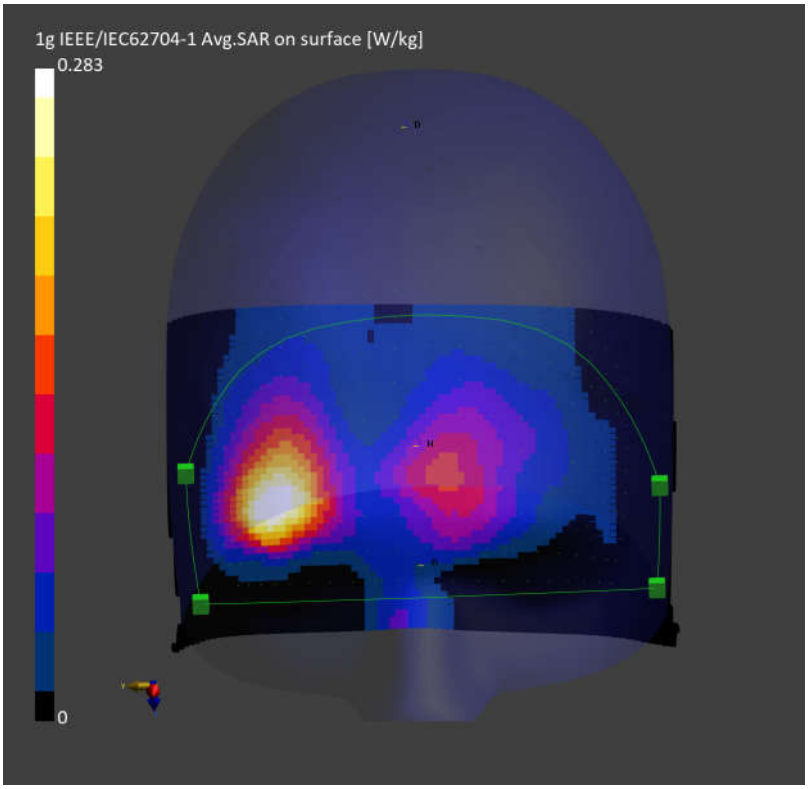
Date: 2024-06-12

01_WLAN2.4GHz_802.11b 1Mbps_Inner face_0mm_Ch1

Communication System: WLAN2.4GHz; Frequency: 2412.000; Duty Cycle: 1:1.018
Medium: HSL. Medium parameters used: f= 2412.000 MHz; σ= 1.79 S/m; ε_r = 38.7
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm; Graded Ratio:1.5
Power Drift = 0.06 dB
SAR (1g) = 0.283 W/kg; SAR (10g) = 0.145 W/kg;
Smallest distance from peaks to all points 3dB below is 10.9 mm
Ratio of SAR at M2 to SAR at M1 = 92.4 %



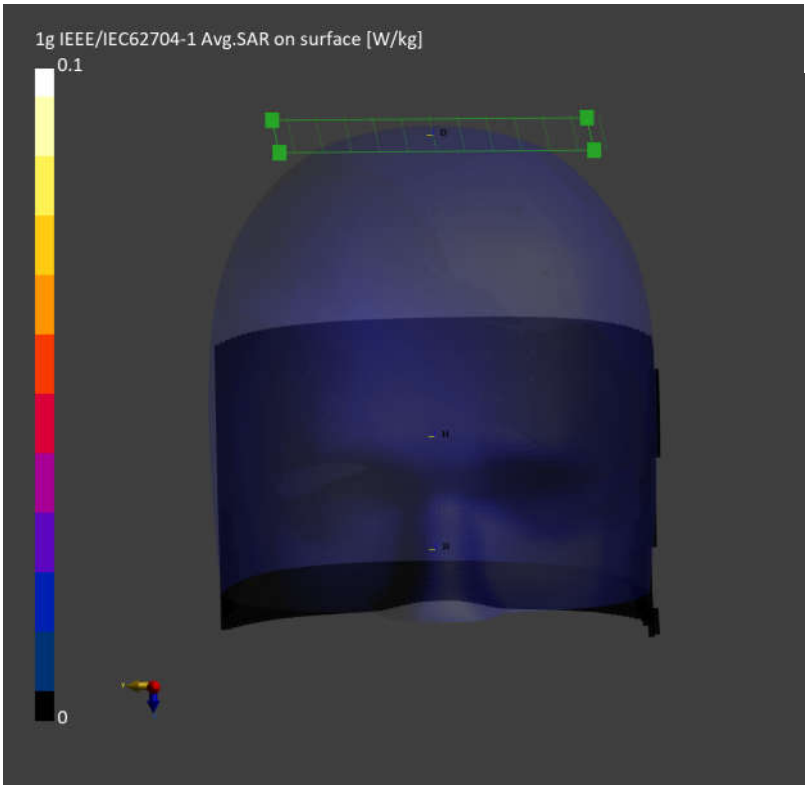
Date: 2024-06-12

02_Bluetooth_1Mbps_Inner face_0mm_Ch39

Communication System:ISM 2.4 GHz Band; Frequency: 2441.000; Duty Cycle: 1:1.3
Medium: HSL. Medium parameters used: f= 2441.000 MHz; σ= 1.80 S/m; ε_r = 38.7
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm; Graded Ratio:1.5
Power Drift = -0.03 dB
SAR (1g) = 0.009 W/kg; SAR (10g) = 0.002 W/kg;
Smallest distance from peaks to all points 3dB below is 1.1 mm
Ratio of SAR at M2 to SAR at M1 = 38.3 %



