
Appendix C – Highest Test Plots

Test Date : 2024-01-31 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode**1_BT_GFSK_Rear Face of Left Ear_0mm_Ch39****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
Corsair	RDA0049	A019	Headset

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10032 - CAA	2441.000, 39	7.05	1.80	40.9

Hardware Setup

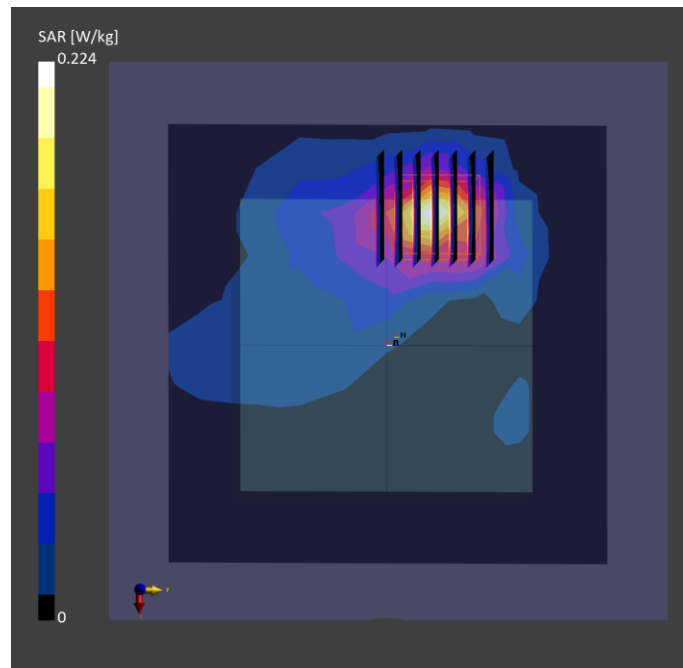
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.166	0.172
psSAR-10g [W/kg]	0.076	0.078
Power Drift [dB]		-0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		49.4
Dist 3dB Peak [mm]		9.9



Test Date : 2024-01-31 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode**2_SRD_GFSK_Rear Face of Right Ear_0mm_Ch0****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
Corsair	RDA0049	A019	Headset

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10670 - AAA	2402.000, 0	7.05	1.76	40.8

Hardware Setup

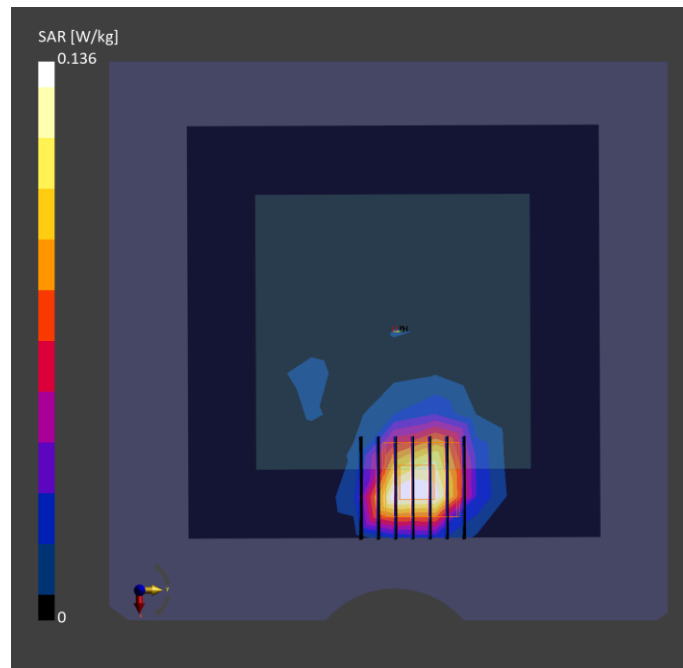
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.123	0.141
psSAR-10g [W/kg]	0.058	0.061
Power Drift [dB]		-0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		50.8
Dist 3dB Peak [mm]		9.3



Test Date : 2024-01-31 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode**3_BT_GFSK_Antenna Side of Left Ear_0mm_Ch39****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
Corsair	RDA0049	A019	Headset

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10032 - CAA	2441.000, 39	7.05	1.80	40.9

Hardware Setup

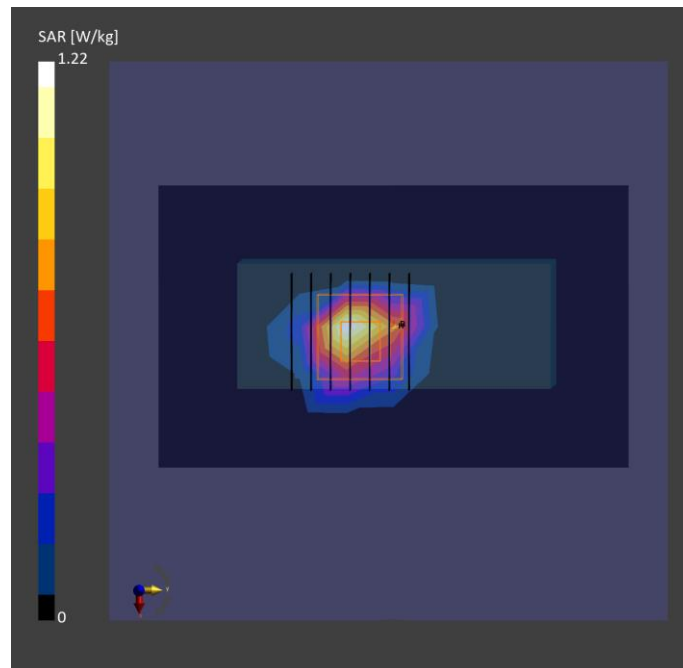
Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.917	1.05
psSAR-10g [W/kg]	0.366	0.382
Power Drift [dB]		0.01
TSL Correction	Positive only	Positive only
M2 / M1 [%]		40.6
Dist 3dB Peak [mm]		7.0



Test Date : 2024-01-31 | Ambient Temp : 22.5 °C | Tissue Temp : 21.4 °C

Test Mode**4_SRD_GFSK_Antenna Side of Right Ear_0mm_Ch0****Device Under Test Properties**

Manufacturer or Brand	Model No. or Code Name	Sample No. or IMEI	DUT Type
Corsair	RDA0049	A019	Headset

Exposure Conditions

Phantom Section	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	ISM 2.4 GHz Band	Bluetooth, 10670 - AAA	2402.000, 0	7.05	1.76	40.8

Hardware Setup

Phantom	Tissue Simulating Liquid	Probe Calibration Date	DAE Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2102	HBBL-600-10000	EX3DV4 - SN7737 / 2023-06-05	DAE4 Sn1743 / 2023-08-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR-1g [W/kg]	0.671	0.722
psSAR-10g [W/kg]	0.252	0.251
Power Drift [dB]		0.02
TSL Correction	Positive only	Positive only
M2 / M1 [%]		40.7
Dist 3dB Peak [mm]		6.0

