



Appendix A. System Check Plots

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System Performance Check

Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D750(750.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	1044	D750V3

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	FRONT, 15.00	D750	CW, 0--	750.0, 50	9.94	0.882	40.9

Hardware Setup

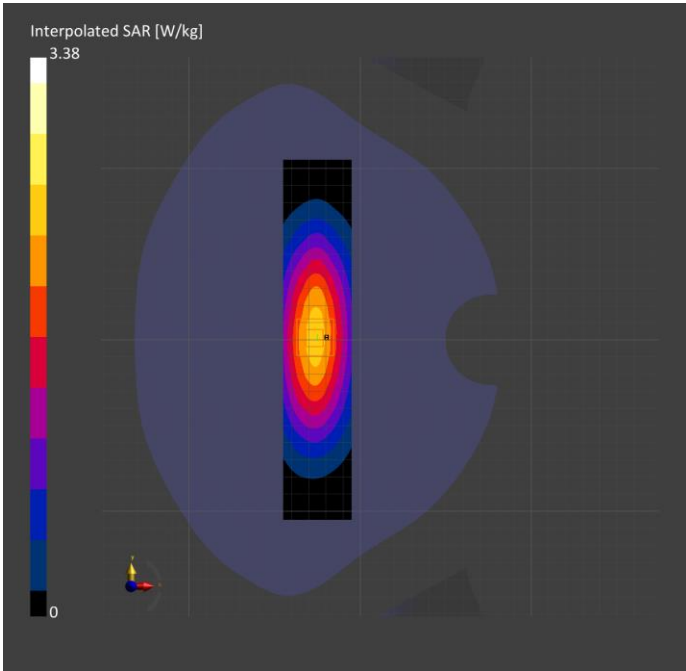
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 210.0	32.0 x 32.0 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	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-13	2022-01-13
psSAR1g [W/kg]	2.15	2.18
psSAR10g [W/kg]	1.43	1.44
Power Drift [dB]	-0.04	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		86.7
Dist 3dB Peak [mm]		16.8



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D750 (750.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	1044	D750V3

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	FRONT, 15.00	D750	CW, 0--	750.0, 50	9.94	0.899	41.5

Hardware Setup

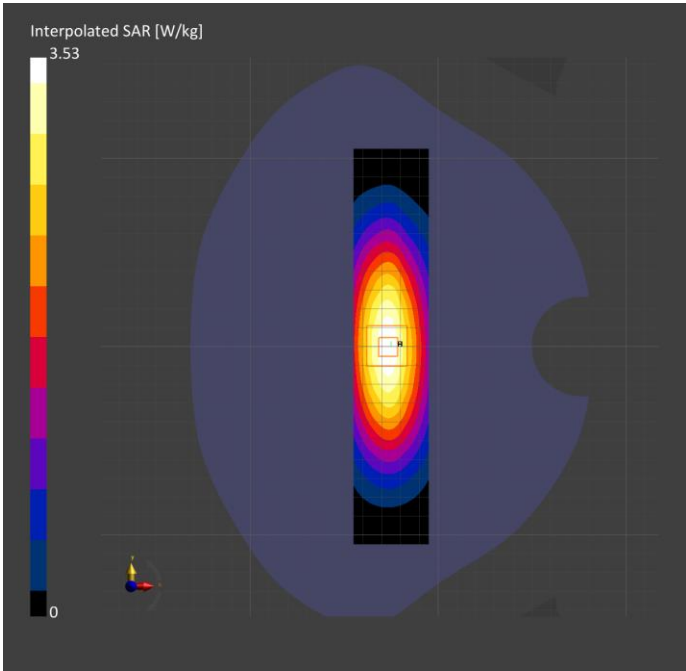
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 210.0	32.0 x 32.0 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	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-28	2022-01-28
psSAR1g [W/kg]	2.29	2.28
psSAR10g [W/kg]	1.52	1.52
Power Drift [dB]	-0.14	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		86.6
Dist 3dB Peak [mm]		18.0