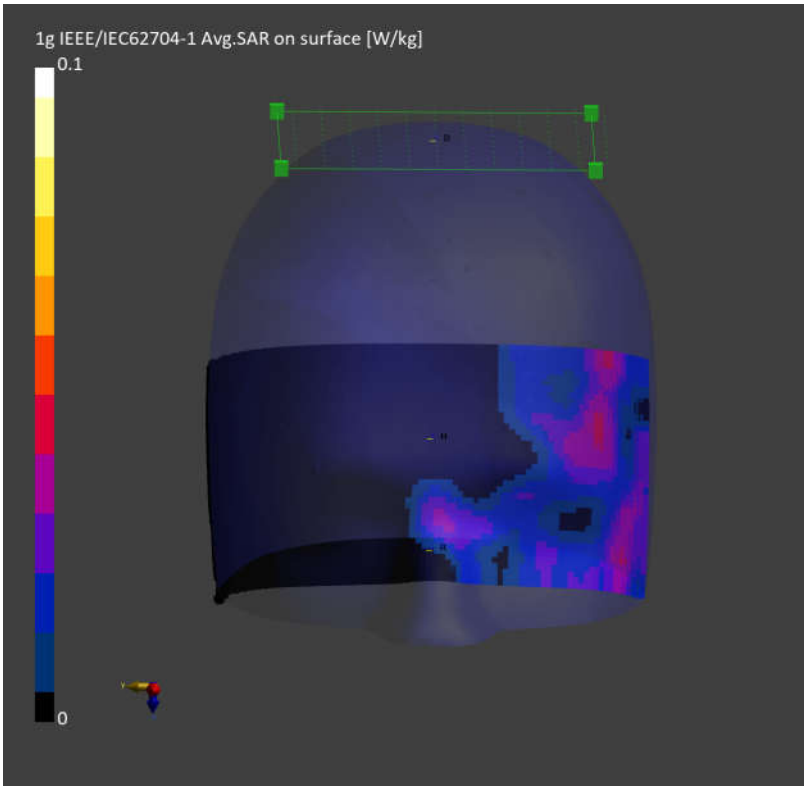
Date: 2024-06-12

03_NRF_Inner face_0mm_Ch0

Communication System:ISM 2.4 GHz Band; Frequency: 2402.000; Duty Cycle: 1:1.588
Medium: HSL. Medium parameters used: f= 2402.000 MHz; σ= 1.79 S/m; ε_r = 38.7
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm; Graded Ratio:1.5
Power Drift = 0.04 dB
SAR (1g) = 0.013 W/kg; SAR (10g) = 0.002 W/kg;
Smallest distance from peaks to all points 3dB below is 1.2 mm
Ratio of SAR at M2 to SAR at M1 = 91.8 %



