - SN7313; ConvF(8.36, 8.36, 8.36) @ 1860 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 50/0 ch.18700 10mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

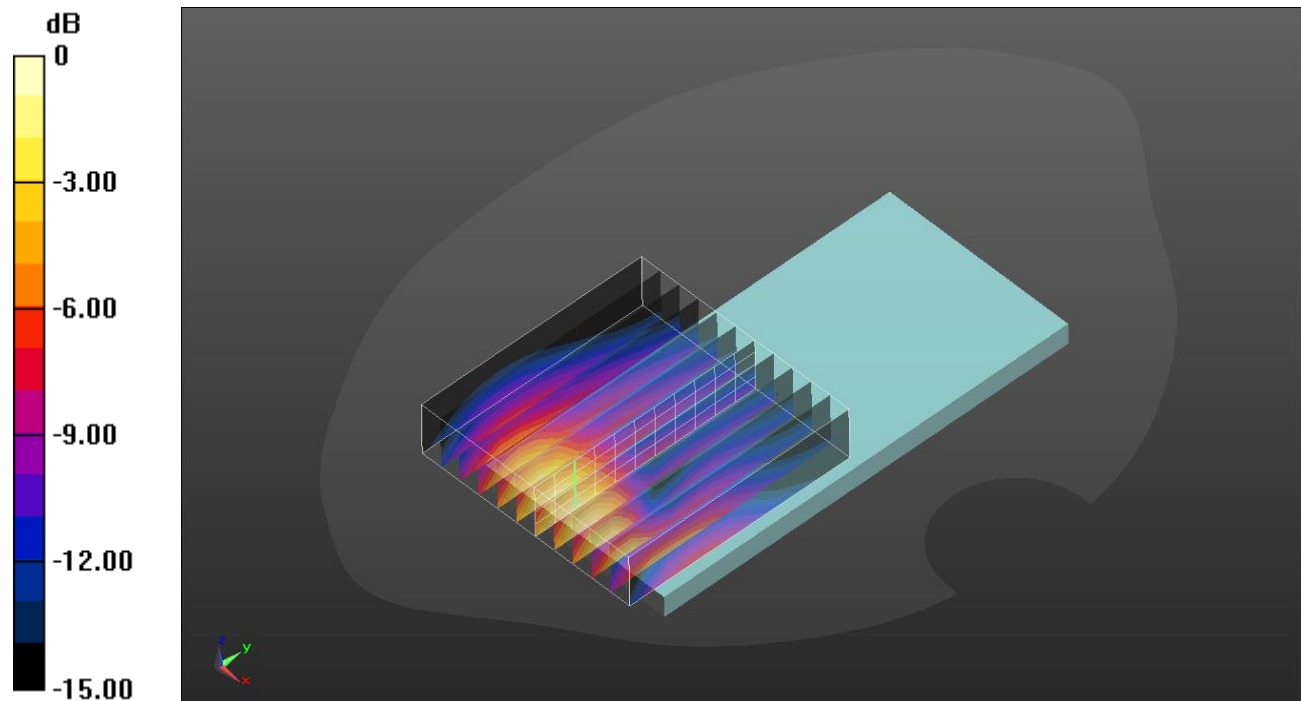
Reference Value = 3.751 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.259 W/kg

Total Absorbed Power = 0.0129 W

Maximum value of SAR (measured) = 0.652 W/kg



0 dB = 0.652 W/kg = -1.86 dBW/kg

NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.116$; $\rho = 1000$ 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 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/53 ch.167300 10mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

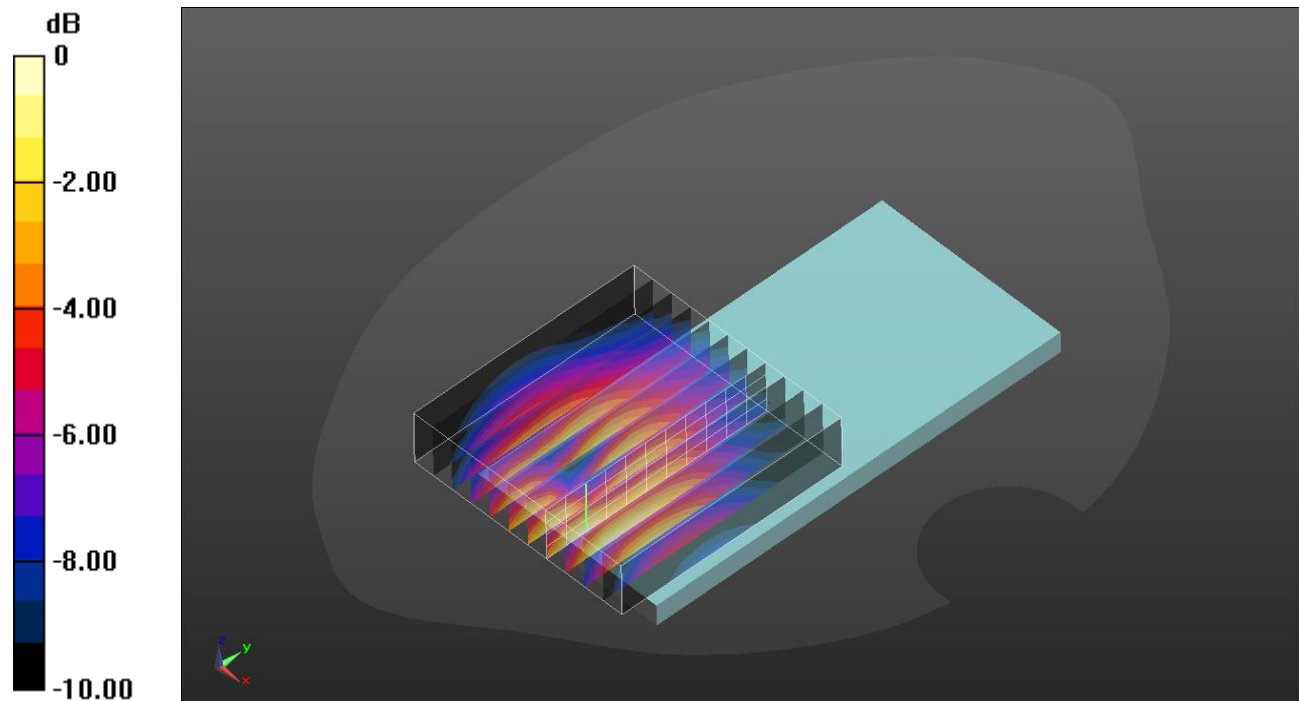
Reference Value = 9.263 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.328 W/kg

Total Absorbed Power = 0.0312 W

Maximum value of SAR (measured) = 0.837 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ 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 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/0 ch.20525 10mm/Volume Scan (14x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

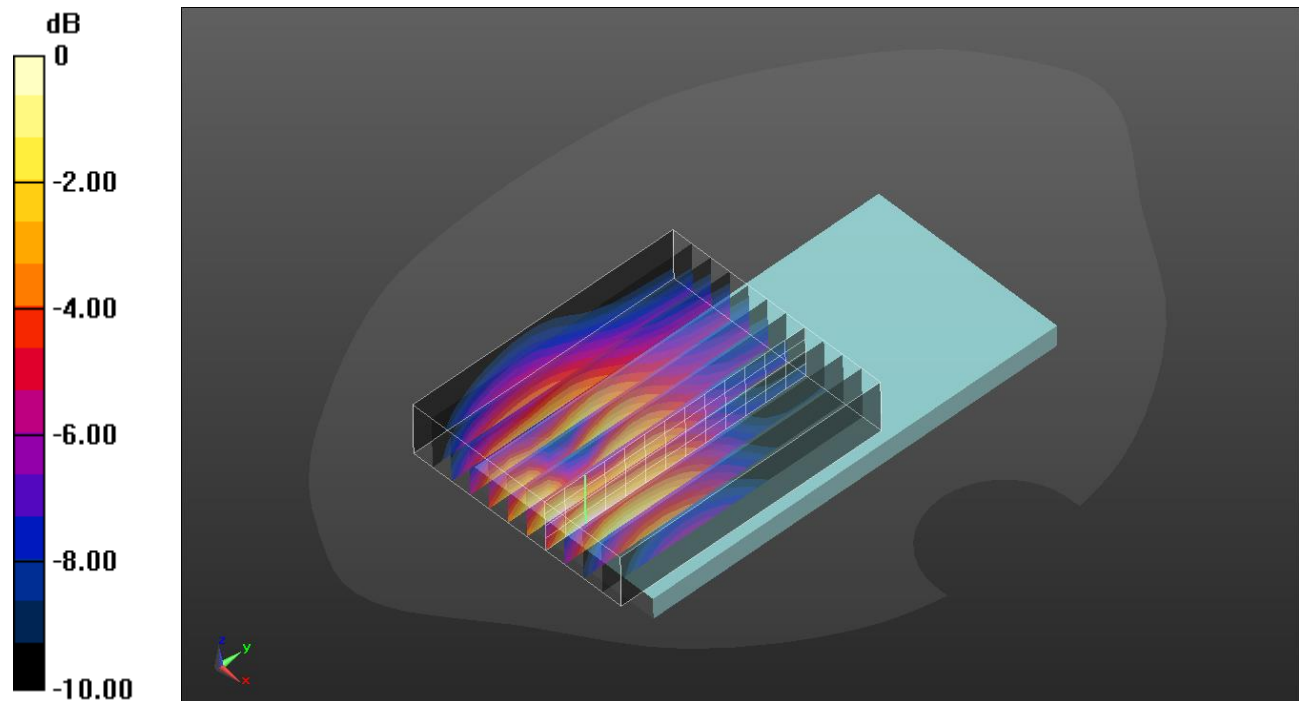
Reference Value = 7.778 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.966 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.330 W/kg

Total Absorbed Power = 0.0341 W

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

NR Band n66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ 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 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/53 ch.354000 10mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

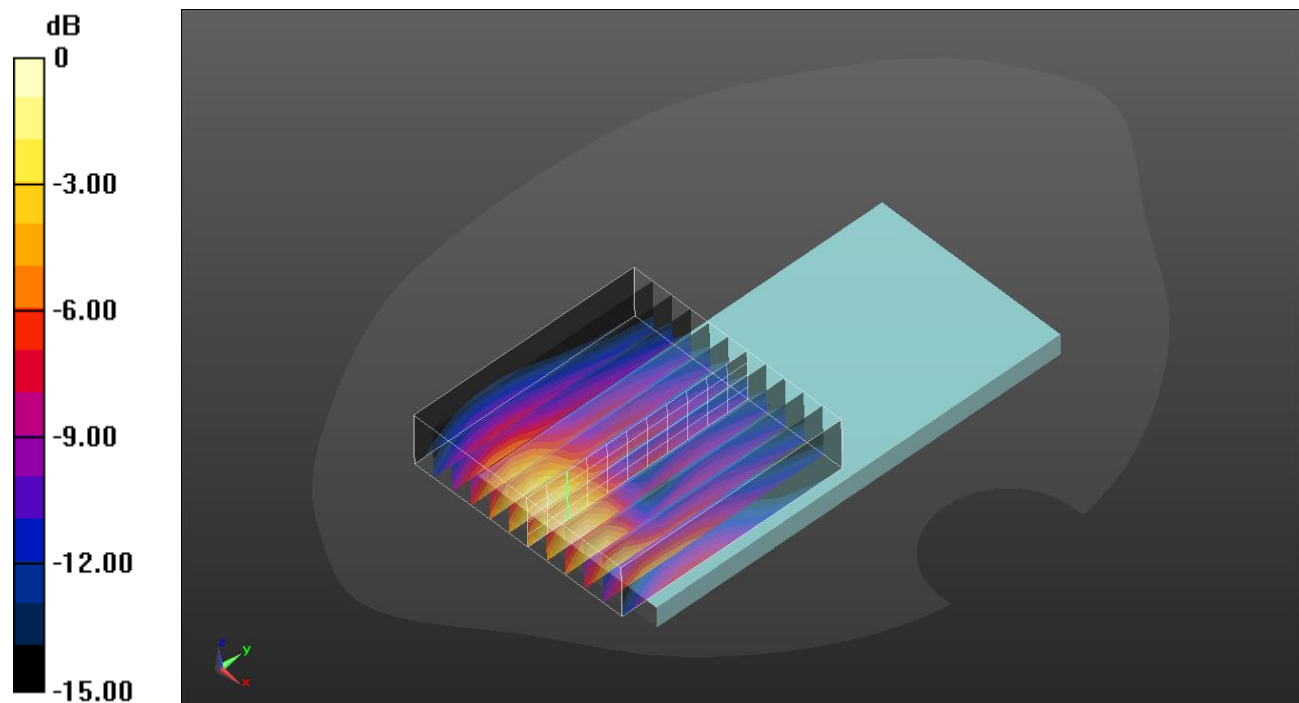
Reference Value = 5.445 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.837 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.291 W/kg

Total Absorbed Power = 0.0152 W

Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.725 W/kg = -1.40 dBW/kg

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.103$; $\rho = 1000$ 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 - SN7313; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 1/0 ch.23095 10mm/Volume Scan (14x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