Place of Testing: HUAWEI SAR/HAC Lab
Measurement Report for Dipole, FRONT, D835(835.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	4d126	D835V2

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	FRONT, 15.00	D835	CW, 0--	835.0, 50	9.54	0.914	40.7

Hardware Setup

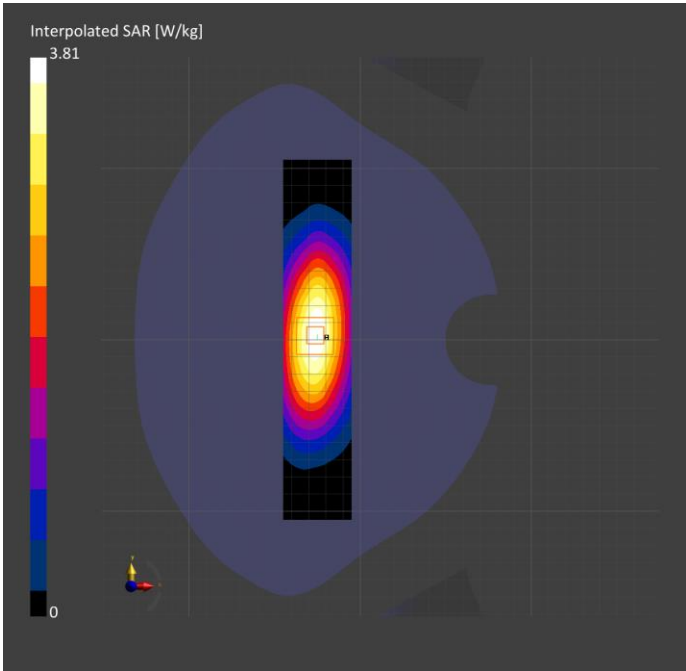
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 210.0	32.0 x 32.0 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	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-17	2022-01-17
psSAR1g [W/kg]	2.45	2.49
psSAR10g [W/kg]	1.61	1.64
Power Drift [dB]	-0.03	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		87.2
Dist 3dB Peak [mm]		15.6



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D835 (835.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	4d126	D835V3

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	FRONT, 15.00	D835	CW, 0--	835.0, 50	9.54	0.929	41.2

Hardware Setup

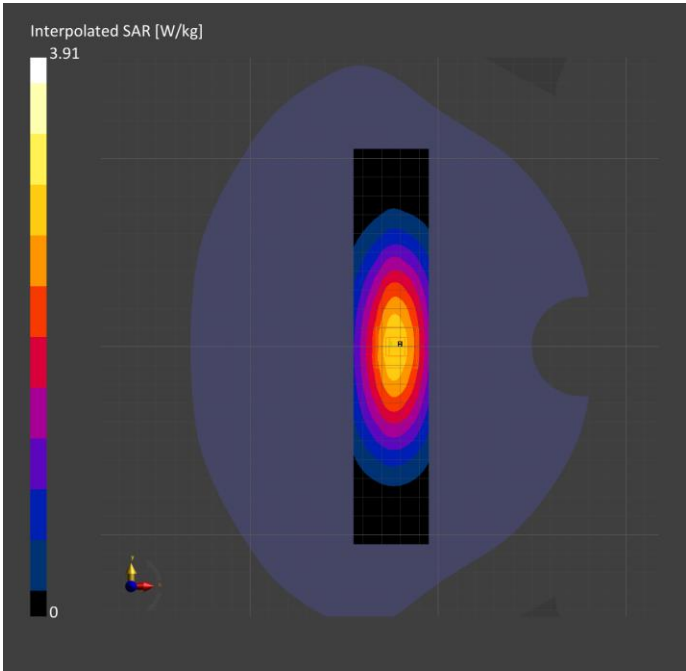
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1940	EX3DV4 - SN7505, 2021-04-28	DAE4 Sn1554, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 210.0	32.0 x 32.0 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	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-29	2022-01-29
psSAR1g [W/kg]	2.53	2.56
psSAR10g [W/kg]	1.66	1.69
Power Drift [dB]	-0.02	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		87.2
Dist 3dB Peak [mm]		15.6



