

D5GHzV2 – SN:1020

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
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S Swiss Calibration Service

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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client **UL Japan Head Office**
Mie, Japan

Certificate No. **D5GHzV2-1020_Nov24**

CALIBRATION CERTIFICATE

Object **D5GHzV2 - SN: 1020**

Calibration procedure(s) **QA CAL-22.v7**
Calibration Procedure for SAR Validation Sources between 3 - 10 GHz

Calibration date **November 13, 2024**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Cal
Power Sensor R&S NRP-33T	SN: 100967	28-Mar-24 (No. 217-04038)	Mar-25
Power Sensor R&S NRP18A	SN: 101859	22-Jul-24 (No. 4030A315008547)	Jul-25
Spectrum Analyzer R&S FSV40	SN: 101832	25-Jan-24 (No. 4030-315007551)	Jan-25
Mismatch; Short [S4188] Attenuator [S4423]	SN: 1152	28-Mar-24 (No. 217-04050)	Mar-25
OCP DAK-12	SN: 1016	24-Sep-24 (No. OCP-DAK12-1016_Sep24)	Sep-25
OCP DAK-3.5	SN: 1249	23-Sep-24 (No. OCP-DAK3.5-1249_Sep24)	Sep-25
Reference Probe EX3DV4	SN: 3503	07-Mar-24 (No. EX3-3503_Mar24)	Mar-25
Reference Probe EX3DV4	SN: 7349	03-Jun-24 (No. EX3-7349_Jun24)	Jun-25
DAE4ip	SN: 1836	28-Oct-24 (No. DAE4ip-1836_Oct24)	Oct-25

Secondary Standards	ID	Check Date (in house)	Scheduled Check
ACAD Source Box	SN: 1000	28-May-24 (No. 675-ACAD_Source_Box-240528)	May-25
Signal Generator R&S SMB100A	SN: 182081	28-May-24 (No. 675-CAL16-S4588-240528)	May-25
Mismatch; SMA	SN: 1102	22-May-24 (No. 675-Mismatch_SMA-240522)	May-25

	Name	Function	Signature
Calibrated by	Paulo Pina	Laboratory Technician	
Approved by	Sven Kühn	Technical Manager	
Issued: November 14, 2024			
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			

Certificate No: D5GHzV2-1020_Nov24

Page 1 of 19

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Glossary

TSL tissue simulating liquid
ConvF sensitivity in TSL / NORM x,y,z
N/A not applicable or not measured

Calibration is Performed According to the Following Standards

- IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation

- DASY System Handbook

Methods Applied and Interpretation of Parameters

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

D5GHzV2 - SN: 1020

November 13, 2024

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY8 Module SAR	16.4.0
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with spacer
Zoom Scan Resolution	dx, dy = 4mm, dz = 1.4mm	Graded Ratio = 1.4 mm (Z direction)
Frequency	5250MHz ±1MHz 5600MHz ±1MHz 5800MHz ±1MHz 5850MHz ±1MHz	

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ±0.2)°C	35.8 ±6%	4.58 mho/m ±6%
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	8.01 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.1 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.29 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.9 W/kg ±19.5% (k = 2)

D5GHzV2 - SN: 1020

November 13, 2024

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ±0.2)°C	35.2 ±6%	4.96 mho/m ±6%
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	8.32 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	83.2 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.39 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.9 W/kg ±19.5% (k = 2)

Head TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.3	5.27 mho/m
Measured Head TSL parameters	(22.0 ±0.2)°C	34.9 ±6%	5.17 mho/m ±6%
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5800 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	8.25 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	82.5 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.35 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.5 W/kg ±19.5% (k = 2)

D5GHzV2 - SN: 1020

November 13, 2024

Head TSL parameters at 5850 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.2	5.32 mho/m
Measured Head TSL parameters	(22.0 ±0.2)°C	34.9 ±6%	5.21 mho/m ±6%
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5850 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	8.00 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.0 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR for nominal Head TSL parameters	20 dBm input power	2.28 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.8 W/kg ±19.5% (k = 2)