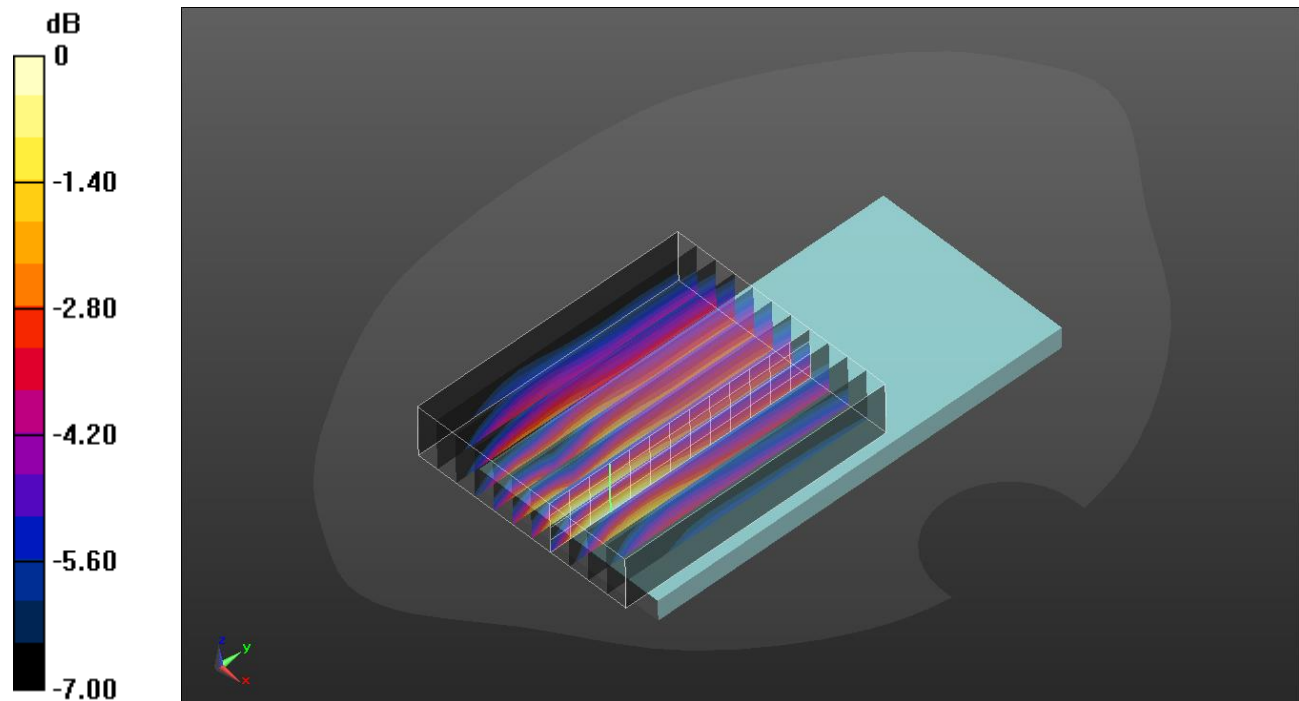
Reference Value = 6.141 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.127 W/kg

Total Absorbed Power = 0.0176 W

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

LTE Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ 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 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/QPSK RB 50/24 ch.132572 10mm/Volume Scan (12x12x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

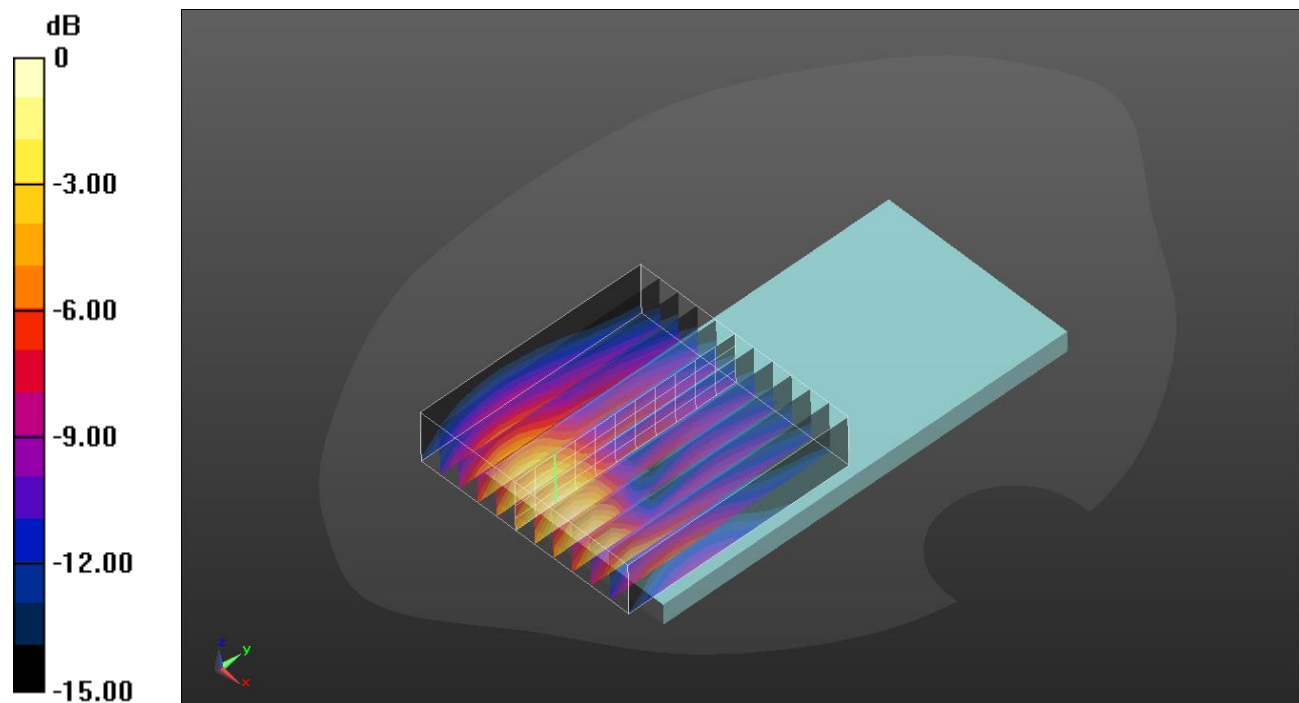
Reference Value = 10.44 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.277 W/kg

Total Absorbed Power = 0.0146 W

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg = -1.62 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; $\sigma = 5.254$ S/m; $\epsilon_r = 34.835$; $\rho = 1000$ 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 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 a mode ch.149 MIMO 10mm/Volume Scan (28x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

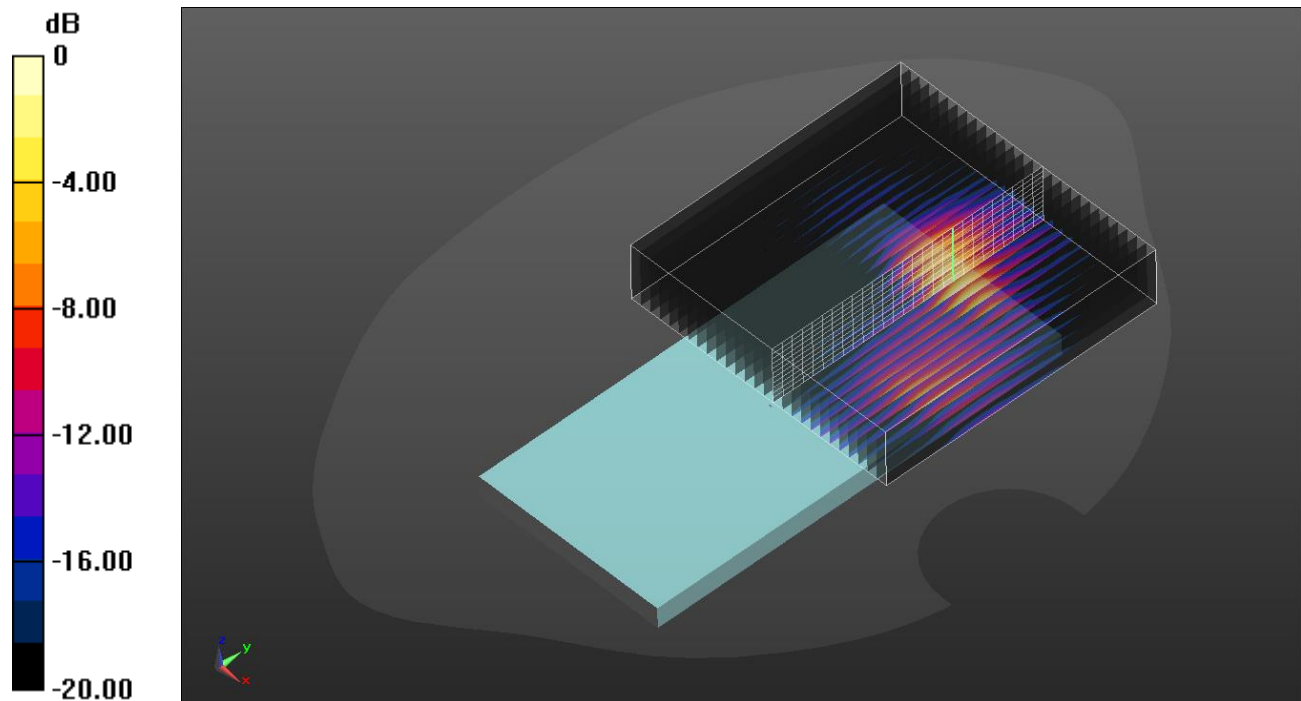
Reference Value = 3.091 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.209 W/kg

Total Absorbed Power = 0.00696 W

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



0 dB = 1.54 W/kg = 1.88 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; $\sigma = 1.814$ S/m; $\epsilon_r = 38.844$; $\rho = 1000$ 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 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2441 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/Bluetooth GFSK ch.39 10mm/Volume Scan (28x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

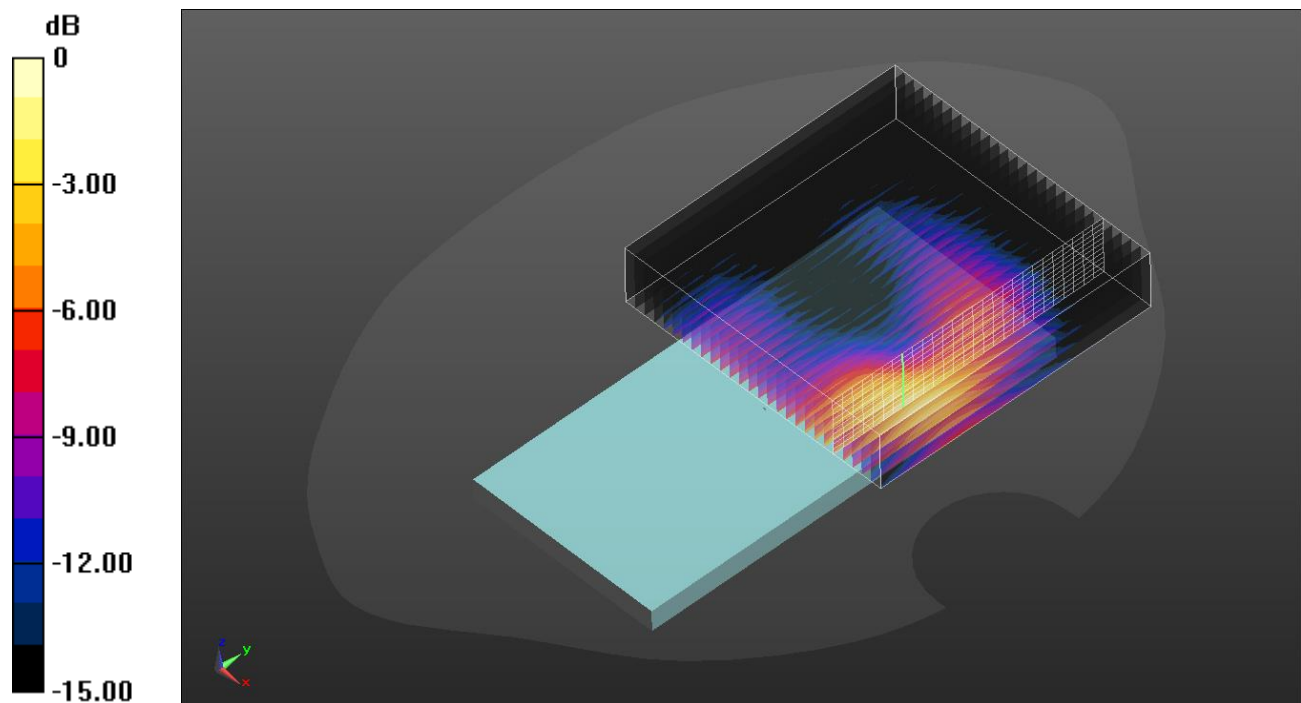
Reference Value = 3.530 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.044 W/kg

Total Absorbed Power = 0.00227 W

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -8.27 dBW/kg

DTS RSDB Ant 1

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2462 \text{ MHz}$; $\sigma = 1.782 \text{ S/m}$; $\epsilon_r = 38.902$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2462 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 b mode ch.11 RSDB SISO Ant 1 10mm/Volume Scan (28x28x12): Measurement

grid: dx=4mm, dy=4mm, dz=2mm

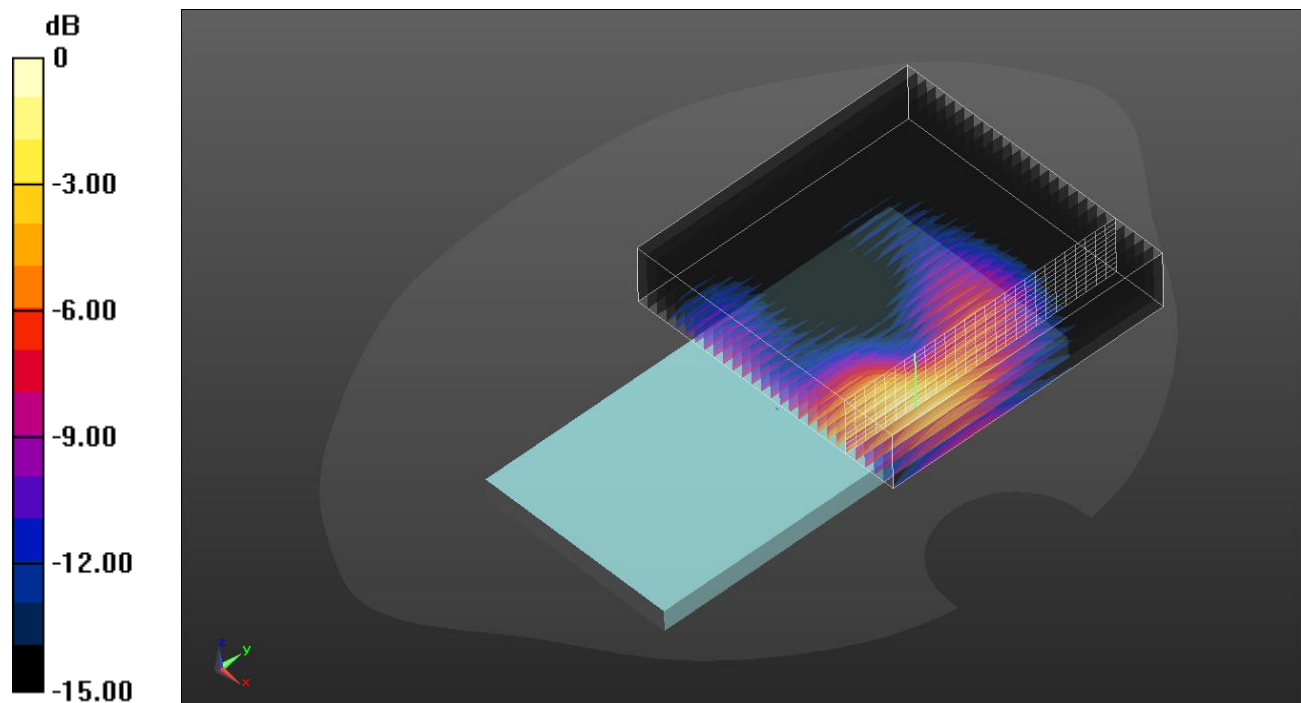
Reference Value = 3.464 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.050 W/kg

