

Wi-Fi 2.4GHz Reduced Power ANT A

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 38.05$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Probe: EX3DV4 - SN7335; ConvF(7.92, 7.92, 7.92) @ 2437 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Back; Type: QD OVA 004 AA; Serial: 2082

Folded Edge 1/802.11b_1 Mbps_Ch 6_0mm_SISO/Area Scan (7x13x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.325 W/kg

Folded Edge 1/802.11b_1 Mbps_Ch 6_0mm_SISO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.41 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.723 W/kg

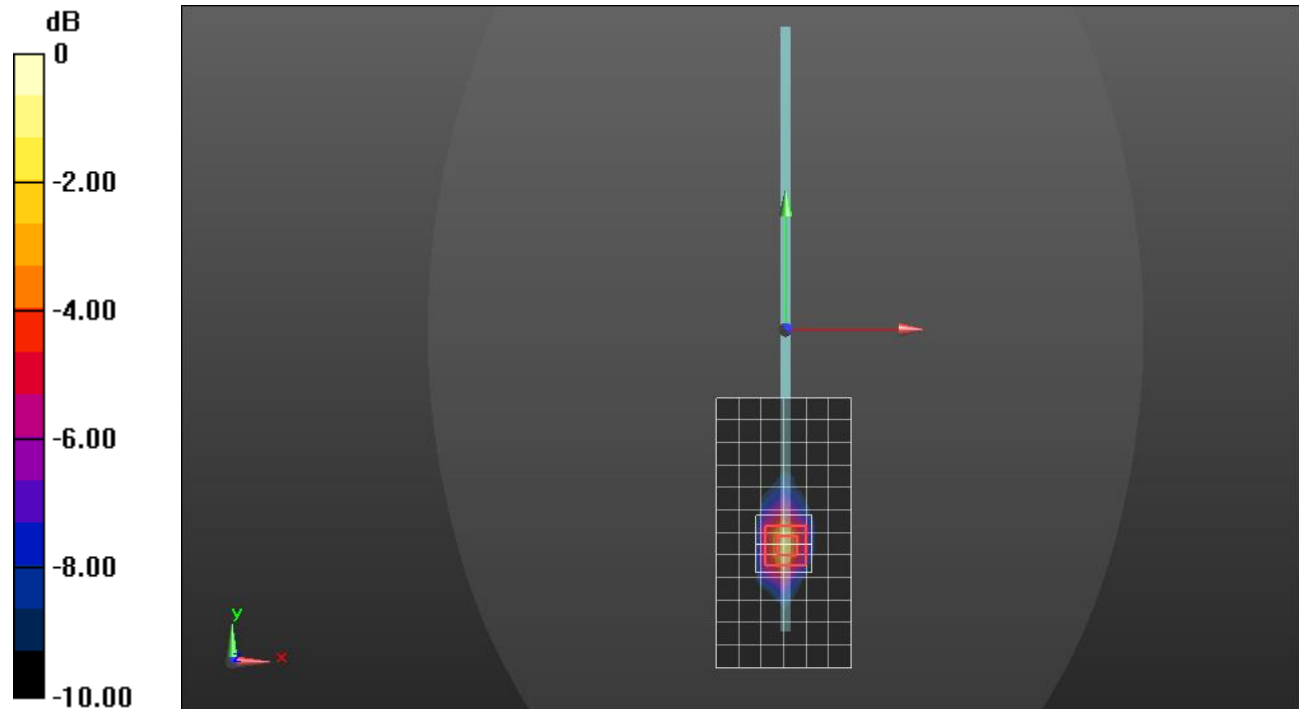
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.132 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 40.2%

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.539 W/kg = -2.68 dBW/kg

Wi-Fi 2.4GHz Reduced Power ANT B

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 38.05$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Probe: EX3DV4 - SN7335; ConvF(7.92, 7.92, 7.92) @ 2437 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Back; Type: QD OVA 004 AA; Serial: 2082

Folded Edge 1/802.11b_1 Mbps_Ch 6_0mm_SISO/Area Scan (7x13x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.335 W/kg

Folded Edge 1/802.11b_1 Mbps_Ch 6_0mm_SISO/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.55 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.737 W/kg

