

APPENDIX A: TEST PLOTS

ELEMENT

DUT: C3K1997; Type: Portable Computing Device; Serial: 0F013H3220700E

Communication System: UID:10731 - AAC, WLAN; MAIA: Y; Frequency: 6785.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6785.0 MHz; cond = 6.51 S/m; perm = 33.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 04/13/2022; Ambient Temp: 23.5°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7551; ConvF:(5.54,5.54,5.54); Calibrated: 2021-10-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2021-09-15
Phantom: Twin-SAM V8.0 Right; Serial: 1981
Measurement SW: DASY Module SAR V16.0.2.136

Mode: IEEE 802.11ax, U-NII-7, Antenna 1, 80 MHz Bandwidth, Body SAR, Left Edge, Ch. 167, 34.0 Mbps

Area Scan (40.0 x 255.0): Measurement grid: dx=5.0 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.1 mm, dy=3.1 mm, dz=1.2 mm; Graded Ratio: 1.2

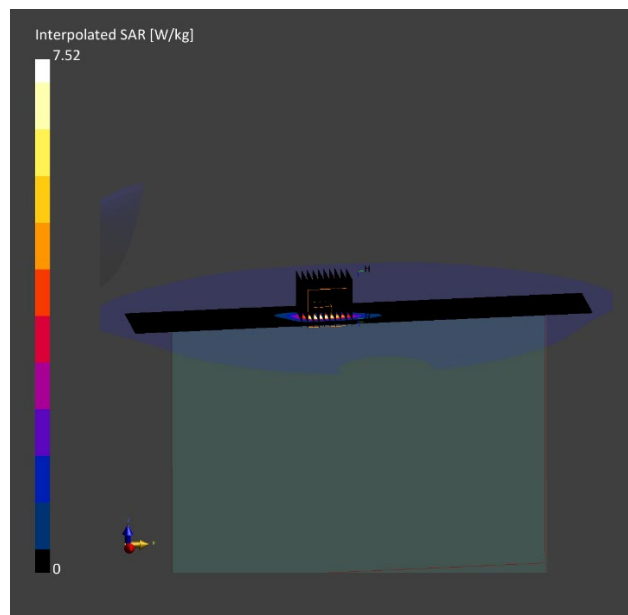
Reference Value = 0.74 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 7.52 W/kg

SAR(1 g) = 0.997 W/kg; APD(4 cm²) = 5.03 W/m²

Smallest distance from peaks to all points 3 dB below is 3.5 mm

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



ELEMENT

DUT: C3K1997; Type: Portable Computing Device; Serial: 0F013H3220700E

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6025.0 MHz
Medium: 6000 Head; Medium parameters used:
f = 6025.0 MHz; cond = 5.56 S/m; perm = 34.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 05/04/2022; Ambient Temp: 20.9°C; Tissue Temp: 21.5°C

Probe: EX3DV4 - SN7551; ConvF:(5.54,5.54,5.54); Calibrated: 2021-10-26
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1449; Calibrated: 2021-09-15
Phantom: Twin-SAM V8.0 Right; Serial: 1981
Measurement SW: DASY Module SAR V16.0.2.136

**Mode: IEEE 802.11ax, U-NII-5, Antenna 1, 160 MHz Bandwidth, Body SAR,
Bottom Edge, Ch. 15, 68.1 Mbps**

Area Scan (40.0 x 323.0): Measurement grid: dx=5.0 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded
Ratio: 1.4

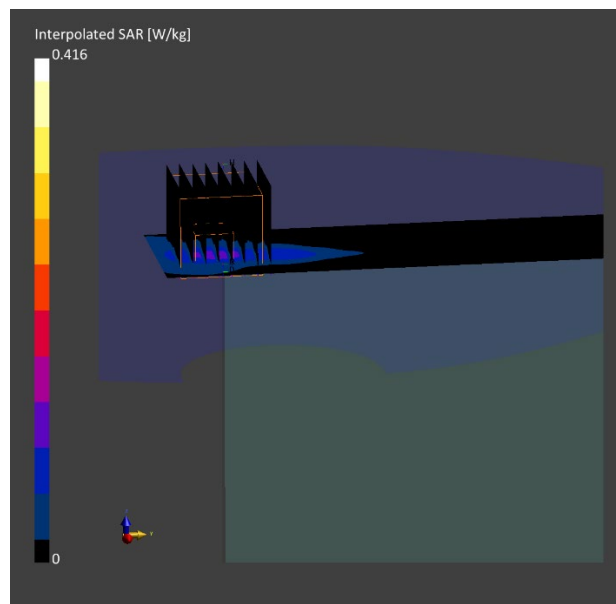
Reference Value = 0.07 W/kg; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.095 W/kg; APD(4 cm²) = 0.723 W/m²

Smallest distance from peaks to all points 3 dB below is 7.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.6 %



ELEMENT

Date: 04/08/2022

Antenna 2; Channel 167; 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1997	0F013H3220700E	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	RIGHT	2.00	167	WLAN, 10731	6785.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 11/11/2021	DAE4ip SN1638, 11/11/2021

Software Setup

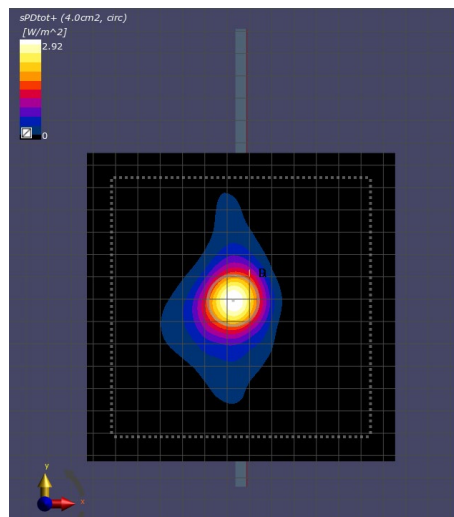
Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	130x130
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	2.92
pS _n avg [W/m ²]	2.60
E _{peak} [V/m]	61.9
Power Drift [dB]	-0.08



ELEMENT

Date: 05/02/2022

Antenna 1; Channel 15; 802.11ax

Device Under Test Properties

DUT	Serial Number	DUT Type
C3K1997	0F013H3220700E	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	BOTTOM	2.00	15	WLAN, 10755	6025.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 11/11/2021	DAE4ip SN1638, 11/11/2021

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120x120
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.558
pS _n avg [W/m ²]	0.531
E _{peak} [V/m]	18.5
Power Drift [dB]	-0.04