Total Absorbed Power = 0.00212 W

Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

UNII RSDB 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; $\sigma = 5.134$ S/m; $\epsilon_r = 34.46$; $\rho = 1000$ 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 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 ac mode ch.155 RSDB MIMO 10mm/Volume Scan (28x28x12): Measurement grid:

$dx=4$ mm, $dy=4$ mm, $dz=2$ mm

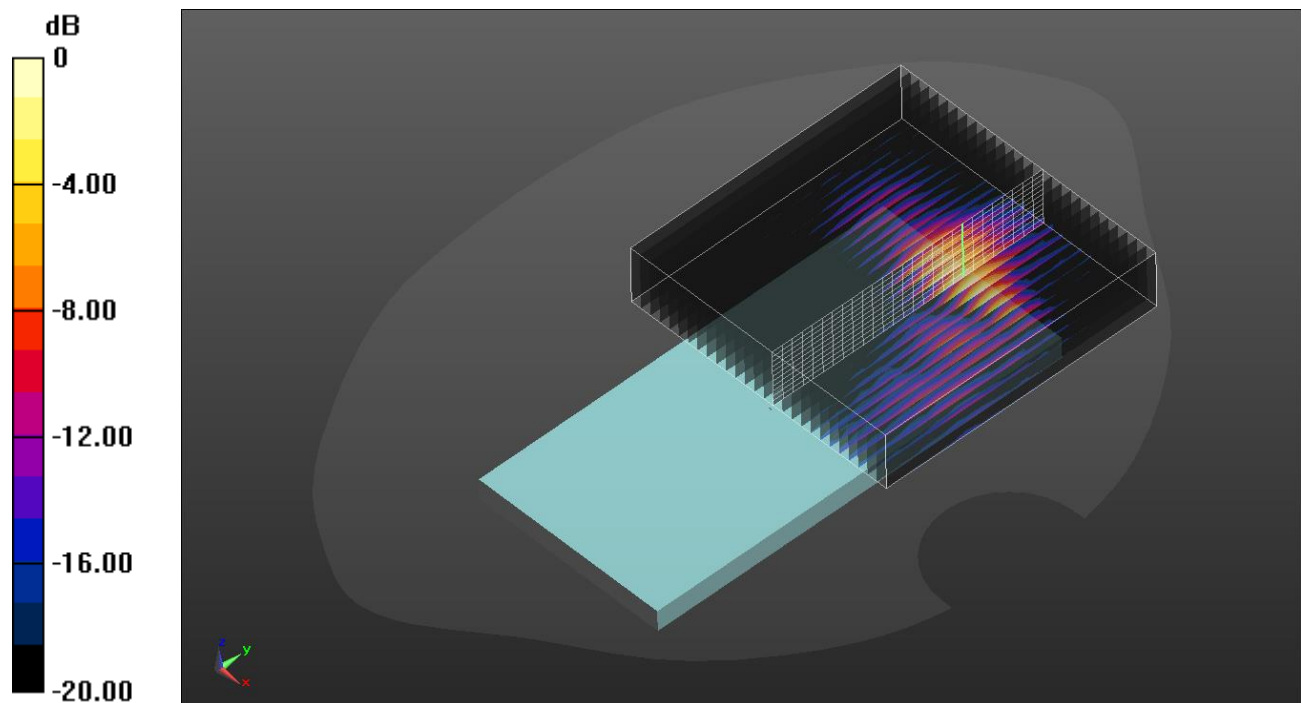
Reference Value = 2.793 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.085 W/kg

Total Absorbed Power = 0.00192 W

Maximum value of SAR (measured) = 0.723 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg

DTS RSDB Ant 2

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$ 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 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2462 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 b mode ch.11 RSDB SISO Ant 2 10mm/Volume Scan (28x28x12): Measurement

grid: dx=4mm, dy=4mm, dz=2mm

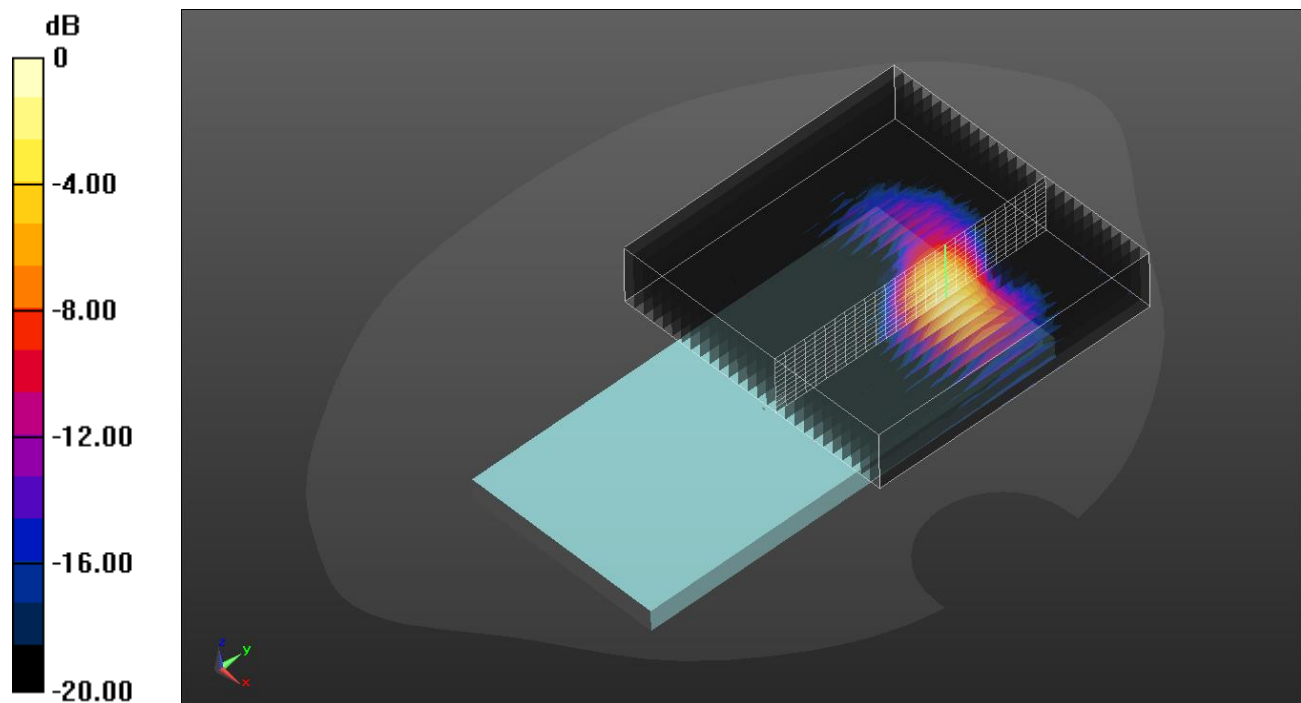
Reference Value = 8.642 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.191 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.037 W/kg

Total Absorbed Power = 0.000676 W

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

DTS MIMO

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.945$; $\rho = 1000$ 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 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2437 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Rear/802.11 g mode ch.6 MIMO 10mm/Volume Scan (28x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

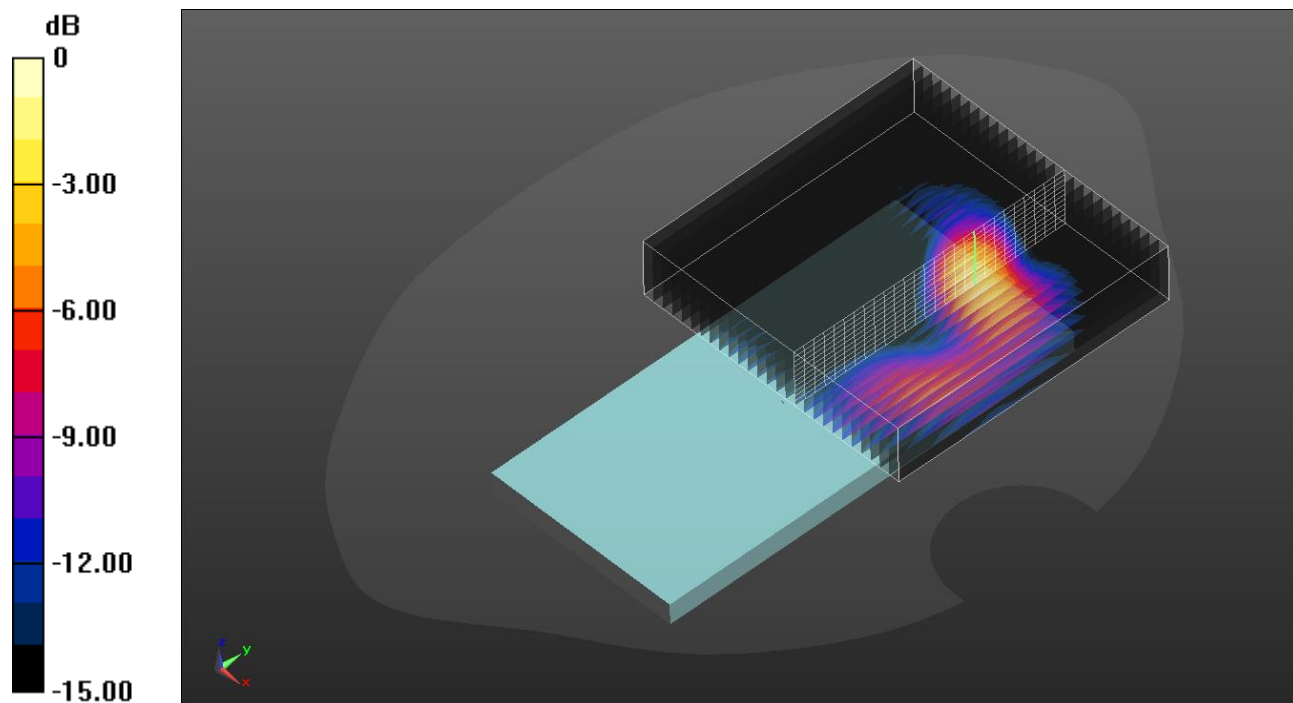
Reference Value = 13.21 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.089 W/kg

Total Absorbed Power = 0.00313 W

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg = -4.63 dBW/kg

LTE Band 2

Frequency: 1900 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 38.656$; $\rho = 1000$ 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 - SN7313; ConvF(8.36, 8.36, 8.36) @ 1900 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Edge 3/QPSK RB 1/49 ch.19100 10mm/Volume Scan (13x10x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

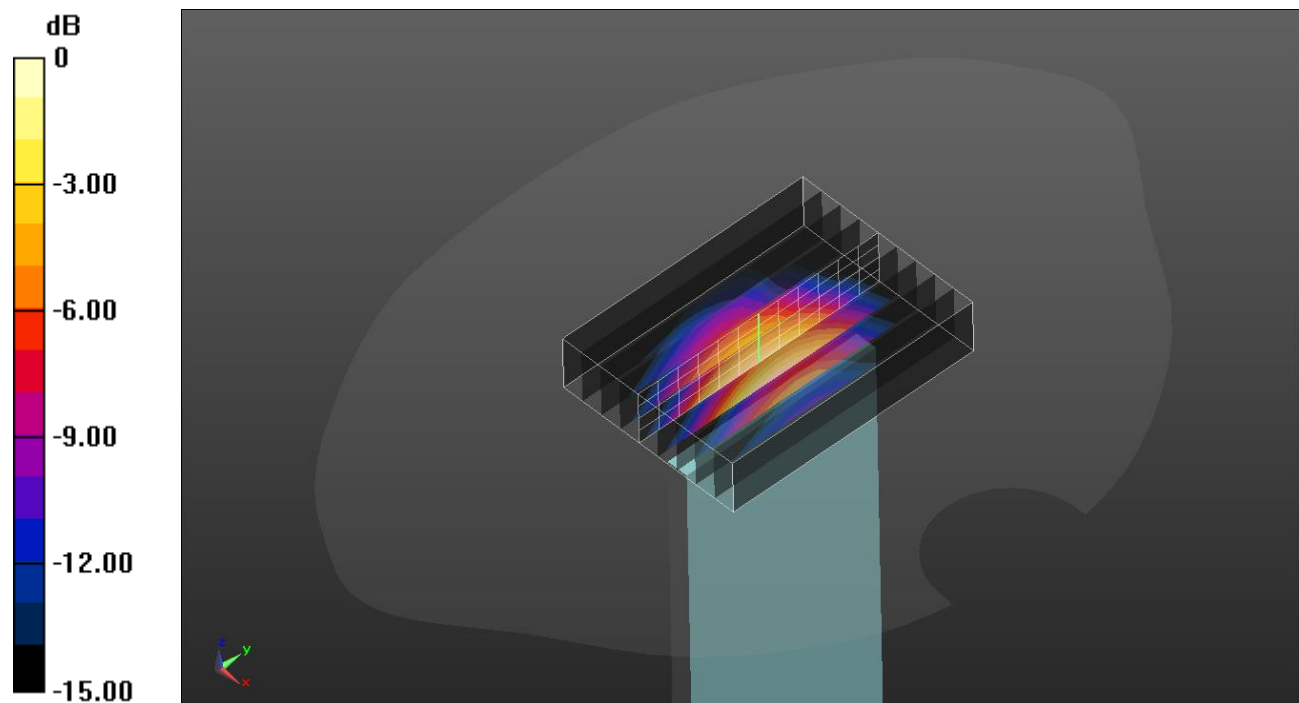
Reference Value = 29.08 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.983 W/kg; SAR(10 g) = 0.521 W/kg

