

Appendix C - Highest Measurement Plots

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/19

01_WLAN 2.4 GHz_802.11b_Ch12_Bottom Face_0mm_ANT 1

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2467 MHz; Duty Cycle: 1:1.006
Medium parameters used (interpolated): $f = 2467$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 39.375$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.28, 7.28, 7.28) @ 2467 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 2.34 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 39.24 V/m; Power Drift = -0.04 dB

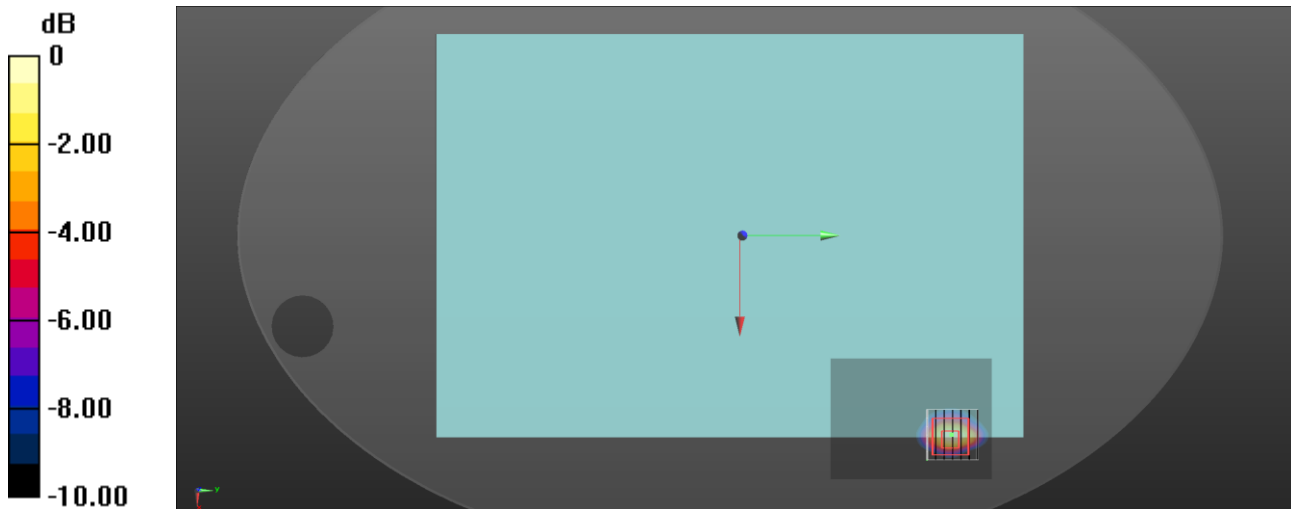
Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.436 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 37.1%

Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 2.29 W/kg = 3.60 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/19

02_WLAN 2.4 GHz_802.11b_Ch11_Bottom Face_0mm_ANT 2

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.006
Medium parameters used: $f = 2462$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 39.394$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.28, 7.28, 7.28) @ 2462 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 2.09 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 34.55 V/m; Power Drift = 0.09 dB

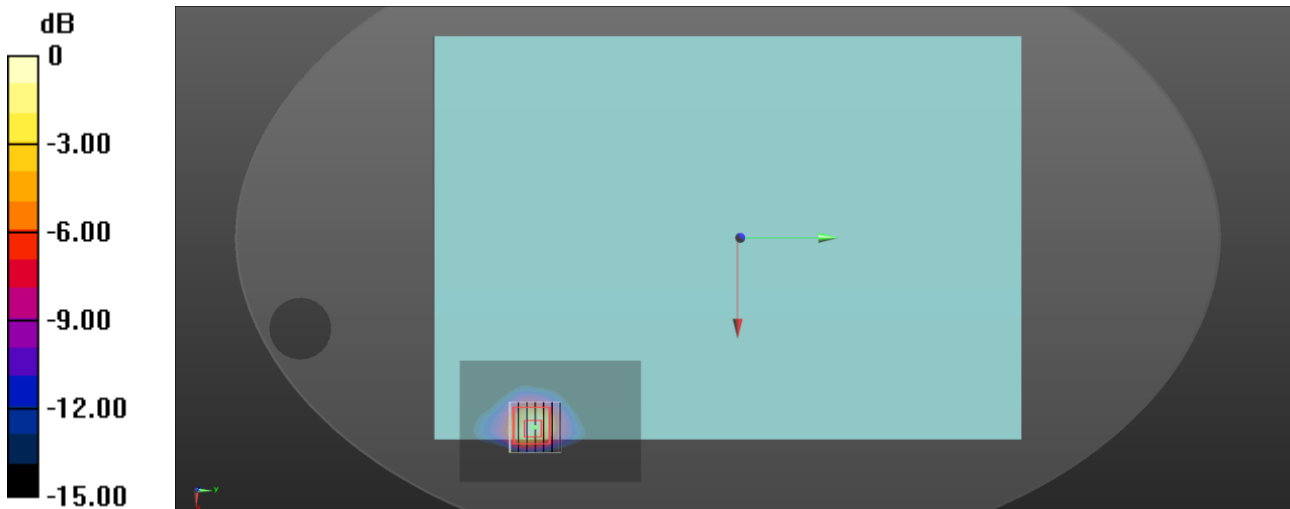
Peak SAR (extrapolated) = 3.54 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.435 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 31.8%

Maximum value of SAR (measured) = 2.20 W/kg



0 dB = 2.20 W/kg = 3.42 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/19

03_Bluetooth_GFSK_Ch78_Bottom Face_0mm_ANT 2

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2480 MHz; Duty Cycle: 1:1.276
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.843$ S/m; $\epsilon_r = 39.325$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.28, 7.28, 7.28) @ 2480 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- Phantom: ELI V4.0; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.450 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.38 V/m; Power Drift = 0.15 dB

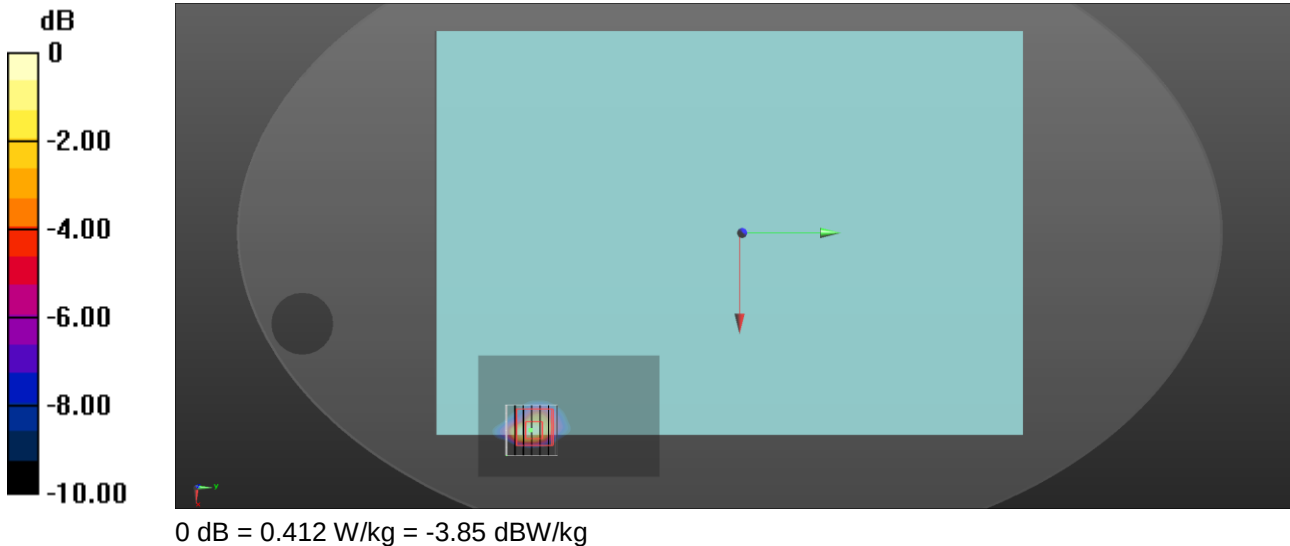
Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.077 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 37%

