

2.4G WIFI 2412MHz 5mm-WiFi L

Measurement Report for Device, EDGE RIGHT, WLAN 2.4GHz, UID 10012 CAB, Channel 1 (2412.000MHz)

Device under Test Properties

Model, Manufacturer Device,	Dimensions [mm] 300.0 x 280.0 x 100.0	IMEI	DUT Type Other
--------------------------------	--	------	-------------------

Exposure Conditions

Phantom Section, TSL Flat, HSL	Position, Test Distance [mm] EDGE RIGHT, 5.00	Band WLAN 2.4GHz	Group, UID WLAN, 10012-CAB	Frequency [MHz], Channel Number 2412.000, 1	Conversion Factor 7.98	TSL Conductivity [S/m] 1.85	TSL Permittivity 40.1
---	--	------------------------	-------------------------------------	--	---------------------------	-----------------------------------	--------------------------

Hardware Setup

Phantom ELI V8.0 (20deg probe tilt) - xxxx	TSL, Measured Date HBBL-600-10000 Charge:xxxx, 2024-Jun-22	Probe, Calibration Date EX3DV4 - SN7733, 2024-02-21	DAE, Calibration Date DAE4 Sn1739, 2024-01-23
---	--	--	--

Scan Setup

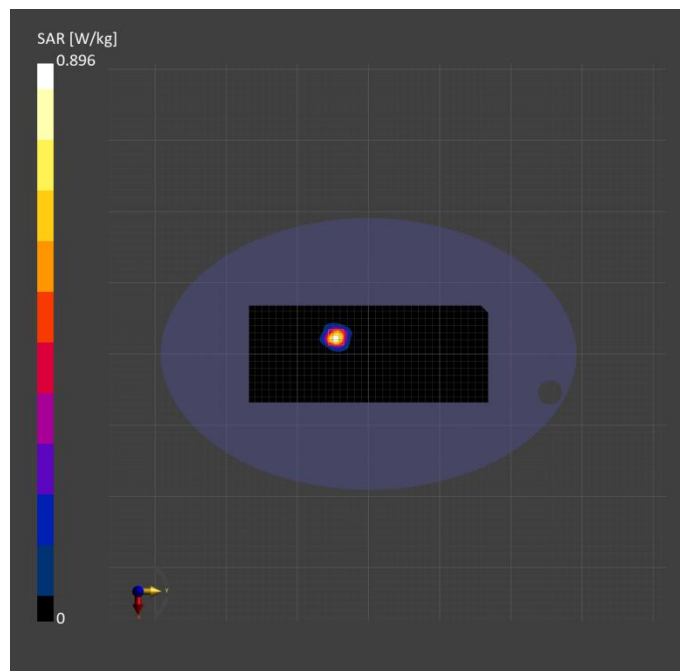
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 340.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-06-22, 10:29	2024-06-22, 10:36
psSAR1g [W/kg]	0.845	0.835
psSAR10g [W/kg]	0.387	0.375
Power Drift [dB]	0.10	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.3
Dist 3dB Peak [mm]		10.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement Report for Device, EDGE LEFT, U-NII-1, U-NII-2A, UID 10062 CAE, Channel 40 (5200.000MHz)

**Device under Test Properties**

Model, Manufacturer Device,	Dimensions [mm] 300.0 x 280.0 x 100.0	IMEI	DUT Type Other
--------------------------------	--	------	-------------------

**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	EDGE LEFT, 5.00	U-NII-1, U-NII-2A	WLAN, 10062-CAE	5200.000, 40	5.64	4.94	35.6

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2024-Jun-24	EX3DV4 - SN7733, 2024-02-21	DAE4 Sn1739, 2024-01-23

**Scan Setup**

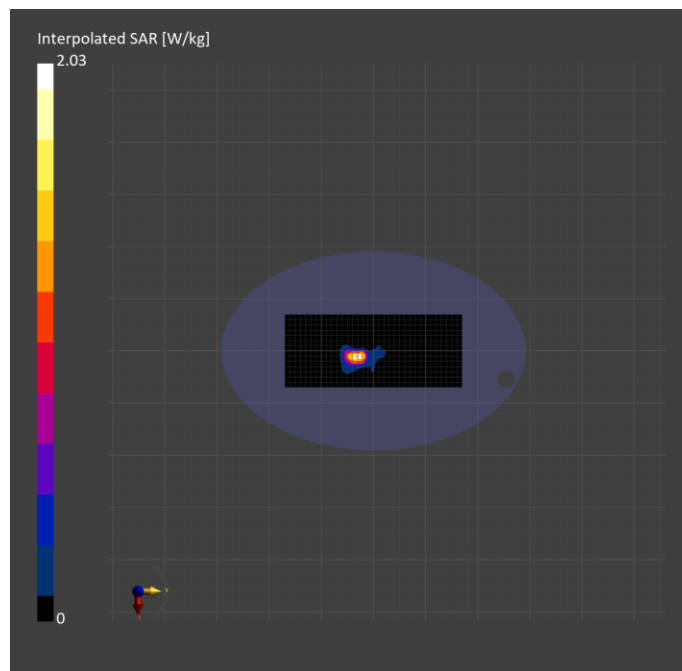
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-06-24, 09:16	2024-06-24, 09:27
psSAR1g [W/kg]	0.525	0.559
psSAR10g [W/kg]	0.203	0.204
Power Drift [dB]	0.09	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.2
Dist 3dB Peak [mm]		8.3