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D1750 (1750.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	1123	D1750V2

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	FRONT, 10.00	D1750	CW, 0--	1750.0, 50	8.04	1.369	39.4

Hardware Setup

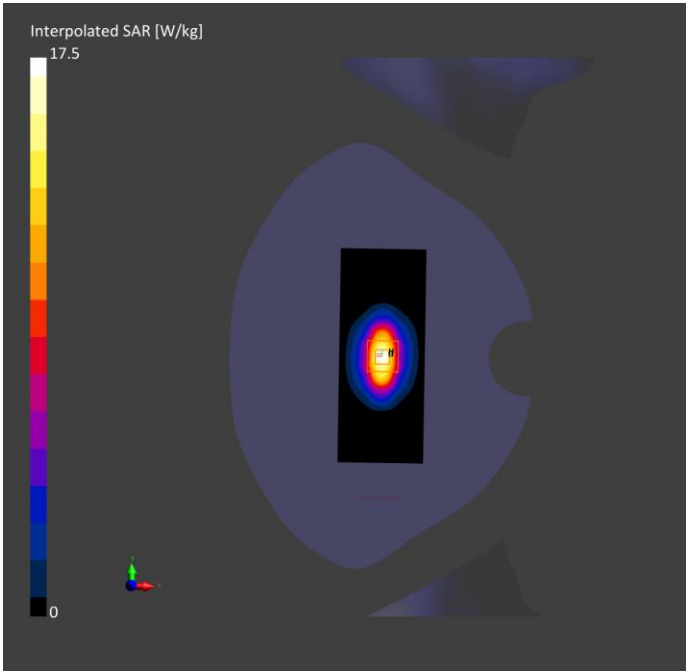
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-16	2022-01-16
psSAR1g [W/kg]	8.33	8.65
psSAR10g [W/kg]	4.49	4.56
Power Drift [dB]	-0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		10.8



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Device, FRONT, D1750 (1750.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	1123	D1750V2

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	FRONT, 10.00	D1750	CW, 0--	1750.0, 50	8.04	1.369	39.5

Hardware Setup

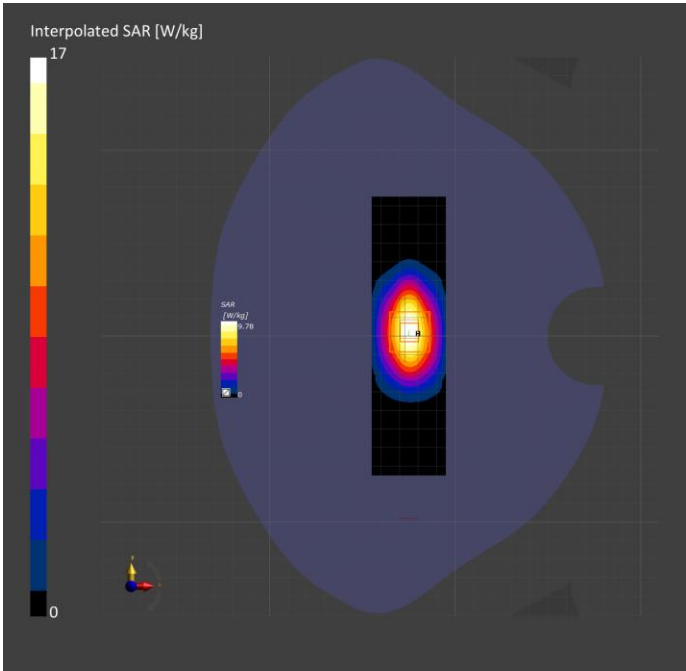
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 150.0	32.0 x 32.0 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	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-28	2022-01-28
psSAR1g [W/kg]	9.01	8.92
psSAR10g [W/kg]	4.80	4.71
Power Drift [dB]	0.01	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.9
Dist 3dB Peak [mm]		10.8



