

Measurement Report for Device, , , UID 0 -, Channel 0 (835.0MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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	,		, 0--	835.0, 0	9.97	0.94	42.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2021-Jun-07	EX3DV4 - SN7376, 2020-07-31	DAE4 Sn1591, 2020-08-25

Scan Setup

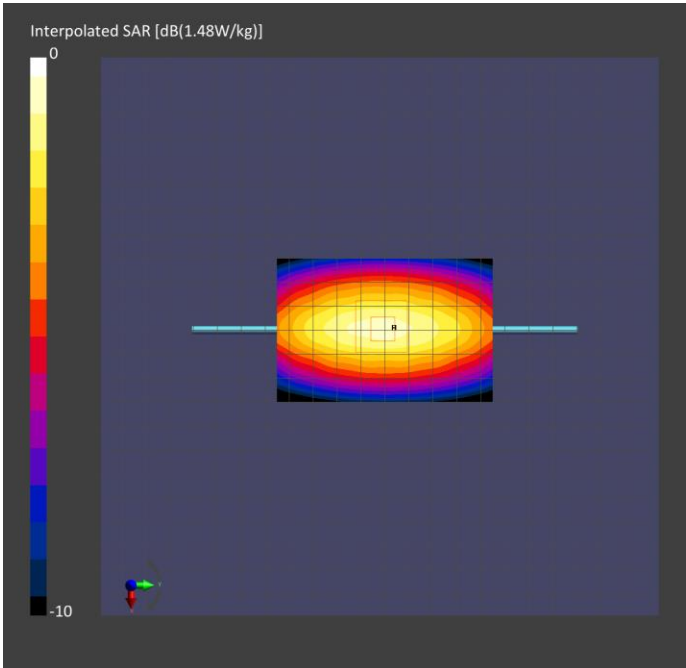
	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	No
Grading Ratio	n/a	n/a
MAIA	N/A	N/A
Surface Detection	Mother Scan	6-point verification
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-06-07, 17:52	2021-06-07, 17:56
psSAR1g [W/Kg]	1.04	0.978
psSAR10g [W/Kg]	0.675	0.635
Power Drift [dB]	-0.00	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction

Warning(s) / Error(s)

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



Measurement Report for Device, , , UID 0 -, Channel 0 (1750.0MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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	,		, 0--	1750.0, 0	8.51	1.38	40.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2021-Jun-07	EX3DV4 - SN7376, 2020-07-31	DAE4 Sn1591, 2020-08-25

Scan Setup

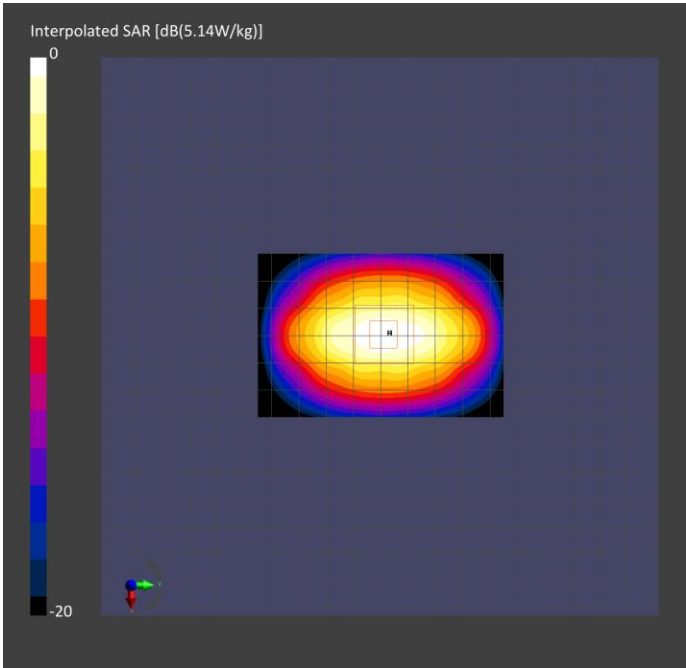
	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	No
Grading Ratio	n/a	n/a
MAIA	N/A	N/A
Surface Detection	Mother Scan	6-point verification
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-06-07, 18:15	2021-06-07, 18:19
psSAR1g [W/Kg]	4.10	3.59
psSAR10g [W/Kg]	2.14	1.90
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction

Warning(s) / Error(s)

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



Measurement Report for Device, , , UID 0 -, Channel 0 (2600.0MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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	,		, 0--	2600.0, 0	7.41	1.94	38.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2021-Jun-07	EX3DV4 - SN7376, 2020-07-31	DAE4 Sn1591, 2020-08-25