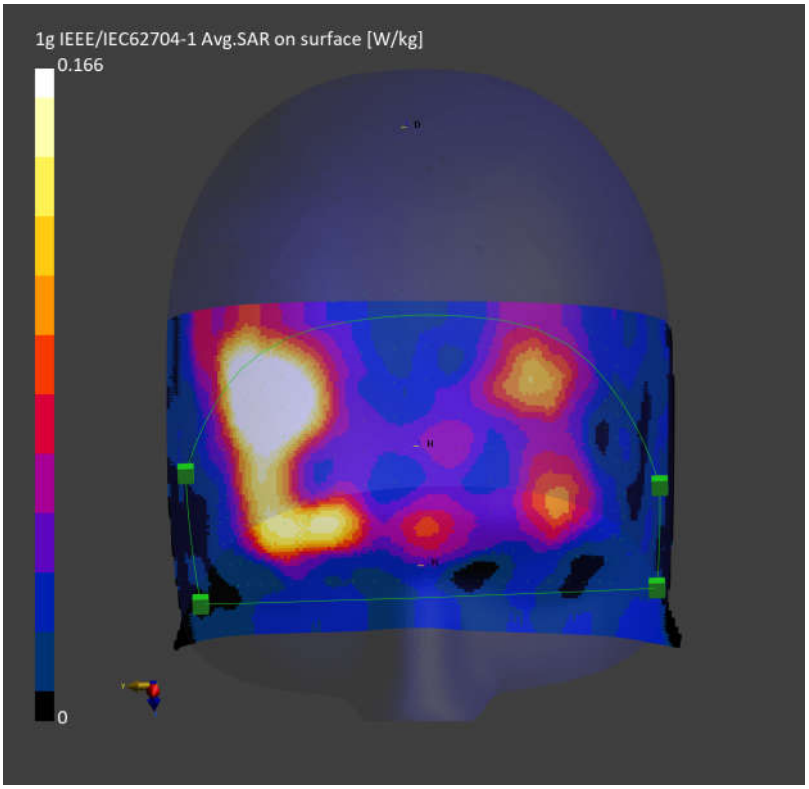
Date: 2024-06-10

04_WLAN5GHz_802.11a 6Mbps_Inner face_0mm_Ch56

Communication System: WLAN5GHz; Frequency: 5280.000; Duty Cycle: 1:1.007
Medium: HSL. Medium parameters used: f= 5280.000 MHz; σ= 4.59 S/m; ε_r = 36.1
Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm; Graded Ratio:1.4
Power Drift = -0.06 dB
SAR (1g) = 0.166 W/kg; SAR (10g) = 0.070 W/kg;
Smallest distance from peaks to all points 3dB below is 14.2 mm
Ratio of SAR at M2 to SAR at M1 = 72.5 %



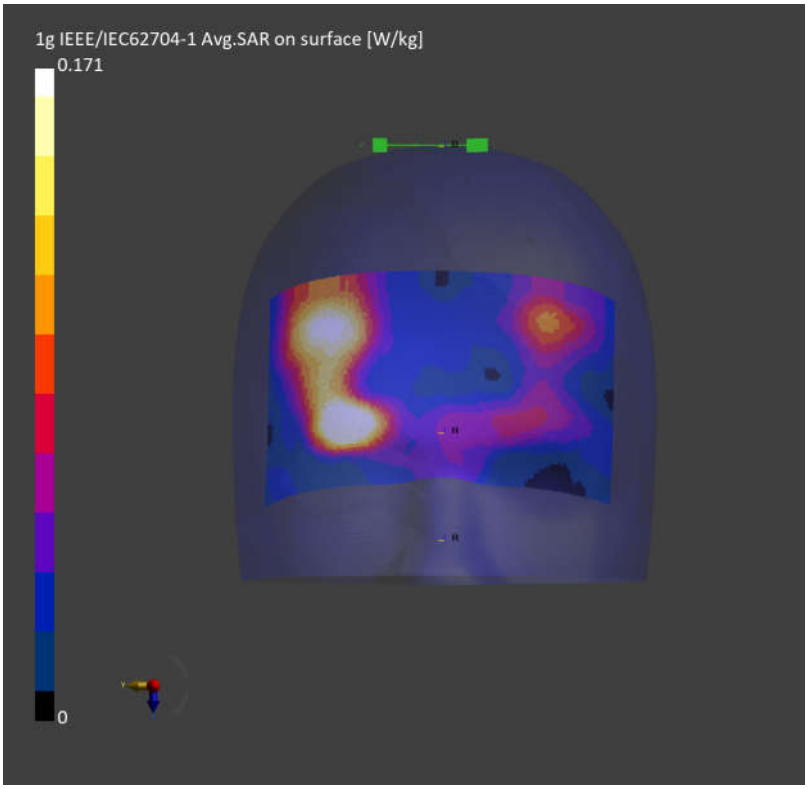
Date: 2024-06-10

05_WLAN5GHz_802.11a 6Mbps_Inner face_0mm_Ch132

Communication System: WLAN5GHz; Frequency: 5660.000; Duty Cycle: 1:1.007
Medium: HSL. Medium parameters used: f= 5660 MHz; σ= 5.01 S/m; ε_r = 35.5
Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm; Graded Ratio:1.4
Power Drift = -0.05 dB
SAR (1g) = 0.171 W/kg; SAR (10g) = 0.069 W/kg;
Smallest distance from peaks to all points 3dB below is 11.0 mm
Ratio of SAR at M2 to SAR at M1 = 68.7 %