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D1900(1900.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	5d143	D1900V2

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	FRONT, 10.00	D1900	CW, 0--	1900.0, 50	7.83	1.456	39.2

Hardware Setup

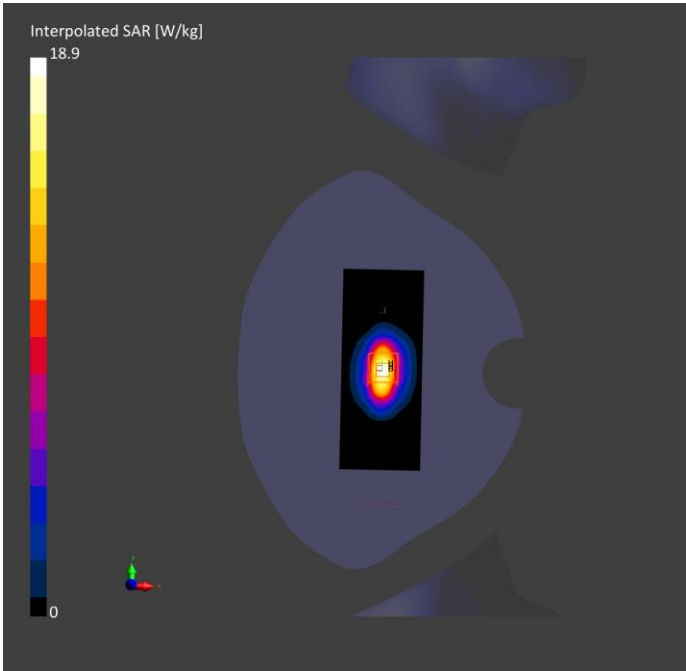
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-18	2022-01-18
psSAR1g [W/kg]	9.40	9.85
psSAR10g [W/kg]	4.94	5.05
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.7
Dist 3dB Peak [mm]		9.9



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Device, FRONT, D1900 (1900.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	5d143	D1900V2

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	FRONT, 10.00	D1900	CW, 0--	1900.0, 50	7.83	1.438	39.3

Hardware Setup

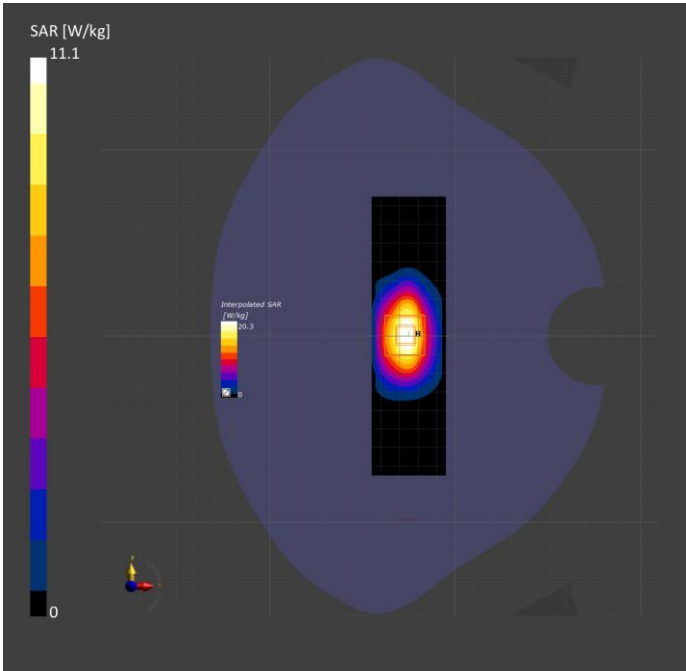
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 150.0	32.0 x 32.0 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	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-28	2022-01-28
psSAR1g [W/kg]	10.3	10.3
psSAR10g [W/kg]	5.35	5.29
Power Drift [dB]	0.00	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		9.6



