

2023-03-14 System Performance Check Report D750V3 - SN1139

Summary

Dipole	D750V3 - SN1139		
Frequency [MHz]	750.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	2.1
Power [dBm]	17.0	Iso. Error [%]	2.6

Exposure Conditions

Dipole Distance [mm]	15	TSL Permittivity	43.4
Conversion Factor	10.56	TSL Conductivity [S/m]	0.888

Hardware Setup

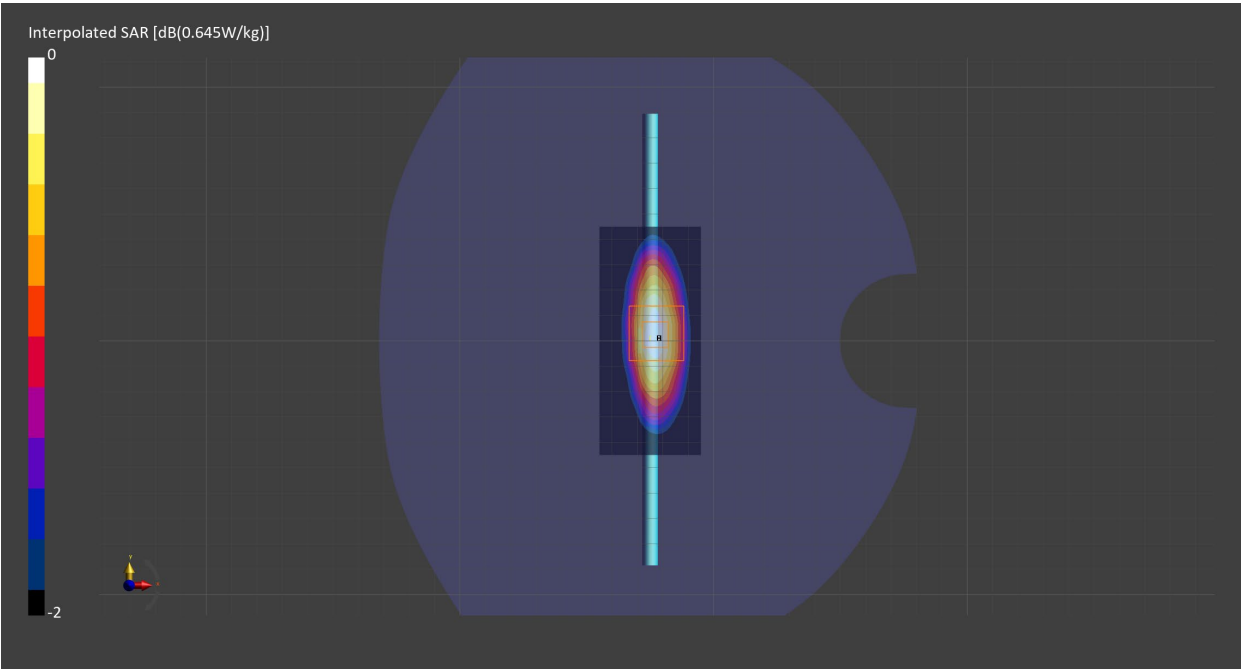
Probe Calibration Date	EX3DV4 - SN7709 2022-12-12	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2084
DAE Calibration Date	DAE4 Sn1714 2022-11-23	TSL Meas. Date	HBBL600-10000V6 2023-Mar-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		87.4
Dist 3dB Peak [mm]		> 15.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.419	0.417
psSAR10g [W/Kg]	0.280	0.274
Power Drift [dB]	0.01	0.02



2023-03-20 System Performance Check Report D1750V2 - SN1136

Summary

Dipole	D1750V2 - SN1136		
Frequency [MHz]	1750.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	2.3
Power [dBm]	17.0	Iso. Error [%]	3.0

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	40.5
Conversion Factor	9.05	TSL Conductivity [S/m]	1.34