Scan Setup

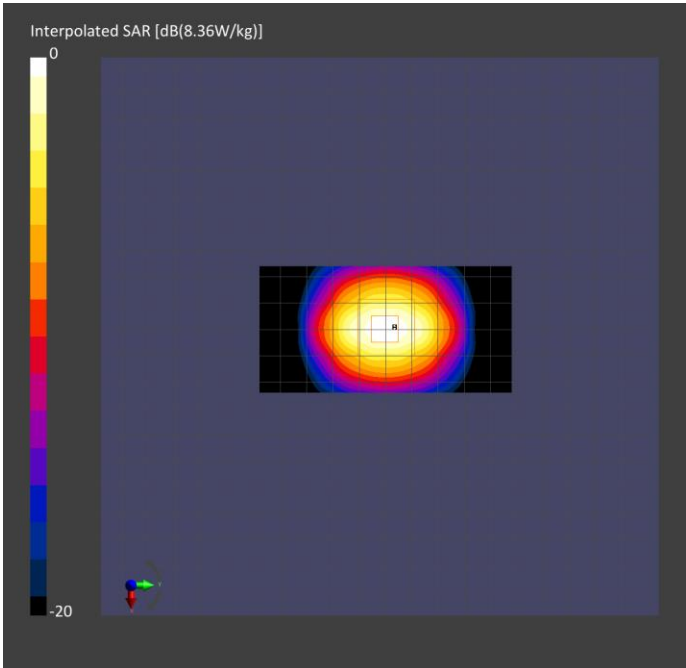
	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	No
Grading Ratio	n/a	n/a
MAIA	N/A	N/A
Surface Detection	Mother Scan	6-point verification
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-06-07, 18:39	2021-06-07, 18:43
psSAR1g [W/Kg]	6.19	5.45
psSAR10g [W/Kg]	2.71	2.44
Power Drift [dB]	0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction

Warning(s) / Error(s)

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



Measurement Report for Device, , , UID 0 -, Channel 0 (835.0MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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	,		, 0--	835.0, 0	9.97	0.93	41.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2021-Jun-10	EX3DV4 - SN7376, 2020-07-31	DAE4 Sn1591, 2020-08-25

Scan Setup

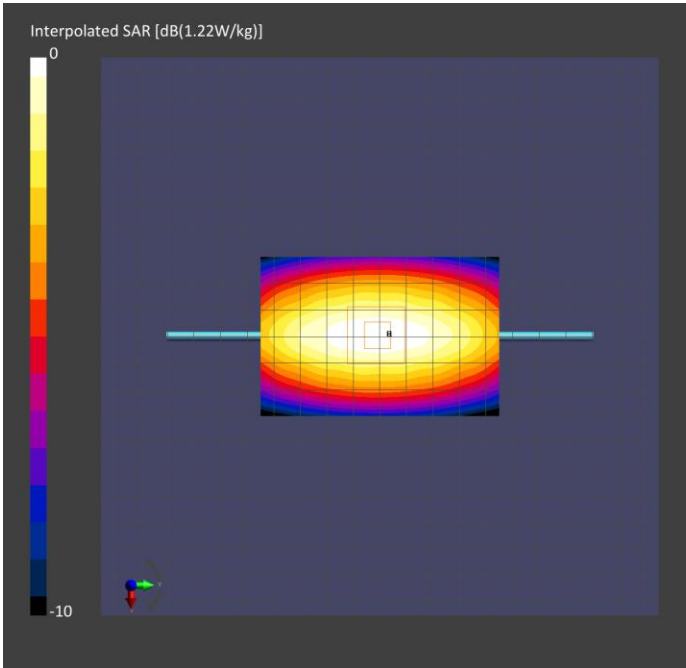
	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	No
Grading Ratio	n/a	n/a
MAIA	N/A	N/A
Surface Detection	Mother Scan	6-point verification
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-06-10, 09:05	2021-06-10, 09:08
psSAR1g [W/Kg]	1.05	0.983
psSAR10g [W/Kg]	0.687	0.638
Power Drift [dB]	0.00	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction

Warning(s) / Error(s)

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



Measurement Report for Device, , , UID 0 -, Channel 0 (3900.0MHz)

Device under Test Properties

Name, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0		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	,		, 0--	3900.0, 0	7.05	3.24	39.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - xxxx	HBBL-600-10000 Charge:xxxx, 2021-Jun-10	EX3DV4 - SN7645, 2021-04-15	DAE4 Sn1591, 2020-08-25

