

System check

6500MHz

Measurement Report for Device, FRONT, Validation band, CW, Channel 6500 (6500.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	6.0 x 16.0 x 300.0		dipole

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, 5.00	Validation band	CW, 0--	6500.0, 6500	5.57	6.08	34.0

Hardware Setup

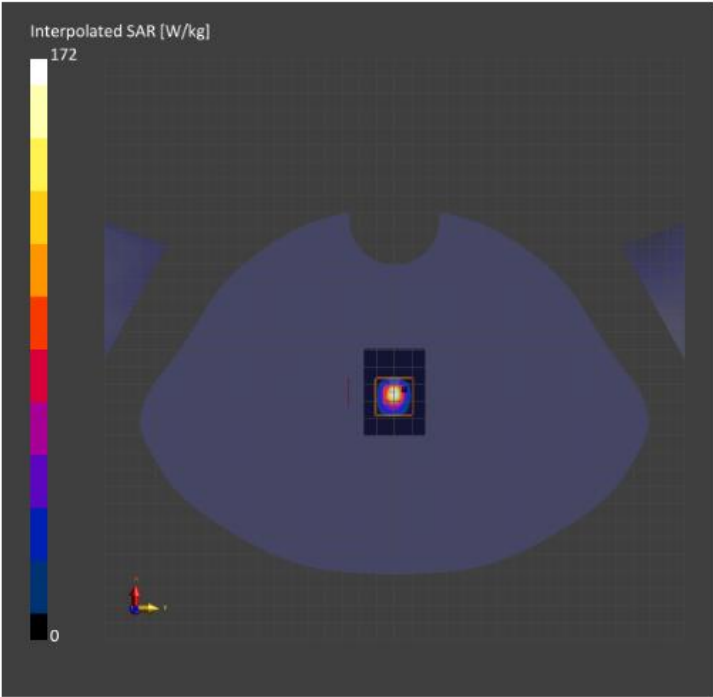
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - 1559	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN3708, 2023-10-30	DAE4 Sn546, 2023-9-15

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 36.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 6.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-10	2024-04-10
psSAR1g [W/Kg]	24.1	27.0
psSAR10g [W/Kg]	4.94	5.09
Power Drift [dB]	0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.7
Dist 3dB Peak [mm]		4.4



Wi-Fi6E

Body

Back

Measurement Report for Device, BACK, U-NII-5, IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle), Channel 45 (6175.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	171.0 x 83.0 x 10.0		Phone

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, 5.00	U-NII-5	WLAN, 10683-AAC	6175.0, 45	5.65	5.77	34.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1559	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN3708, 2023-10-30	DAE4 Sn546, 2023-09-15

Scans 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
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-10 16:29	2024-04-10, 16:54
psSAR1g [W/Kg]	0.040	0.026
psSAR10g [W/Kg]	0.015	0.008
Power Drift [dB]	1.60	4.65
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.1
Dist 3dB Peak [mm]		> 11.0

Interpolated SAR [W/kg]

7.59

0

Wi-Fi6E

Body

Back

Measurement Report for Device, BACK, U-NII-6, IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle), Channel 105 (6475.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	171.0 x 83.0 x 10.0		Phone

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, 5.00	U-NII-6	WLAN, 10683-AAC	6475.0, 105	5.65	6.08	34.0

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1559	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN3708, 2023-10-30	DAE4 Sn546, 2023-09-15

Scans 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
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-10, 09:57	2024-04-10, 10:38
psSAR1g [W/Kg]	0.005	0.022
psSAR10g [W/Kg]	0	0.011
Power Drift [dB]	15.32	n/a
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.0
Dist 3dB Peak [mm]		> 11.0

SAR [W/kg]

0.1

0

Wi-Fi6E

Body

Back

Measurement Report for Device, BACK, U-NII-7, IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle), Channel 149 (6695.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	171.0 x 83.0 x 10.0		Phone

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, 5.00	U-NII-7	WLAN, 10683-AAC	6695.0, 149	5.65	6.39	33.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1559	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN3708, 2023-10-30	DAE4 Sn546, 2023-09-15

Scans Setup

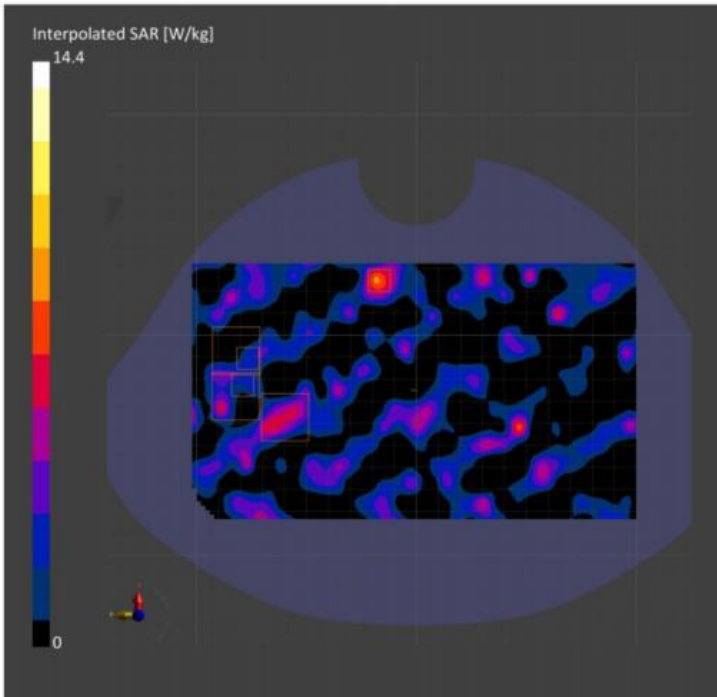
	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-10, 11:27	2024-04-10, 11:55
psSAR1g [W/Kg]	0.016	0.004
psSAR10g [W/Kg]	0.005	0.002
Power Drift [dB]	-1.49	n/a
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		72.0
Dist 3dB Peak [mm]		> 11.0

Interpolated SAR [W/kg]

14.4



0

Wi-Fi6E

Head

Back

Measurement Report for Device, BACK, U-NII-8, IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle), Channel 209 (6995.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	171.0 x 83.0 x 10.0		Phone

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, 5.00	U-NII-8	WLAN, 10683-AAC	6995.0, 209	5.65	6.69	33.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 (30deg probe tilt) - 1559	HBBL-600-10000 Charge:xxxx, --	EX3DV4 - SN3708, 2023-10-30	DAE4 Sn546, 2023-09-15

Scans 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
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-10, 13:23	2024-04-10, 14:20
psSAR1g [W/Kg]	0.015	0.009
psSAR10g [W/Kg]	0.006	0.004
Power Drift [dB]	n/a	-3.52
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		13.7
Dist 3dB Peak [mm]		> 11.0

Interpolated SAR [W/kg]

7.4

0