Hardware Setup

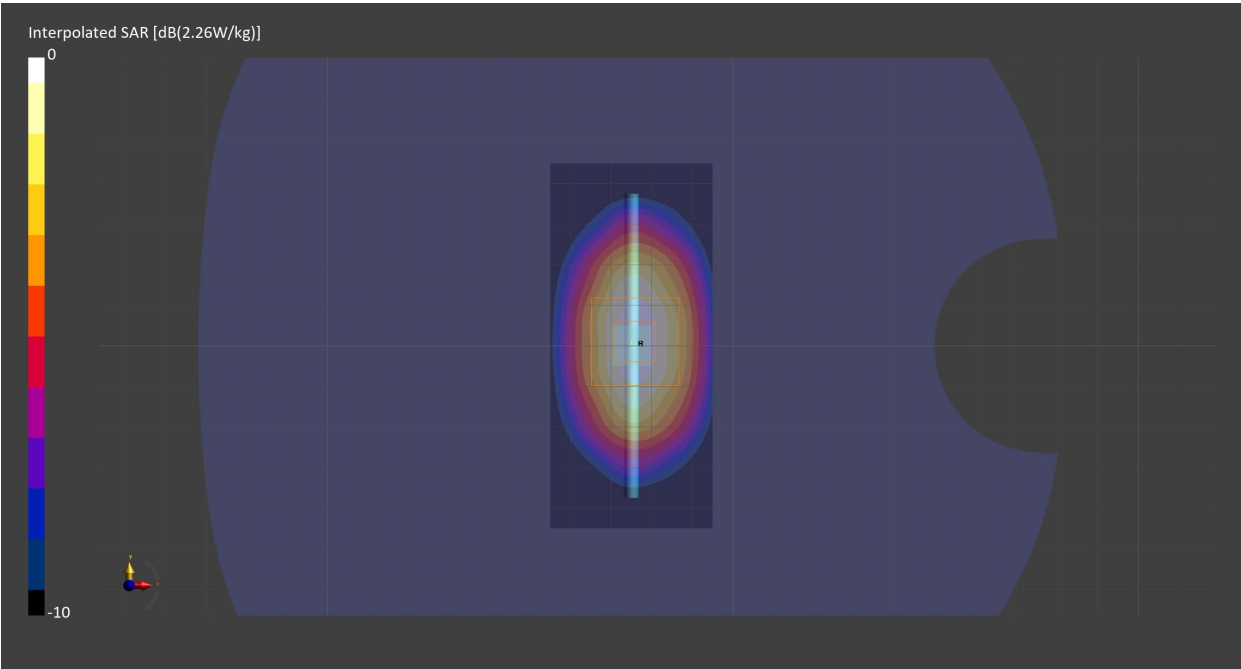
Probe Calibration Date	EX3DV4 - SN7709 2022-12-12	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2084
DAE Calibration Date	DAE4 Sn1714 2022-11-23	TSL Meas. Date	HBBL600-10000V6 2023-Mar-20

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		82.8
Dist 3dB Peak [mm]		10.8

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.81	1.80
psSAR10g [W/Kg]	0.969	0.955
Power Drift [dB]	-0.06	0.01



2023-03-20 System Performance Check Report D1900V2 - SN5d202

Summary

Dipole	D1900V2 - SN5d202		
Frequency [MHz]	1900.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	11.0
Power [dBm]	17.0	Iso. Error [%]	2.9

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	40.3
Conversion Factor	8.74	TSL Conductivity [S/m]	1.43