Scan Setup

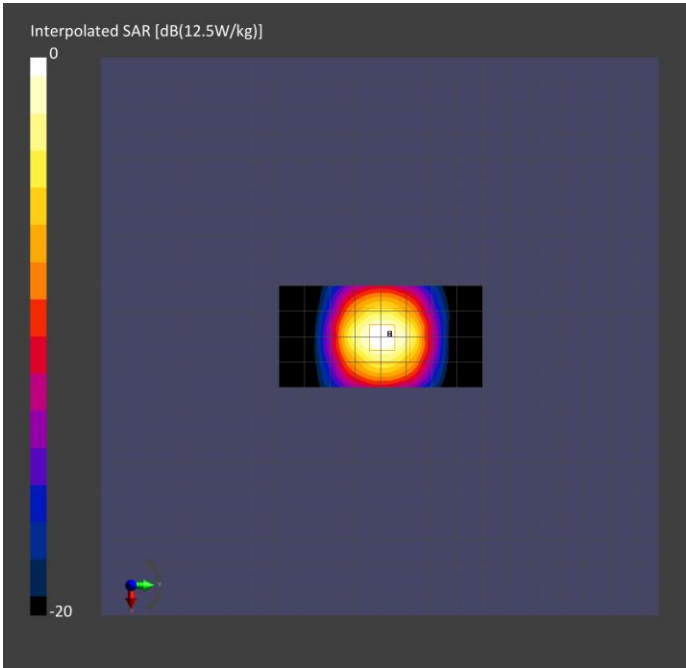
	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.8
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	Yes
Grading Ratio	n/a	1.4
MAIA	N/A	N/A
Surface Detection	Mother Scan	6-point verification
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-06-10, 13:48	2021-06-10, 13:55
psSAR1g [W/Kg]	8.31	6.62
psSAR10g [W/Kg]	2.89	2.35
Power Drift [dB]	-0.03	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction

Warning(s) / Error(s)

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



Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, Device	100.0 x 100.0 x 100.0		Reference source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Validation band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1082	Air---	EUmmWV4 - SN9536_F1-55GHz, 2021-04-24	DAE4 Sn1668, 2021-04-08

Scan Setup

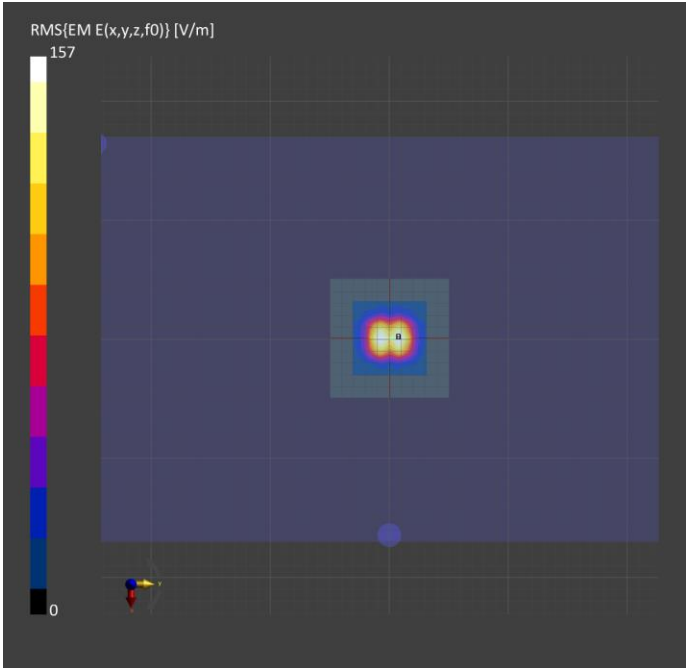
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2021-06-03
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	44.6
psPDtot+ [W/m²]	45.1
psPDmod+ [W/m²]	45.2
E _{max} [V/m]	155
Power Drift [dB]	-0.12

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	



Measurement Report for Device, FRONT, Custom Band, UID 0 -, Channel 30000000 (30000.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, Device	100.0 x 100.0 x 100.0		Reference source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.55	Validation band	CW, 0--	30000.0, 30000000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1082	Air---	EUmmWV4 - SN9536_F1-55GHz, 2021-04-24	DAE4 Sn1667, 2021-04-08

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	5.55
MAIA	N/A

Measurement Results

	5G Scan
Date	2021-06-10
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	42.5
psPDtot+ [W/m²]	42.9
psPDmod+ [W/m²]	43.1
E _{max} [V/m]	153
Power Drift [dB]	-0.20

Warning(s) / Error(s)

Details	5G Scan
Warning(s)	
Error(s)	