Maximum value of SAR (measured) = 0.412 W/kg



Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/23

04_WLAN 5 GHz_802.11ac VHT160_Ch50_Bottom Face_0mm_ANT 1

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz; Duty Cycle: 1:1.048
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.722$ S/m; $\epsilon_r = 36.466$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5.34, 5.34, 5.34) @ 5250 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.01 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 16.59 V/m; Power Drift = -0.15 dB

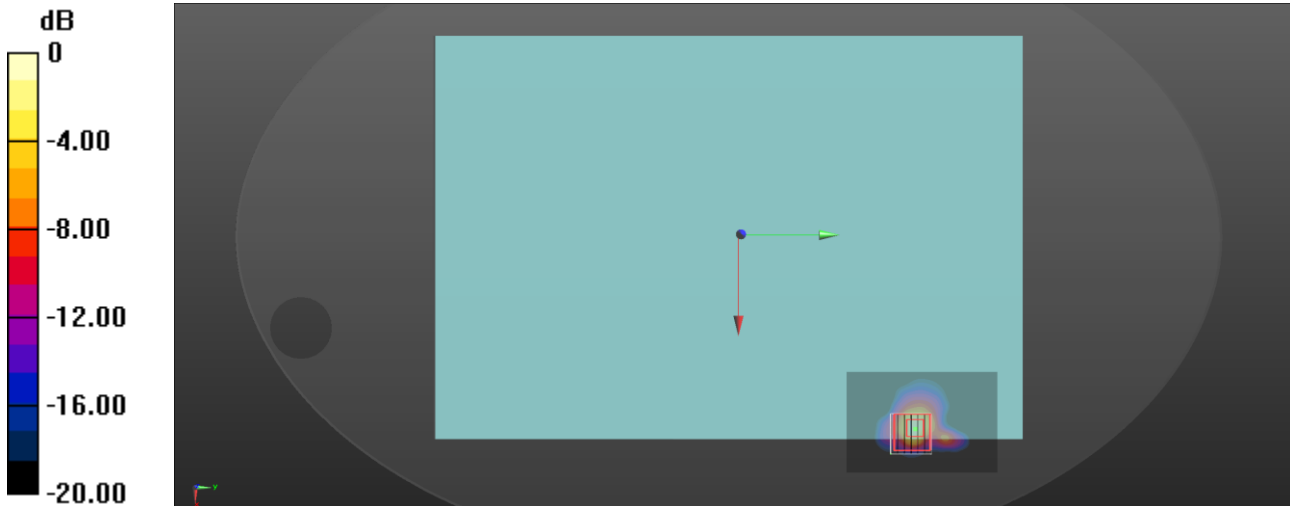
Peak SAR (extrapolated) = 4.93 W/kg

SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.170 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg = 3.36 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/23

05_WLAN 5 GHz_802.11ac VHT160_Ch50_Bottom Face_0mm_ANT 2

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz; Duty Cycle: 1:1.048
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.722$ S/m; $\epsilon_r = 36.466$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5.34, 5.34, 5.34) @ 5250 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 16.16 V/m; Power Drift = 0.17 dB

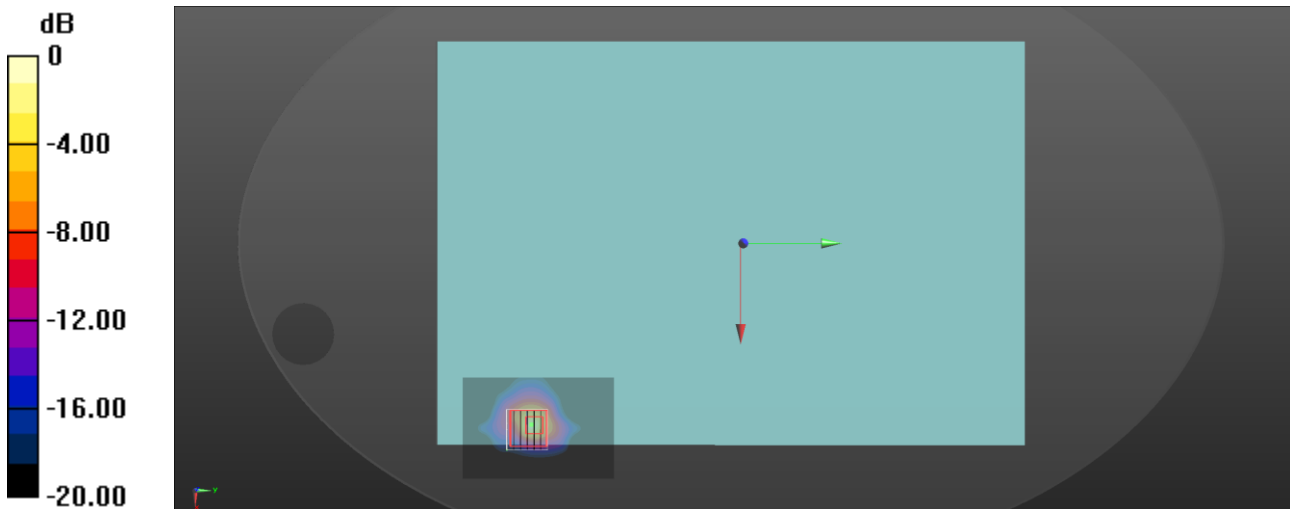
Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.129 W/kg

