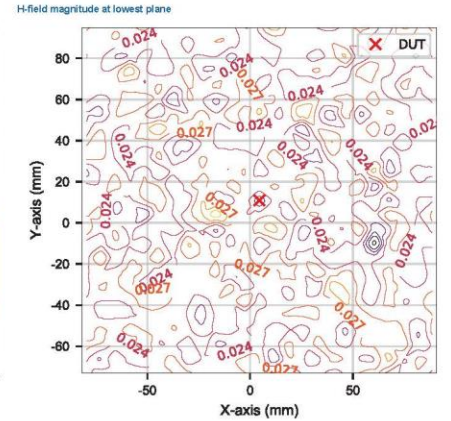
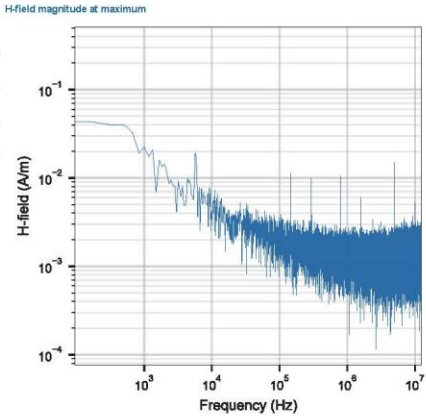


APPENDIX C: TEST PLOTS

cDASY6 Module WPT Measurement Report

Device under test		Hardware setup	Scan setup
Model/Manufacturer PY7-25682R		DA-2K version cDASY6 Module WPT, 1.2.0.8	Type Static
Serial number 69747		Netlink version 1.2.5	Resolution X: 7.00 mm, Y: 7.00 mm, Z: 7.00 mm
Dimensions 71 mm x 165 mm x 10 mm		Radio model / serial number Single Probe with reference / WFP000100	Dimensions X: 168.00 mm, Y: 168.00 mm, Z: 14.00 mm
Measurement scenario URS (back, AC power, 5.5 kHz)			Completed on 2023/03/03 19:58:11

Measurement results	
Maximum H-field	
24.68 mA/m (rms)	
Location of maximum relative to DUT	
X: 28.00 mm, Y: 28.00 mm, Z: 14.00 mm	
Maximum H-field (x, y, z)	
33.02 mA/m, 18.04 mA/m, 15.66 mA/m	
Peak frequency	
5.72 kHz (median)	
Reference to -20 dB boundary	
N/A	



Induced quantities in the anatomical model (f=5.72 kHz, d=0.250 g/m, resolution/element = 132 dB)								
Spacing (mm)	Peak Hinc (A/m, rms)	Peak Einc (V/m, rms)	Line avg.	Peak Jinc (A/m ² , rms)	Surface avg.	psSAR (mW/kg)	1g avg.	-20 dB radius (mm)
0 *	0.033	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	95.3

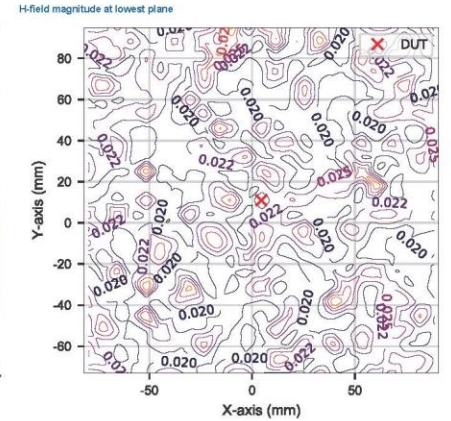
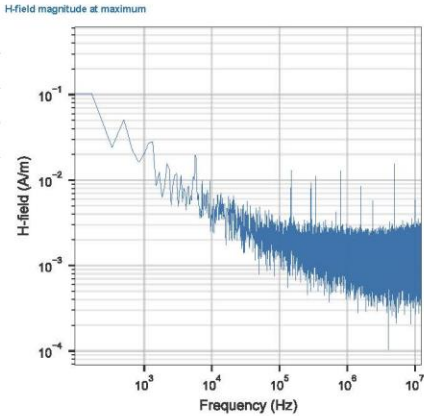
Standard compliance evaluation															
Spacing (mm)	ICNIRP 2020 (dB)			ICNIRP 1998 (dB)			IEEE 2019 (dB)			FCC 2020 (dB)			HC Code 6 (dB)		
	Peak Hinc (RL)	Peak Einc (BR)	psSAR (BR)	Peak Hinc (RL)	Peak Einc (BR)	psSAR (BR)	Peak Hinc (RL)	Peak Einc (BR)	psSAR (BR)	Peak Hinc (RL)	Peak Einc (BR)	psSAR (BR)	Peak Hinc (RL)	Peak Einc (BR)	psSAR (BR)
0 *	9.75	-114	-110	26.3	-88.8	-110	-7.65	-117	-110	16.7	-114	-106	26.3	-114	-106