Hardware Setup

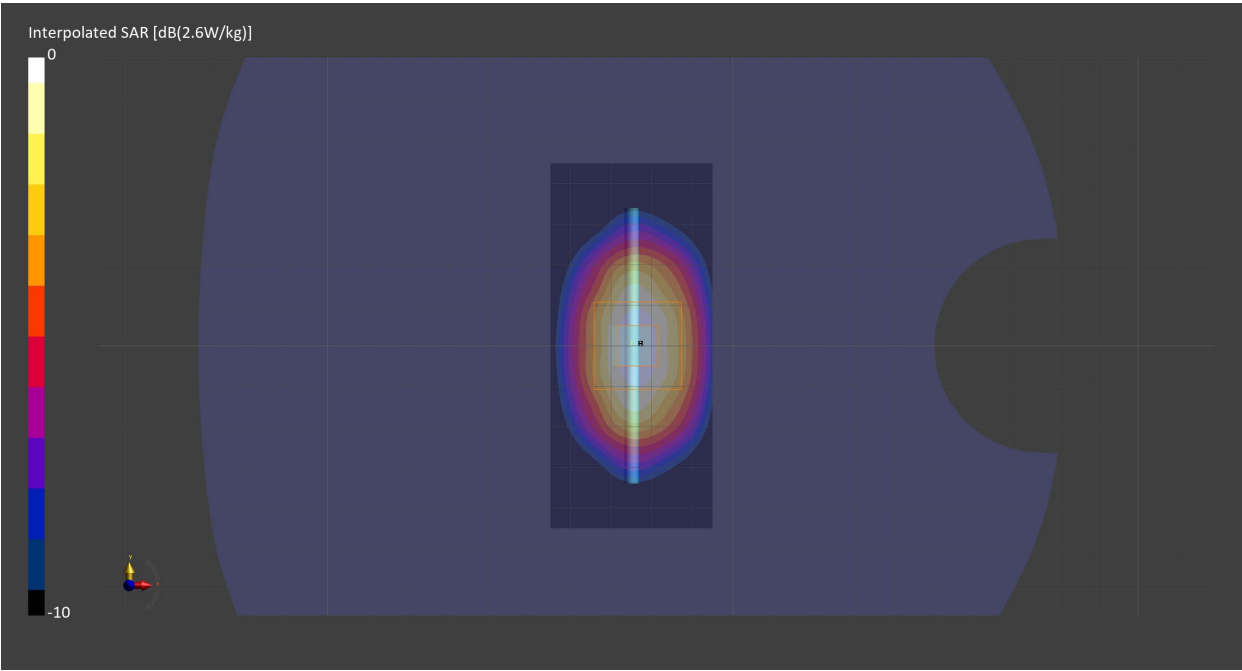
Probe Calibration Date	EX3DV4 - SN7709 2022-12-12	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2084
DAE Calibration Date	DAE4 Sn1714 2022-11-23	TSL Meas. Date	HBBL600-10000V6 2023-Mar-20

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		10.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.06	2.06
psSAR10g [W/Kg]	1.07	1.06
Power Drift [dB]	0.00	0.01



2023-03-13 System Performance Check Report D900V2 - SN1d180

Summary

Dipole	D900V2 - SN1d180		
Frequency [MHz]	900.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	-0.2
Power [dBm]	17.0	Iso. Error [%]	-1.0

Exposure Conditions

Dipole Distance [mm]	15	TSL Permittivity	43.5
Conversion Factor	10.14	TSL Conductivity [S/m]	0.929