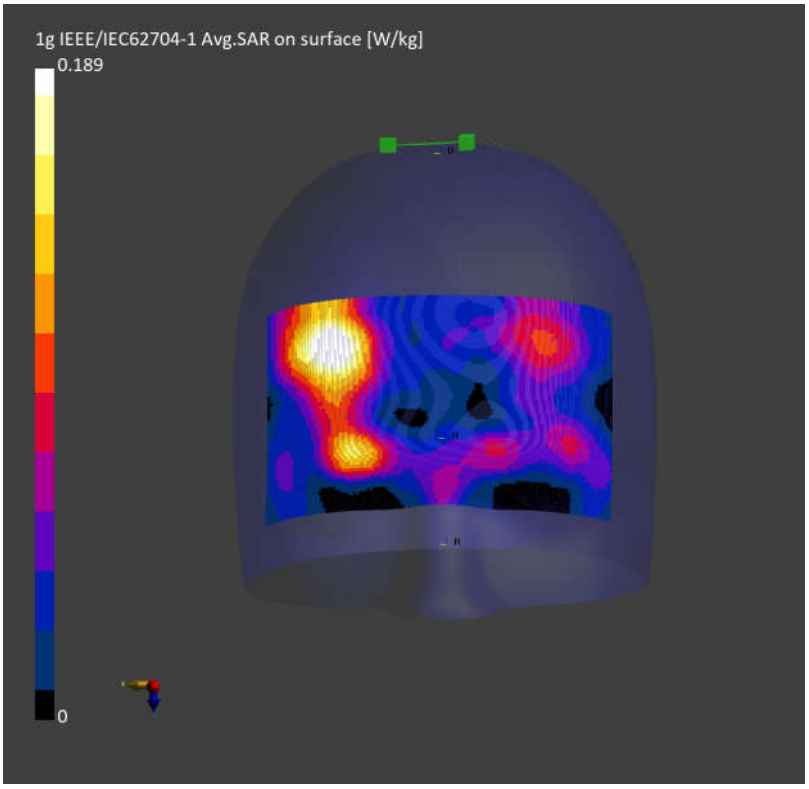
Date: 2024-06-10

06_WLAN5GHz_802.11a 6Mbps_Inner face_0mm_Ch165

Communication System: WLAN5GHz; Frequency: 5825.000; Duty Cycle: 1:1.007
Medium: HSL. Medium parameters used: f= 5825.000 MHz; σ= 5.21 S/m; ε_r = 35.3
Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32, 5.32); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm; Graded Ratio:1.4
Power Drift = -0.04 dB
SAR (1g) = 0.189 W/kg; SAR (10g) = 0.075 W/kg;
Smallest distance from peaks to all points 3dB below is 10.2 mm
Ratio of SAR at M2 to SAR at M1 = 68.2 %



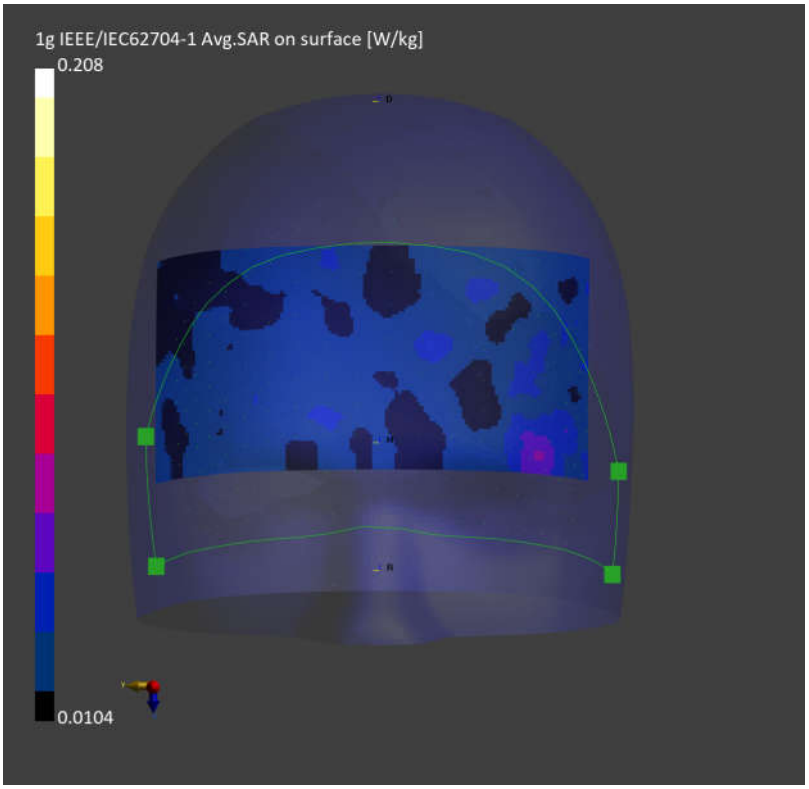
Date: 2024-06-10

07_WLAN6GHz_802.11ax HE160_Inner face_0mm_Ch111

Communication System:U-NII-6; Frequency: 6505.000; Duty Cycle: 1:1
Medium: HSL. Medium parameters used: f= 6505.000 MHz; σ= 6.16 S/m; ε_r = 34.5
Ambient Temperature: 23.1°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: SAM-HeadStand V10.0; Serial: 1103
- Measurement Software: cDASY6 V6.6.0.13926

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm; Graded Ratio:1.4
Power Drift = -0.03 dB
SAR (1g) = 0.208 W/kg; SAR (10g) = 0.035 W/kg;
Smallest distance from peaks to all points 3dB below is 1.4 mm
Ratio of SAR at M2 to SAR at M1 = 50.0 %
psAPD (4.0cm2, sq) = 0.852[W/m2]