**Warning(s) / Error(s)**

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement Report for Device, EDGE LEFT, U-NII-2C, U-NII-3, UID 10062 CAE, Channel 157 (5785.000MHz)

**Device under Test Properties**

Model, Manufacturer Device,	Dimensions [mm] 300.0 x 280.0 x 100.0	IMEI	DUT Type Other
--------------------------------	--	------	-------------------

**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	EDGE LEFT, 5.00	WLAN 5GHz	WLAN, 10062-CAE	5785.0, 157	5.05	5.08	35.4

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2024-Jun-22	EX3DV4 - SN7733, 2024-02-21	DAE4 Sn1739, 2024-01-23

**Scan Setup**

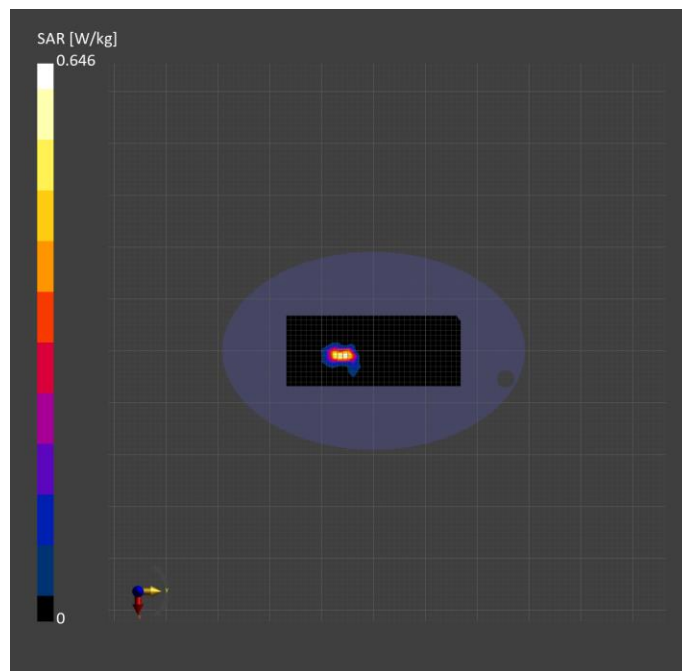
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-06-22, 20:21	2024-06-22, 20:34
psSAR1g [W/kg]	0.667	0.687
psSAR10g [W/kg]	0.247	0.240
Power Drift [dB]	0.00	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.1
Dist 3dB Peak [mm]		7.9

**Warning(s) / Error(s)**

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement Report for Device, BACK, Custom Band, UID 10062 CAE, Channel 2437500 (2437.500MHz)

**Device under Test Properties**

Model, Manufacturer Device,	Dimensions [mm] 300.0 x 280.0 x 100.0	IMEI	DUT Type Other
--------------------------------	--	------	-------------------

**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	Custom Band	CW, 10062-CAE	2437.500, 2437500	7.98	1.88	40.2

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2024-Jul-22	EX3DV4 - SN7733, 2024-02-21	DAE4 Sn1739, 2024-01-23

