Appendix B. Plots of SAR and Power Density Measurement

The SAR and Power Density plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows.

P01 UNII-6_802.11ax HE160_Rear Face_0mm_Ch111_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
WTW-P20120637-1	195.0 x 95.0 x 72.0		Other

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,	Rear Face 0.00	U-NII-6	WLAN, 10755-AAB	6505	5.65	6.19	33.7

Hardware Setup

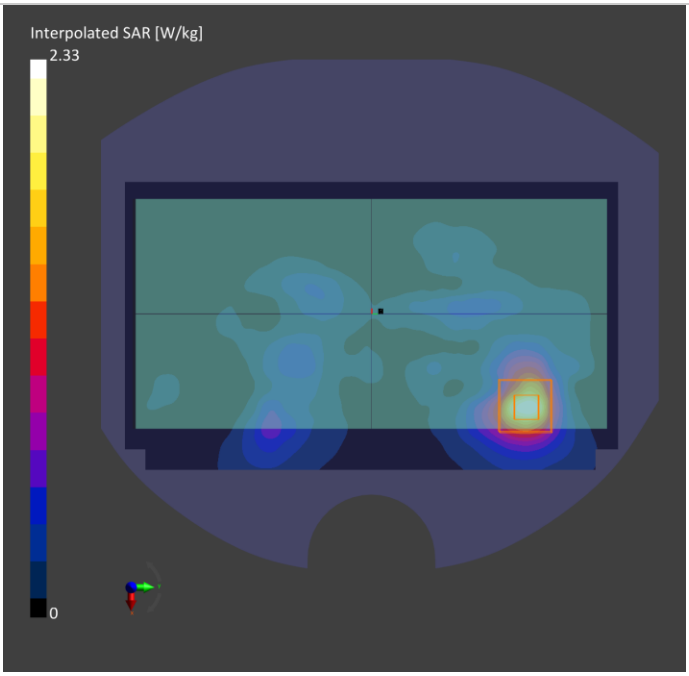
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1987	H50T72N1 , 2021-Apr-13	EX3DV4 - SN7555, 2020-09-28	DAE4 Sn1589, 2020-09-15

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	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	2021-04-13	2021-04-13
psSAR1g [W/Kg]	0.478	0.493
psSAR10g [W/Kg]	0.163	0.165
Power Drift [dB]	0.11	-0.16
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		8.7



Test Lab: Bureau Veritas ADT SAR/HAC/PD Testing Lab

Power Density Plot No.:

P01 WLAN UNII-6_802.11ax HE160_Rear Face_0mm_Ch111_Ant 0+1

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
WTW-P20120637-1	195.0 x 95.0 x 72.0		Other

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5GAir	Rear Face, 2.00	U-NII-6	WLAN, 10755-AAB	6505	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave	--Air-	EUmmWV3 - SN9361_F1-78GHz, 2020-09-24	DAE4 Sn1589, 2020-09-15

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2021-04-13
Avg. Area [cm²]	4.00
$pS_{tot}avg$[W/m²]	3.28
$pS_{n}avg$ [W/m²]	3.06
pSAPD [W/m²]	4.13
E_{peak} [V/m]	40.6