Smallest distance from peaks to all points 3 dB below = 4.3 mm

Ratio of SAR at M2 to SAR at M1 = 59.8%

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/24

06_WLAN 5 GHz_802.11ac VHT160_Ch114_Bottom Face_0mm_ANT 1

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

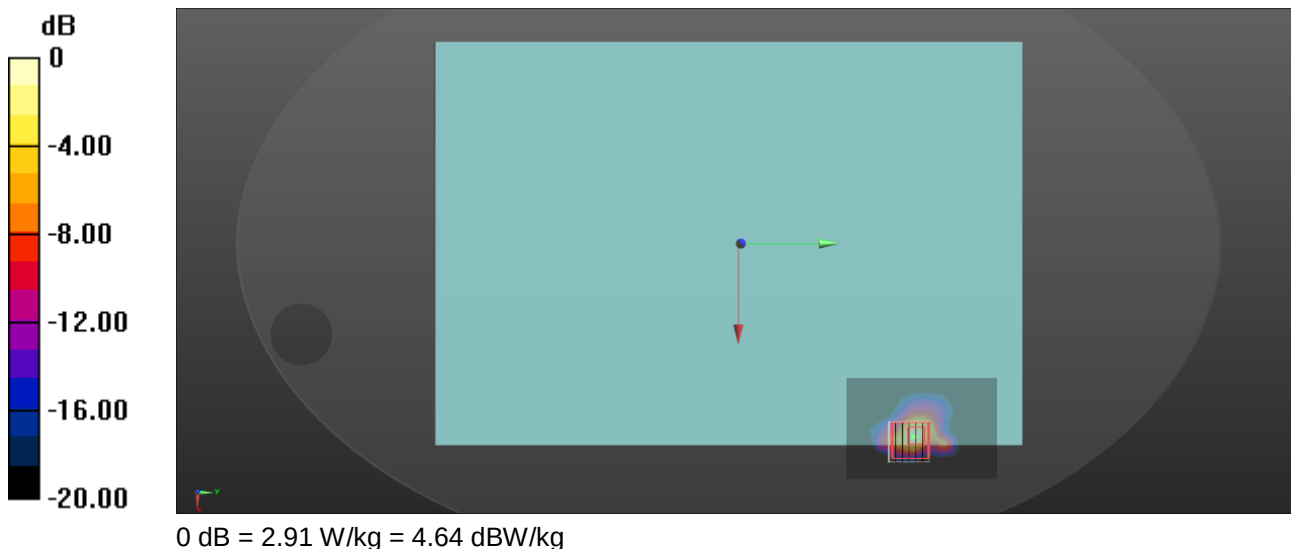
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5570 MHz; Duty Cycle: 1:1.048
Medium parameters used: $f = 5570$ MHz; $\sigma = 5.003$ S/m; $\epsilon_r = 35.938$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.75, 4.75, 4.75) @ 5570 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.48 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 18.68 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 5.76 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.187 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 56.6%
Maximum value of SAR (measured) = 2.91 W/kg



Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/24

07_WLAN 5 GHz_802.11ac VHT160_Ch114_Bottom Face_0mm_ANT 2

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5570 MHz; Duty Cycle: 1:1.048
Medium parameters used: $f = 5570$ MHz; $\sigma = 5.003$ S/m; $\epsilon_r = 35.938$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.75, 4.75, 4.75) @ 5570 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.61 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 19.35 V/m; Power Drift = -0.12 dB

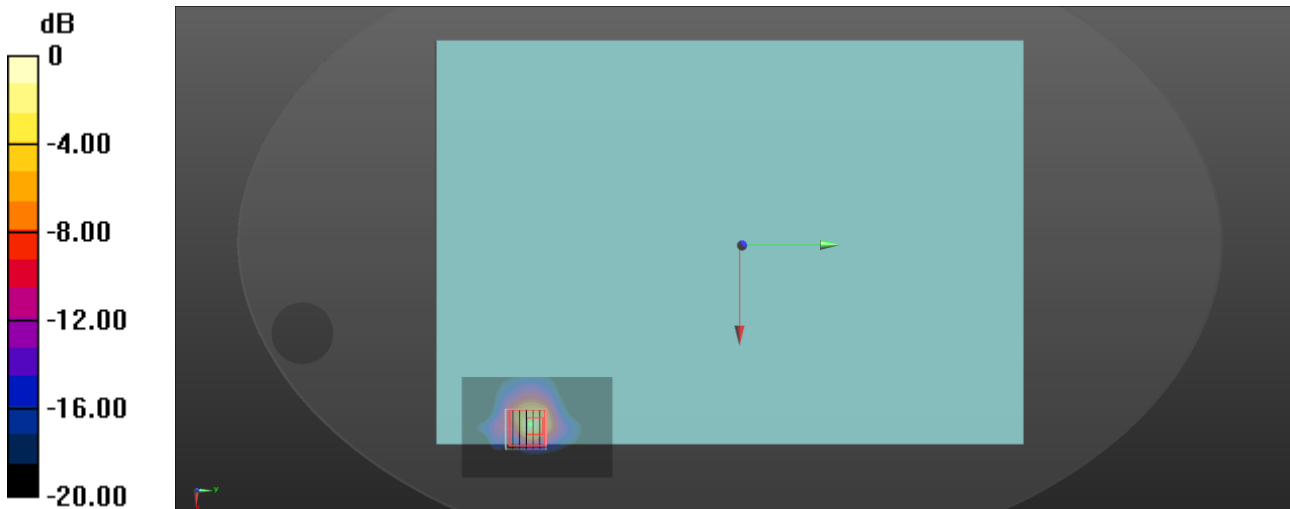
Peak SAR (extrapolated) = 7.61 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = 4.6 mm

Ratio of SAR at M2 to SAR at M1 = 58%

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



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

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/2/8

10_WLAN 5 GHz_802.11ac VHT80_Ch155_Bottom Face_0mm_ANT 1

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

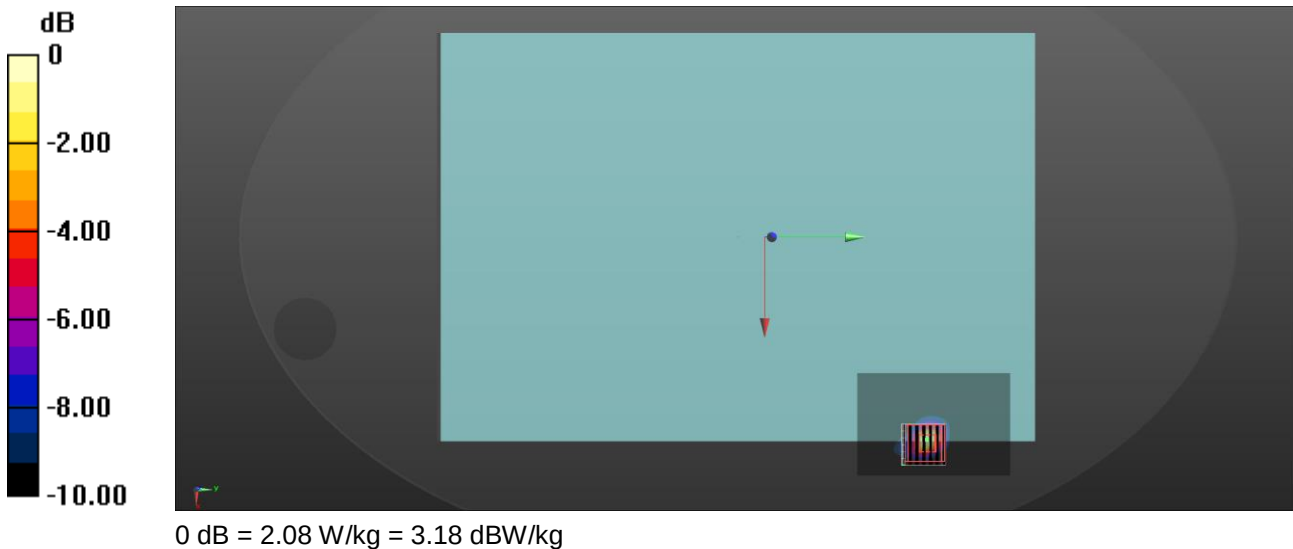
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz; Duty Cycle: 1:1.032
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.265$ S/m; $\epsilon_r = 35.589$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.19 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 23.09 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 4.65 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.160 W/kg
Smallest distance from peaks to all points 3 dB below = 4 mm
Ratio of SAR at M2 to SAR at M1 = 54.6%
Maximum value of SAR (measured) = 2.08 W/kg