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D2450, UID 0 -, Channel 50 (2450.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	860	D2450V2

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	FRONT, 10.00	D2450	CW, 0--	2450.0, 50	7.23	1.851	38.4

Hardware Setup

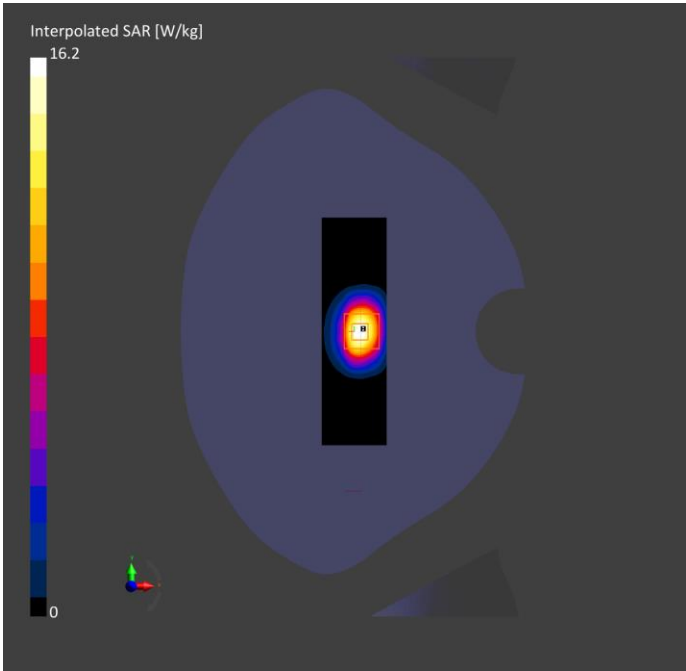
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-20	2022-01-20
psSAR1g [W/kg]	12.0	12.8
psSAR10g [W/kg]	5.69	5.87
Power Drift [dB]	-0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.2
Dist 3dB Peak [mm]		9.0



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D2450 (2450.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	860	D2450V2

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	FRONT, 10.00	D2450	CW, 0--	2450.0, 50	7.23	1.795	38.5

Hardware Setup

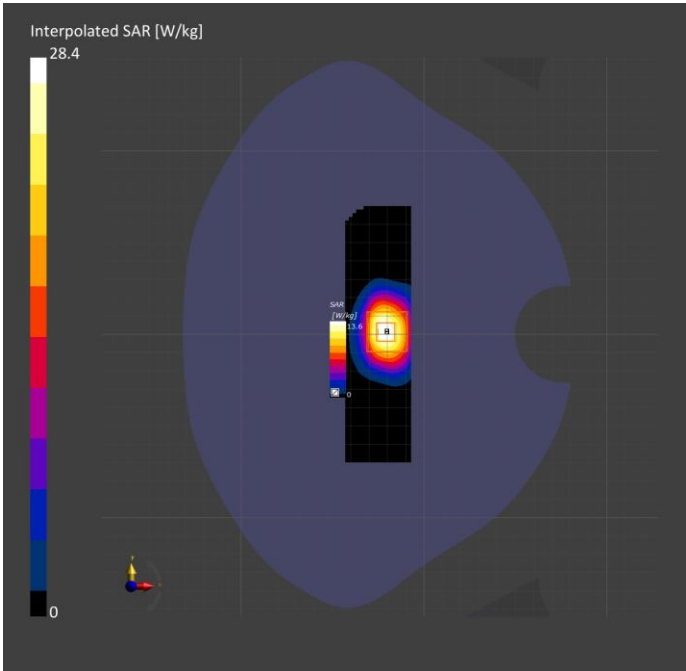
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 144.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-28	2022-01-28
psSAR1g [W/kg]	12.6	13.0
psSAR10g [W/kg]	6.11	5.99
Power Drift [dB]	0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.1
Dist 3dB Peak [mm]		9.0



