

Measurement Report for Device, CHEEK, U-NII-5, UID 10743 AAC, Channel 15 (6025.0MHz)

Device under Test Properties

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	CHEEK, 0.00	U-NII-5	WLAN,10743-AAC	6025.0,15	5.25	5.62	34.7

Hardware Setup

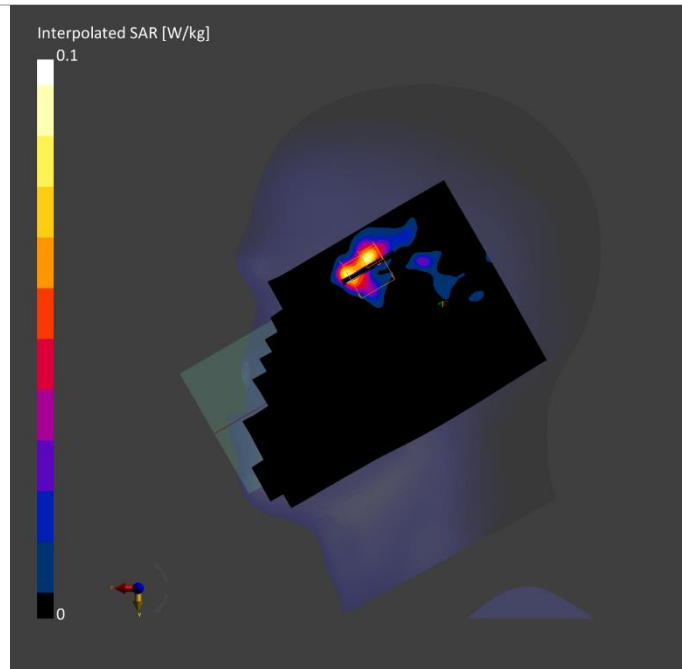
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -2044	HBBL-600-10000 Charge:xxxx, 2021-Oct-27	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1668, 2021-04-08

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	2021-10-27	2021-10-27
Peak SAR (extrapolated) [W/kg]	0.086	2.34
psSAR1g [W/kg]	0.054	0.066
psSAR10g [W/kg]		0.030
psPDab (4.0cm2, sq) [W/m2]		0.524
Power Drift [dB]		0.04



Measurement Report for Device, BACK, U-NII-6, UID 10743 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

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	BACK, 15.00	U-NII-6	WLAN,10743-AAC	6505.0, 111	5.25	6.20	33.9

Hardware Setup

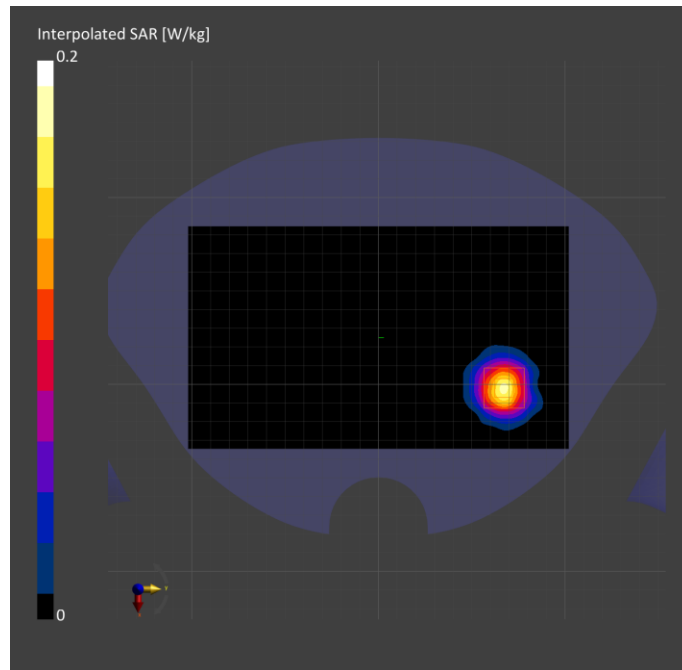
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -2044	HBBL-600-10000 Charge:xxxx, 2021-Oct-27	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1668, 2021-04-08

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	2021-10-27	2021-10-27
Peak SAR (extrapolated)[W/kg]	0.173	0.637
psSAR1g [W/kg]	0.133	0.145
psSAR10g [W/kg]		0.052
psPDab (4.0cm2, sq) [W/m2]		1.18
Power Drift [dB]		-0.11



Measurement Report for Device, BACK, U-NII-6, UID 10743 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

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	BACK, 0.00	U-NII-6	WLAN,10743-AAC	6505.0,111	5.25	6.26	34.5