Test Laboratory: A Test Lab Techno Corp.
Date: 2022/2/8

11_WLAN 5 GHz_802.11ac VHT80_Ch155_Bottom Face_0mm_ANT 2

DUT: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

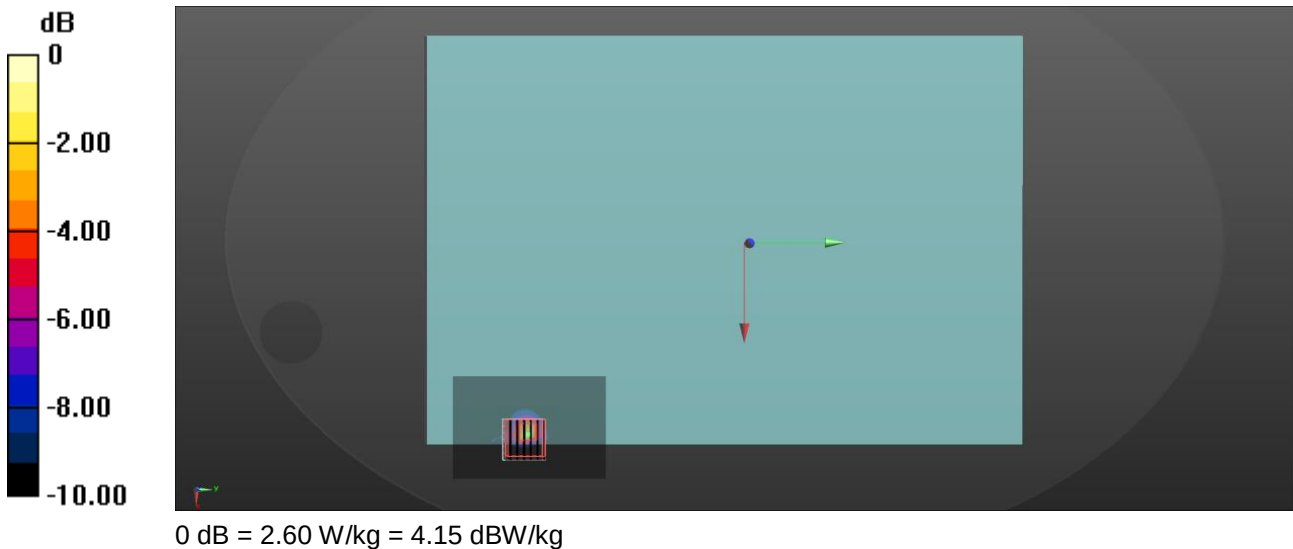
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz; Duty Cycle: 1:1.032
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.265$ S/m; $\epsilon_r = 35.589$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.62 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 12.05 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.25 W/kg
SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.157 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 55.6%
Maximum value of SAR (measured) = 2.60 W/kg



Test Laboratory: A Test Lab Techno Corp.

12_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_0mm_ANT 1

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.6	5.96	35.1

Hardware Setup

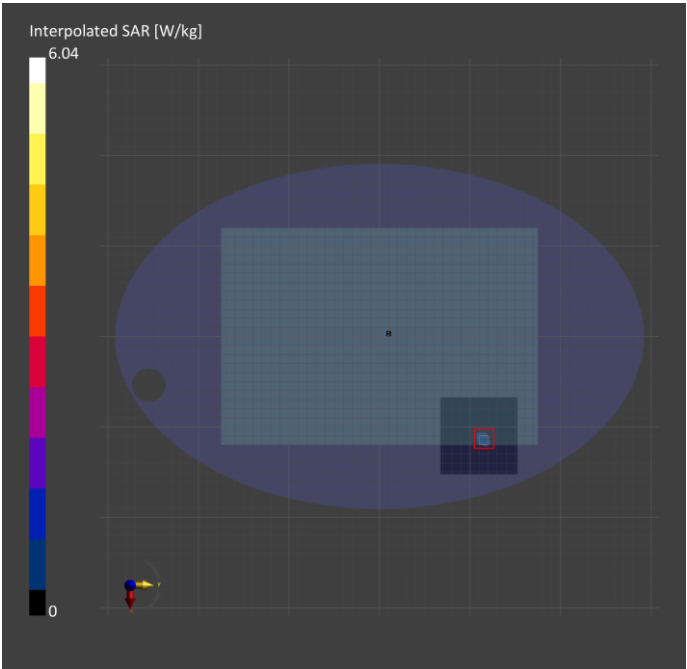
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.621	1.07
psSAR10g [W/Kg]	0.181	0.267
psPDab (1.0cm2, sq) [W/m2]		10.6
psPDab (4.0cm2, sq) [W/m2]		6.34
Power Drift [dB]	0.09	0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.5
Dist 3dB Peak [mm]		4.4



Test Laboratory: A Test Lab Techno Corp.

13_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0mm_ANT 1

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.6	6.09	34.9

Hardware Setup

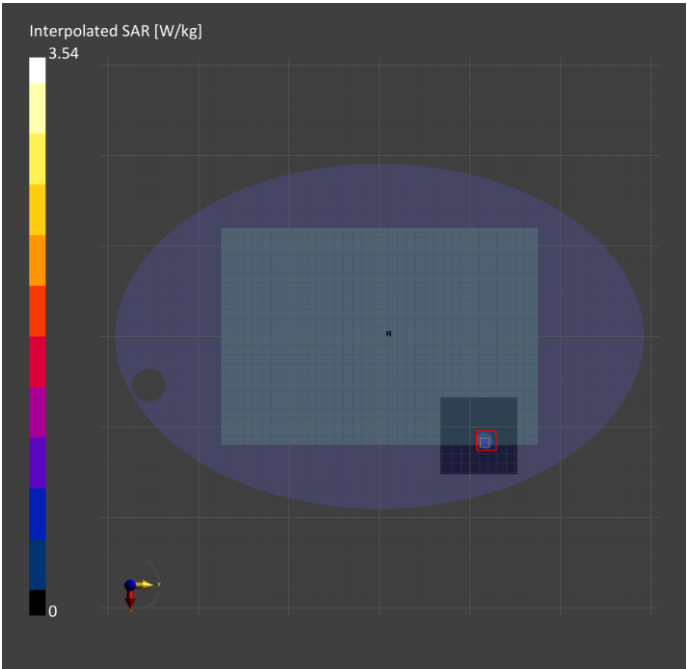
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.571	0.630
psSAR10g [W/Kg]	0.152	0.160
psPDab (1.0cm2, sq) [W/m2]		6.28
psPDab (4.0cm2, sq) [W/m2]		3.76
Power Drift [dB]	0.17	0.10
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.8
Dist 3dB Peak [mm]		5.2



Test Laboratory: A Test Lab Techno Corp.