Total Absorbed Power = 0.0165 W

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 40.976$; $\rho = 1000$ 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 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Edge 3/QPSK RB 1/53 ch.167300 10mm/Volume Scan (13x10x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

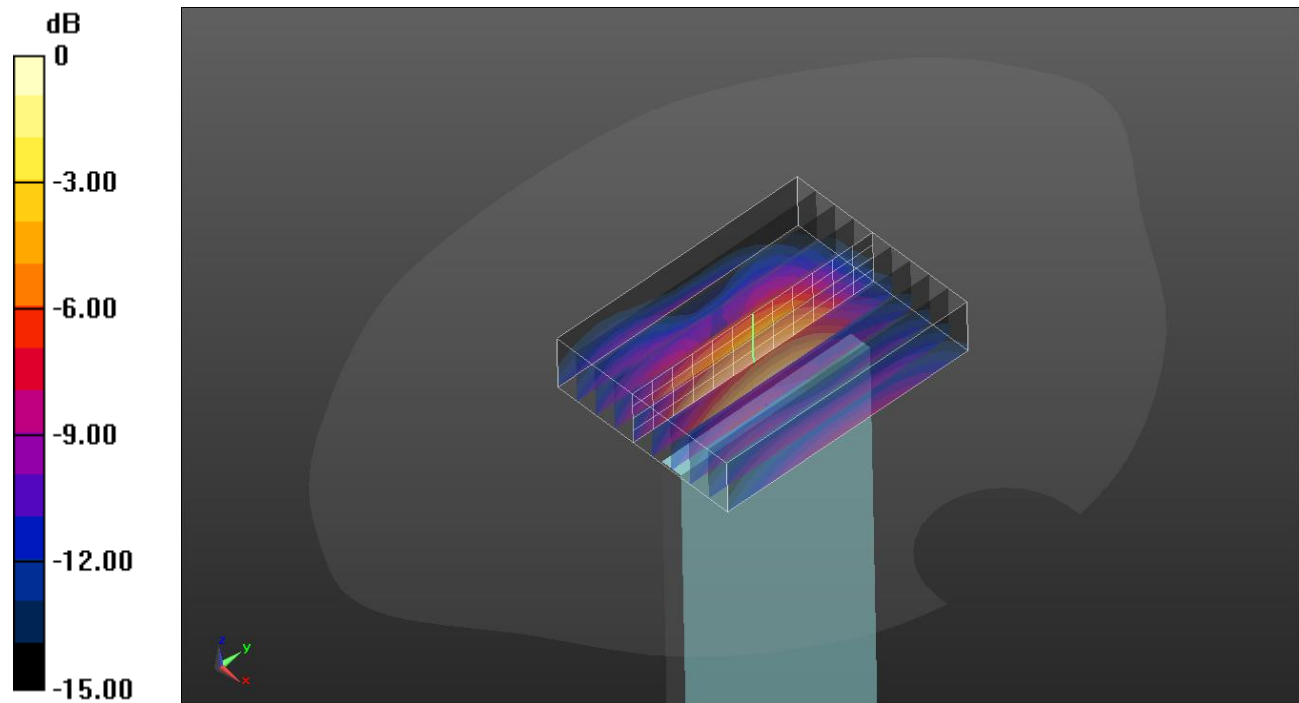
Reference Value = 22.84 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.179 W/kg

Total Absorbed Power = 0.00848 W

Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg = -2.75 dBW/kg

LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ 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 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Edge 3/QPSK RB 1/0 ch.20525 10mm/Volume Scan (13x10x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

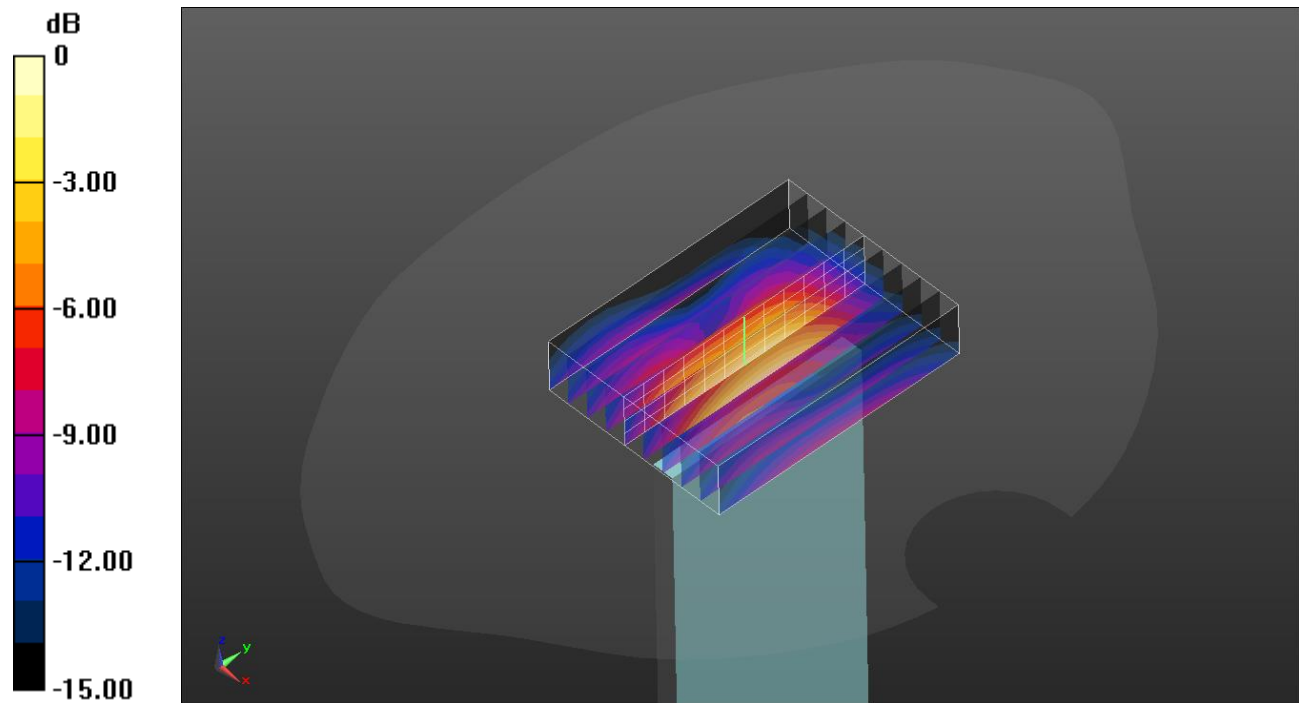
Reference Value = 5.513 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.369 W/kg; SAR(10 g) = 0.193 W/kg

Total Absorbed Power = 0.00930 W

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



0 dB = 0.505 W/kg = -2.97 dBW/kg

NR Band n66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ 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 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Edge 3/QPSK RB 1/53 ch.354000 10mm/Volume Scan (13x10x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

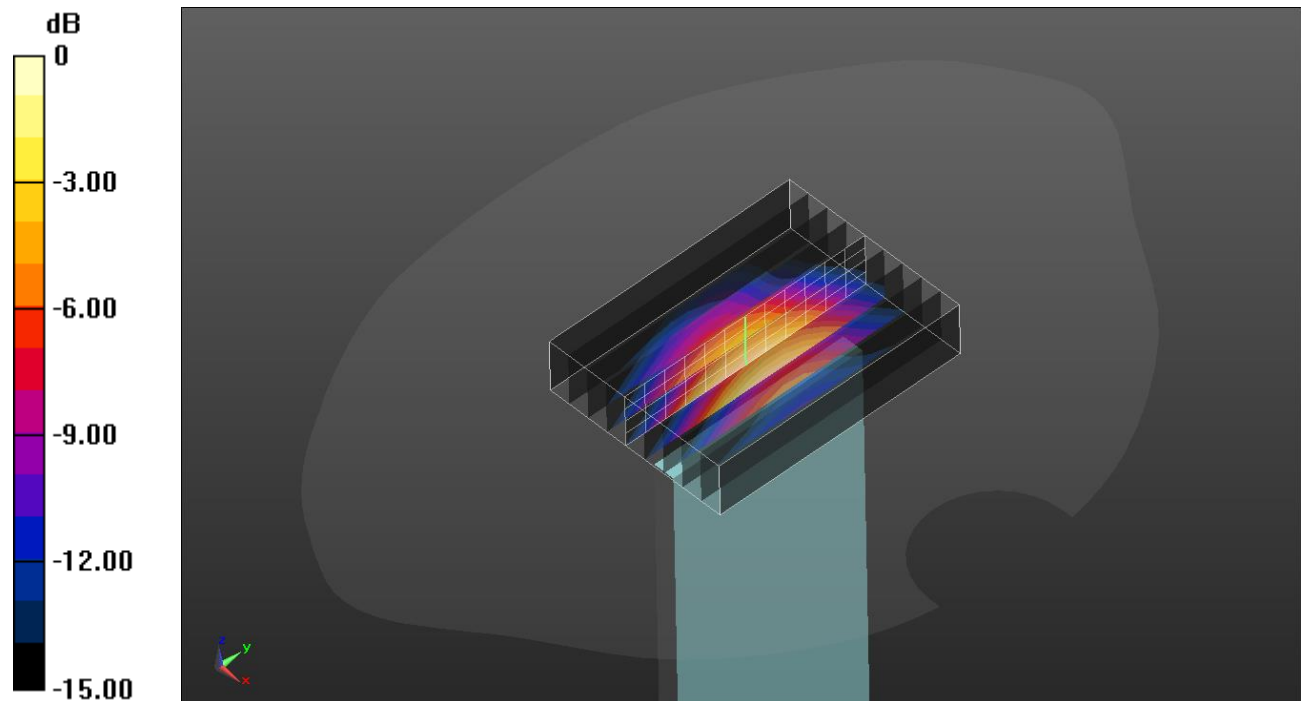
Reference Value = 5.385 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.521 W/kg

Total Absorbed Power = 0.0176 W

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



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

LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.103$; $\rho = 1000$ 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 - SN7313; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Edge 3/QPSK RB 1/0 ch.23095 10mm/Volume Scan (13x10x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

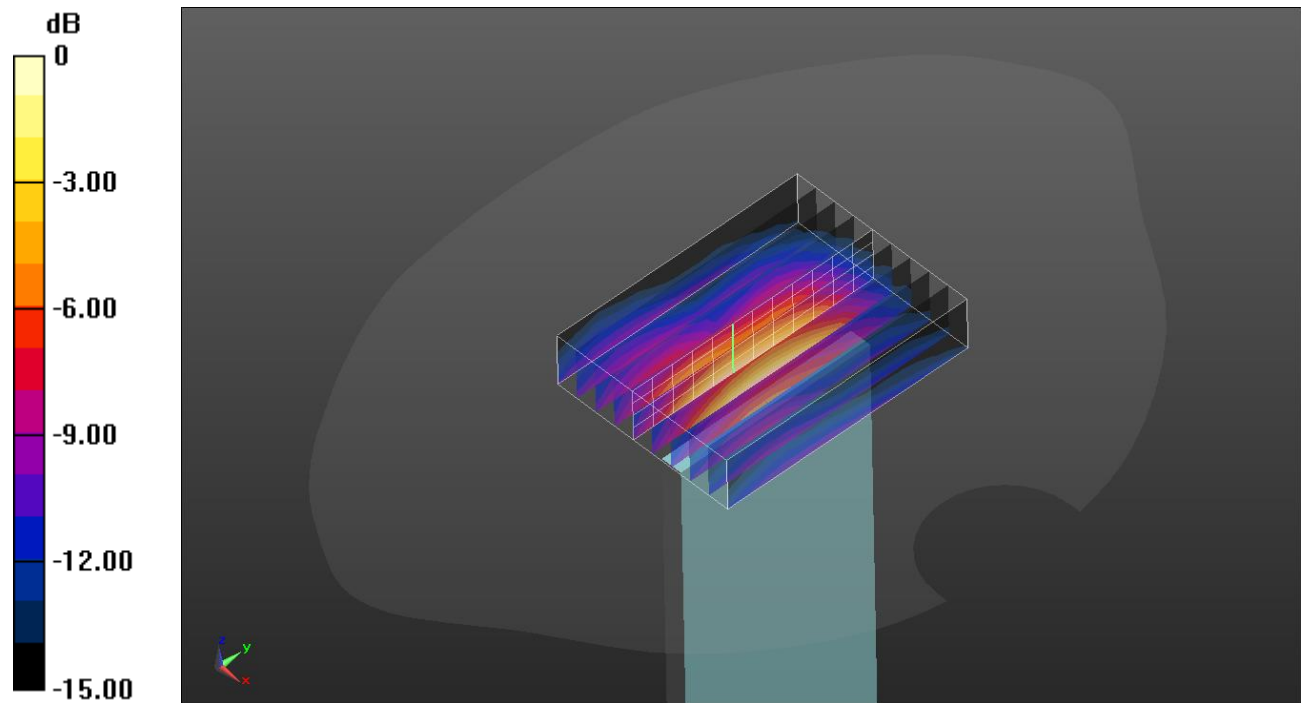
Reference Value = 2.744 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.045 W/kg

Total Absorbed Power = 0.00231 W

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg = -8.48 dBW/kg

LTE Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 38.833$; $\rho = 1000$ 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 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855

Edge 3/QPSK RB 50/24 ch.132572 10mm/Volume Scan (13x10x5): Measurement grid: dx=8mm, dy=8mm, dz=5mm