Hardware Setup

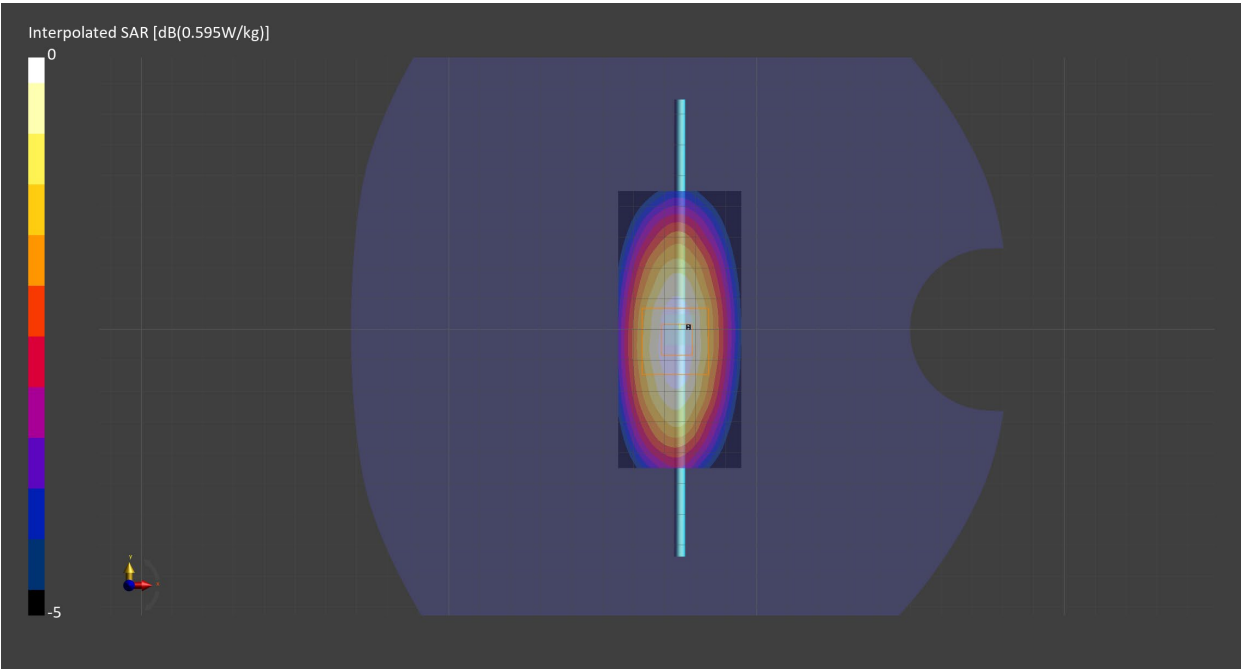
Probe Calibration Date	EX3DV4 - SN7710 2023-02-03	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN2082
DAE Calibration Date	DAE4 Sn1715 2023-01-23	TSL Meas. Date	HBBL600-10000V6 2023-Mar-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		85.6
Dist 3dB Peak [mm]		17.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.513	0.518
psSAR10g [W/Kg]	0.335	0.338
Power Drift [dB]	0.01	0.02



2023-08-01 System Performance Check Report D1750V2 - SN1136

Summary

Dipole	D1750V2 - SN1136		
Frequency [MHz]	1750.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	1.3
Power [dBm]	17.0	Iso. Error [%]	-1.9

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	38.5
Conversion Factor	8.64	TSL Conductivity [S/m]	1.33

Hardware Setup

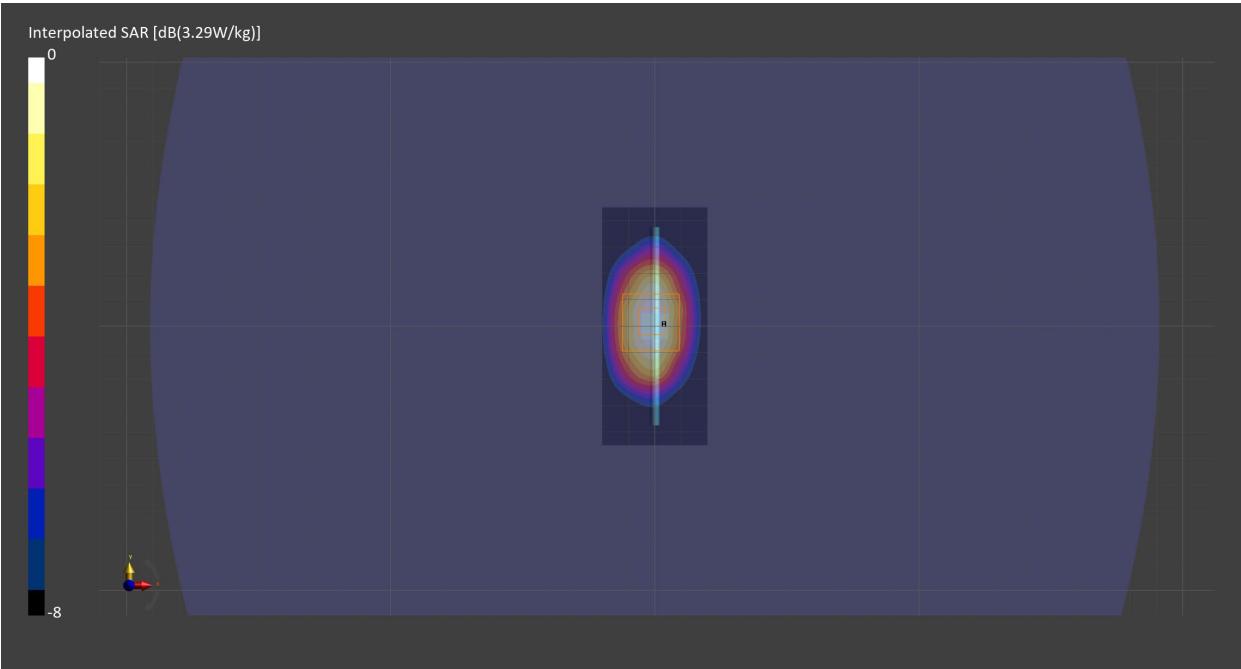
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Aug-01