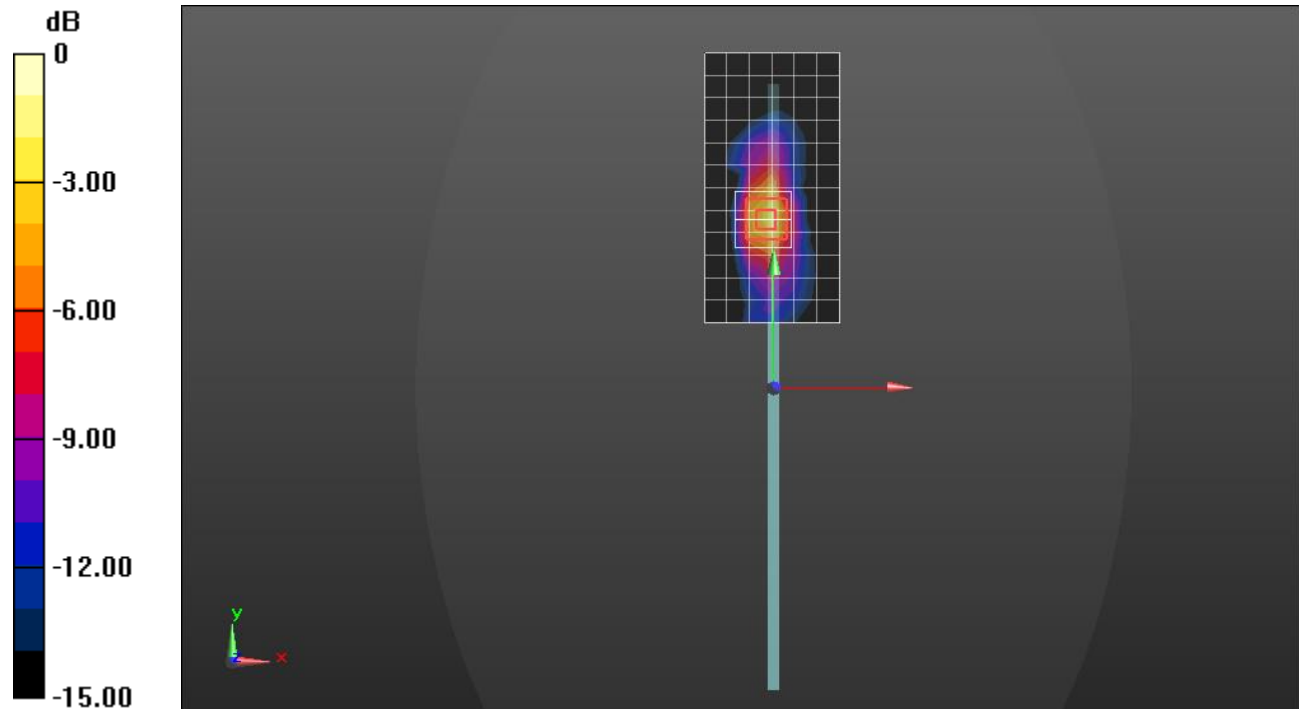
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.142 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 41.7%

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg

Wi-Fi 5GHz Lower Band Reduced Power ANT A

Frequency: 5250 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.471 \text{ S/m}$; $\epsilon_r = 37.266$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/22/2021
- Probe: EX3DV4 - SN7448; ConvF(5.05, 5.05, 5.05) @ 5250 MHz; Calibrated: 2/26/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QD OVA 002 AA; Serial: 1194

Folded Edge 1/802.11ax_HE 160_Ch 50_RU S61_0mm_SISO/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.612 W/kg