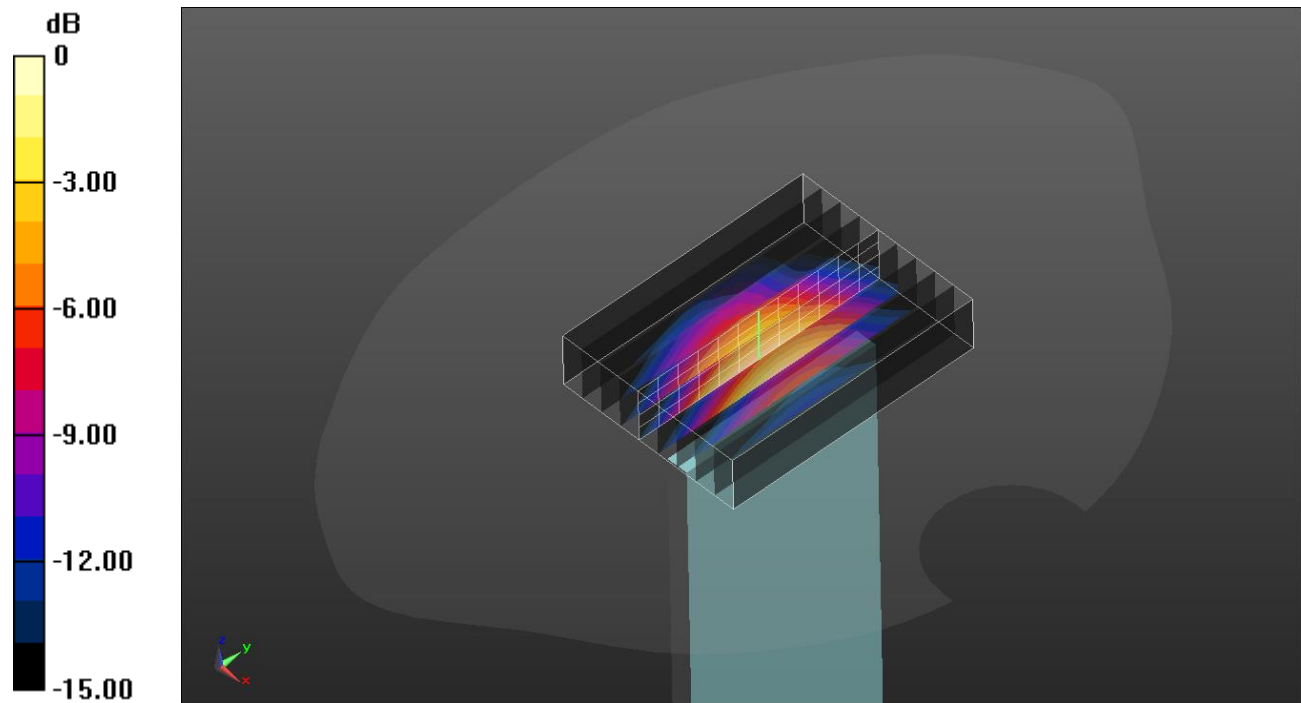
Reference Value = 28.08 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.466 W/kg

Total Absorbed Power = 0.0156 W

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

LTE Band 2 + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/QPSK RB 1/49 ch.18700 15mm/Volume Scan:

Date/Time: 2020-11-09, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 38.967$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.36, 8.36, 8.36) @ 1860 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (4)

DASY Configuration for Rear/QPSK RB 1/53 ch.167300 15mm/Volume Scan:

Date/Time: 2020-11-10, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL 835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.116$; $\rho = 1000$ kg/m³

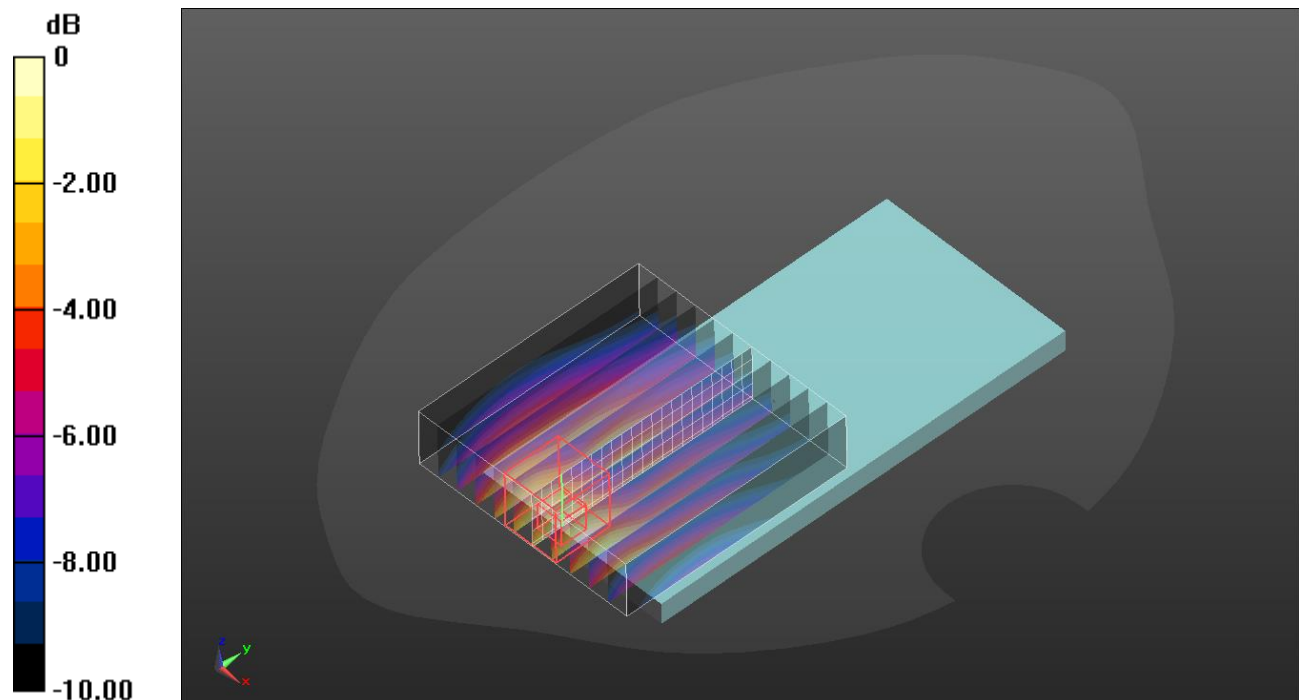
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.462 W/kg

Maximum value of SAR (interpolated) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

LTE Band 5 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/QPSK RB 1/0 ch.20525 15mm/Volume Scan:

Date/Time: 2020-11-06, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/QPSK RB 50/28 ch.354000 15mm/Volume Scan:

Date/Time: 2020-11-09, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³

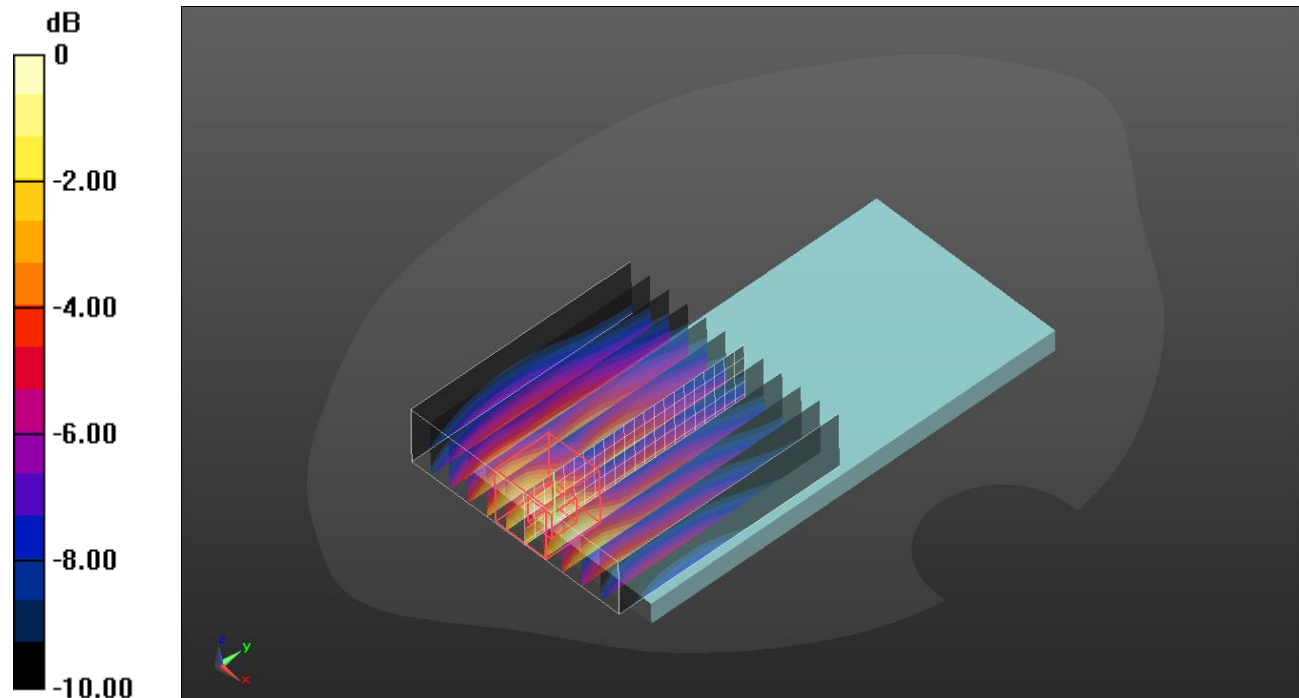
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.541 W/kg

Maximum value of SAR (interpolated) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

LTE Band 66 + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/QPSK RB 1/49 ch.132572 15mm/Volume Scan:

Date/Time: 2020-11-05, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/QPSK RB 1/53 ch.167300 15mm/Volume Scan:

Date/Time: 2020-11-10, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL 835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.116$; $\rho = 1000$ kg/m³

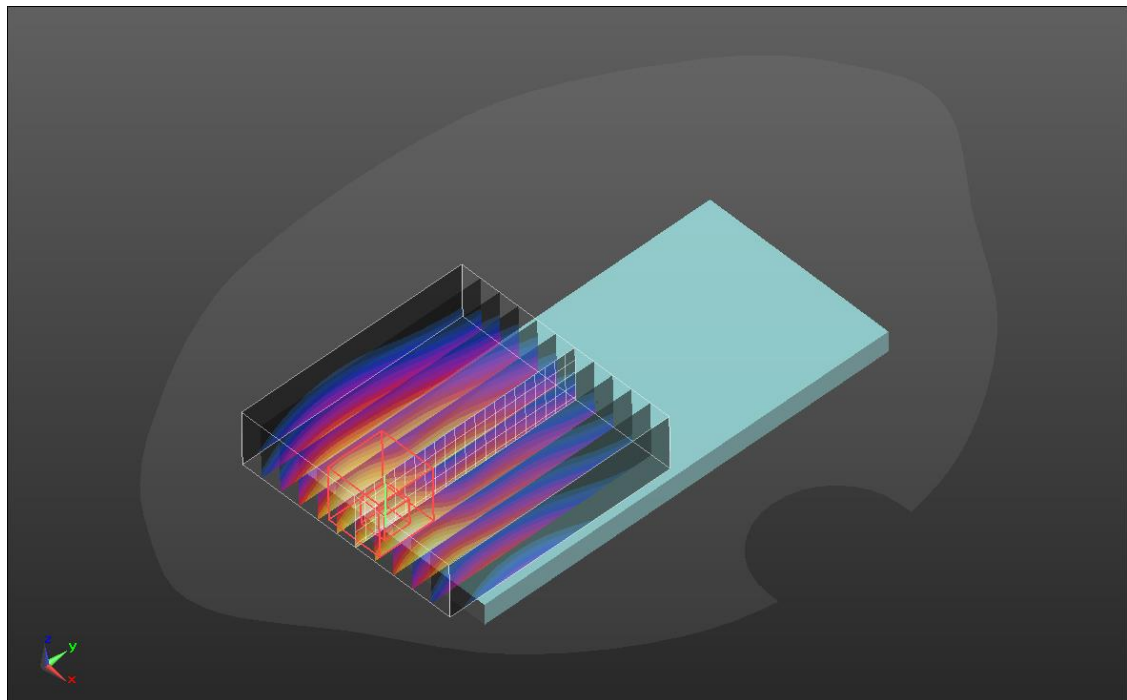
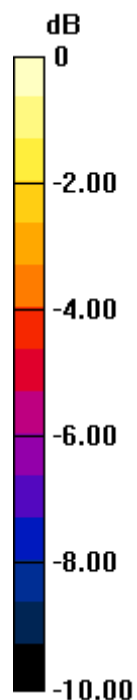
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (interpolated) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

UNII MIMO + Bluetooth

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/802.11 a mode ch.157 MIMO 15mm/Volume Scan:

Date/Time: 2020-11-10, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL5GHz Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.153$ S/m; $\epsilon_r = 34.435$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/Bluetooth GFSK ch.39 15mm/Volume Scan:

Date/Time: 2020-11-09, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1

Medium: HSL2450 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.049$; $\rho = 1000$ kg/m³

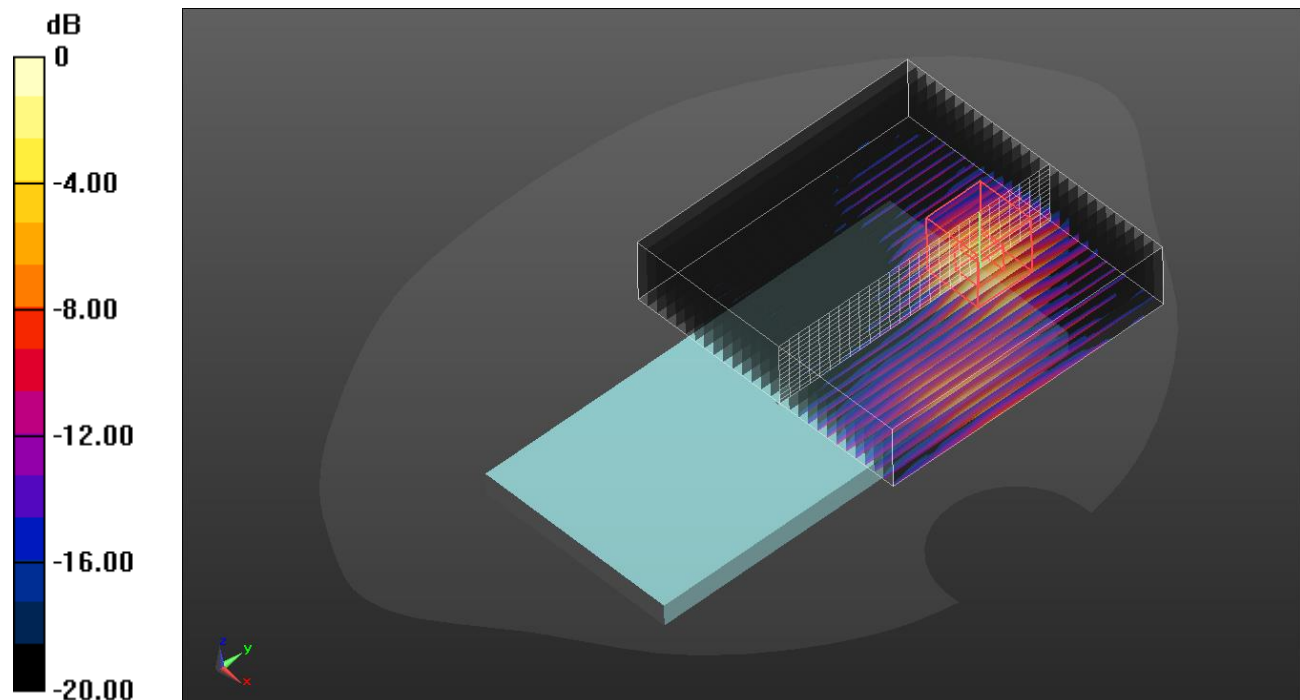
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2441 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (interpolated) = 2.35 W/kg