Body TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.9	5.36 mho/m
Measured Body TSL parameters	(22.0 ±0.2)°C	48.3 ±6%	5.36 mho/m ±6%
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL at 5250 MHz

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	7.21 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	72.1 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	2.00 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	20.0 W/kg ±19.5% (k = 2)

D5GHzV2 - SN: 1020

November 13, 2024

Body TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.5	5.77 mho/m
Measured Body TSL parameters	(22.0 ±0.2)°C	47.5 ±6%	5.87 mho/m ±6%
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	7.40 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	74.0 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	2.06 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	20.6 W/kg ±19.5% (k = 2)

Body TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.2	6.00 mho/m
Measured Body TSL parameters	(22.0 ±0.2)°C	47.2 ±6%	6.16 mho/m ±6%
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL at 5800 MHz

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	7.09 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	70.9 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	1.96 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	19.6 W/kg ±19.5% (k = 2)

D5GHzV2 - SN: 1020

November 13, 2024

Body TSL parameters at 5850 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	48.1	6.06 mho/m
Measured Body TSL parameters	(22.0 ±0.2)°C	47.1 ±6%	6.23 mho/m ±6%
Body TSL temperature change during test	< 0.5 °C		

SAR result with Body TSL at 5850 MHz

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	7.27 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	72.7 W/kg ±19.9% (k = 2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	Condition	
SAR for nominal Body TSL parameters	20 dBm input power	2.01 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	20.1 W/kg ±19.5% (k = 2)

D5GHzV2 - SN: 1020

November 13, 2024

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance	51.0 Ω – 5.6 j Ω
Return Loss	-25.1 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance	56.5 Ω – 2.3 j Ω
Return Loss	-23.7 dB

Antenna Parameters with Head TSL at 5800 MHz

Impedance	57.0 Ω + 0.6 j Ω
Return Loss	-23.6 dB

Antenna Parameters with Head TSL at 5850 MHz

Impedance	57.0 Ω – 1.3 j Ω
Return Loss	-23.5 dB

Antenna Parameters with Body TSL at 5250 MHz

Impedance	48.1 Ω – 7.4 j Ω
Return Loss	-22.2 dB

Antenna Parameters with Body TSL at 5600 MHz

Impedance	54.4 Ω – 6.3 j Ω
Return Loss	-22.7 dB

Antenna Parameters with Body TSL at 5800 MHz

Impedance	55.7 Ω – 5.6 j Ω
Return Loss	-22.5 dB

Antenna Parameters with Body TSL at 5850 MHz

Impedance	54.6 Ω – 8.0 j Ω
Return Loss	-21.1 dB

D5GHzV2 - SN: 1020

November 13, 2024

General Antenna Parameters and Design

Electrical Delay (one direction)	1.201 ns
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After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured. The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
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D5GHzV2 - SN: 1020

November 13, 2024

System Performance Check Report

Summary								
Dipole	Frequency [MHz]			TSL	Power [dBm]			
D5GHzV2 – SN1020	5250			HSL	20			
Exposure Conditions								
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity	
Flat	10		CW, 0==	5250, 0	5.39	4.58	35.8	
Hardware Setup								
Phantom	TSL, Measured Date		Probe, Calibration Date		DAE, Calibration Date			
MFP V8.0 Left	HSL, 2024-11-08		EX3DV4 – SN7349, 2024-06-03		DAE4ip Sn1836, 2024-10-28			
Scans Setup				Measurement Results				
Zoom Scan				Zoom Scan				
Grid Extents [mm]		22 x 22 x 22			Date		2024-11-08	
Grid Steps [mm]		4.0 x 4.0 x 1.4			pSAR1 g [W/Kg]		8.01	
Sensor Surface [mm]		1.4			pSAR10 g [W/Kg]		2.29	
Graded Grid		Yes			Power Drift [dB]		0.05	
Grading Ratio		1.4			Power Scaling		Disabled	
MAIA		N/A			Scaling Factor [dB]			
Surface Detection		All points			TSL Correction		Positive / Negative	
Scan Method		Measured						