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		83.8
Dist 3dB Peak [mm]		10.9

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.78	1.79
psSAR10g [W/Kg]	0.957	0.956
Power Drift [dB]	n/a	0.01



2023-08-14 System Performance Check Report D1900V2 - SN5d202

Summary

Dipole	D1900V2 - SN5d202		
Frequency [MHz]	1900.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	8.2
Power [dBm]	17.0	Iso. Error [%]	1.4

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	39.3
Conversion Factor	8.18	TSL Conductivity [S/m]	1.45

Hardware Setup

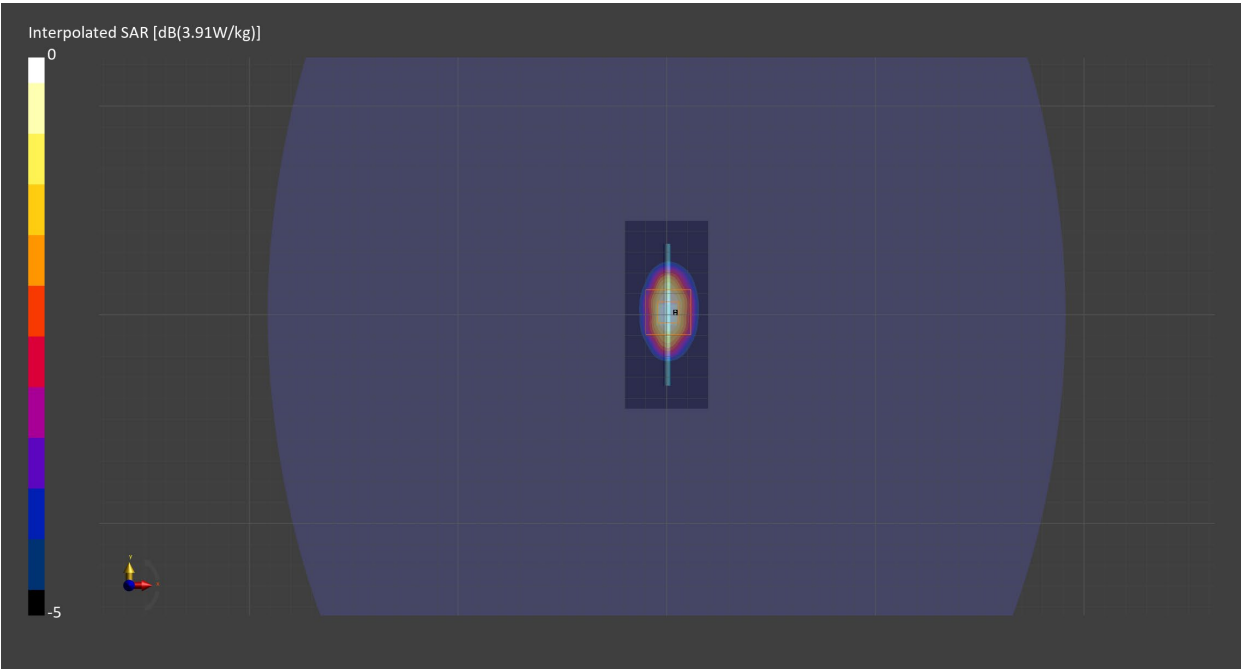
Probe Calibration Date	EX3DV4 - SN7711 2023-03-29	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1716 2023-03-16	TSL Meas. Date	HBBL-600-10000 2023-Aug-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		82.1
Dist 3dB Peak [mm]		9.6