Hardware Setup

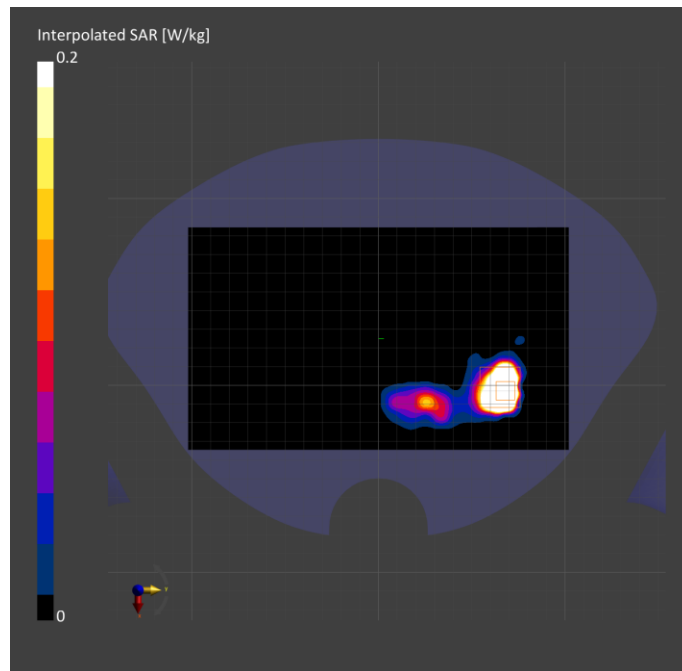
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -2044	HBBL-600-10000 Charge:xxxx, 2021-Oct-26	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1668, 2021-04-08

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	3.0 x 3.0 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2021-10-26	2021-10-26
Peak SAR (extrapolated) [W/kg]	2.23	8.86
psSAR1g [W/kg]	1.15	1.30
psSAR10g [W/kg]		0.247
psPDab (4.0cm2, sq) [W/m2]		6.00
Power Drift [dB]		0.03



Measurement Report for Device, BACK, U-NII-7, UID 10743 AAC, Channel 143 (6665.0MHz)

Device under Test Properties

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	BACK, 0.00	U-NII-7	WLAN,10743-AAC	6665.0,143	5.25	6.44	34.2

Hardware Setup

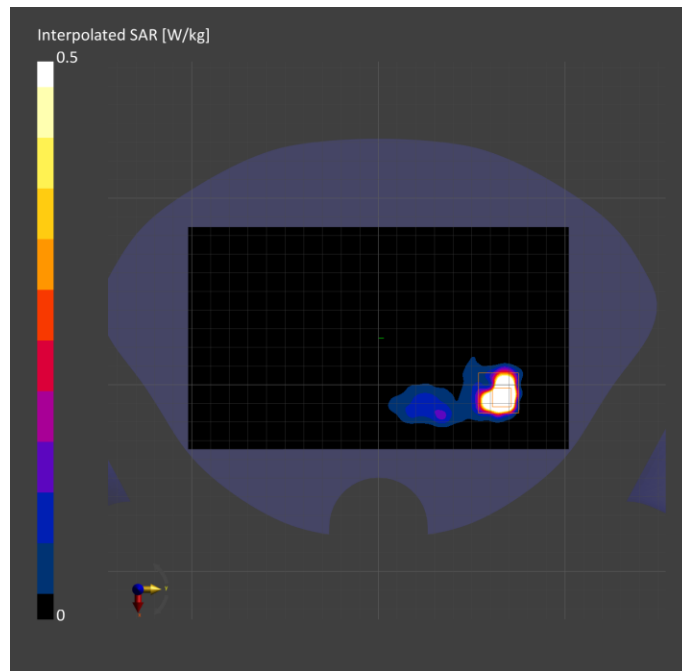
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) -2044	HBBL-600-10000 Charge:xxxx, 2021-Oct-26	EX3DV4 - SN7545, 2021-08-26	DAE4 Sn1668, 2021-04-08

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	3.1 x 3.1 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2021-10-26	2021-10-26
Peak SAR (extrapolated) [W/kg]	2.07	9.25
psSAR1g [W/kg]	1.28	1.40
psSAR10g [W/kg]		0.269
psPDab (4.0cm2, sq) [W/m2]		6.53
Power Drift [dB]		0.09



Measurement Report for Device, BACK, U-NII-6, UID 10743 AAC, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, Device	163.2 x 77.9 x 10.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	BACK, 2.00	U-NII-6	WLAN, 10743-AAC	6505.0, 111	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- xxxx	Air---	EUmmWV4 - SN9559_F1-55GHz, 2021-04-01	DAE4 Sn1667, 2021-04-08

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	2021-11-02
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.95
psPDtot+ [W/m ²]	2.14
psPDmod+ [W/m ²]	
iPD	1.19
E _{max} [V/m]	46.0
Power Drift [dB]	-0.19