D5GHzV2 - SN: 1020

November 13, 2024

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1020	5600	HSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0==	5600, 0	4.93	4.96	35.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Left	HSL, 2024-11-08	EX3DV4 - SN7349, 2024-06-03	DAE4ip Sn1836, 2024-10-28

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.4
MAIA	N/A
Surface Detection	All points
Scan Method	Measured

Measurement Results

	Zoom Scan
Date	2024-11-08
pSAR1g [W/Kg]	8.32
pSAR10g [W/Kg]	2.39
Power Drift [dB]	-0.05
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



D5GHzV2 - SN: 1020

November 13, 2024

System Performance Check Report

Summary			
Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1020	5800	IISL	20

Exposure Conditions							
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10	CW, 0--		5800, 0	4.94	5.17	34.9

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V6.0 Left	IISL, 2024-11-08	EX3DV4 - SN7349, 2024-06-03	DAE4ip Sn1836, 2024-10-28

Scans Setup		Measurement Results	
	Zoom Scan		Zoom Scan
Grid Extents [mm]	22 x 22 x 22	Date	2024-11-08
Grid Steps [mm]	4.0 x 4.0 x 1.4	psSAR1g [W/Kg]	8.25
Sensor Surface [mm]	1.4	psSAR10g [W/Kg]	2.35
Graded Grid	Yes	Power Drift [dB]	-0.02
Grading Ratio	1.4	Power Scaling	Disabled
MAIA	N/A	Scaling Factor [dB]	
Surface Detection	All points	TSL Correction	Positive / Negative
Scan Method	Measured		

