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

## **Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device.	100.0 x 20.0 x 10.0		2450 MHz 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,	FRONT,	D2450	CW,	2450.0,	8.18	1.87	40.2
HSL	0.00		0	50			

### **Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2178	HSL600-10000 Charge: xxxx, 2022-Dec-	EX3DV4 - SN7733, 2022-08-02	DAE4 Sn1739, 2022-07-29
	28		

### **Scan Setup**

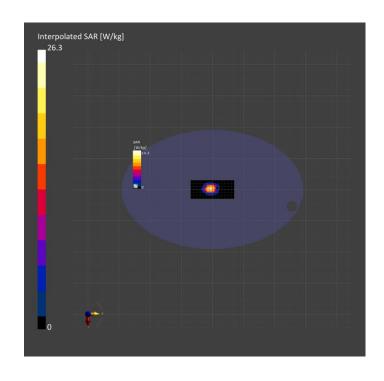
	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### **Measurement Results**

	Area Scan	Zoom Scan
Date	2022-12-28, 08:10	2022-12-28, 08:17
psSAR1g [W/kg]	12.4	12.5
psSAR10g [W/kg]	6.01	5.94
Power Drift [dB]	-0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		80.6
Dist 3dB Peak [mm]		9.1

## Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		



### **Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		5GHz dipole

### **Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	<b>Conversion Factor</b>	TSL Conductivity [S/m]	TSL Permittivity
Flat,	,		,	5250.0,	5.92	4.58	35.2
HSL			0	0			

### **Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2178	HSL600-10000 Charge: xxxx, 2022-Dec-	EX3DV4 - SN7733, 2022-08-02	DAE4 Sn1739, 2022-07-29
	28		

### **Scan Setup**

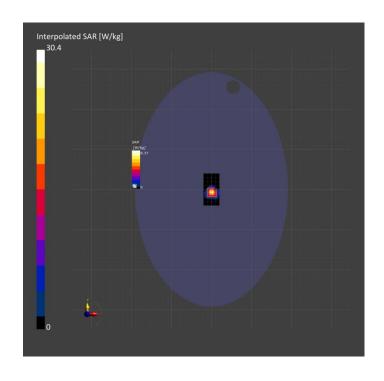
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### **Measurement Results**

	Area Scan	Zoom Scan
Date	2022-12-28, 08:33	2022-12-28, 08:41
psSAR1g [W/kg]	7.52	8.01
psSAR10g [W/kg]	2.35	2.35
Power Drift [dB]	0.03	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		66.1
Dist 3dB Peak [mm]		7.4

## Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
144		



### **Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type	
Device.	50.0 x 10.0 x 8.0		5GHz 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,	,		,	5600.0,	5.08	5.20	35.9
HSL			0	0			

### **Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2178	HSL600-10000 Charge: xxxx, 2022-Dec-	EX3DV4 - SN7733, 2022-08-02	DAE4 Sn1739, 2022-07-29
	28		

### **Scan Setup**

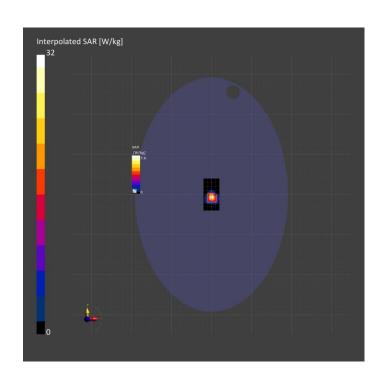
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

### **Measurement Results**

	Area Scan	Zoom Scan
Date	2022-12-29, 08:43	2022-12-29, 08:50
psSAR1g [W/kg]	7.43	7.66
psSAR10g [W/kg]	2.15	2.22
Power Drift [dB]	0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		7.5

## Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		



## **Device under Test Properties**

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	100.0 x 20.0 x 10.0		5GHz 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,	FRONT,	D5GHz	CW,	5750.0,	5.15	5.04	35.4
HSL	0.00		0	75			

### **Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2178	HSL600-10000 Charge: xxxx, 2022-Dec-	EX3DV4 - SN7733, 2022-08-02	DAE4 Sn1739, 2022-07-29
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### **Scan Setup**

·	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 140.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 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	2022-12-30,08:37	2022-12-30, 08:44
psSAR1g [W/kg]	6.73	7.61
psSAR10g [W/kg]	2.06	2.19
Power Drift [dB]	-0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.7
Dist 3dB Peak [mm]		7.4

## Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		