Date: 2024-06-12

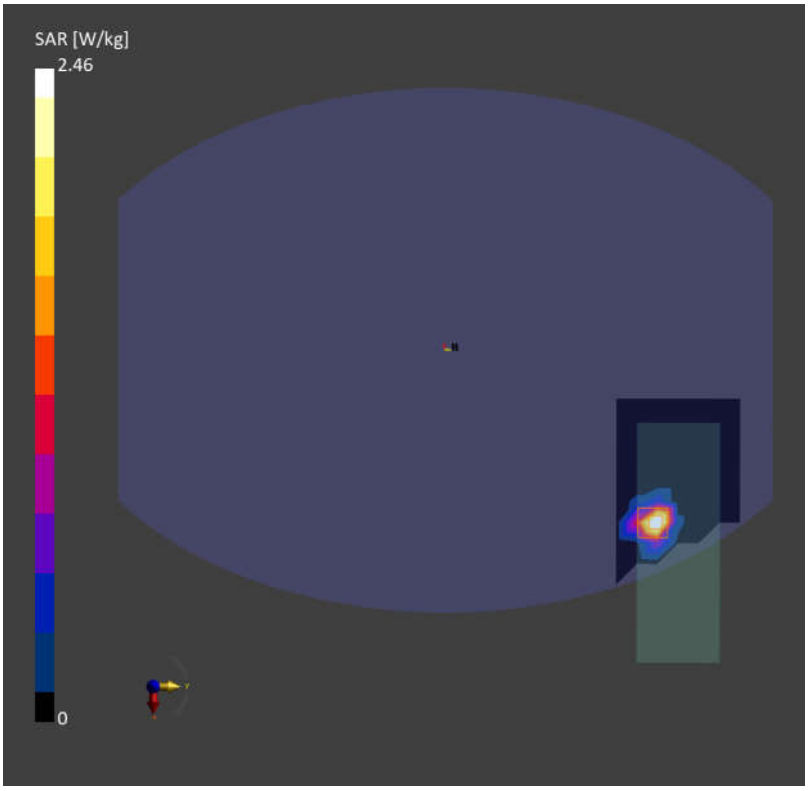
08_WLAN2.4GHz_802.11b 1Mbps_Top Side Position 2_0mm_Ch11

Communication System: WLAN 2.4GHz; Frequency: 2462.000; Duty Cycle: 1:1.018
Medium: Head. Medium parameters used: f= 2462.000 MHz; σ= 1.76 S/m; ε_r= 39.2
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (210.0 mm x 90.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 2.04 W/kg; SAR (10g) = 0.841 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5 mm;
Graded Ratio:1.5
Power Drift = 0.03 dB
SAR (1g) = 2.46 W/kg; SAR (10g) = 0.970 W/kg;
Smallest distance from peaks to all points 3dB below is 4.5 mm
Ratio of SAR at M2 to SAR atM1 = 51.5 %



Date: 2024-06-12

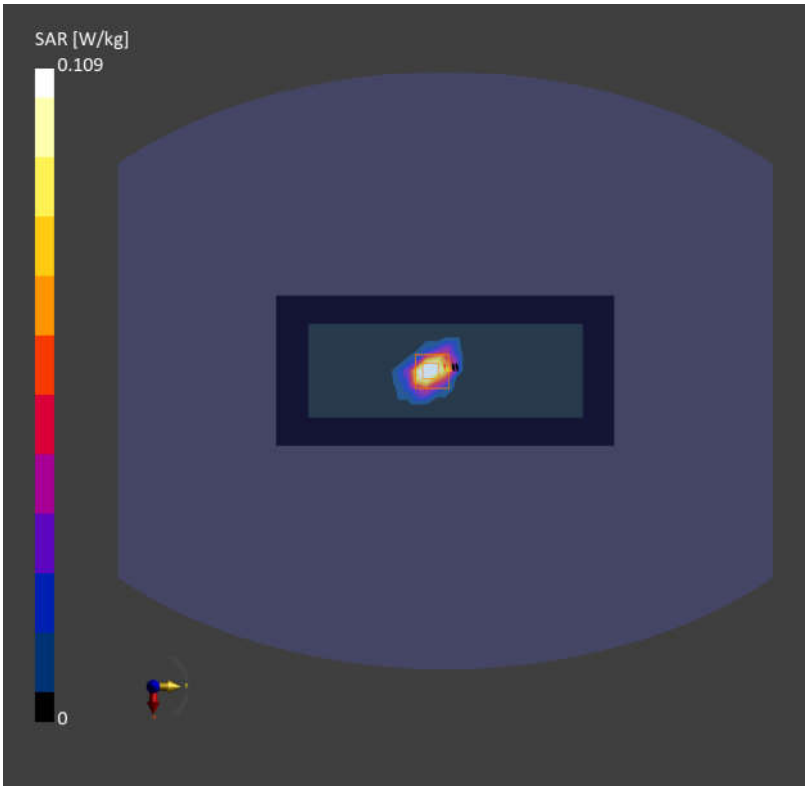
09_Buletooth_ 1Mbps_Right Side_0mm_Ch0

Communication System: ISM 2.4 GHz Band; Frequency: 2402.000; Duty Cycle: 1:1.292
Medium: Head. Medium parameters used: f= 2402.000 MHz; σ= 1.79 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (96.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.104 W/kg; SAR (10g) = 0.042 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm;
Graded Ratio:1.5
Power Drift = -0.05 dB
SAR (1g) = 0.109 W/kg; SAR (10g) = 0.041 W/kg;
Smallest distance from peaks to all points 3dB below is 5.7 mm
Ratio of SAR at M2 to SAR atM1 = 37.9 %