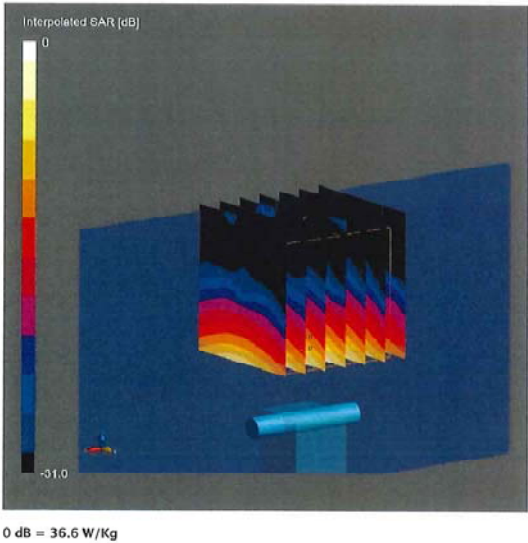


D5GHzV2 - SN: 1020

November 13, 2024

System Performance Check Report

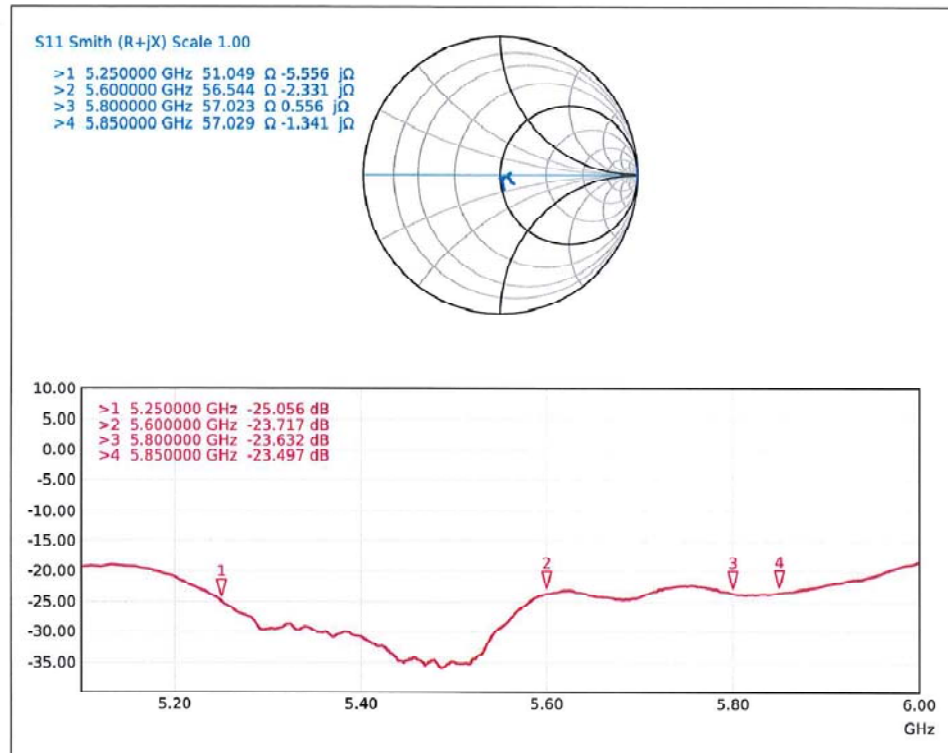
Summary								
Dipole	Frequency [MHz]			TSL	Power [dBm]			
D5CHaV2 - SN1020	5850			HSL	20			
Exposure Conditions								
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number		Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0--	5850, 0		4.96	5.21	34.9
Hardware Setup								
Phantom	TSL, Measured Date		Probe, Calibration Date			DAE, Calibration Date		
MFP V8.0 Left	HSL, 2024-11-08		CX3DV4 - SN7349, 2024-06-03			DAE4ip Sn1836, 2024-10-28		
Scans Setup				Measurement Results				
Zoom Scan				Zoom Scan				
Grid Extents [mm]		22 x 22 x 22						
Grid Steps [mm]		4.0 X 4.0 X 1.4						
Sensor Surface [mm]		1.4						
Graded Grid		Yes						
Grading Ratio		1.4						
MAIA		N/A						
Surface Detection		All points						
Scan Method		Measured						
Date		2024-11-08						
psSAR1g [W/Kg]		8.00						
psSAR10g [W/Kg]		2.28						
Power Drift [dB]		0.09						
Power Scaling		Disabled						
Scaling Factor [dB]								
TSL Correction		Positive / Negative						



D5GHzV2 - SN: 1020

November 13, 2024

Impedance Measurement Plot for Head TSL



D5GHzV2 - SN: 1020

November 13, 2024

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1020	5250	MSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10		CW, 0--	5250, 0	5.15	5.36	48.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V6.0 Right	MSL, 2024-11-13	EX3DV4 - SN3503, 2024-03-07	DAE4IP SN1836, 2024-10-28

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.4
MAIA	N/A
Surface Detection	VMS + 6p
Scan Method	Measured

Measurement Results

	Zoom Scan
Date	2024-11-13
psSAR1g [W/Kg]	7.21
psSAR10g [W/Kg]	2.00
Power Drift [dB]	-0.01
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



D5GHzV2 - SN: 1020

November 13, 2024

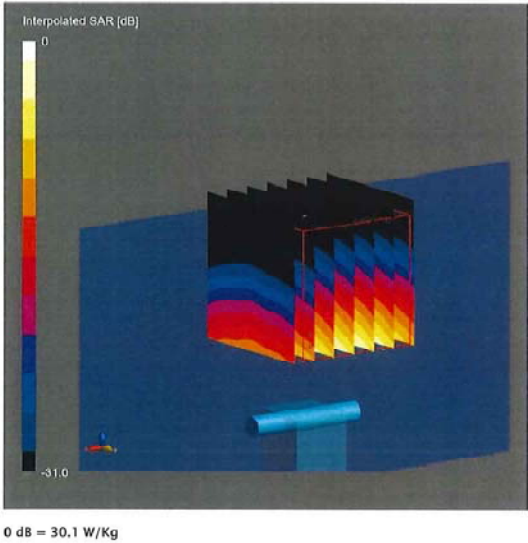
System Performance Check Report

Summary			
Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1020	5600	MSL	20

Exposure Conditions							
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10	CW, 0---		5600, 0	4.65	5.87	47.5