**Scan Setup**

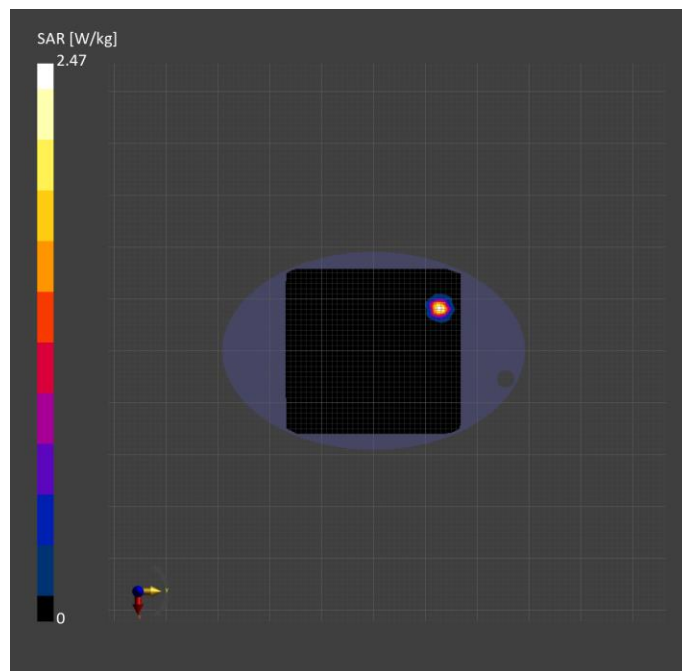
	Area Scan	Zoom Scan
Grid Extents [mm]	320.0 x 340.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-07-22, 15:06	2024-07-22, 15:20
psSAR1g [W/kg]	2.45	2.71
psSAR10g [W/kg]	1.21	1.31
Power Drift [dB]	0.07	0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.0
Dist 3dB Peak [mm]		11.2

**Warning(s) / Error(s)**

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement Report for Device, BACK, WLAN 5GHz, UID 10534 AAD, Channel 40 (5200.000MHz)

**Device under Test Properties**

Model, Manufacturer Device,	Dimensions [mm] 300.0 x 280.0 x 100.0	IMEI	DUT Type Other
--------------------------------	--	------	-------------------

**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	WLAN 5GHz	WLAN, 10534-AAD	5200.000, 40	5.64	4.61	35.4

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2024-Jul-25	EX3DV4 - SN7733, 2024-02-21	DAE4 Sn1739, 2024-01-23

**Scan Setup**

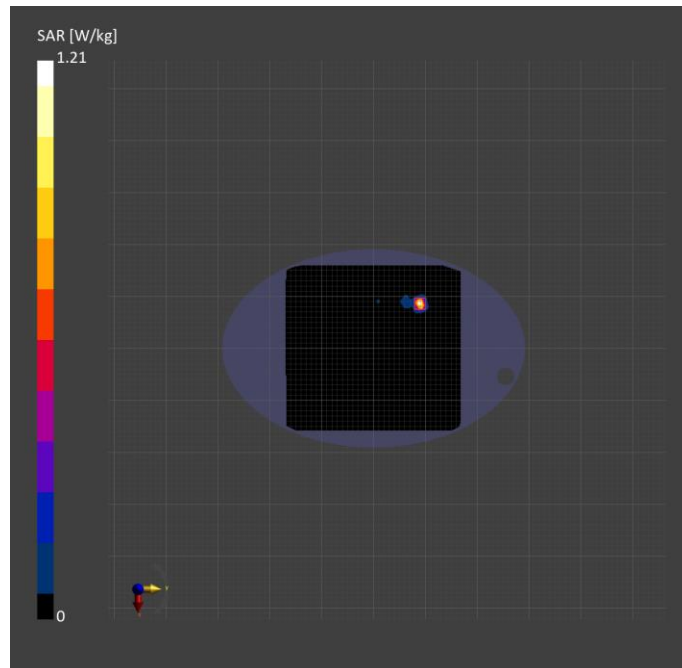
	Area Scan	Zoom Scan
Grid Extents [mm]	320.0 x 340.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-07-25, 14:48	2024-07-25, 15:09
psSAR1g [W/kg]	1.45	1.78
psSAR10g [W/kg]	0.420	0.482
Power Drift [dB]	-0.01	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.6
Dist 3dB Peak [mm]		6.6

**Warning(s) / Error(s)**

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement Report for Device, BACK, Custom Band, UID 10062 CAE, Channel 5787500 (5787.500MHz)

**Device under Test Properties**

Model, Manufacturer Device,	Dimensions [mm] 300.0 x 280.0 x 100.0	IMEI	DUT Type Other
--------------------------------	--	------	-------------------

**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	Custom Band	CW, 10062-CAE	5787.500, 5787500	5.05	5.06	35.4

**Hardware Setup**

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2024-Jul-22	EX3DV4 - SN7733, 2024-02-21	DAE4 Sn1739, 2024-01-23

**Scan Setup**

	Area Scan	Zoom Scan
Grid Extents [mm]	320.0 x 340.0	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	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

**Measurement Results**

	Area Scan	Zoom Scan
Date	2024-07-22, 17:50	2024-07-22, 18:09
psSAR1g [W/kg]	3.11	3.25
psSAR10g [W/kg]	1.14	1.18
Power Drift [dB]	-0.09	-0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.7
Dist 3dB Peak [mm]		10.5

**Warning(s) / Error(s)**

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		