Date: 2024-06-12

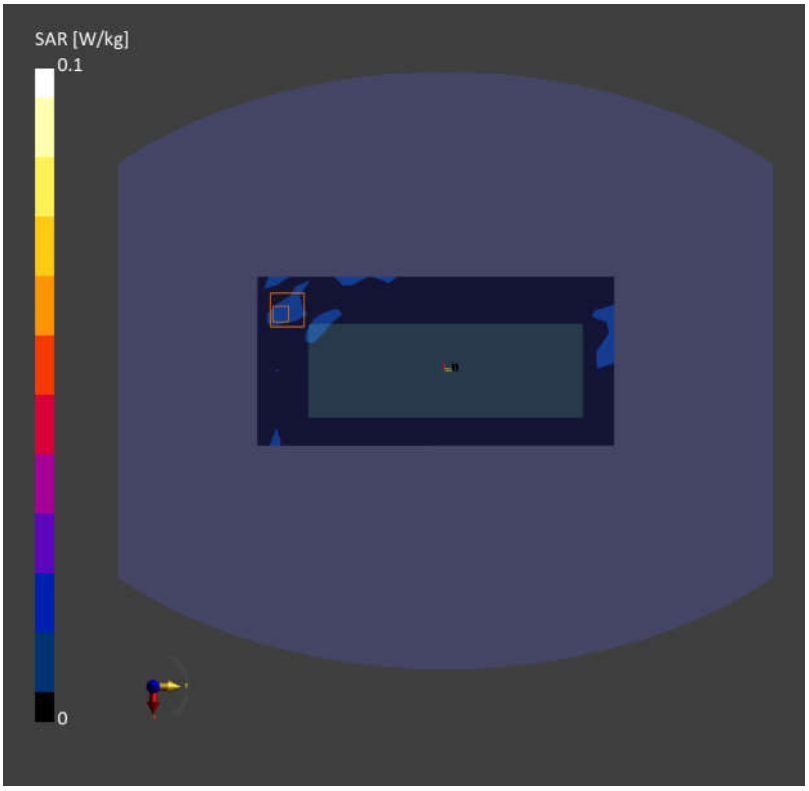
10_nRF_ 1Mbps_Bottom Side_0mm_Ch19

Communication System: ISM 2.4 GHz Band; Frequency: 2440.000; Duty Cycle: 1:1.588
Medium: Head. Medium parameters used: f= 2440.000 MHz; σ= 1.80 S/m; ε_r = 38.6
Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(8.03, 8.03, 8.03); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (96.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.009 W/kg; SAR (10g) = 0.005 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm;
Graded Ratio:1.5
Power Drift = 0.07 dB
SAR (1g) = 0.01 W/kg; SAR (10g) = 0.009 W/kg;
Smallest distance from peaks to all points 3dB below is 3.2 mm
Ratio of SAR at M2 to SAR atM1 = 89.0 %



Date: 2024-06-13

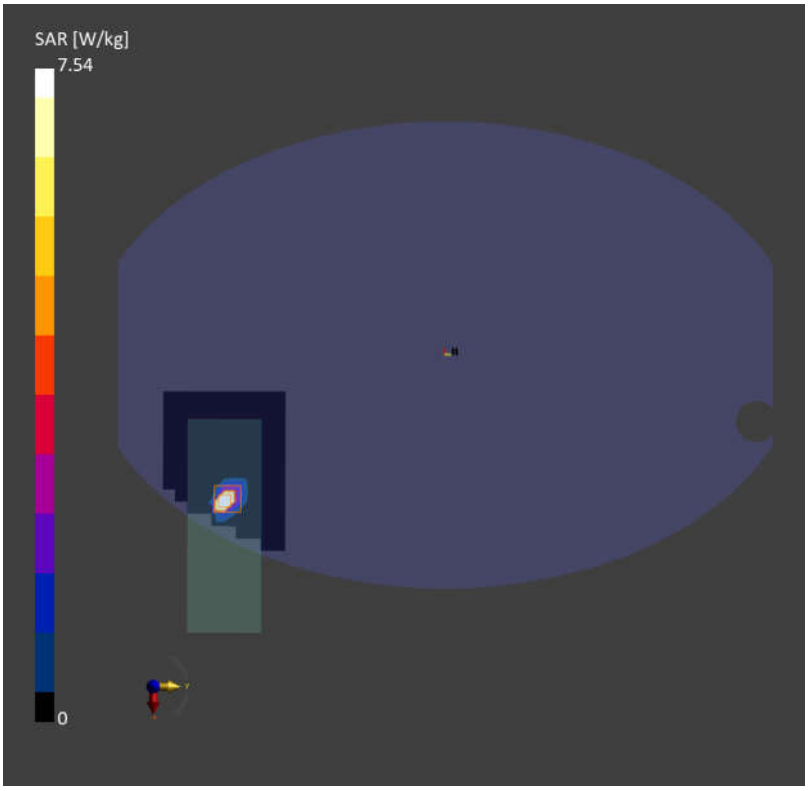
11_WLAN5GHz_802.11a 6Mbps_Top Side Position 1_0mm_Ch52