Standard compliance evaluation (coverage factor-adjusted) (f=5.72 kHz, W_{0.01} > 20, W_{0.01} < 25, W_{0.01avg} < 1.0, W_{0.01avg} < 1.0)										
Spacing (mm)	ICNIRP 2020 (dB)		ICNIRP 1998 (dB)		IEEE 2019 (dB)		FCC 2020 (dB)		HC Code 6 (dB)	
	Peak Einc (BR)	psSAR (BR)	Peak Hinc (BR)	psSAR (BR)	Peak Einc (BR)	psSAR (BR)	Peak Einc (BR)	psSAR (BR)	Peak Einc (BR)	psSAR (BR)
0 *	-98.9	-107	-83.2	-107	-105	-107	-98.6	-103	-98.6	-103

cDASY6 Module WPT Measurement Report

Device under test		Hardware setup	Scan setup
Model / Manufacturer		cDASX version	Type
PY7-25682R		cDASY6 Module WPT, 1.2.0.8	Static
Serial number		Hardware version	Resolution
89747		1.2.5	X: 7.00 mm, Y: 7.00 mm, Z: 7.00 mm
Dimensions		Probe model / serial number	Dimensions
71 mm x 165 mm x 10 mm		Single Probe with reference / WFP000100	X: 168.00 mm, Y: 168.00 mm, Z: 14.00 mm
Measurement settings			Completed on
URS (back, AC power, peak search & 4990 kHz)			2023/03/02 16:25:50

Measurement results	
Maximum H-field	
23.25 mA/m (rms)	
Location of maximum relative to DUT	
X: -14.00 mm, Y: 84.00 mm, Z: 7.00 mm	
Maximum H-field (x, y, z)	
31.72 mA/m, 17.33 mA/m, 11.54 mA/m	
Peak frequency	
4.99 MHz (median)	
Frequency to -20.0 dB boundary	
NaN	



Induced quantities in the anatomical model (T=0.01 MHz, d=0.000 000 mm, acceleration vector=76.2%)							
Spacing (mm)	Peak Hinc (A/m, rms)	Peak End (A/m, rms)	Line avg.	Peak Jinc (A/m ² , rms)	Surface avg.	psSAR (mW/kg)	10g avg.
0 *	0.030	0.007	0.007	0.002		< 0.001	< 0.001

Standard compliance evaluation															
Spacing (mm)	ICNIRP 2020 (dB)	Peak Hinc (RL)	Peak End (dB)	psSAR (dB)	ICNIRP 1998 (dB)	Peak Hinc (RL)	Peak End (dB)	psSAR (dB)	IEEE 2019 (dB)	Peak Hinc (RL)	Peak End (dB)	psSAR (dB)	FCC 2020 (dB)	Peak Hinc (RL)	Peak End (dB)
0 *	9.79	-60.7	-54.6	26.3	-34.3	-54.6	-7.63	-63.9	-54.6	16.7	-60.4	-50.7	26.3	-60.4	-50.7

Standard compliance evaluation (coverage factor-adjusted) (Coverage factor=1.00, k=1.00, k=1.00, k=1.00, k=1.00, k=1.00, k=1.00, k=1.00, k=1.00, k=1.00, k=1.00)										
Spacing (mm)	ICNIRP 2020 (dB)	psSAR (dB)	ICNIRP 1998 (dB)	psSAR (dB)	IEEE 2019 (dB)	psSAR (dB)	FCC 2020 (dB)	psSAR (dB)	HC Code 5 (dB)	psSAR (dB)
0 *	-45.5	-51.8	-28.7	-51.8	-52.2	-51.8	-45.2	-47.9	-45.2	-47.9