Folded Edge 1/802.11ax_HE 160_Ch 50_RU S61_0mm_SISO/Zoom Scan

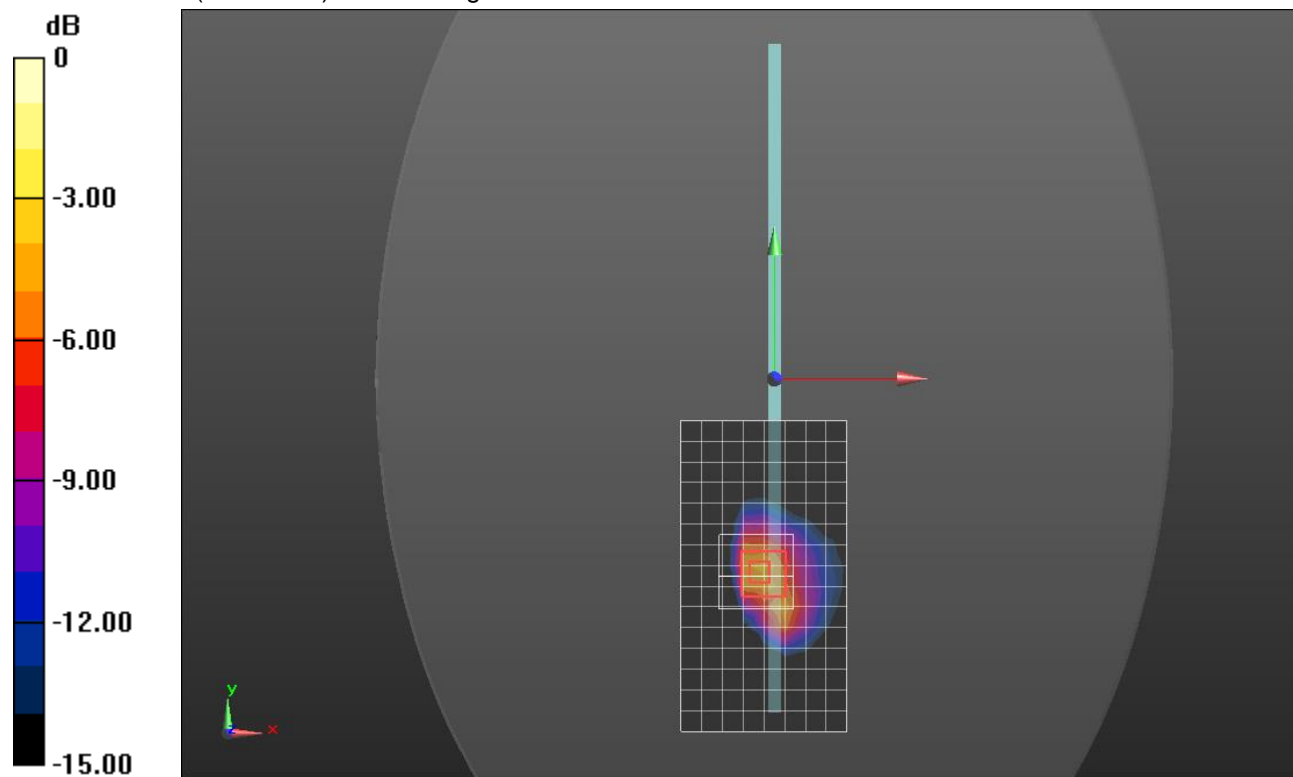
(10x10x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 15.57 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Wi-Fi 5GHz Lower Band Reduced Power ANT B

Frequency: 5250 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.471$ S/m; $\epsilon_r = 37.266$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/22/2021
- Probe: EX3DV4 - SN7448; ConvF(5.05, 5.05, 5.05) @ 5250 MHz; Calibrated: 2/26/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI A v5.0; Type: QD OVA 002 AA; Serial: 1194

Folded Edge 1/802.11ax_HE 160_Ch 50_RU S61_0mm_SISO/Area Scan (9x16x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.409 W/kg