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Dipole, FRONT, D2600(2600.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	1032	D2600V2

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	FRONT, 10.00	D2600	CW, 0--	2600.0, 50	6.94	1.975	38.1

Hardware Setup

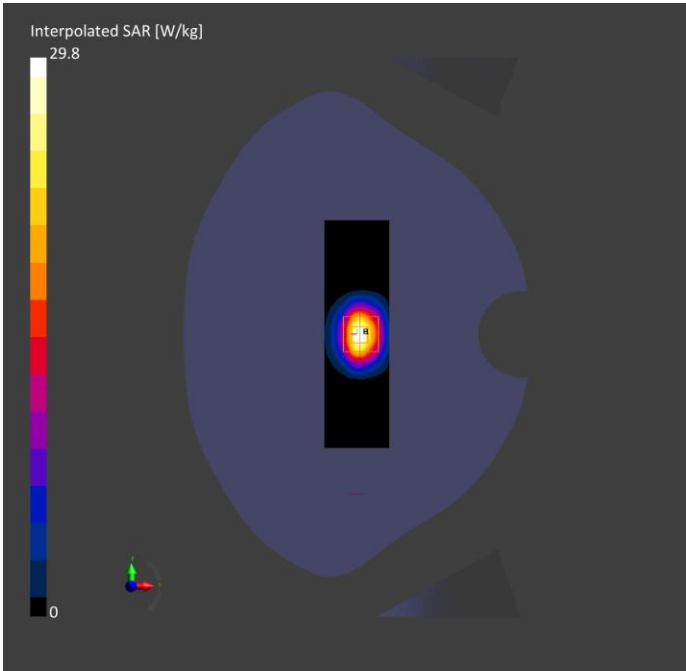
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-19	2022-01-19
psSAR1g [W/kg]	12.7	13.3
psSAR10g [W/kg]	5.79	5.94
Power Drift [dB]	-0.00	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		8.9



Place of Testing: HUAWEI SAR/HAC Lab

Measurement Report for Device, FRONT, D2600 (2600.0MHz)

Device under Test Properties

Model	Serial Number	DUT Type
Dipole	1032	D2600V2

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	FRONT, 10.00	D2600	CW, 0--	2600.0, 50	6.94	1.907	38.2

Hardware Setup

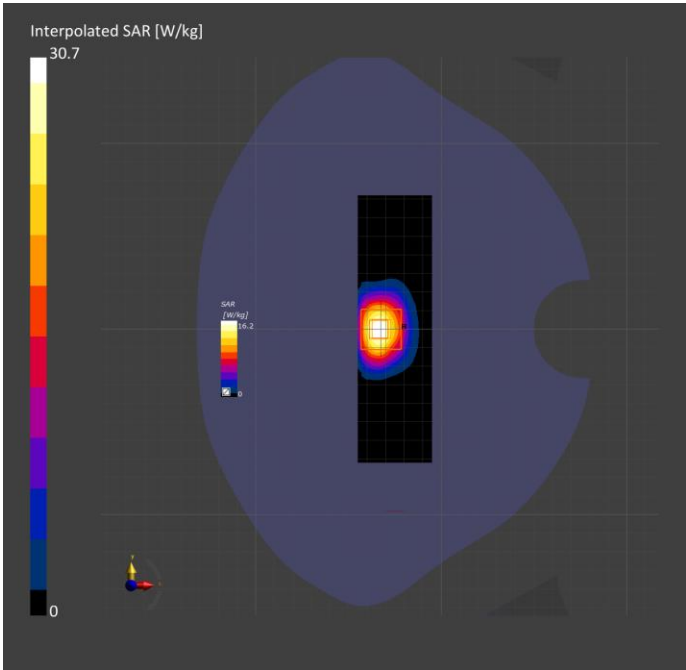
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 1892	EX3DV4 - SN3736, 2021-03-03	DAE4 Sn852, 2021-04-26