Communication System: WLAN 5GHz; Frequency: 5260.000; Duty Cycle: 1:1.007
Medium: Head. Medium parameters used: f= 5260.000 MHz; σ= 4.57 S/m; ε_r = 35.0
Ambient Temperature: 23.4°C; Liquid Temperature: 22.7°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.73, 5.73, 5.73); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (220.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.89 W/kg; SAR (10g) = 1.74 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 3.9 mm x 3.9 mm x 1.4 mm;
Graded Ratio:1.4
Power Drift = -0.16 dB
SAR (1g) = 7.54 W/kg; SAR (10g) = 1.66 W/kg;
Smallest distance from peaks to all points 3dB below is 4.6 mm
Ratio of SAR at M2 to SAR atM1 = 67.0 %



Date: 2024-06-14

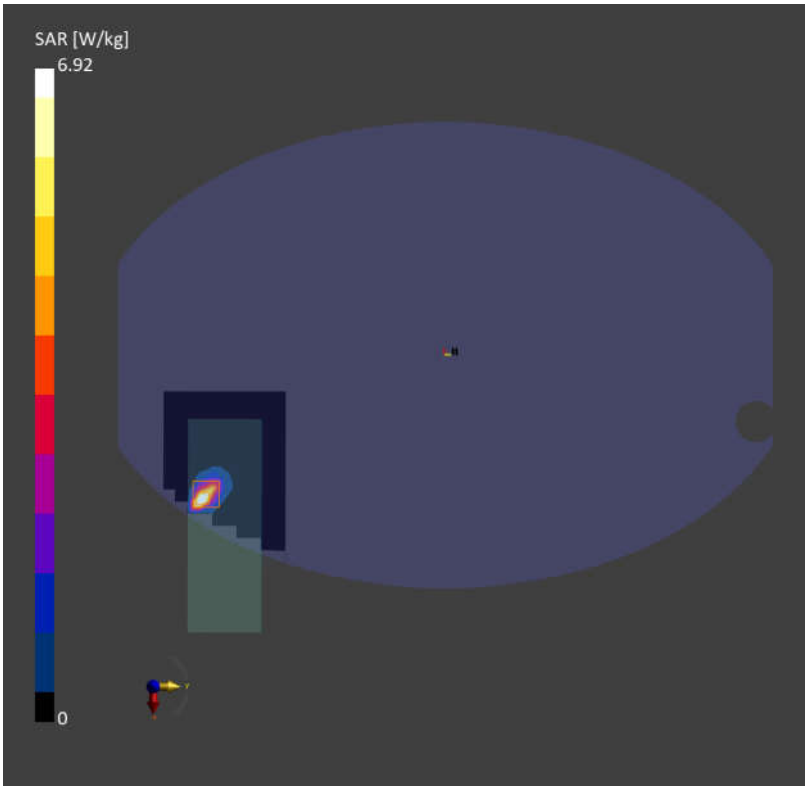
12_WLAN5GHz_802.11a 6Mbps_Top Side Position 1_0mm_Ch124

Communication System: WLAN 5GHz; Frequency: 5620.000; Duty Cycle: 1:1.007
Medium: Head. Medium parameters used: f= 5620.000 MHz; σ= 4.97 S/m; ε_r = 34.4
Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.1, 5.1, 5.1); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (220.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 4.80 W/kg; SAR (10g) = 1.41 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;
Graded Ratio:1.4
Power Drift = 0.02 dB
SAR (1g) = 6.92 W/kg; SAR (10g) = 1.65 W/kg;
Smallest distance from peaks to all points 3dB below is 4.6 mm
Ratio of SAR at M2 to SAR atM1 = 63.7 %



Date: 2024-06-15

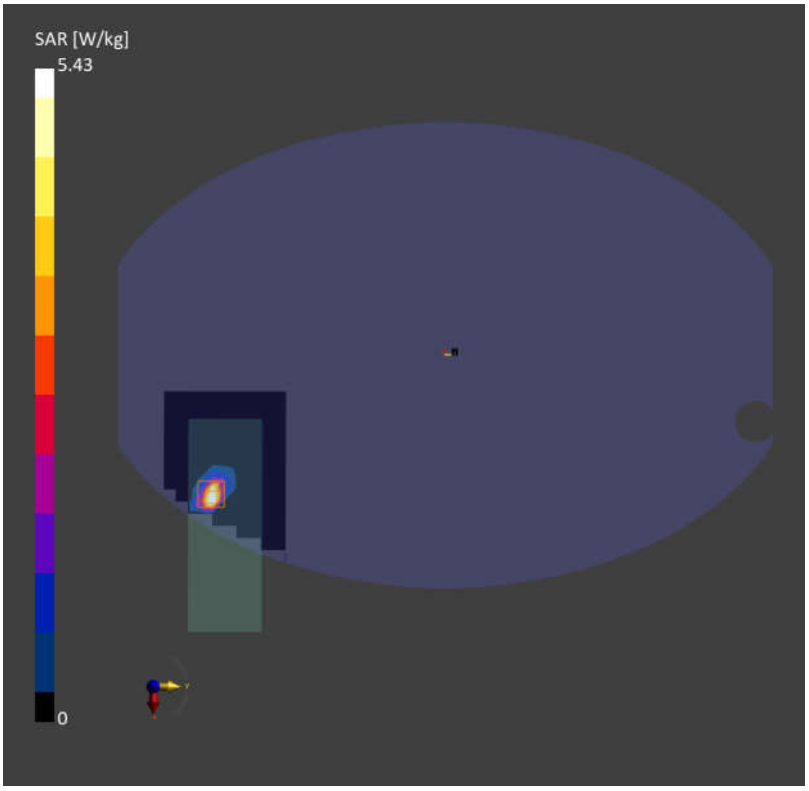
13_WLAN5GHz_802.11a 6Mbps_Top Side Position 1_0mm_Ch149