Folded Edge 1/802.11ax_HE 160_Ch 50_RU S61_0mm_SISO/Zoom Scan (9x9x12)/Cube

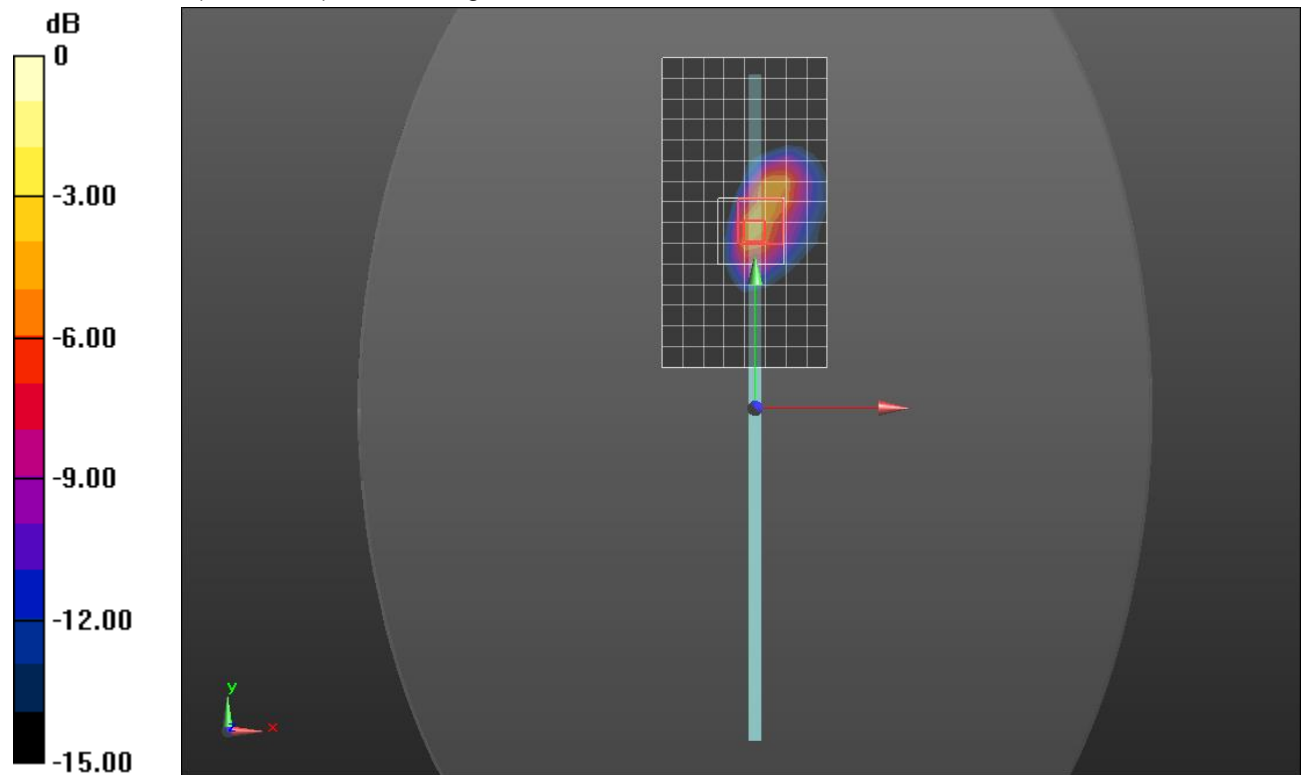
0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.41 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

5.5GHz Reduced Power ANT A

Frequency: 5570 MHz; Duty Cycle: 1:7.31644; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5570 \text{ MHz}$; $\sigma = 4.99 \text{ S/m}$; $\epsilon_r = 34.507$; $\rho = 1000 \text{ kg/m}^3$

