

BOOMBOX 3 2.4G WiFi 11b 2412MHz ant1 5mm

Measurement Report for Device, TOP, WLAN 2.4GHz, UID 10315 AAB, Channel 1 (2412.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	350.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL	Conductivity [S/m]	TSL Permittivity
Flat, HSL		TOP, 5.00		WLAN 2.4GHz	WLAN, 10315-AAB	2412.0, 1	8.18	1.77		39.3

Hardware Setup

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

Scan Setup

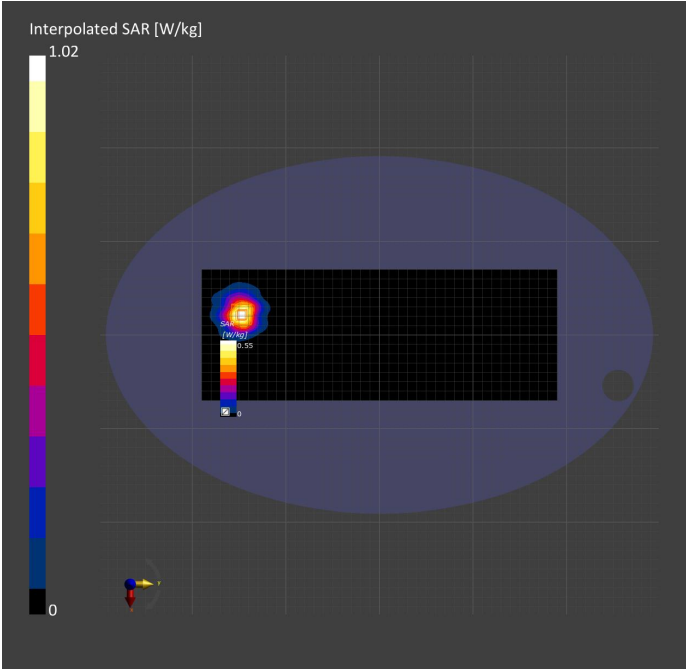
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 380.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 09:33	2022-08-26, 09:41
psSAR1g [W/kg]	0.507	0.513
psSAR10g [W/kg]	0.257	0.259
Power Drift [dB]	0.06	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.6
Dist 3dB Peak [mm]		12.4

Warning(s) / Error(s)

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



BOOMBOX 3 2.4G WiFi 11b 2412MHz ant2 5mm

Measurement Report for Device, TOP, WLAN 2.4GHz, UID 10315 AAB, Channel 1 (2412.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	100.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom	Section, TSL	Position, Distance [mm]	Test Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL		TOP, 5.00	WLAN 2.4GHz	WLAN, 10315-AAB	2412.0, 1	8.18	1.77	39.3

Hardware Setup

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

Scan Setup

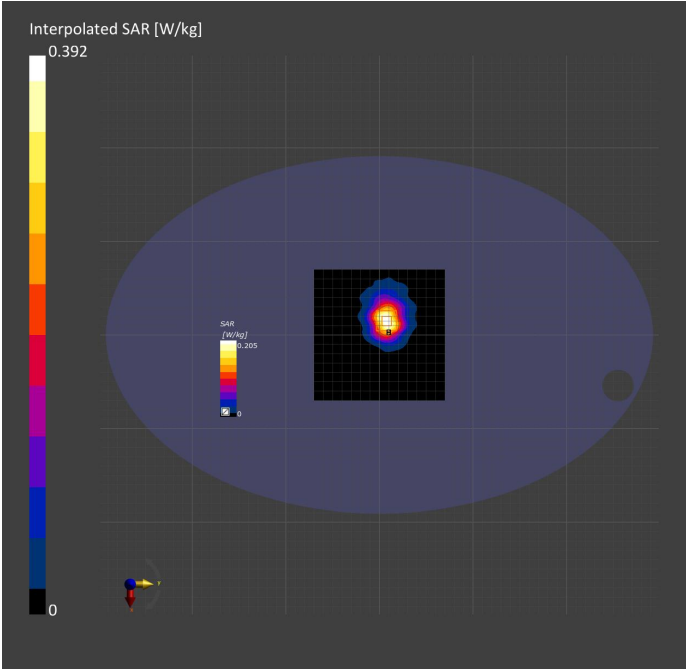
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 16:15	2022-08-26, 16:23
psSAR1g [W/kg]	0.188	0.193
psSAR10g [W/kg]	0.097	0.097
Power Drift [dB]	-0.00	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		12.6

Warning(s) / Error(s)

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



BOOMBOX 3 5G WiFi 11A 5180MHz ant1 5mm

Measurement Report for Device, TOP, WLAN 5GHz, UID 10317 AAD, Channel 36 (5180.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	350.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL	Conductivity [S/m]	TSL Permittivity
Flat, HSL		TOP, 5.00		WLAN 5GHz	WLAN, 10317-AAD	5180.0, 36	5.92	4.72		36.3