ELEMENT

DUT: PY7-25682R; Type: Portable Handset; Serial: 87089

Communication System: UID:10010 - CAB, CW; MAIA: Y; Frequency: 5850.0 MHz
Medium: 5200-5800 Body; Medium parameters used:
f = 5850.0 MHz; cond = 6.27 S/m; perm = 46.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 04/03/2023; Ambient Temp: 22.1⁰C; Tissue Temp: 21.8⁰C

Probe: EX3DV4 - SN7570; ConvF:(4.3,4.3,4.3); Calibrated: 2023-01-11
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1558; Calibrated: 2023-01-17
Phantom: Twin-SAM V8.0; Serial: 2060
Measurement SW: DASY Module SAR V16.2.0.1425

Mode: Unintentional Radiator SAR, Back side 0mm

Area Scan (100.0 x 200.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

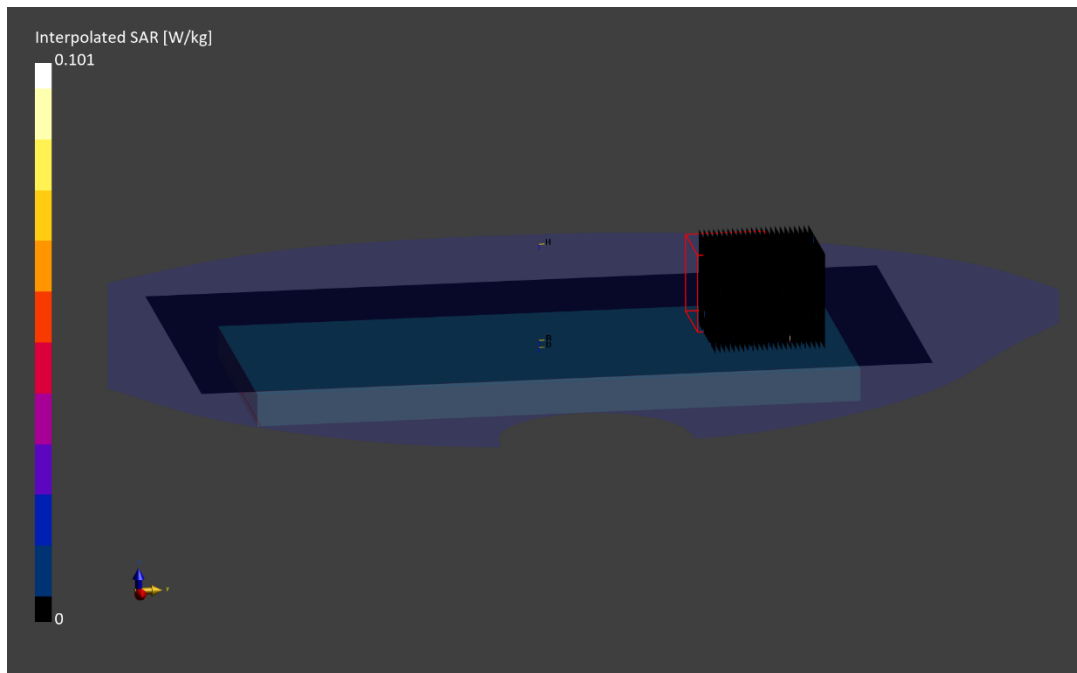
Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=1.3 mm, dy=1.3 mm, dz=1.2 mm; Graded Ratio: 1.2

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.001 W/kg; SAR(10 g) = 0 W/kg

Smallest distance from peaks to all points 3 dB below is 0.6 mm

Ratio of SAR at M2 to SAR at M1 = n/a %



ELEMENT

Date: 03/06/2022

Device Under Test Properties

DUT	Serial Number	DUT Type
PY7-25682R	87089	Portable Handset

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Frequency [MHz]
5G	BACK	2.00	6000

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9407_F1-55GHz, 2022-10-17	DAE4ip Sn1638, 2022-10-13

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.0.0.841

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	150 x 200
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
pS _{tot} avg [W/m ²]	0.079
pS _n avg [W/m ²]	0.073
E _{peak} [V/m]	8.27