14_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_0mm_ANT 1

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	5.6	6.51	34.3

Hardware Setup

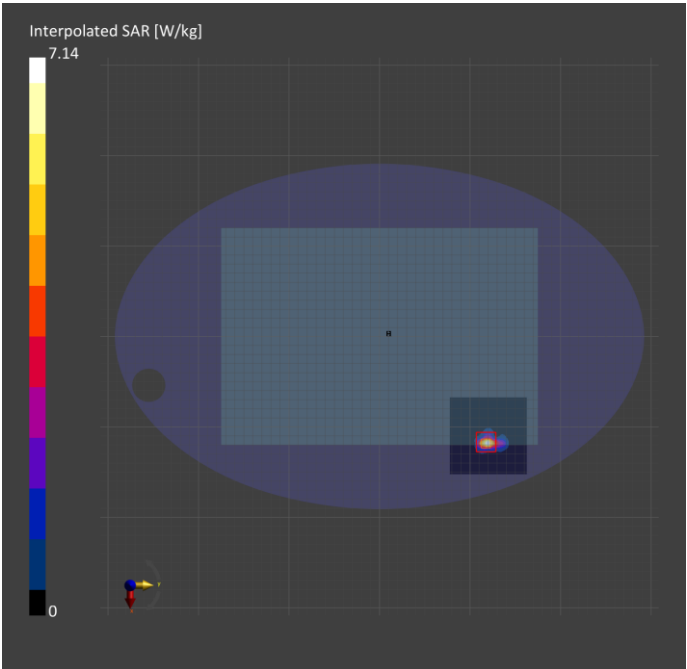
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.577	0.981
psSAR10g [W/Kg]	0.142	0.192
psPDab (1.0cm2, sq) [W/m2]		9.79
psPDab (4.0cm2, sq) [W/m2]		4.59
Power Drift [dB]	0.14	-0.09
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.2
Dist 3dB Peak [mm]		4.1



Test Laboratory: A Test Lab Techno Corp.

15_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0mm_ANT 1

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.6	6.64	33.9

Hardware Setup

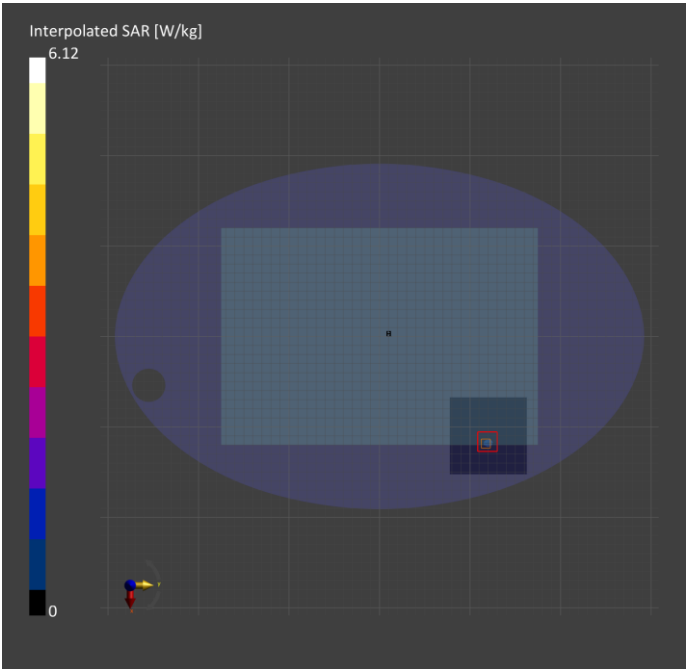
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.2 x 3.2 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.503	0.808
psSAR10g [W/Kg]	0.120	0.157
psPDab (1.0cm2, sq) [W/m2]		8.08
psPDab (4.0cm2, sq) [W/m2]		3.79
Power Drift [dB]	-0.14	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.9
Dist 3dB Peak [mm]		4.0



Test Laboratory: A Test Lab Techno Corp.

16_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_0mm_ANT 2

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.6	5.96	35.1

Hardware Setup

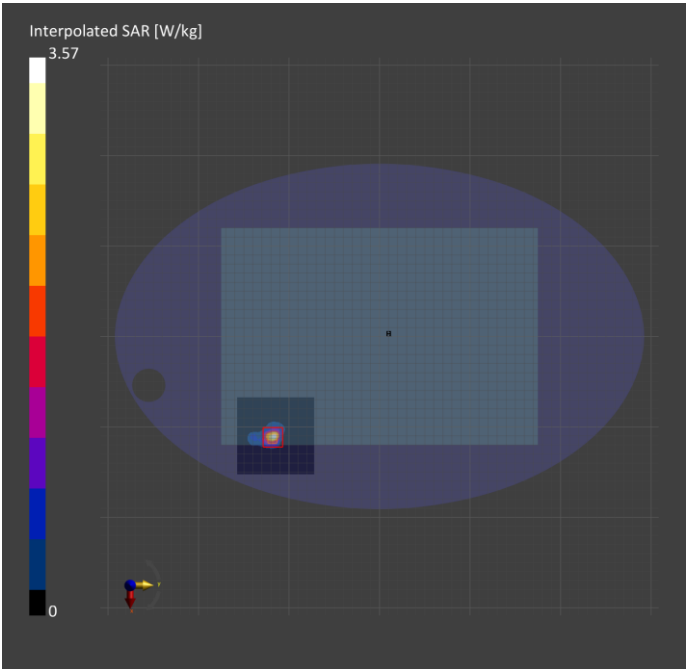
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.536	0.622
psSAR10g [W/Kg]	0.133	0.139
psPDab (1.0cm2, sq) [W/m2]		6.20
psPDab (4.0cm2, sq) [W/m2]		3.33
Power Drift [dB]	0.05	0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.2
Dist 3dB Peak [mm]		4.3



Test Laboratory: A Test Lab Techno Corp.

17_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0mm_ANT 2

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.6	6.09	34.9

Hardware Setup

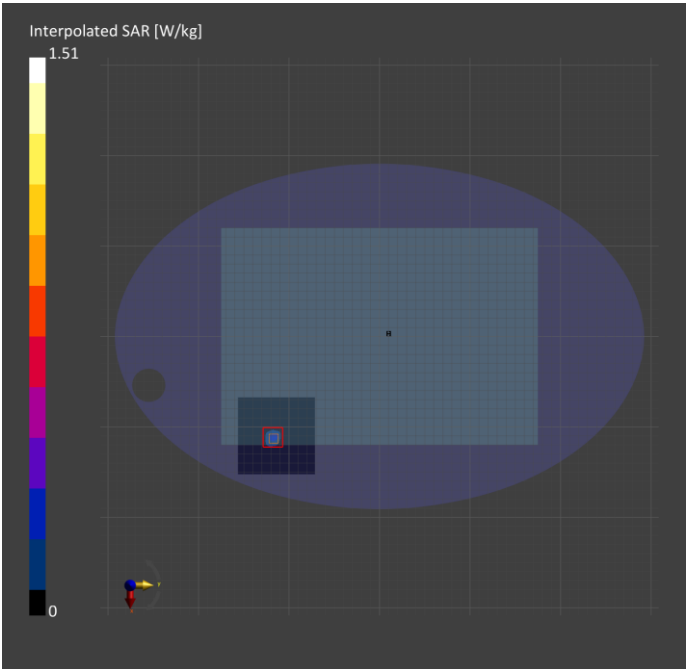
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.231	0.275
psSAR10g [W/Kg]	0.061	0.069
psPDab (1.0cm2, sq) [W/m2]		2.74
psPDab (4.0cm2, sq) [W/m2]		1.64
Power Drift [dB]	-0.14	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.3
Dist 3dB Peak [mm]		4.6



Test Laboratory: A Test Lab Techno Corp.