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.07	2.06
psSAR10g [W/Kg]	1.07	1.07
Power Drift [dB]	n/a	0.00



2023-08-22 System Performance Check Report D2450V2 - SN963

Summary

Dipole	D2450V2 - SN963		
Frequency [MHz]	2450.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	-5.1
Power [dBm]	17.0	Iso. Error [%]	2.0

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	37.5
Conversion Factor	8.6	TSL Conductivity [S/m]	1.76

Hardware Setup

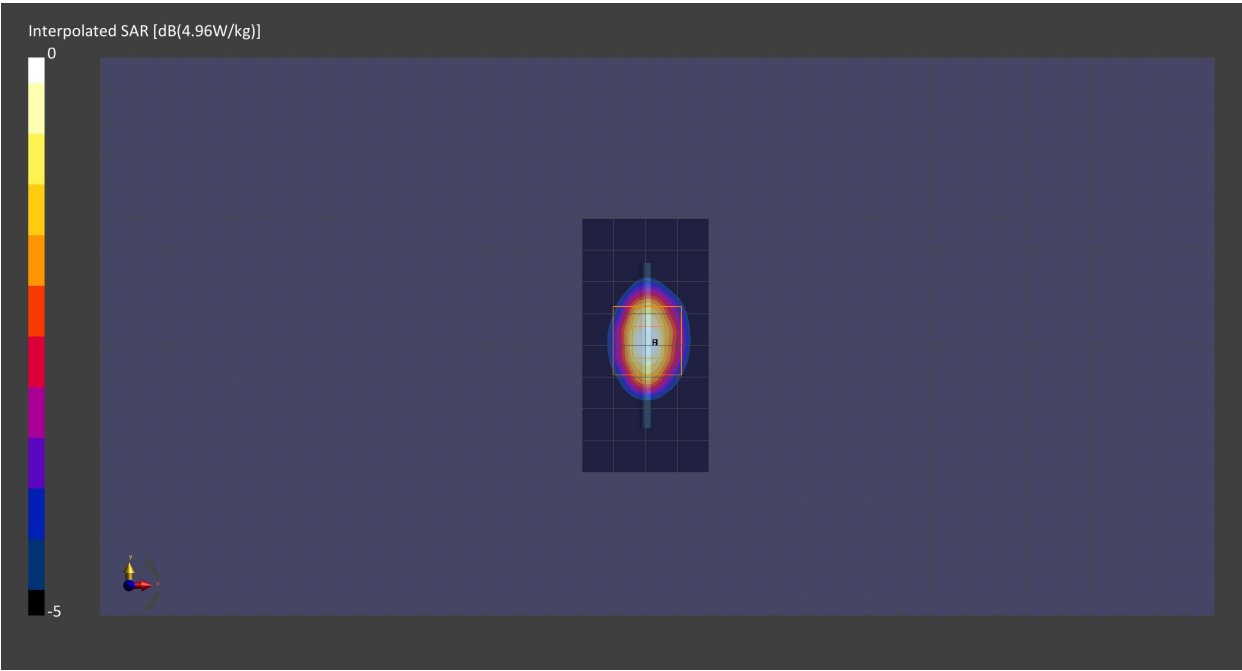
Probe Calibration Date	EX3DV4 - SN7709 2022-12-12	Phantom	ELI V8.0 (20deg probe tilt) - SN2160
DAE Calibration Date	DAE4 Sn1714 2022-11-23	TSL Meas. Date	HBBL-600-10000 2023-Aug-22

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
M2/M1 [%]		80.1
Dist 3dB Peak [mm]		9.0

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.41	2.41
psSAR10g [W/Kg]	1.12	1.13
Power Drift [dB]	n/a	0.00



2023-03-13 System Performance Check Report D1750V2 - SN1136

Summary

Dipole	D1750V2 - SN1136		
Frequency [MHz]	1750.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	7.7
Power [dBm]	17.0	Iso. Error [%]	-1.5

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	41.7
Conversion Factor	8.58	TSL Conductivity [S/m]	1.41