0 dB = 2.35 W/kg = 3.71 dBW/kg

LTE Band 2 + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/QPSK RB 50/0 ch.18700 10mm/Volume Scan:

Date/Time: 2020-11-10, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 38.967$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.36, 8.36, 8.36) @ 1860 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/QPSK RB 1/53 ch.167300 10mm/Volume Scan:

Date/Time: 2020-11-10, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL 835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.116$; $\rho = 1000$ kg/m³

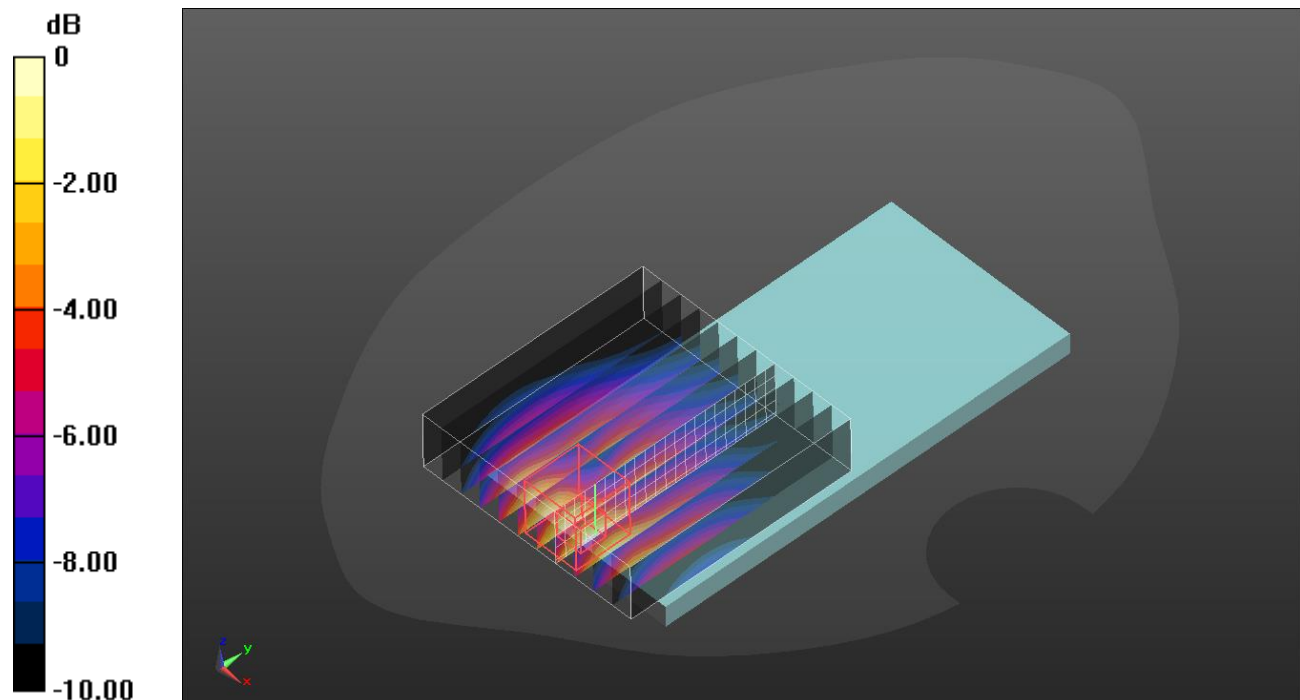
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- 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) = 1.15 W/kg; SAR(10 g) = 0.646 W/kg

Maximum value of SAR (interpolated) = 1.933 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

LTE Band 5 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/QPSK RB 1/0 ch.20525 10mm/Volume Scan:

Date/Time: 2020-11-06, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/QPSK RB 1/53 ch.354000 10mm/Volume Scan:

Date/Time: 2020-11-09, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³

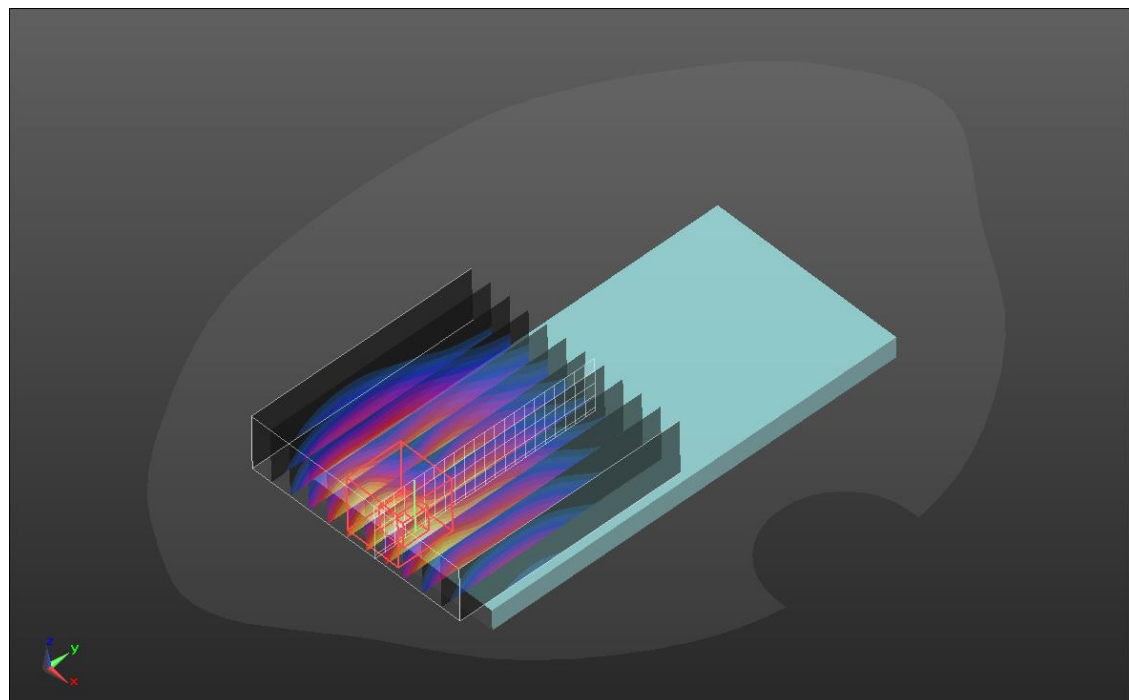
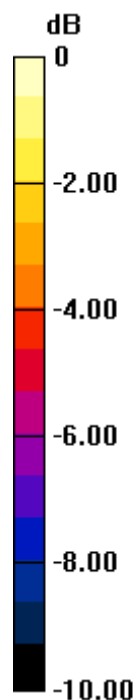
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- 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) = 1.24 W/kg; SAR(10 g) = 0.707 W/kg

Maximum value of SAR (interpolated) = 2.07 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

LTE Band 12 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/QPSK RB 1/0 ch.23095 10mm/Volume Scan:

Date/Time: 2020-11-06, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL750 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.103$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/QPSK RB 1/53 ch.354000 10mm/Volume Scan:

Date/Time: 2020-11-09, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³

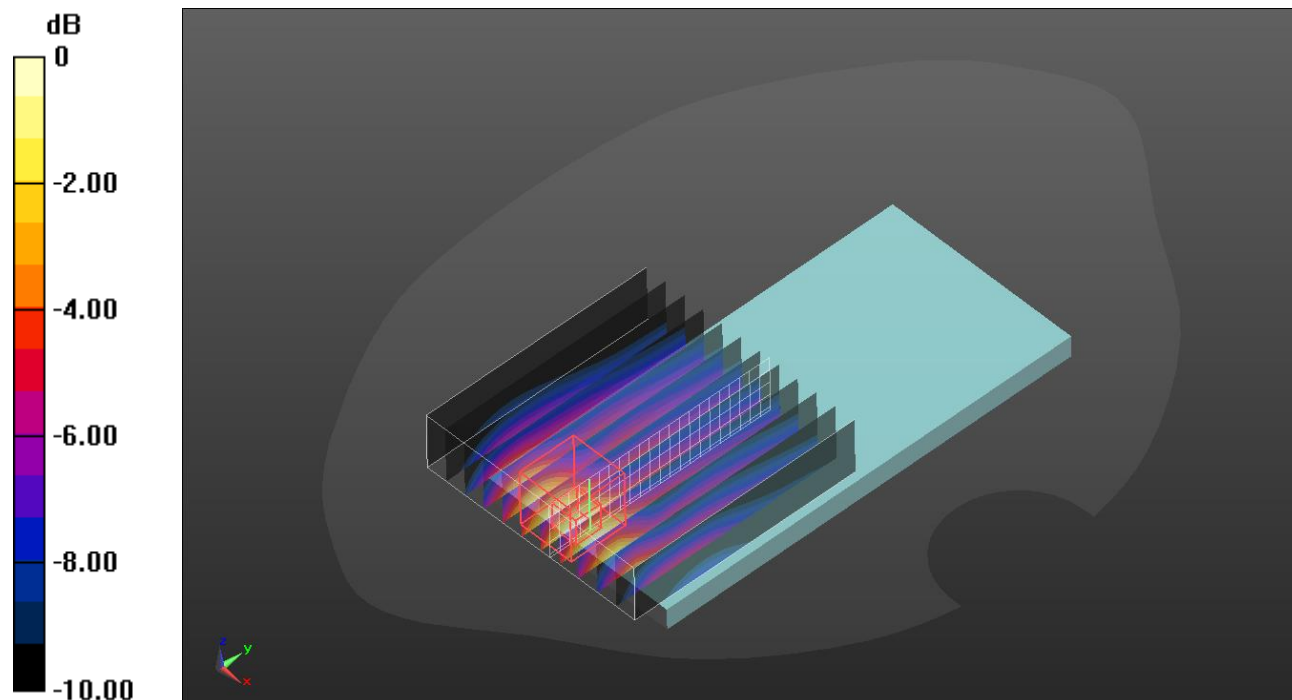
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.470 W/kg

Maximum value of SAR (interpolated) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

LTE Band 66 + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/QPSK RB 50/24 ch.132572 10mm/Volume Scan:

Date/Time: 2020-11-05, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/QPSK RB 1/53 ch.167300 10mm/Volume Scan:

Date/Time: 2020-11-10, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL 835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 41.116$; $\rho = 1000$ kg/m³

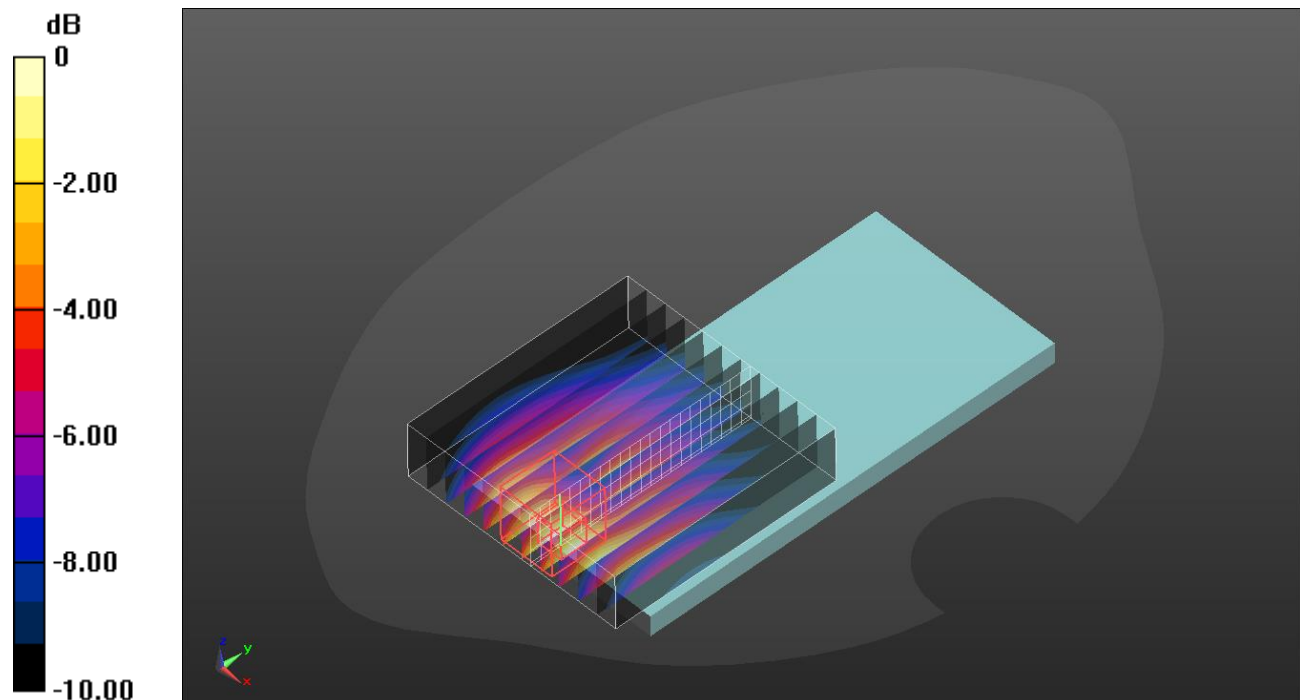
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- 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) = 1.12 W/kg; SAR(10 g) = 0.638 W/kg