18_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_0mm_ANT 2

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	5.6	6.51	34.3

Hardware Setup

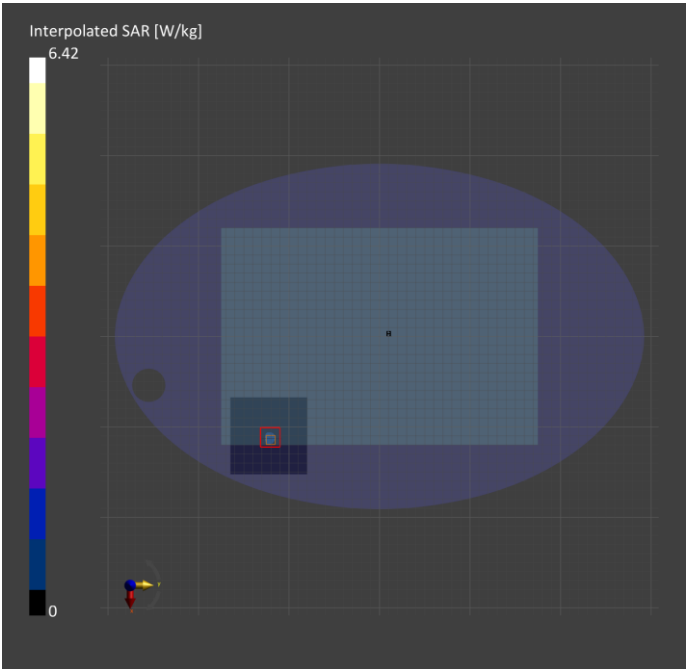
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.687	0.881
psSAR10g [W/Kg]	0.166	0.176
psPDab (1.0cm2, sq) [W/m2]		8.80
psPDab (4.0cm2, sq) [W/m2]		4.20
Power Drift [dB]	0.11	0.15
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.3
Dist 3dB Peak [mm]		4.0



Test Laboratory: A Test Lab Techno Corp.

19_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0mm_ANT 2

Device under Test Properties

Model: NR2203R, GV601R, GV601RW, GV601RM, GV601RE

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Face, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.6	6.64	33.9

Hardware Setup

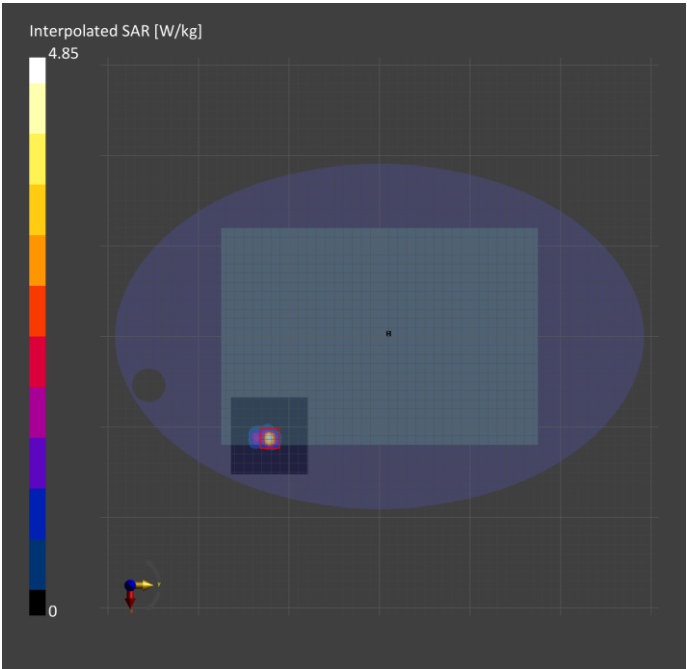
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-26	2022-01-26
psSAR1g [W/Kg]	0.317	0.662
psSAR10g [W/Kg]	0.081	0.136
psPDab (1.0cm2, sq) [W/m2]		6.62
psPDab (4.0cm2, sq) [W/m2]		3.26
Power Drift [dB]	0.16	-0.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		44.0
Dist 3dB Peak [mm]		4.3



Test Laboratory: A Test Lab Techno Corp.

21_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2mm_ANT 1

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

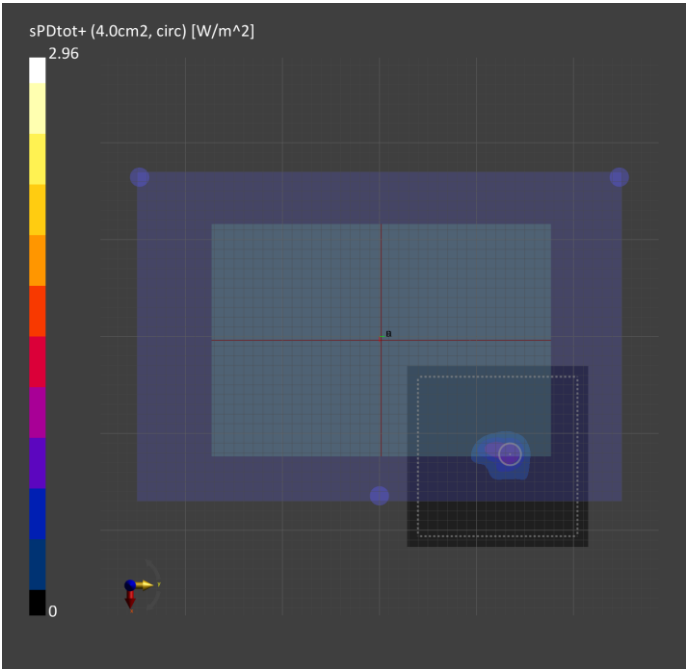
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.759
psPDtot+ [W/m²]	0.956
psPDmod+ [W/m²]	4.09
E _{max} [V/m]	68.3
H _{max} [A/m]	0.124
Power Drift [dB]	-0.12



Test Laboratory: A Test Lab Techno Corp.