Communication System: WLAN 5GHz; Frequency: 5745.000; Duty Cycle: 1:1.007
Medium: Head. Medium parameters used: f= 5745.000 MHz; σ= 5.11 S/m; ε_r = 34.1
Ambient Temperature: 23.4°C; Liquid Temperature: 22.9°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.32, 5.32, 5.32); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (220.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 4.02 W/kg; SAR (10g) = 1.14 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 3.9 mm x 3.9 mm x 1.4 mm;
Graded Ratio:1.4
Power Drift = 0.11 dB
SAR (1g) = 5.43 W/kg; SAR (10g) = 1.28 W/kg;
Smallest distance from peaks to all points 3dB below is 4.6 mm
Ratio of SAR at M2 to SAR atM1 = 63.0 %



Date: 2024-06-16

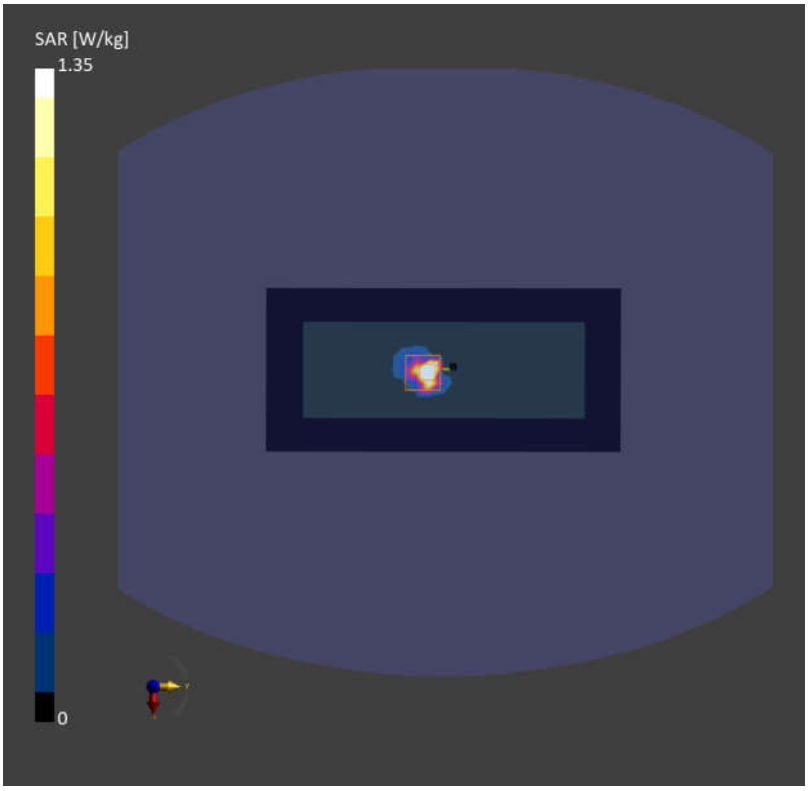
14_WLAN6GHz_802.11ax HE160_Left Side_0mm_Ch143

Communication System: U-NII-7; Frequency: 6665.000; Duty Cycle: 1:1
Medium: Head. Medium parameters used: f= 6665.000 MHz; σ= 6.37 S/m; ε_r = 34.3
Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:
- Probe: EX3DV4 - SN7764; ConvF(5.5, 5.5, 5.5); Calibrated: 2023-10-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2151
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (102.0 mm x 221.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 1.41 W/kg; SAR (10g) = 0.312 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm;
Graded Ratio:1.4
Power Drift = 0.08 dB
SAR (1g) = 1.35 W/kg; SAR (10g) = 0.301 W/kg;
Smallest distance from peaks to all points 3dB below is 4.6 mm
Ratio of SAR at M2 to SAR atM1 = 52.6 %
psAPD (4.0cm2, sq) = 6.61[W/m2]



WLAN6GHz_802.11ax-HE160 MCS0_Left Side_2mm_Ch207

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]
Device,	78.0 x 162.0 x 65.0

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE LEFT, 2.00	U-NII-8	WLAN, 10743-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2023-10-18	DAE4 Sn690, 2023-06-20

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-06-18
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	3.08
psPDtot+ [W/m^2]	3.37
psPDmod+ [W/m^2]	5.41
E_{max} [V/m]	69.9
Power Drift [dB]	-0.01