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Right	MSL, 2024-11-13	EX3DV4 - SN3503, 2024-03-07	DAE4lp Sn1836, 2024-10-28

Scans Setup		Measurement Results	
	Zoom Scan		Zoom Scan
Grid Extents [mm]	22 x 22 x 22	Date	2024-11-13
Grid Steps [mm]	4.0 x 4.0 x 1.4	psSAR1g [W/Kg]	7.40
Sensor Surface [mm]	1.4	psSAR10g [W/Kg]	2.06
Graded Grid	Yes	Power Drift [dB]	-0.01
Grading Ratio	1.4	Power Scaling	Disabled
MAIA	N/A	Scaling Factor [dB]	
Surface Detection	VMS + 6p	TSL Correction	Positive / Negative
Scan Method	Measured		



D5GHzV2 - SN: 1020

November 13, 2024

System Performance Check Report

Summary			
Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1020	5800	MSL	20

Exposure Conditions							
Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10	CW, 0--	5800, 0		4.48	6.16	47.2

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Right	MSL, 2024-11-13	EX3DV4 - SN3503, 2024-03-07	DAE4IP Sn1836, 2024-10-28

Scans Setup		Measurement Results	
	Zoom Scan		Zoom Scan
Grid Extents [mm]	22 x 22 x 22	Date	2024-11-13
Grid Steps [mm]	4.0 x 4.0 x 1.4	psSAR1g [W/Kg]	7.09
Sensor Surface [mm]	1.4	psSAR10g [W/Kg]	1.96
Graded Grid	Yes	Power Drift [dB]	0.01
Grading Ratio	1.4	Power Scaling	Disabled
MAIA	N/A	Scaling Factor [dB]	
Surface Detection	VMS + 6p	TSL Correction	Positive / Negative
Scan Method	Measured		



D5GHzV2 - SN: 1020

November 13, 2024

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]
D5GHzV2 - SN1020	5850	MSL	20

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat	10	CW, 0--		5850, 0	4.43	6.23	47.1

Hardware Setup

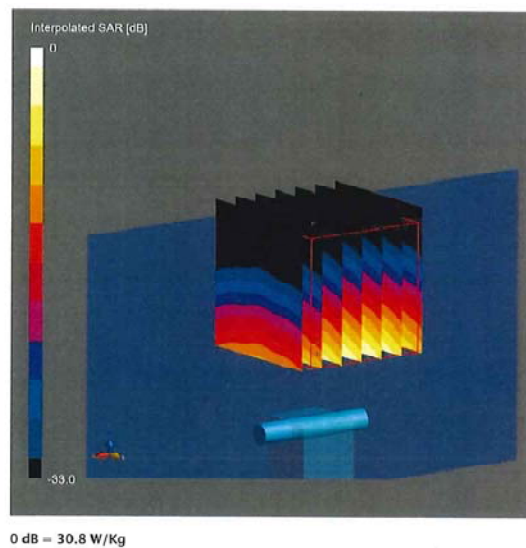
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
MFP V6.0 Right	MSL, 2024-11-13	EX3DV4 - SN3503, 2024-03-07	DAB4IP SN1836, 2024-10-28

Scans Setup

	Zoom Scan
Grid Extents [mm]	22 x 22 x 22
Grid Steps [mm]	4.0 x 4.0 x 1.4
Sensor Surface [mm]	1.4
Graded Grid	Yes
Grading Ratio	1.4
MAIA	N/A
Surface Detection	VMS + 6p
Scan Method	Measured

Measurement Results

	Zoom Scan
Date	2024-11-13
psSAR1g [W/Kg]	7.27
psSAR10g [W/Kg]	2.01
Power Drift [dB]	-0.01
Power Scaling	Disabled
Scaling Factor [dB]	
TSL Correction	Positive / Negative



D5GHzV2 - SN: 1020

November 13, 2024

Impedance Measurement Plot for Body TSL