20_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_2mm_ANT 1

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

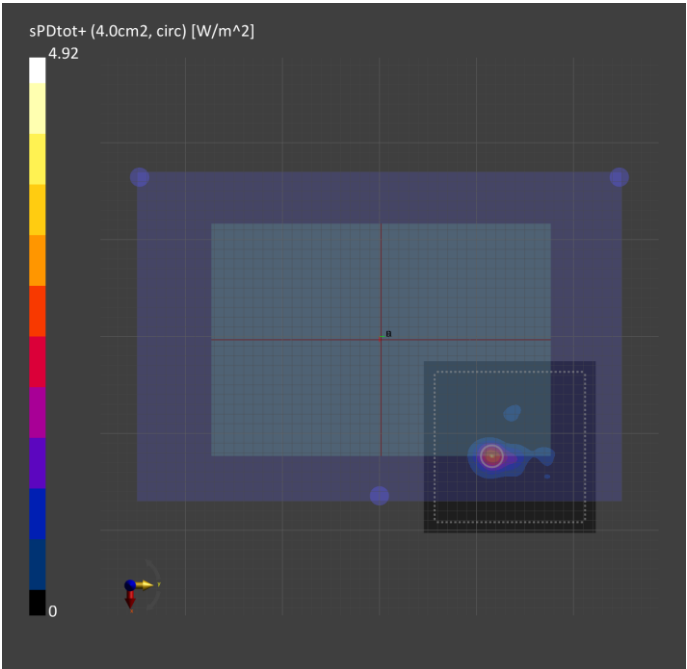
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.47
psPDtot+ [W/m²]	2.92
psPDmod+ [W/m²]	5.12
E _{max} [V/m]	59.0
H _{max} [A/m]	0.170
Power Drift [dB]	0.07



Test Laboratory: A Test Lab Techno Corp.

22_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2mm_ANT 1

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

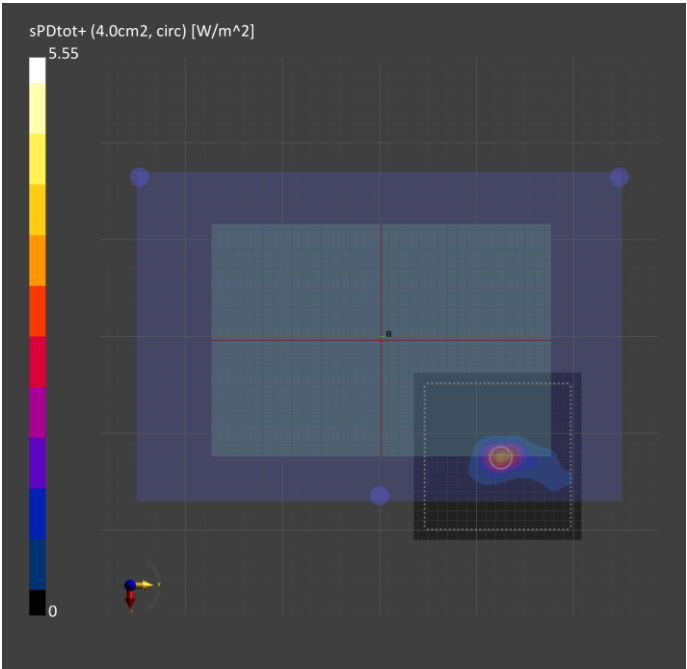
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.11
psPDtot+ [W/m²]	3.56
psPDmod+ [W/m²]	4.62
E _{max} [V/m]	63.6
H _{max} [A/m]	0.152
Power Drift [dB]	0.02



Test Laboratory: A Test Lab Techno Corp.

23_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_2mm_ANT 1

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

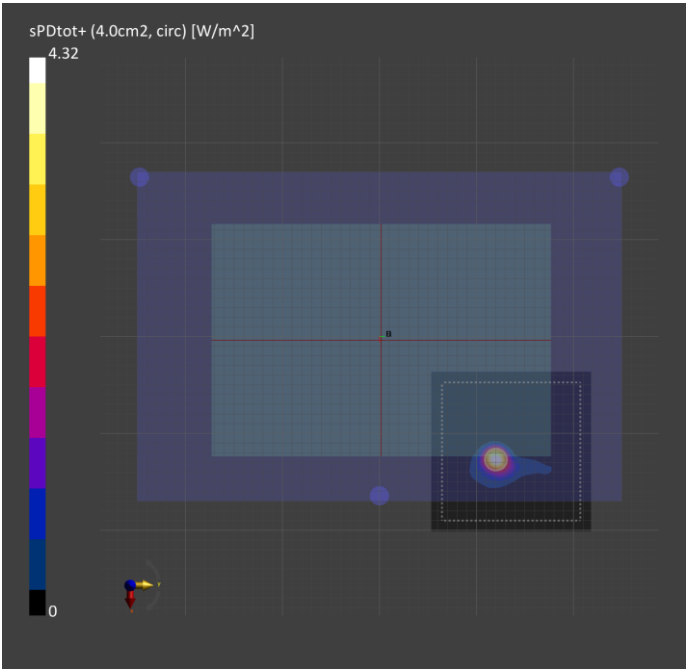
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.36
psPDtot+ [W/m²]	4.32
psPDmod+ [W/m²]	6.16
E _{max} [V/m]	73.9
H _{max} [A/m]	0.208
Power Drift [dB]	0.12



Test Laboratory: A Test Lab Techno Corp.

24_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2mm_ANT 1

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

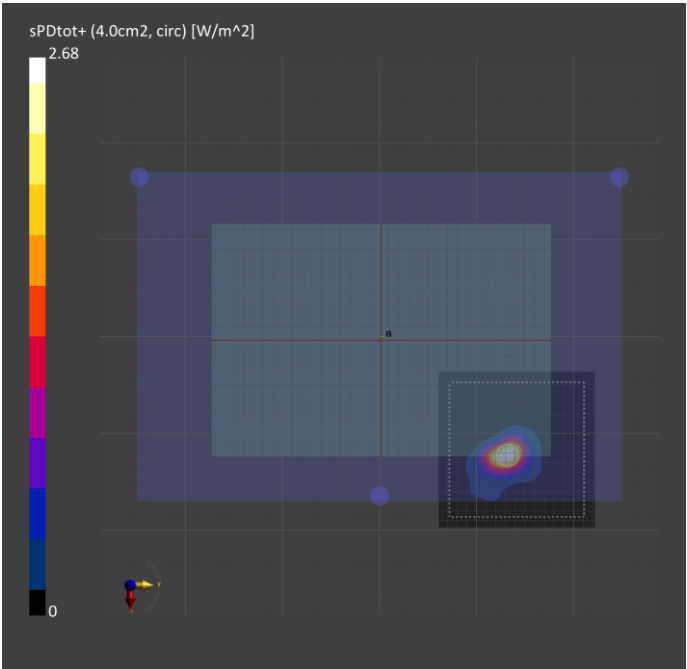
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.03
psPDtot+ [W/m²]	2.68
psPDmod+ [W/m²]	3.59
E _{max} [V/m]	68.8
H _{max} [A/m]	0.138
Power Drift [dB]	-0.07



Test Laboratory: A Test Lab Techno Corp.