Hardware Setup

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

Scan Setup

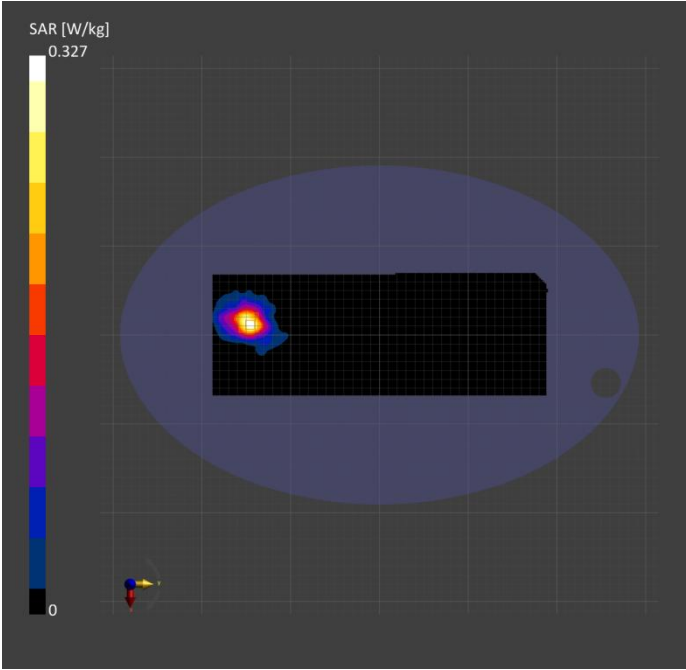
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 380.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 10:26	2022-08-26, 10:34
psSAR1g [W/kg]	0.316	0.329
psSAR10g [W/kg]	0.125	0.124
Power Drift [dB]	-0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.3
Dist 3dB Peak [mm]		11.6

Warning(s) / Error(s)

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



BOOMBOX 3 5G WiFi 11A 5180MHz ant2 5mm

Measurement Report for Device, TOP, WLAN 5GHz, UID 10317 AAD, Channel 36 (5180.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	100.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom TSL	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL [S/m]	Conductivity	TSL Permittivity
Flat, HSL		TOP, 5.00		WLAN 5GHz	WLAN, 10317-AAD	5180.0, 36	5.92	4.72		36.3

Hardware Setup

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

Scan Setup

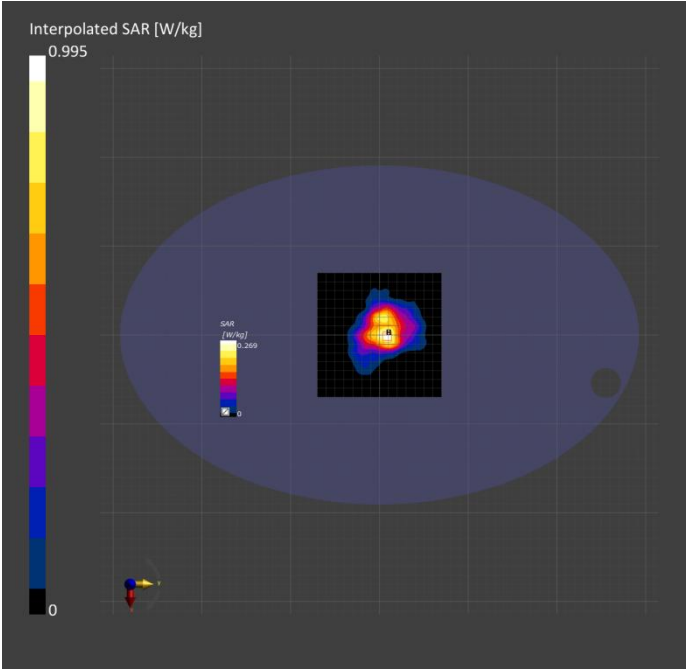
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 16:50	2022-08-26, 16:59
psSAR1g [W/kg]	0.267	0.282
psSAR10g [W/kg]	0.111	0.110
Power Drift [dB]	-0.00	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.9
Dist 3dB Peak [mm]		13.3

Warning(s) / Error(s)

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



BOOMBOX 3 5G WiFi 11A 5580MHz ant1 5mm

Measurement Report for Device, TOP, U-NII-2C < 5.65 GHz, UID 10317 AAD, Channel 116 (5580.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	350.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom TSL	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL	Conductivity [S/m]	TSL Permittivity
Flat, HSL		TOP, 5.00		U-NII-2C < 5.65 GHz	WLAN, 10317-AAD	5580.0, 116	5.08	4.95		36.6