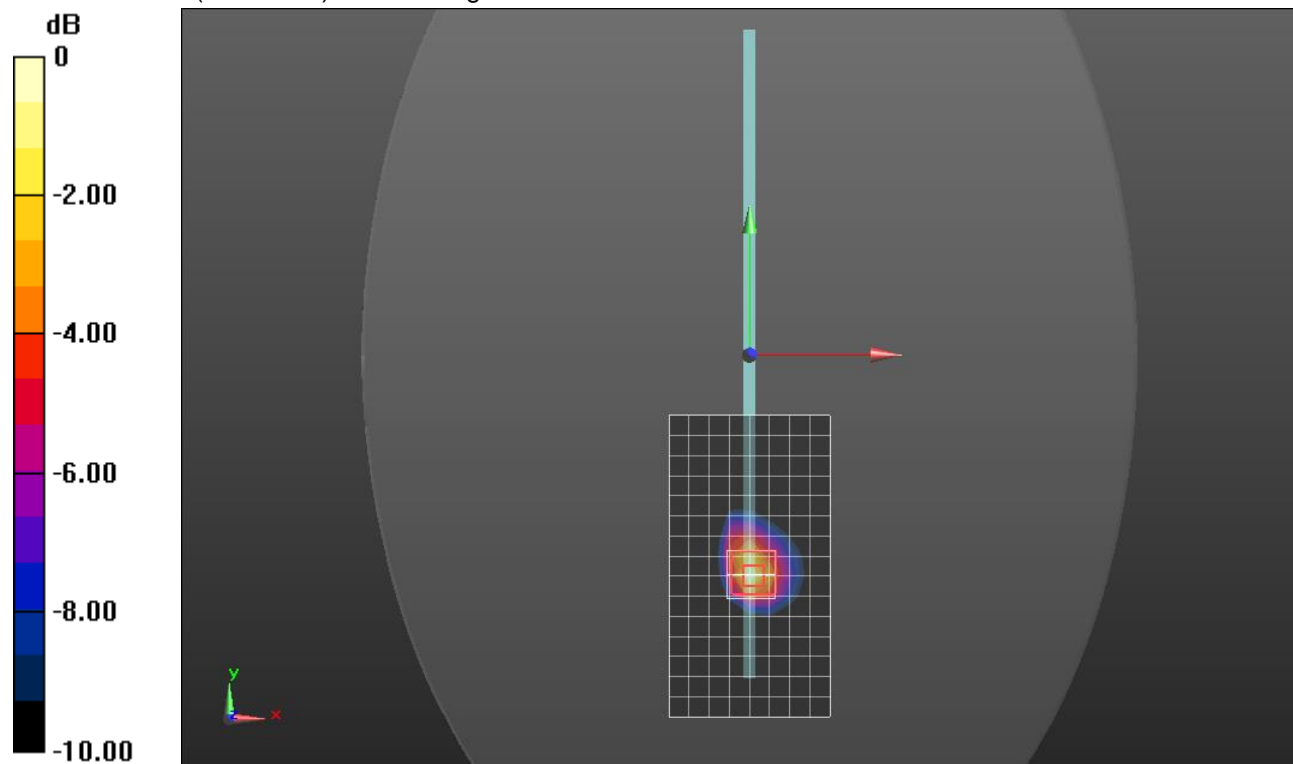
DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Probe: EX3DV4 - SN3772; ConvF(4.52, 4.52, 4.52) @ 5570 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI Front; Type: QDOVA002AA; Serial: TP:2085

Folded Edge 1/802.11ax HE 160_Ch 114 RU S67_0 mm_/Area Scan (9x16x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 2.13 W/kg

Folded Edge 1/802.11ax HE 160_Ch 114 RU S67_0 mm_/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 18.15 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.305 W/kg
 Smallest distance from peaks to all points 3 dB below = 7.5 mm
 Ratio of SAR at M2 to SAR at M1 = 52.2%
 Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

5.5GHz Reduced Power ANT B

Frequency: 5570 MHz; Duty Cycle: 1:7.31644; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5570 \text{ MHz}$; $\sigma = 4.99 \text{ S/m}$; $\epsilon_r = 34.507$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Probe: EX3DV4 - SN3772; ConvF(4.52, 4.52, 4.52) @ 5570 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI Front; Type: QDOVA002AA; Serial: TP:2085

Folded Edge 1/802.11ax HE 160_Ch 115 RU S67_0 mm_/Area Scan (9x16x1): Measurement

grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.78 W/kg

Folded Edge 1/802.11ax HE 160_Ch 115 RU S67_0 mm_/Zoom Scan (7x7x12)/Cube 0:

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

Reference Value = 16.45 V/m; Power Drift = -0.19 dB

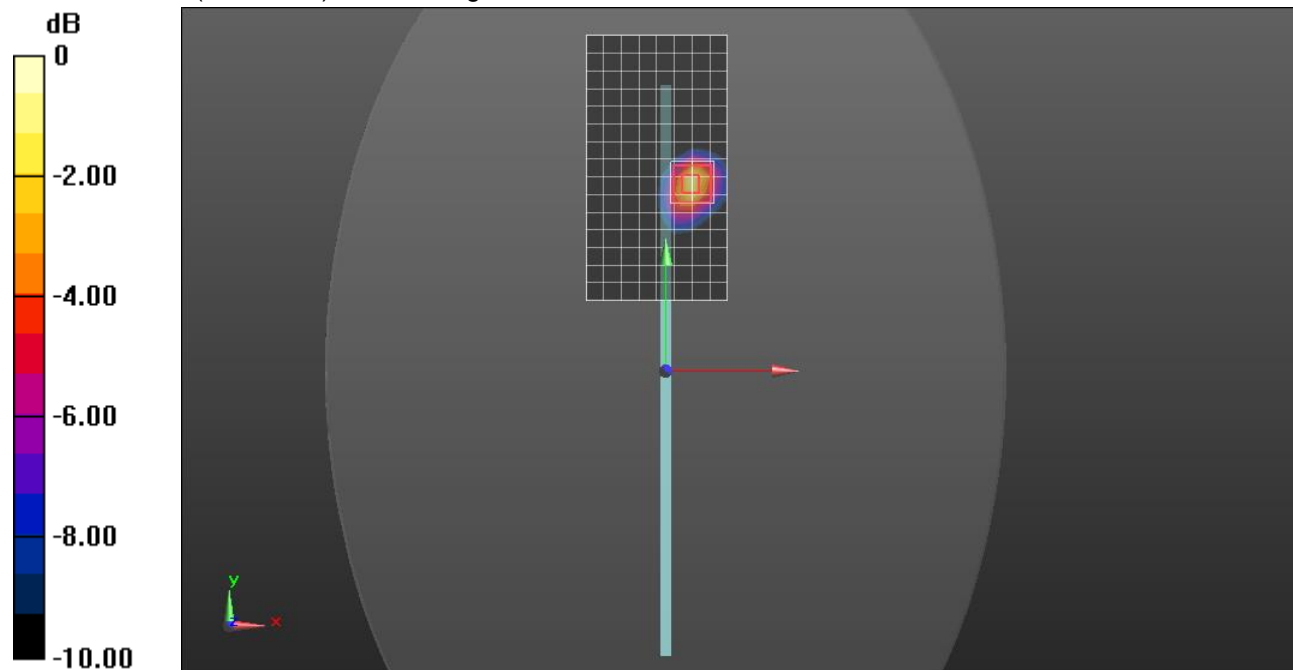
Peak SAR (extrapolated) = 3.28 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.274 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9 mm

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg

Wi-Fi 5.8GHz Reduced Power ANT A

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 4.99 \text{ S/m}$; $\epsilon_r = 35.201$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Probe: EX3DV4 - SN3772; ConvF(4.55, 4.55, 4.55) @ 5775 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI Front; Type: QDOVA002AA; Serial: TP:2085

Folded Edge 1/802.11ac VHT 80_Ch 155_0mm_/Area Scan (9x16x1): Measurement grid:

$dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.61 W/kg

Folded Edge 1/802.11ac VHT 80_Ch 155_0mm_/Zoom Scan (9x9x12)/Cube 0: Measurement

grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 14.51 V/m; Power Drift = 0.04 dB

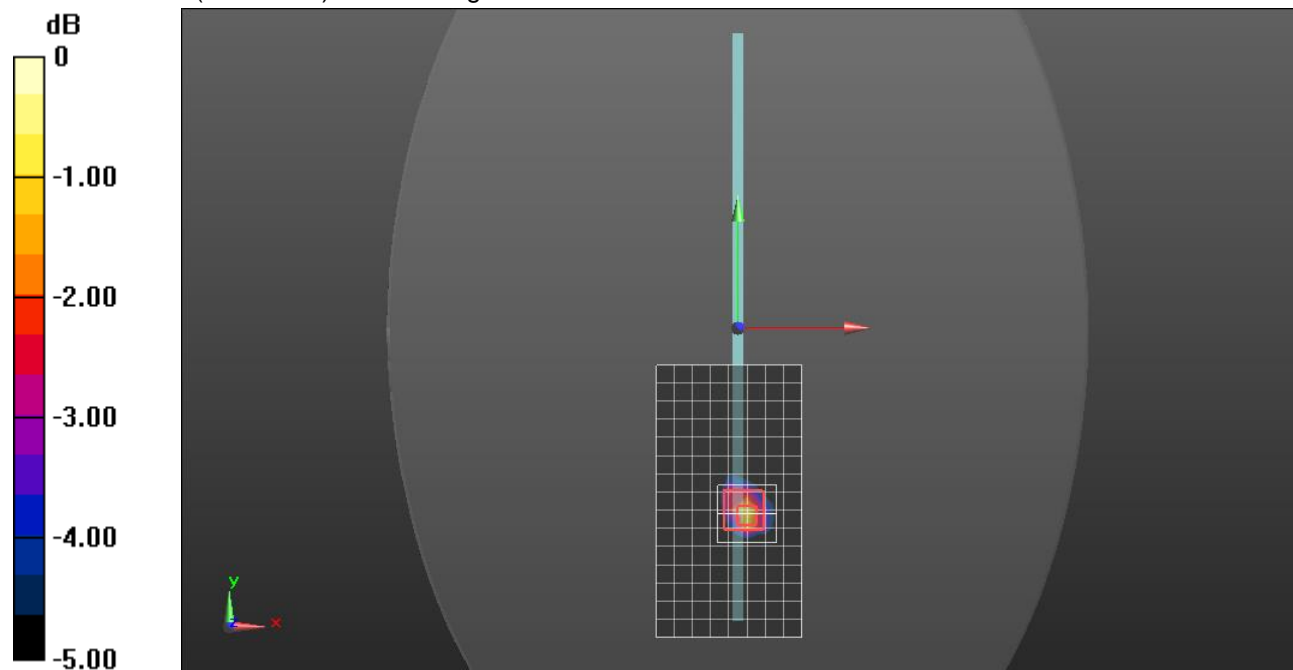
Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.269 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