Hardware Setup

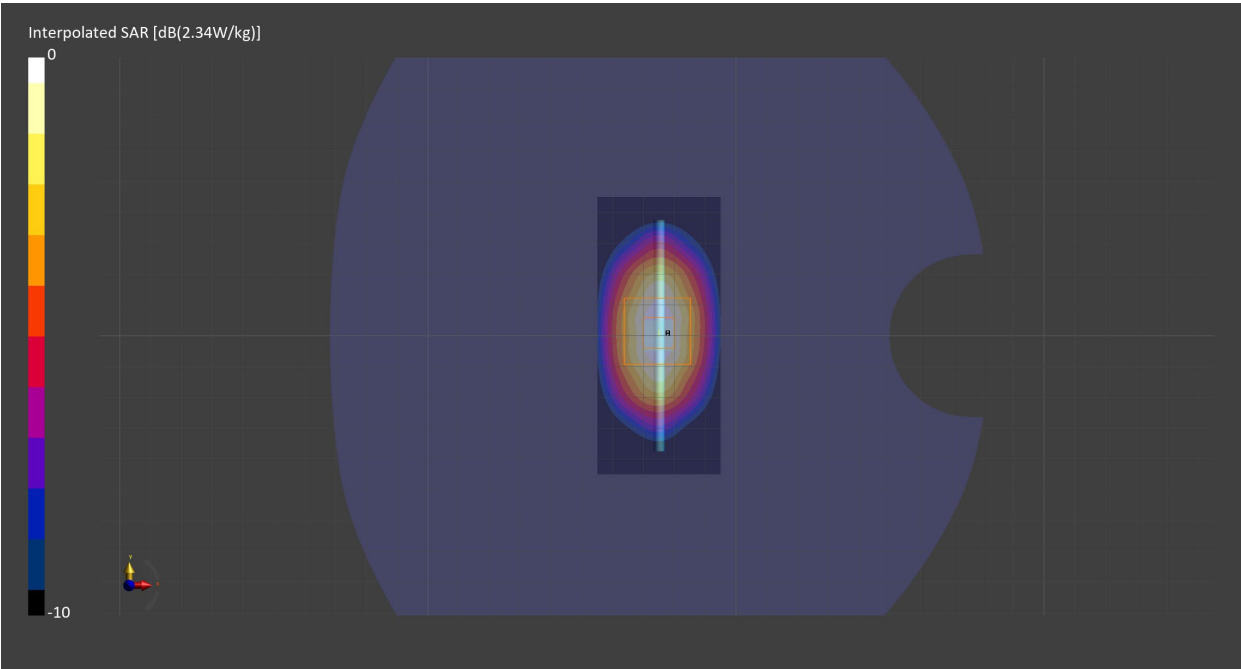
Probe Calibration Date	EX3DV4 - SN7587 2022-04-27	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN1742
DAE Calibration Date	DAE4 Sn1673 2022-09-15	TSL Meas. Date	HBBL-600-10000 2023-Mar-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		82.7
Dist 3dB Peak [mm]		10.3

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.87	1.85
psSAR10g [W/Kg]	0.990	0.982
Power Drift [dB]	0.00	0.01



2023-03-16 System Performance Check Report D1900V2 - SN5d202

Summary

Dipole	D1900V2 - SN5d202		
Frequency [MHz]	1900.0		
Phantom Section TSL	Flat HSL	Dev. Peak [%]	4.3
Power [dBm]	17.0	Iso. Error [%]	-2.9

Exposure Conditions

Dipole Distance [mm]	10	TSL Permittivity	38.5
Conversion Factor	8.26	TSL Conductivity [S/m]	1.43

Hardware Setup

Probe Calibration Date	EX3DV4 - SN7587 2022-04-27	Phantom	Twin-SAM V8.0 (30deg probe tilt) - SN1742
DAE Calibration Date	DAE4 Sn1673 2022-09-15	TSL Meas. Date	HBBL-600-10000 2023-Mar-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
M2/M1 [%]		83.2
Dist 3dB Peak [mm]		9.7

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.01	1.99
psSAR10g [W/Kg]	1.03	1.02
Power Drift [dB]	-0.04	-0.00