Hardware Setup

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

Scan Setup

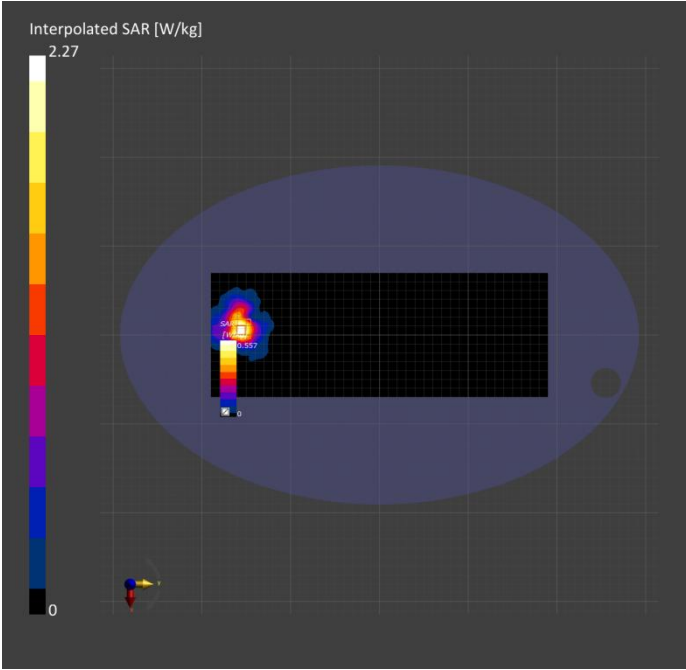
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 380.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 11:14	2022-08-26, 11:21
psSAR1g [W/kg]	0.565	0.610
psSAR10g [W/kg]	0.223	0.230
Power Drift [dB]	-0.01	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.1
Dist 3dB Peak [mm]		10.4

Warning(s) / Error(s)

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



BOOMBOX 3 5G WiFi 11A 5580MHz ant2 5mm

Measurement Report for Device, TOP, WLAN 5GHz, UID 10317 AAD, Channel 116 (5580.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	100.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL	Conductivity [S/m]	TSL Permittivity
Flat, HSL		TOP, 5.00		WLAN 5GHz	WLAN, 10317-AAD	5580.0, 116	5.08	4.95		36.6

Hardware Setup

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

Scan Setup

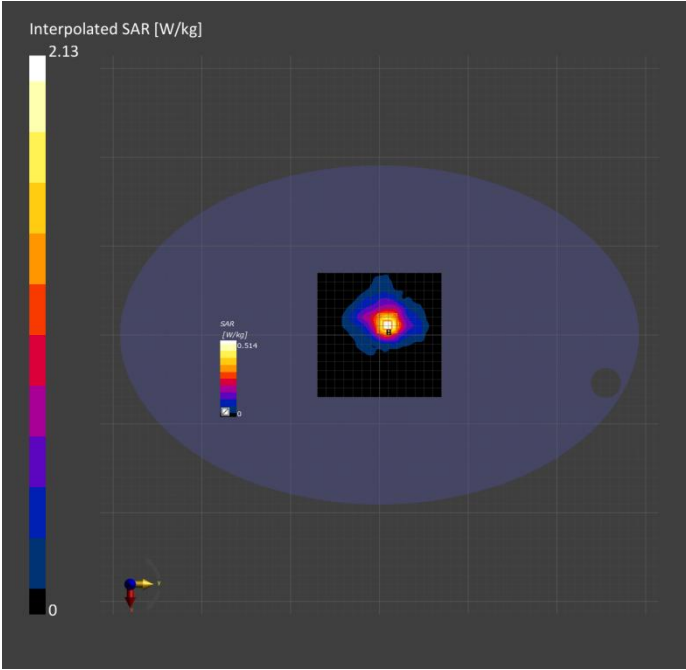
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 17:08	2022-08-26, 17:15
psSAR1g [W/kg]	0.515	0.542
psSAR10g [W/kg]	0.200	0.201
Power Drift [dB]	0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.7
Dist 3dB Peak [mm]		12.5

Warning(s) / Error(s)

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



Measurement Report for Device, TOP, U-NII-2C, U-NII-3, UID 10317 AAD, Channel 165 (5825.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	350.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL [S/m]	Conductivity	TSL Permittivity
Flat, HSL		TOP, 5.00		U-NII-2C, U-NII-3	WLAN, 10317-AAD	5825.0, 165	5.15	5.11		35.8