Maximum value of SAR (interpolated) = 1.89 W/kg



0 dB = 1.89 W/kg = 2.76 dBW/kg

UNII MIMO + Bluetooth

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/802.11 a mode ch.149 MIMO 10mm/Volume Scan:

Date/Time: 2020-11-05, 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: HSL5GHz Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.254$ S/m; $\epsilon_r = 34.835$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5745 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/Bluetooth GFSK ch.39 10mm/Volume Scan:

Date/Time: 2020-11-05, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, Bluetooth (DH5) (0); Frequency: 2441 MHz; Duty Cycle: 1:1.29033; PMF: 1

Medium: HSL2450 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.814$ S/m; $\epsilon_r = 38.844$; $\rho = 1000$ kg/m³

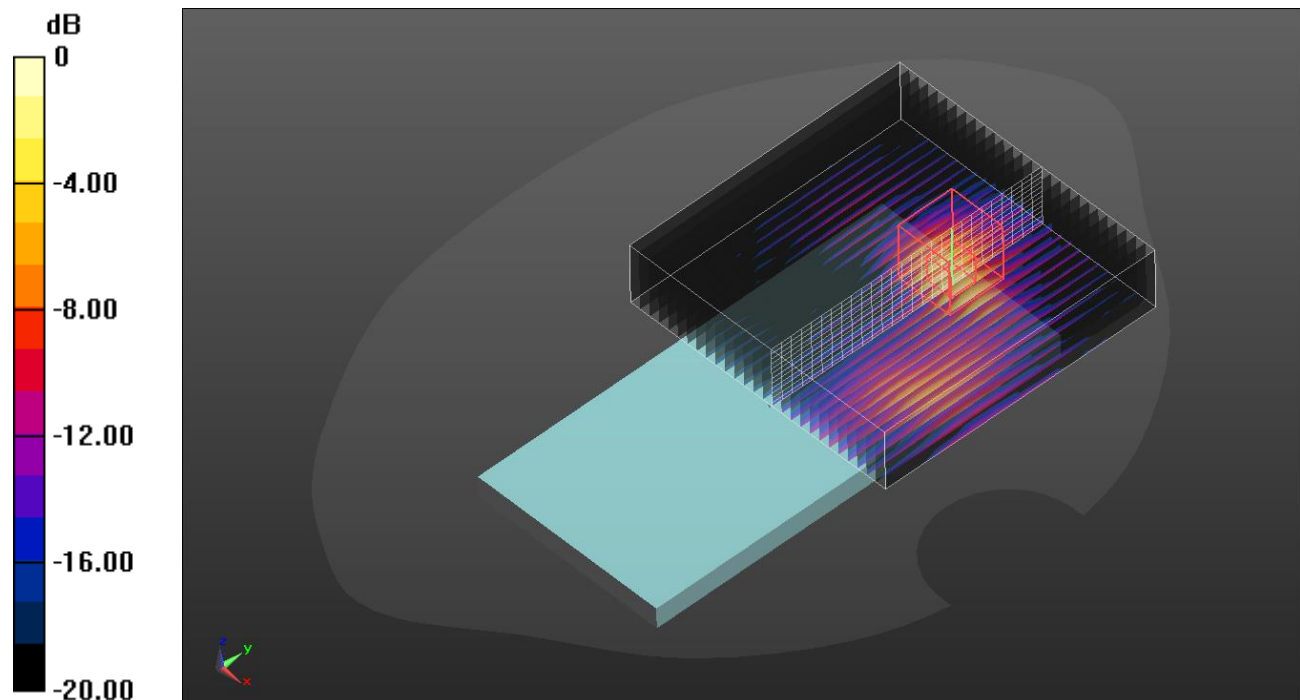
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2441 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (interpolated) = 3.03 W/kg



0 dB = 3.03 W/kg = 4.81 dBW/kg

DTS RSDB Ant 1 + UNII RSDB MIMO

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/802.11 b mode ch.11 RSDB SISO Ant 1 10mm/Volume Scan:

Date/Time: 2020-11-11, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL2.4GHz Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2462 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11 ac mode ch.155 RSDB MIMO 10mm/Volume Scan:

Date/Time: 2020-11-10, 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; $\sigma = 5.134$ S/m; $\epsilon_r = 34.46$; $\rho = 1000$ kg/m³

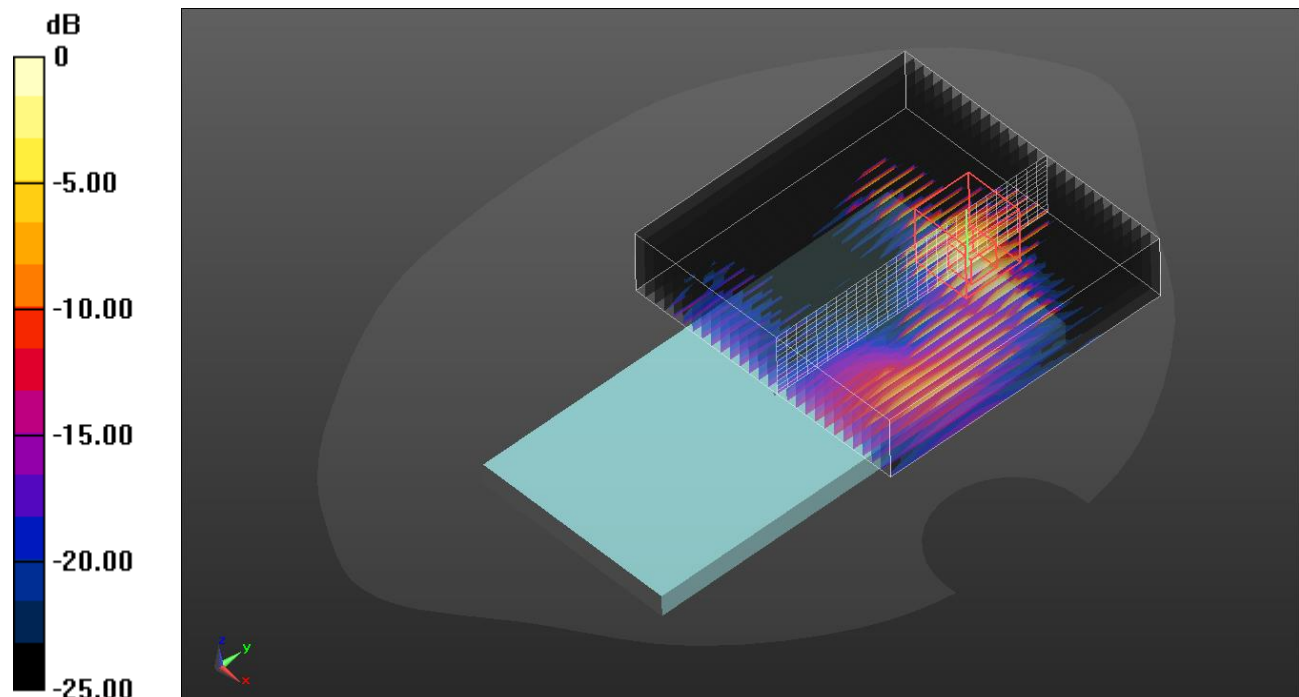
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.131 W/kg

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



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

DTS RSDB Ant 2 + UNII RSDB MIMO

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/802.11 b mode ch.11 RSDB SISO Ant 2 10mm/Volume Scan:

Date/Time: 2020-11-11, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2462 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL2.4GHz Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.782$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2462 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11 ac mode ch.155 RSDB MIMO 10mm/Volume Scan:

Date/Time: 2020-11-10, 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; $\sigma = 5.134$ S/m; $\epsilon_r = 34.46$; $\rho = 1000$ kg/m³

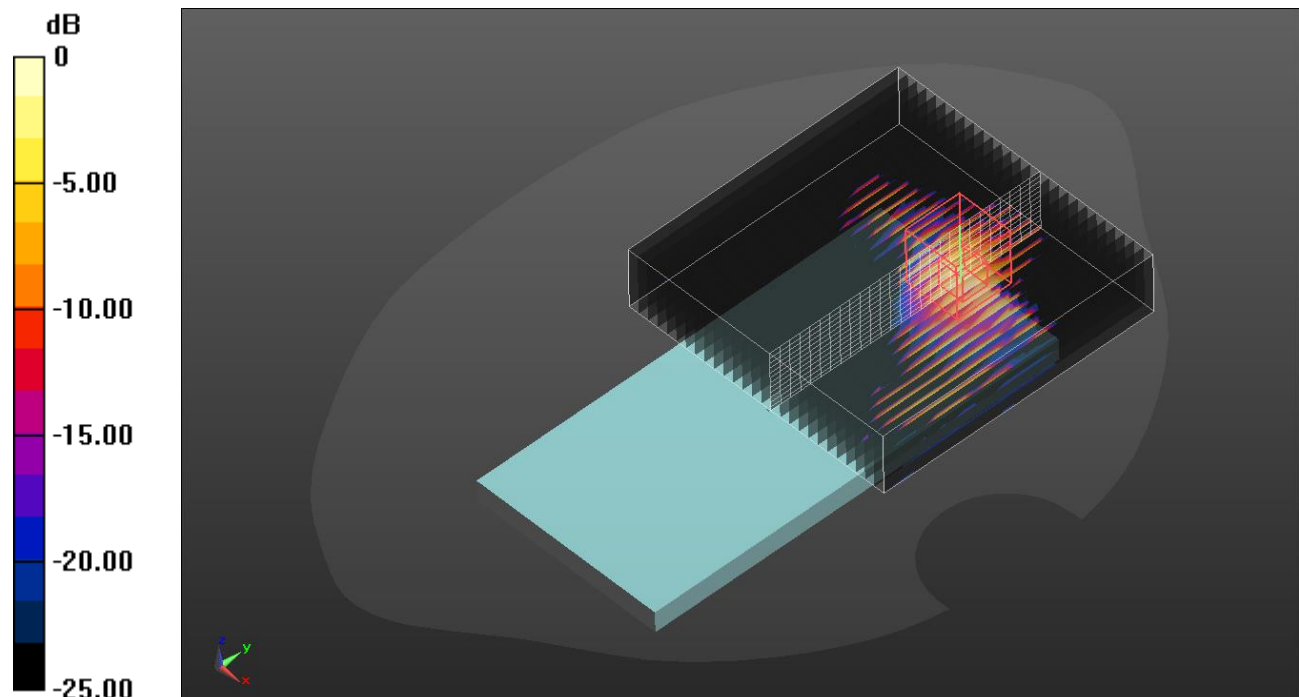
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.150 W/kg

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



0 dB = 1.60 W/kg = 2.04 dBW/kg

DTS MIMO + UNII RSDB MIMO

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/802.11 g mode ch.6 MIMO 10mm/Volume Scan:

Date/Time: 2020-11-12, 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: HSL2.4GHz Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.945$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(7.76, 7.76, 7.76) @ 2437 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Rear/802.11 ac mode ch.155 RSDB MIMO 10mm/Volume Scan:

Date/Time: 2020-11-10, 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; $\sigma = 5.134$ S/m; $\epsilon_r = 34.46$; $\rho = 1000$ kg/m³

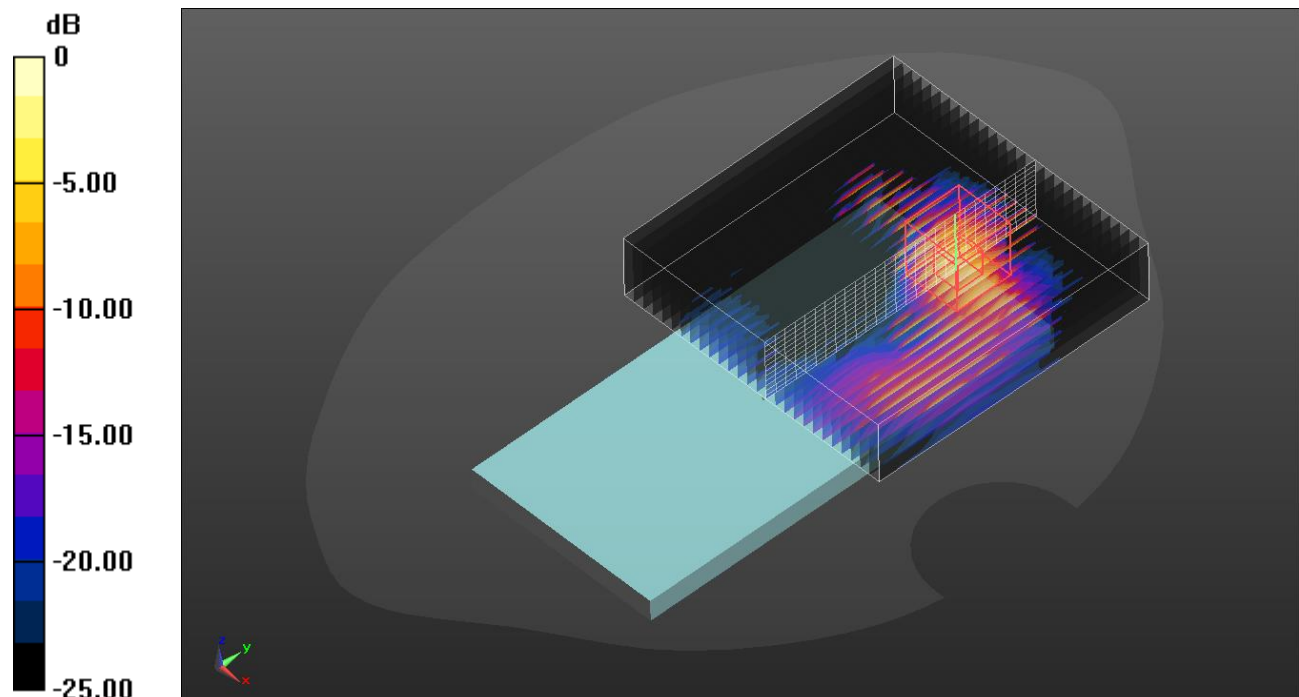
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (interpolated) = 1.90 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