26_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2mm_ANT 2

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

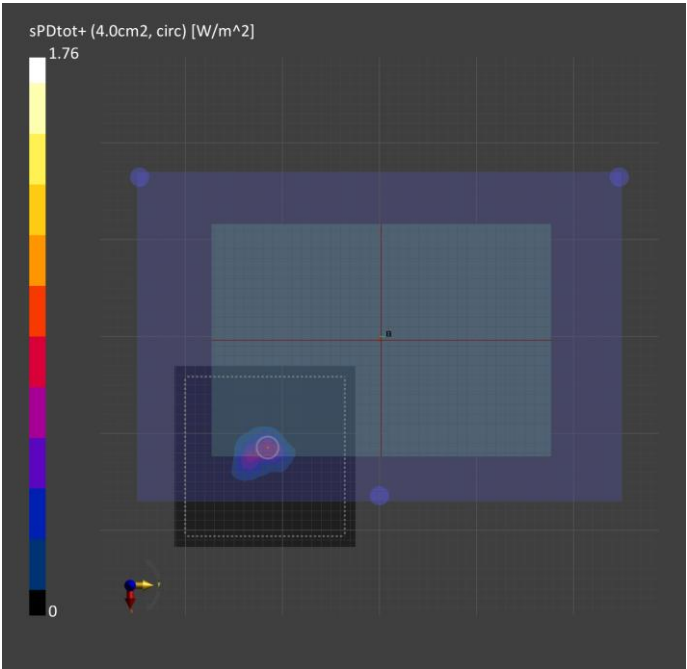
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.490
psPDtot+ [W/m²]	0.756
psPDmod+ [W/m²]	2.32
E _{max} [V/m]	49.5
H _{max} [A/m]	0.119
Power Drift [dB]	-0.00



Test Laboratory: A Test Lab Techno Corp.

25_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_2mm_ANT 2

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

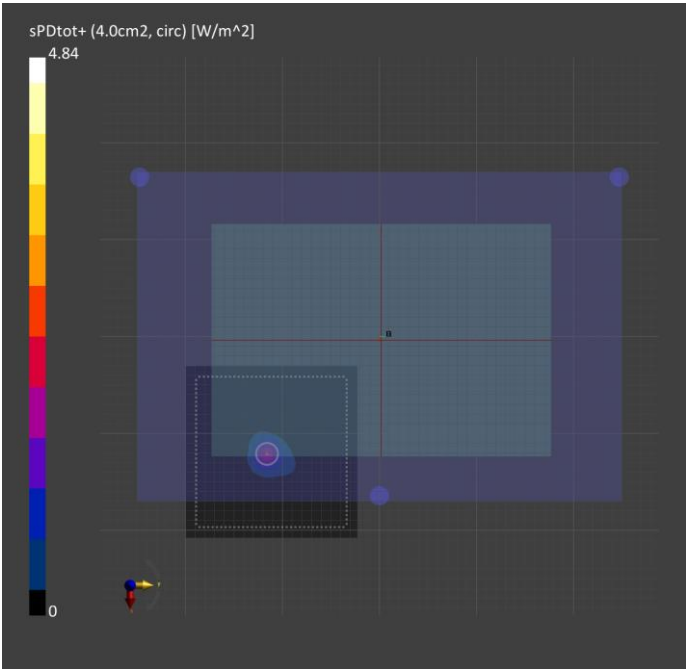
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.57
psPDtot+ [W/m²]	1.84
psPDmod+ [W/m²]	2.45
E _{max} [V/m]	42.2
H _{max} [A/m]	0.119
Power Drift [dB]	0.19



Test Laboratory: A Test Lab Techno Corp.

27_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2mm_ANT 2

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

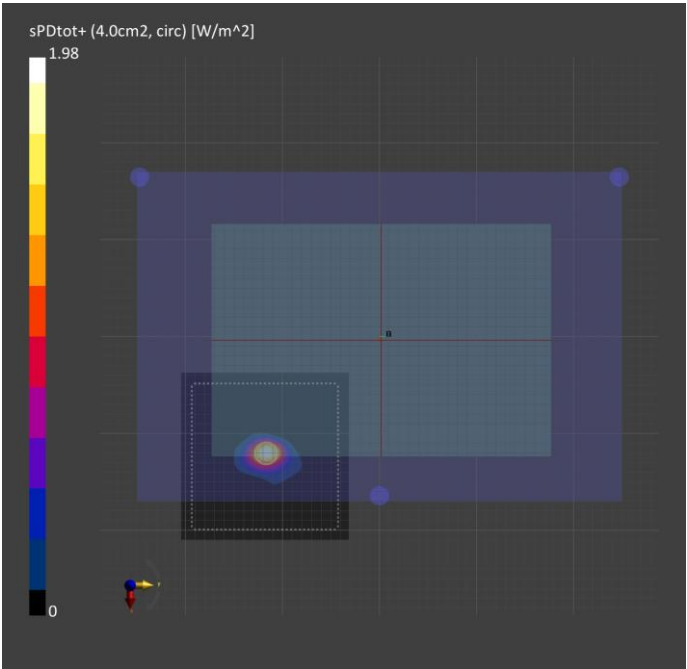
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.21
psPDtot+ [W/m²]	1.97
psPDmod+ [W/m²]	3.00
E _{max} [V/m]	55.8
H _{max} [A/m]	0.106
Power Drift [dB]	0.01



Test Laboratory: A Test Lab Techno Corp.

28_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_2mm_ANT 2

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

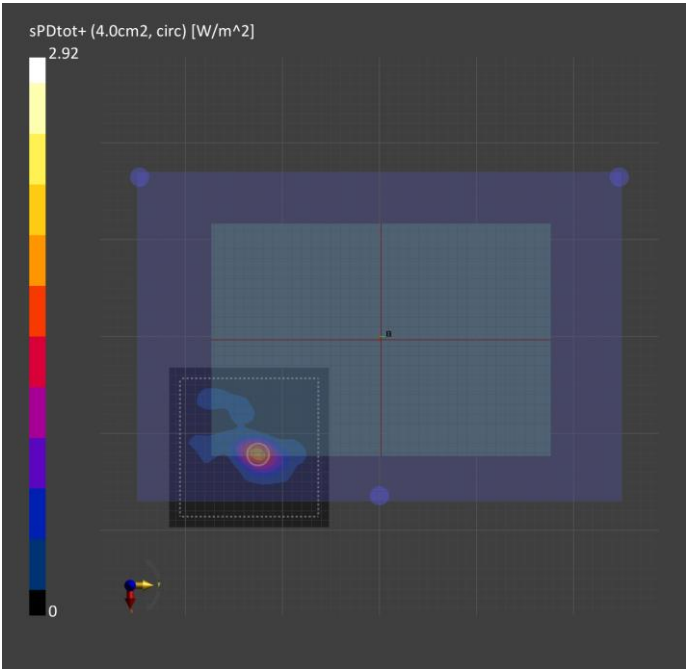
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.06
psPDtot+ [W/m²]	1.92
psPDmod+ [W/m²]	2.69
E _{max} [V/m]	50.4
H _{max} [A/m]	0.121
Power Drift [dB]	-0.15



Test Laboratory: A Test Lab Techno Corp.

29_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2mm_ANT 2

Device under Test Properties

Model:NR2203R, GV601R, GV601RW, GV601RM,GV601RE

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-27
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.45
psPDtot+ [W/m²]	1.87
psPDmod+ [W/m²]	2.78
E _{max} [V/m]	55.5
H _{max} [A/m]	0.127
Power Drift [dB]	-0.13