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 144.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-01-29	2022-01-29
psSAR1g [W/kg]	14.1	13.8
psSAR10g [W/kg]	6.52	6.14
Power Drift [dB]	-0.16	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		77.8
Dist 3dB Peak [mm]		9.0



System Validation

Per FCC KDB 865664 D02, SAR system verification is required to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles are used with the required tissue-equivalent media for system validation, according to the procedures outlined in FCC KDB 865664 D01 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point must be validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

a tabulated summary of the system validation status, measurement frequencies, SAR probes, calibrated signal type(s) and tissue dielectric parameters has been included.

FREQ.	DATE	PROBE SN	PROBE TYPE	PROBE CAL POINT		PERM	COND	CW VALIDATION			MOD.VALIDATION		
[Mhz]						(ϵ_r)	(σ)	SENSI- TIVITY	PROBE LINARITY	PROBE ISOTROPY	MOD. TYPE	DUTY. FACTORE	PAR
750	2021-06-03	7505	EX3DV4	750	Head	43.46	0.908	PASS	PASS	PASS	N/A	N/A	N/A
835	2021-06-03	7505	EX3DV4	850	Head	41.87	0.910	PASS	PASS	PASS	GMSK	PASS	N/A
900	2021-06-03	7505	EX3DV4	850	Head	41.66	0.934	PASS	PASS	PASS	NA	NA	N/A
1750	2021-06-03	7505	EX3DV4	1750	Head	39.75	1.368	PASS	PASS	PASS	NA	NA	N/A
1900	2021-06-03	7505	EX3DV4	1900	Head	39.44	1.462	PASS	PASS	PASS	GMSK	PASS	N/A
2000	2021-06-03	7505	EX3DV4	2000	Head	39.35	1.449	PASS	PASS	PASS	N/A	N/A	N/A
2300	2021-06-03	7505	EX3DV4	2300	Head	39.03	1.604	PASS	PASS	PASS	TDD	PASS	N/A
2450	2021-06-03	7505	EX3DV4	2450	Head	40.49	1.846	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
2600	2021-06-03	7505	EX3DV4	2600	Head	38.35	1.987	PASS	PASS	PASS	TDD	PASS	N/A
3300	2021-06-03	7505	EX3DV4	3300	Head	38.83	2.693	PASS	PASS	PASS	TDD	PASS	N/A
3500	2021-06-03	7505	EX3DV4	3500	Head	38.38	2.864	PASS	PASS	PASS	TDD	PASS	N/A
3700	2021-06-03	7505	EX3DV4	3700	Head	38.01	3.041	PASS	PASS	PASS	TDD	PASS	N/A
3900	2021-06-03	7505	EX3DV4	3900	Head	37.68	3.234	PASS	PASS	PASS	TDD	PASS	N/A
4100	2021-06-03	7505	EX3DV4	4100	Head	37.27	3.417	PASS	PASS	PASS	TDD	PASS	N/A
4500	2021-06-03	7505	EX3DV4	4400	Head	36.51	3.814	PASS	PASS	PASS	TDD	PASS	N/A
4700	2021-06-03	7505	EX3DV4	4600	Head	36.10	4.005	PASS	PASS	PASS	TDD	PASS	N/A
4900	2021-06-03	7505	EX3DV4	4950	Head	35.72	4.203	PASS	PASS	PASS	TDD	PASS	N/A
5250	2021-06-03	7505	EX3DV4	5250	Head	35.01	4.567	PASS	PASS	PASS	OFDM/TDD	PASS	N/A
5600	2021-06-03	7505	EX3DV4	5600	Head	34.14	4.930	PASS	PASS	PASS	OFDM/TDD	PASS	N/A
5750	2021-06-03	7505	EX3DV4	5750	Head	33.99	5.074	PASS	PASS	PASS	OFDM/TDD	PASS	N/A