LTE Band 2 + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 3/QPSK RB 1/49 ch.19100 10mm/Volume Scan:

Date/Time: 2020-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1900 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 38.656$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.36, 8.36, 8.36) @ 1900 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Edge 3/QPSK RB 1/53 ch.167300 10mm/Volume Scan:

Date/Time: 2020-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 40.976$; $\rho = 1000$ kg/m³

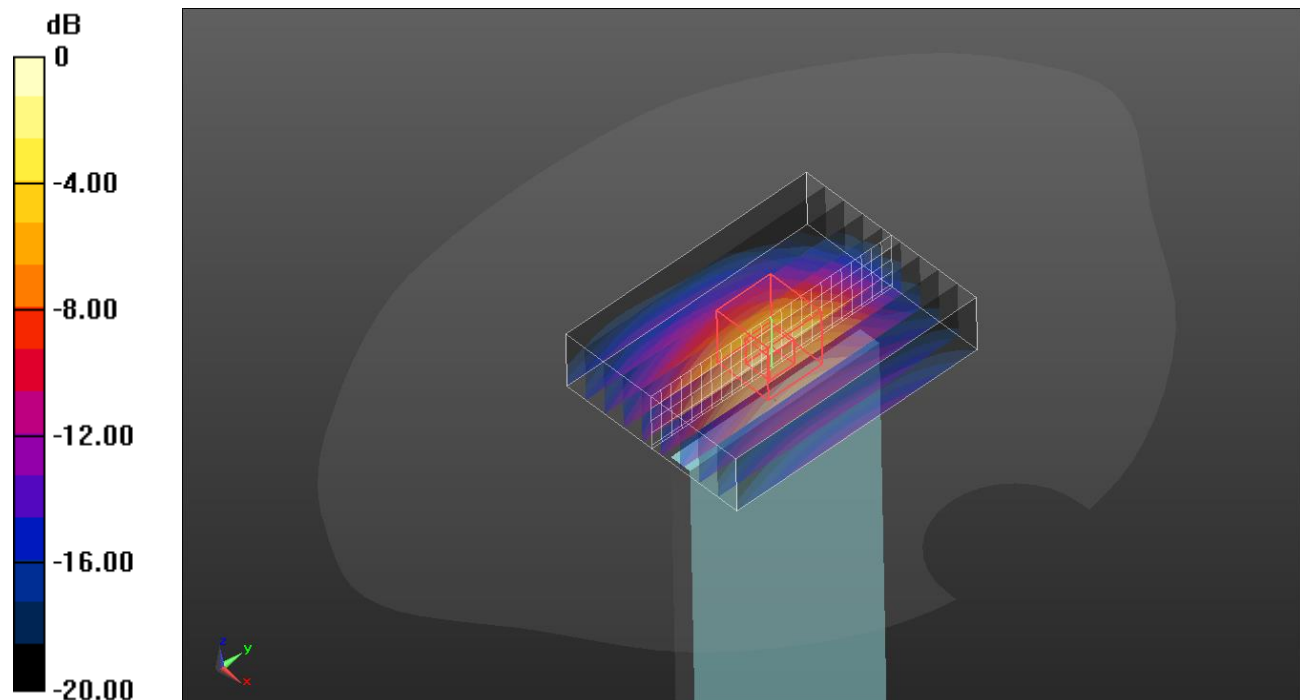
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (4)

Multi Band Result:

SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.841 W/kg

Maximum value of SAR (interpolated) = 2.71 W/kg



0 dB = 2.74 W/kg = 4.38 dBW/kg

LTE Band 5 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 3/QPSK RB 1/0 ch.20525 10mm/Volume Scan:

Date/Time: 2020-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Edge 3/QPSK RB 1/53 ch.354000 10mm/Volume Scan:

Date/Time: 2020-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ kg/m³

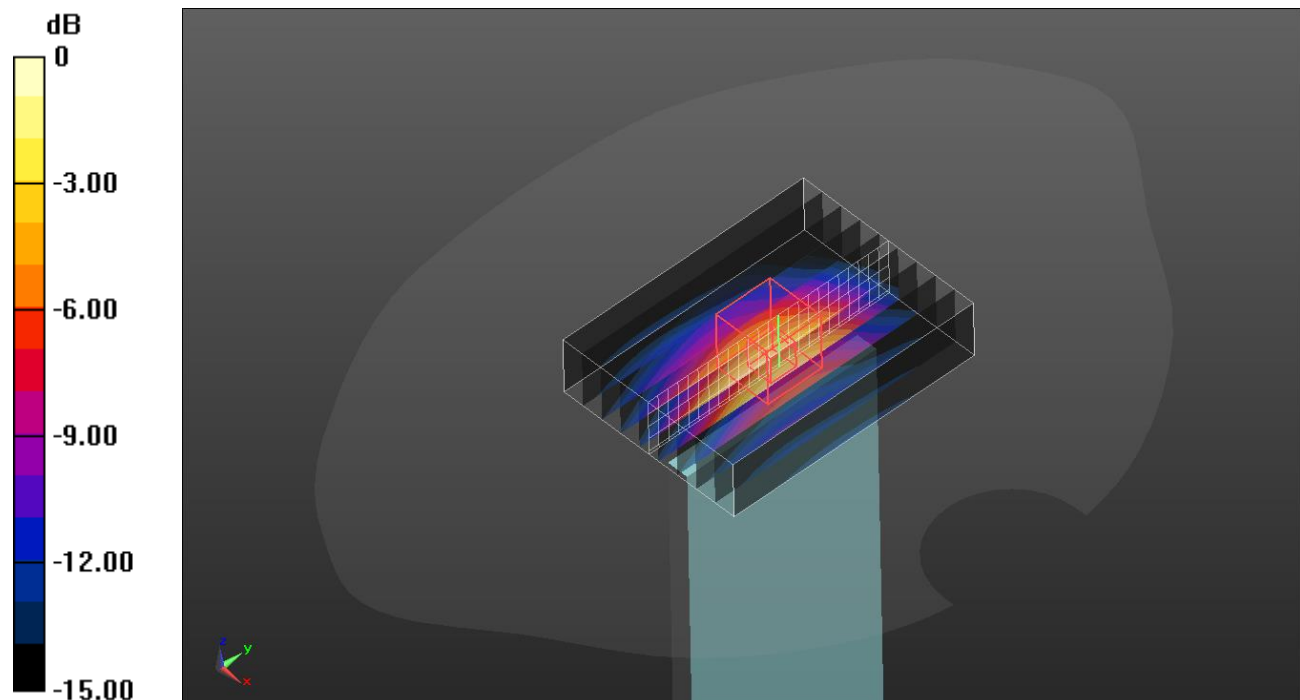
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (4)

Multi Band Result:

SAR(1 g) = 1.57 W/kg; SAR(10 g) = 0.842 W/kg

Maximum value of SAR (interpolated) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

LTE Band 12 + NR Band n66

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge 3/QPSK RB 1/0 ch.23095 10mm/Volume Scan:

Date/Time: 2020-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL750 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 42.103$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Edge 3/QPSK RB 1/53 ch.354000 10mm/Volume Scan:

Date/Time: 2020-11-04, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 39.902$; $\rho = 1000$ kg/m³

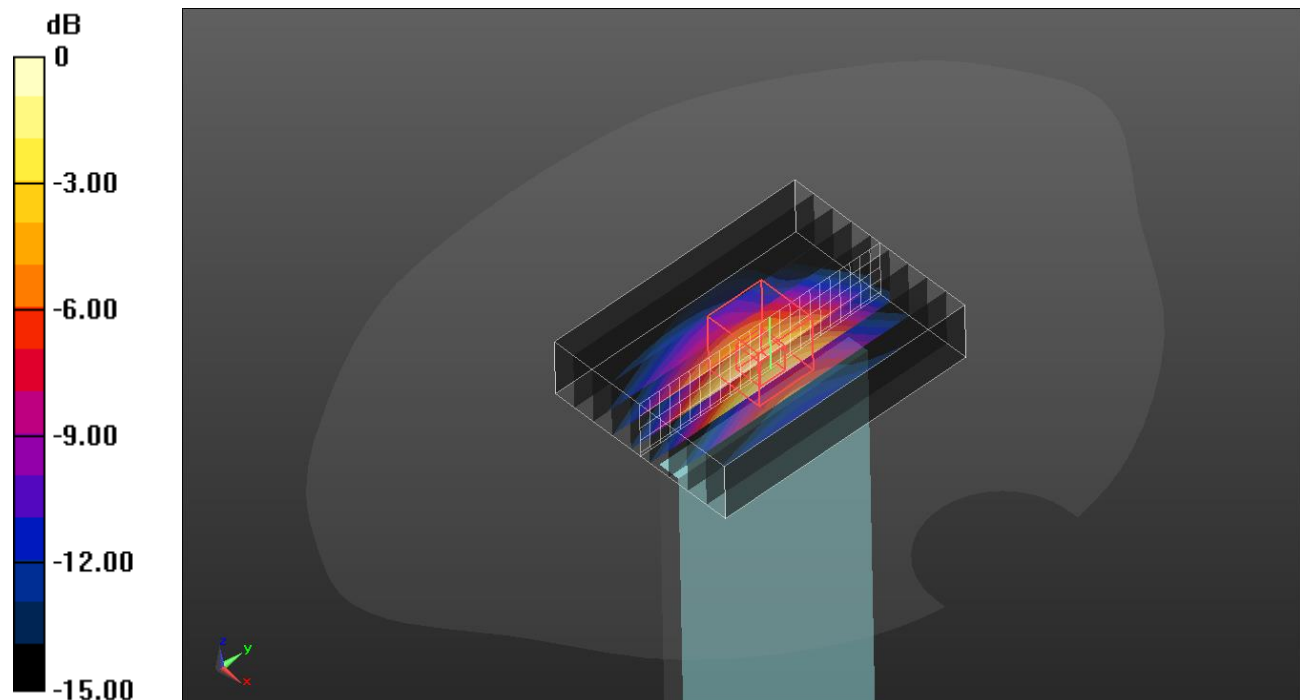
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (4)

Multi Band Result:

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.670 W/kg

Maximum value of SAR (interpolated) = 2.12 W/kg



0 dB = 2.12 W/kg = 3.26 dBW/kg

LTE Band 66 + NR Band n5

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Edge3/QPSK RB 50/24 ch.132572 10mm/Volume Scan:

Date/Time: 2020-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1700 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 38.833$; $\rho = 1000$ kg/m³

Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(8.64, 8.64, 8.64) @ 1770 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (4)

DASY Configuration for Edge 3/QPSK RB 1/53 ch.167300 10mm/Volume Scan:

Date/Time: 2020-10-28, Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL835 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 40.976$; $\rho = 1000$ kg/m³

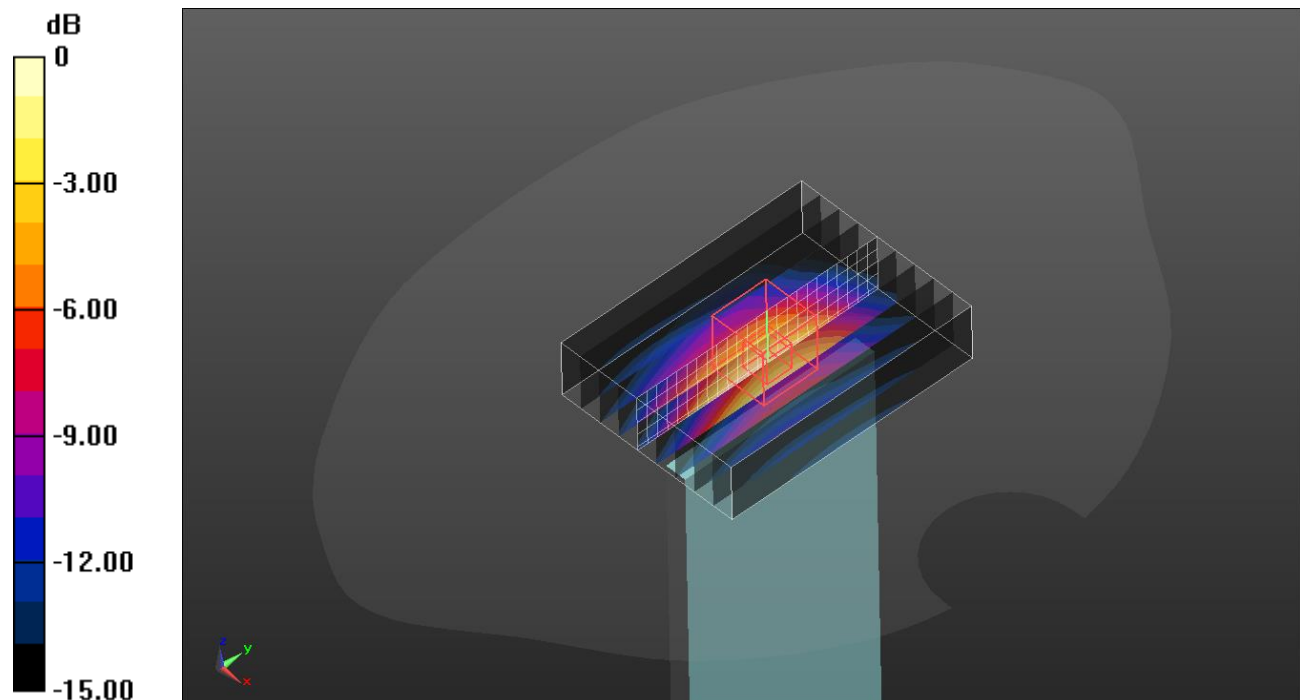
Phantom section: Flat Section, Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7313; ConvF(9.57, 9.57, 9.57) @ 836.5 MHz; Calibrated: 2020-02-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1494; Calibrated: 2020-07-23
- Phantom: Twin-SAM V5.0 (Right); Type: QD 000 P40 CD; Serial: 1855
- Measurement SW: DASY52, Version 52.10 (4)

Multi Band Result:

SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.764 W/kg

Maximum value of SAR (interpolated) = 2.46 W/kg



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