Wi-Fi 5.8GHz Reduced Power ANT B

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 4.99 \text{ S/m}$; $\epsilon_r = 35.201$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Probe: EX3DV4 - SN3772; ConvF(4.55, 4.55, 4.55) @ 5775 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI Front; Type: QDOVA002AA; Serial: TP:2085

Folded Edge 1/802.11ac VHT 80_Ch 155_0mm_/Area Scan (9x16x1): Measurement grid:

$dx=10\text{mm}$, $dy=10\text{mm}$

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

Folded Edge 1/802.11ac VHT 80_Ch 155_0mm_/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 13.70 V/m; Power Drift = 0.18 dB

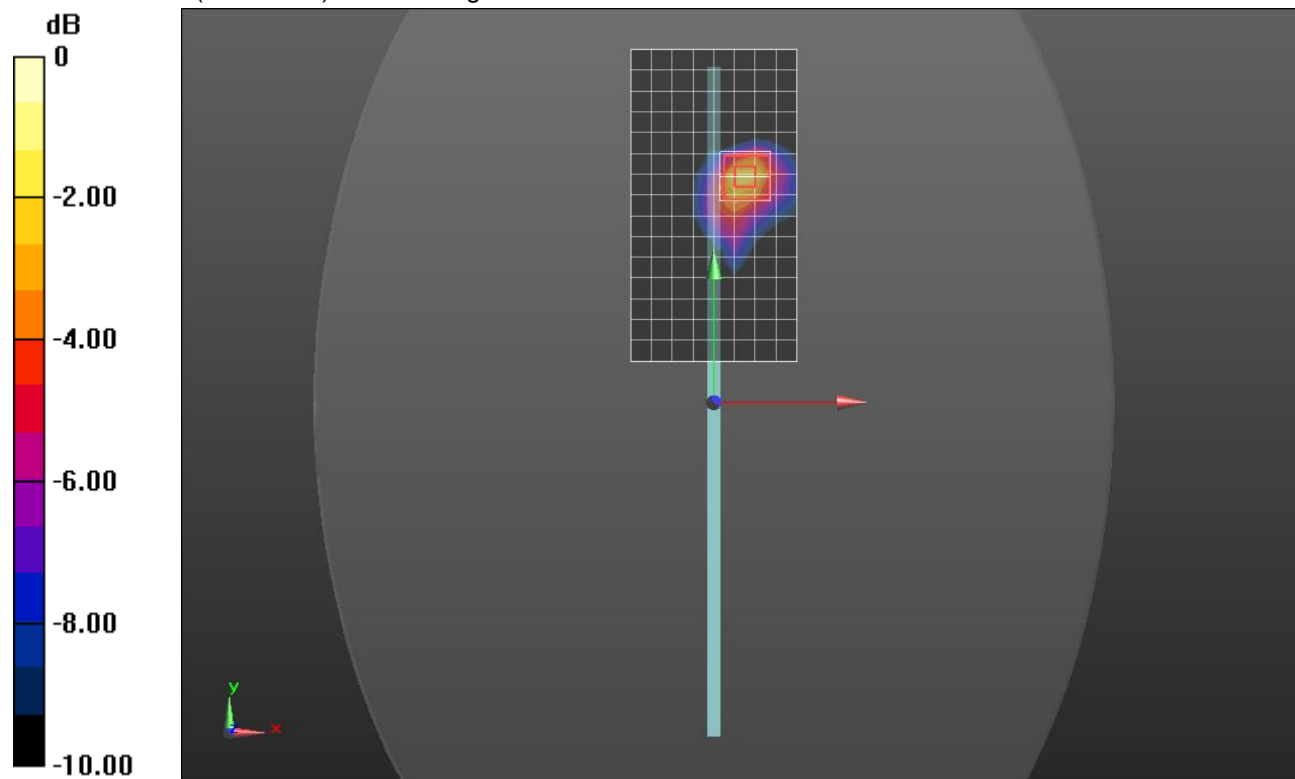
Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.210 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Bluetooth ANT A