Hardware Setup

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

Scan Setup

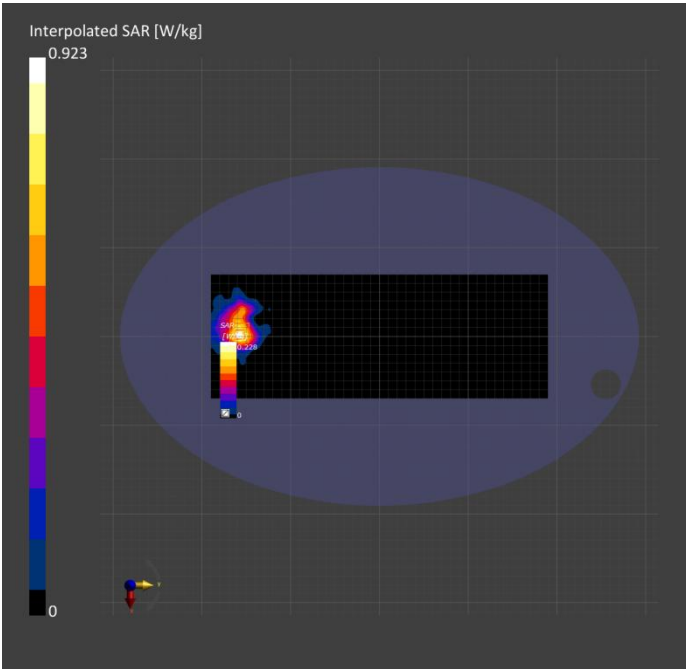
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 380.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 11:40	2022-08-26, 11:49
psSAR1g [W/kg]	0.219	0.231
psSAR10g [W/kg]	0.088	0.088
Power Drift [dB]	-0.04	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.1
Dist 3dB Peak [mm]		10.8

Warning(s) / Error(s)

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



BOOMBOX 3 5G WiFi 11A 5825MHz ant1 5mm

Measurement Report for Device, TOP, WLAN 5GHz, UID 10317 AAD, Channel 165 (5825.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	100.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom TSL	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL	Conductivity [S/m]	TSL Permittivity
Flat, HSL		TOP, 5.00		WLAN 5GHz	WLAN, 10317-AAD	5825.0, 165	5.15	5.11		35.8

Hardware Setup

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

Scan Setup

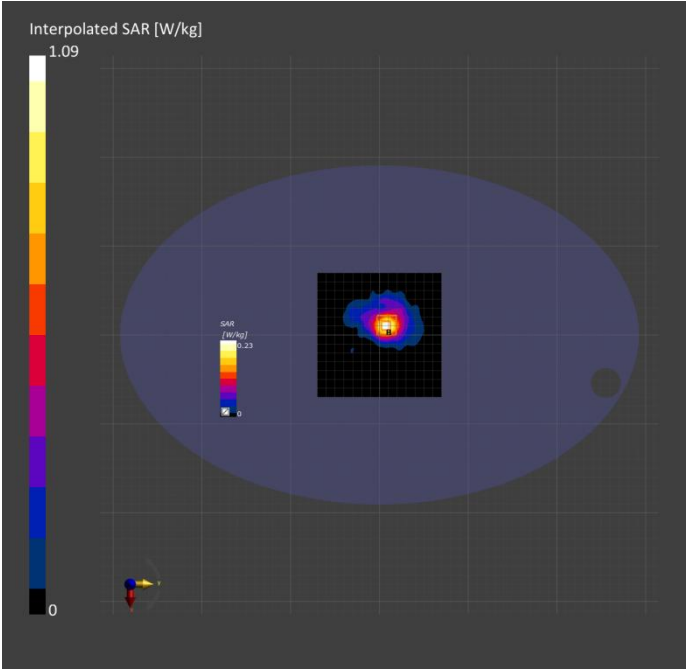
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 17:24	2022-08-26, 17:32
psSAR1g [W/kg]	0.238	0.251
psSAR10g [W/kg]	0.088	0.086
Power Drift [dB]	0.02	0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.9
Dist 3dB Peak [mm]		10.9

Warning(s) / Error(s)

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



BOOMBOX 3 BT 3DH5 MHz 5mm

Measurement Report for Device, FRONT, ISM 2.4 GHz Band, UID 10038 CAA, Channel 39 (2441.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device, BOOMBOX 3	100.0 x 100.0 x 10.0		Phone

Exposure Conditions

Phantom TSL	Section, TSL	Position, Distance [mm]	Test	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL	Conductivity [S/m]	TSL Permittivity
Flat, HSL		FRONT, 5.00		ISM 2.4 GHz Band	Bluetooth, 10038-CAA	2441.0, 39	8.18	1.78		39.4

Hardware Setup

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

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 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	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2022-08-26, 19:43	2022-08-26, 19:51
psSAR1g [W/kg]	0.037	0.037
psSAR10g [W/kg]	0.019	0.018
Power Drift [dB]	-0.01	-0.00
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		78.6
Dist 3dB Peak [mm]		> 15.0

Warning(s) / Error(s)

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