FREQ.	DATE	PROBE SN	PROBE TYPE	PROBE CAL POINT		PERM	COND	CW VALIDATION			MOD.VALIDATION		
[Mhz]						(ϵ_r)	(σ)	SENSI- TIVITY	PROBE LINARITY	PROBE ISOTROPY	MOD. TYPE	DUTY. FACTORE	PAR
750	2021-3-30	3736	EX3DV4	750	Head	41.20	0.911	PASS	PASS	PASS	N/A	N/A	N/A
835	2021-3-30	3736	EX3DV4	850	Head	40.86	0.943	PASS	PASS	PASS	GMSK	PASS	N/A
900	2021-3-30	3736	EX3DV4	850	Head	40.62	0.968	PASS	PASS	PASS	NA	NA	N/A
1750	2021-3-30	3736	EX3DV4	1750	Head	38.47	1.363	PASS	PASS	PASS	NA	NA	N/A
1900	2021-3-30	3736	EX3DV4	1900	Head	38.20	1.451	PASS	PASS	PASS	GMSK	PASS	N/A
2000	2021-3-31	3736	EX3DV4	2000	Head	39.50	1.446	PASS	PASS	PASS	N/A	N/A	N/A
2300	2021-3-31	3736	EX3DV4	2300	Head	39.18	1.600	PASS	PASS	PASS	TDD	PASS	N/A
2450	2021-3-30	3736	EX3DV4	2450	Head	37.27	1.798	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
2600	2021-3-31	3736	EX3DV4	2600	Head	38.80	1.874	PASS	PASS	PASS	TDD	PASS	N/A
3300	2021-4-2	3736	EX3DV4	3300	Head	37.80	2.660	PASS	PASS	PASS	TDD	PASS	N/A
3500	2021-4-2	3736	EX3DV4	3500	Head	37.42	2.831	PASS	PASS	PASS	TDD	PASS	N/A
3700	2021-4-2	3736	EX3DV4	3700	Head	37.07	3.006	PASS	PASS	PASS	TDD	PASS	N/A
3900	2021-4-2	3736	EX3DV4	3900	Head	36.72	3.185	PASS	PASS	PASS	TDD	PASS	N/A
4100	2021-4-2	3736	EX3DV4	4100	Head	36.40	3.375	PASS	PASS	PASS	TDD	PASS	N/A
4500	2021-4-2	3736	EX3DV4	4400	Head	35.70	3.770	PASS	PASS	PASS	TDD	PASS	N/A
4700	2021-4-2	3736	EX3DV4	4600	Head	35.33	3.973	PASS	PASS	PASS	TDD	PASS	N/A
4900	2021-4-2	3736	EX3DV4	4950	Head	34.98	4.177	PASS	PASS	PASS	TDD	PASS	N/A
5250	2021-4-2	3736	EX3DV4	5250	Head	34.53	4.531	PASS	PASS	PASS	OFDM/TDD	PASS	N/A
5600	2021-4-2	3736	EX3DV4	5600	Head	33.94	4.879	PASS	PASS	PASS	OFDM/TDD	PASS	N/A
5750	2021-4-2	3736	EX3DV4	5750	Head	33.68	5.033	PASS	PASS	PASS	OFDM/TDD	PASS	N/A

Table of SAR System validation summary:

NOTE: While the probes have been calibrated for both CW and modulated signals, all measurements were performed using communication systems calibrated for CW signals only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664D01 for scenarios when CW probe calibrations are used with other signal types. SAR systems were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio ($>5\text{dB}$), such as OFDM according to KDB 865664.