Frequency: 2480 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 37.525$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Probe: EX3DV4 - SN7335; ConvF(7.92, 7.92, 7.92) @ 2480 MHz; Calibrated: 2/25/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V8.0 (20deg probe tilt) Back; Type: QD OVA 004 AA; Serial: 2082

Folded Edge 1/GFSK DH5_ch 78/Area Scan (7x13x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.0646 W/kg

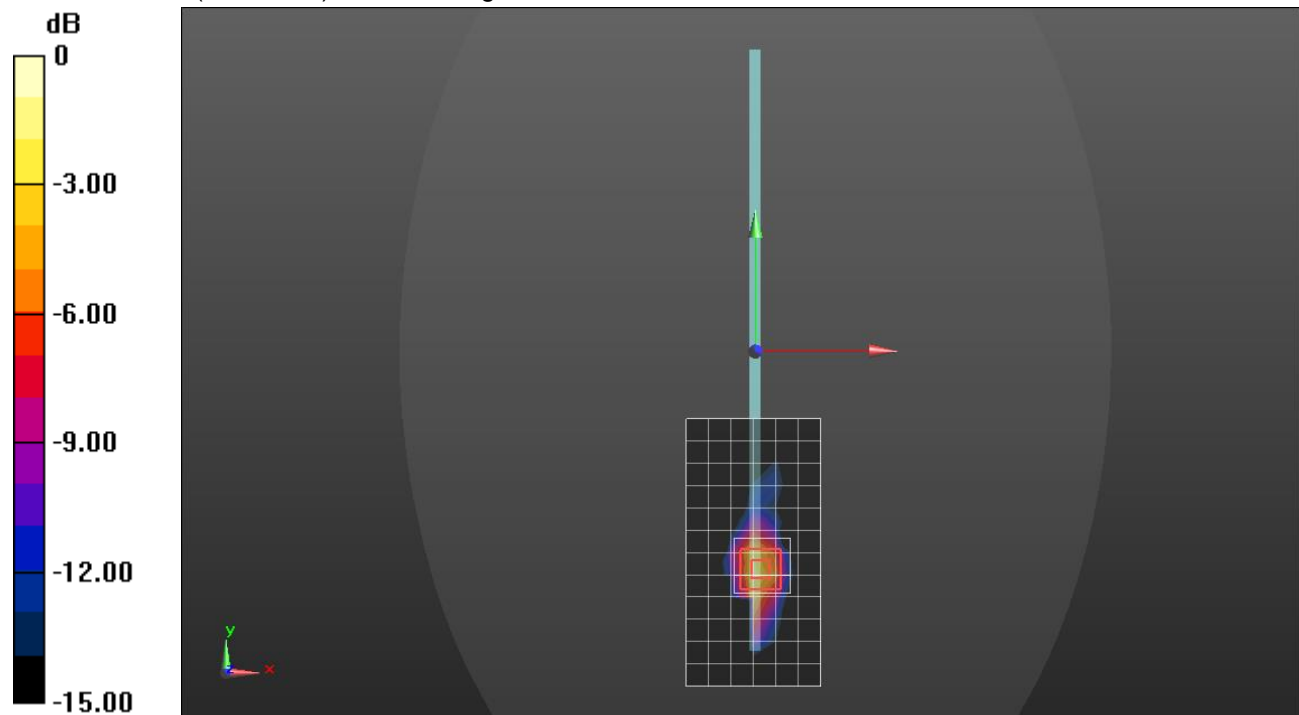
Folded Edge 1/GFSK DH5_ch 78/Zoom Scan ANT A (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.326 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg