

Measurement Report for PM95W, EDGE RIGHT, U-NII-6, MIMO, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
PM95W			Phone

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 RIGHT, 0.00	U-NII-6	WLAN	6505.0, 111	5.46	6.13	33.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V5.0 - 1679	HBBL-600-10000, 2024-Apr-24	EX3DV4 - SN7368, 2023-11-27	DAE4 Sn1391, 2024-02-16

Scan Setup

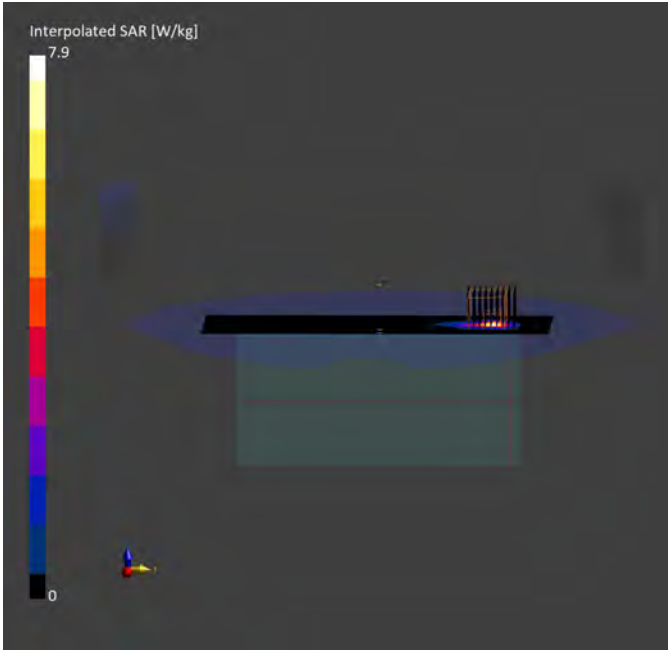
	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-24, 12:26	2024-04-24, 12:38
psSAR1g [W/kg]	1.24	1.45
psSAR10g [W/kg]	0.340	0.368
psAPD (1.0cm2, sq) [W/m2]		14.5
psAPD (4.0cm2, sq) [W/m2]		8.58
Power Drift [dB]	0.06	0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.7
Dist 3dB Peak [mm]		5.2

Warning(s) / Error(s)

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



Dt&C Co., Ltd.

DUT: PM95W; Type: PDA

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 39.039$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.31, 7.17, 7.07); Calibrated: 11/27/2023 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1679

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-04-09; Ambient Temp: 20.3; Tissue Temp: 20.2

Touch from Body, Right, Bluetooth Ch. 39, Ant. Internal

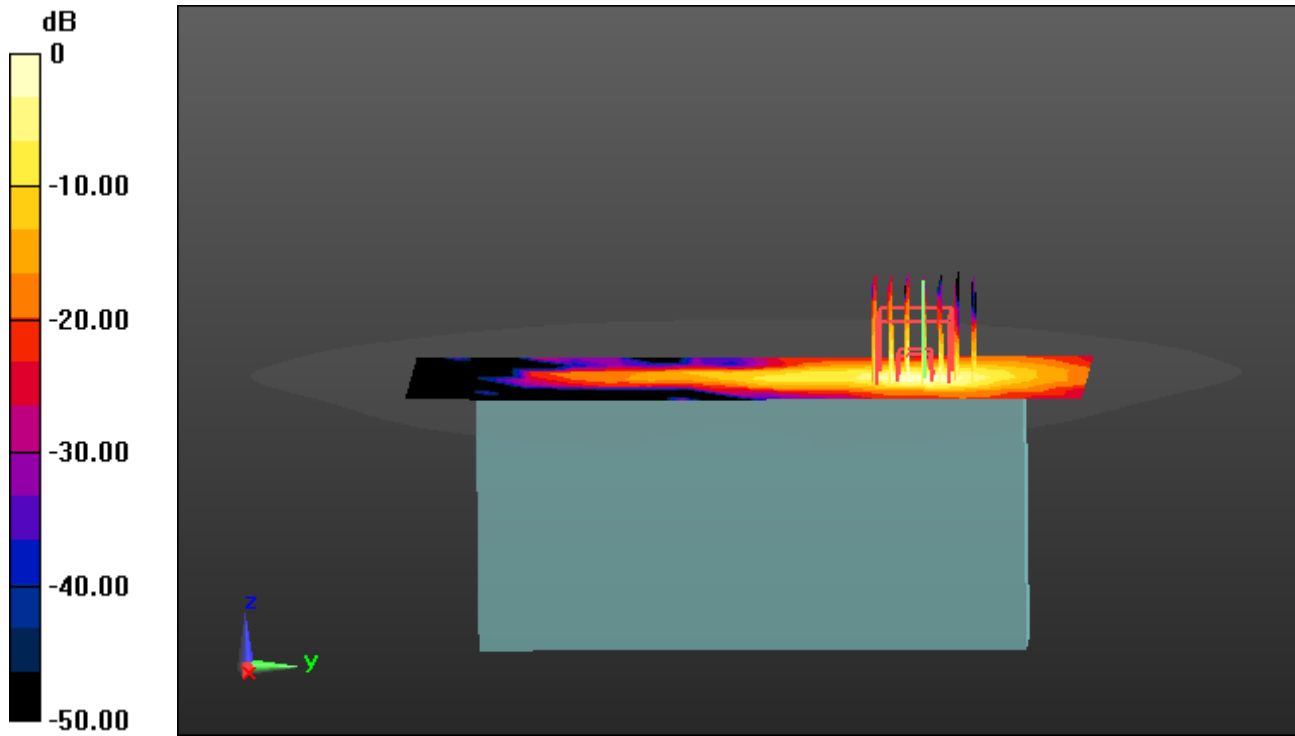
Area Scan (7x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.057 W/kg



0 dB = 0.246 W/kg

Dt&C Co., Ltd.

DUT: PM95W; Type: PDA

Communication System: UID 0, BLE (0); Frequency: 2440 MHz; Duty Cycle: 1:1.174

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 39.045$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN7368; ConvF(7.31, 7.17, 7.07); Calibrated: 11/27/2023 Electronics: DAE4 Sn1391

Sensor-Surface: 2mm (Mechanical Surface Detection)

Phantom: Twin-SAM V5.0; Type: QD 000 P40 CD; Serial: 1679

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Test Date: 2024-04-09; Ambient Temp: 20.3; Tissue Temp: 20.2

Touch from Body, Right, Bluetooth Ch. 19, Ant. Internal, Ant.8

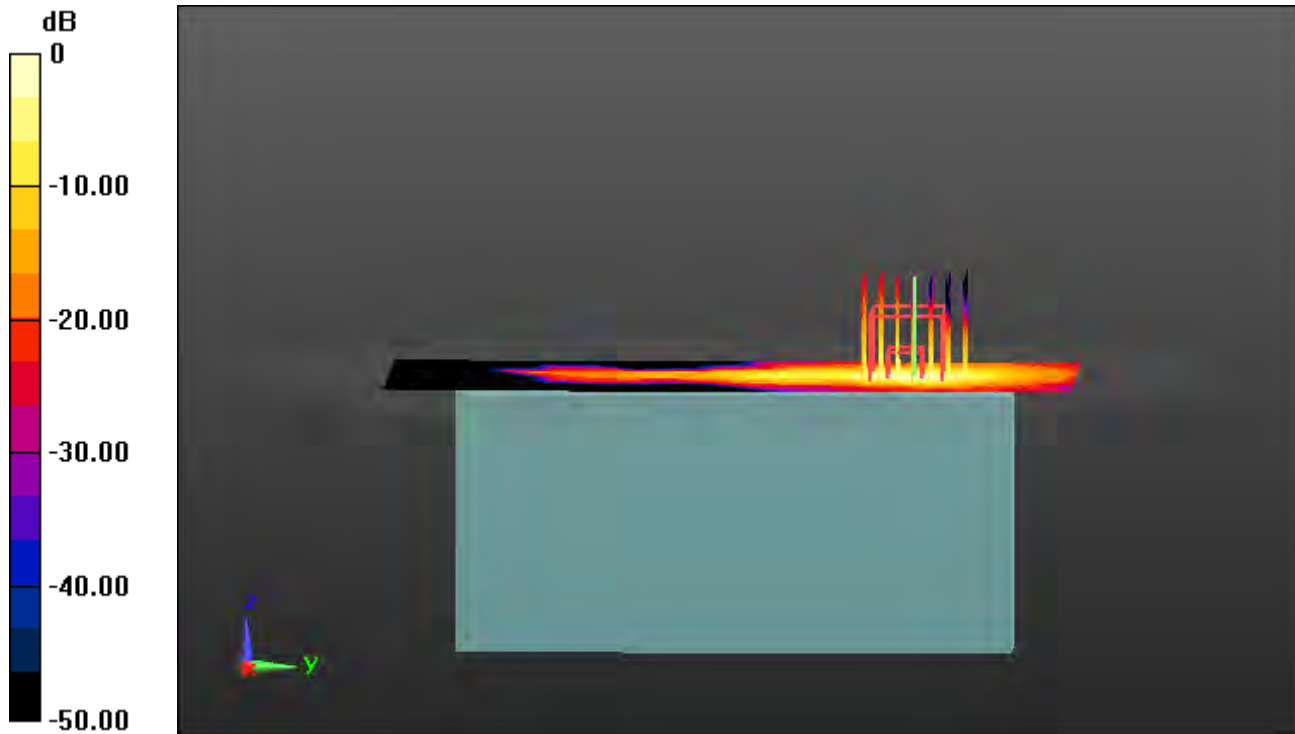
Area Scan (7x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.072 W/kg



0 dB = 0.371 W/kg

Dt&C Co., Ltd.

DUT: PM95W; Type: PDA

Communication System: UID 0, NFC (0); Frequency: 13.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 13.6 \text{ MHz}$; $\sigma = 0.73 \text{ S/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3933; ConvF(17.92, 17.92, 17.92); Calibrated: 10/26/2023 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2017_03_08; Type: QDIVA001BB; Serial: 1223
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2024-04-01; Ambient Temp: 21.0; Tissue Temp: 20.9

Touch from Body, Front, NFC Ch. 13600, Ant Internal

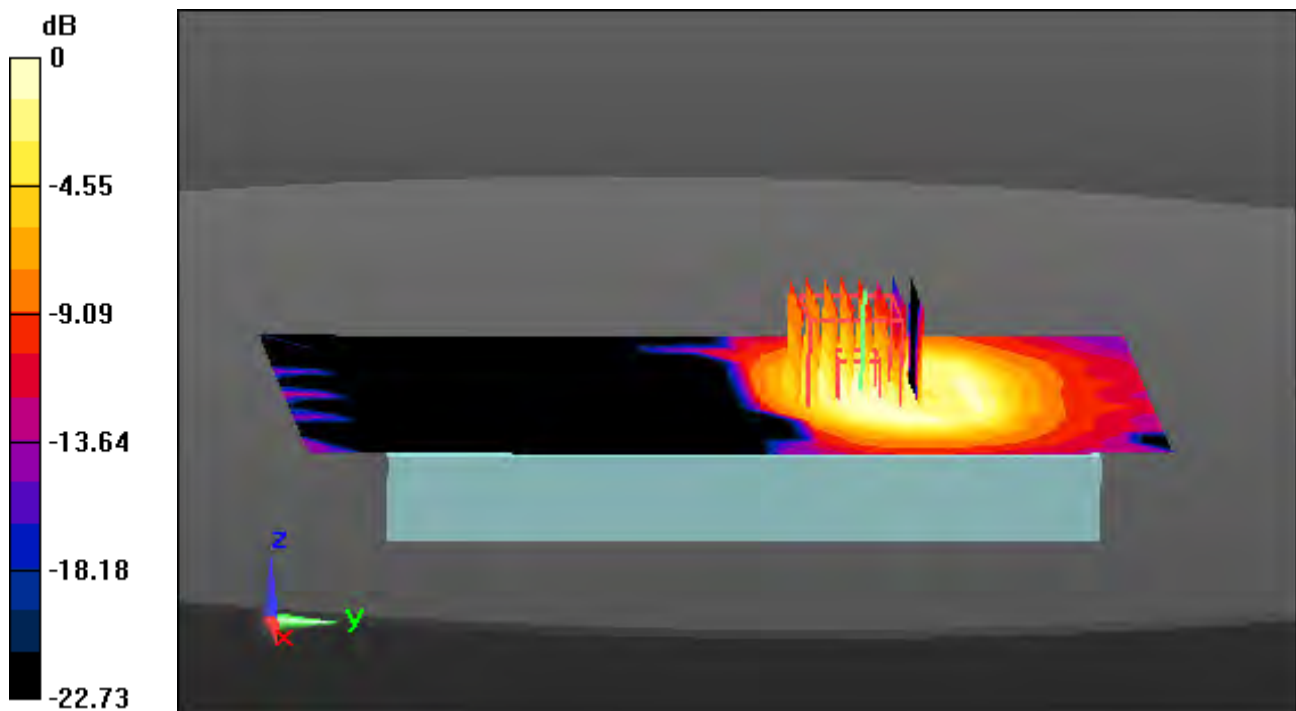
Area Scan (11x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio:1.4

Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.028 W/kg



Measurement Report for PM95W, EDGE RIGHT, U-NII-6, Ant.8, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
PM95W			Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE RIGHT, 2.00	U-NII-6	WLAN	6505.0, 111	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1050	---Air	EUmmWV3 - SN9400_F1-55GHz, 2023-11-16	DAE4 Sn1453, 2023-09-20

Scan Setup

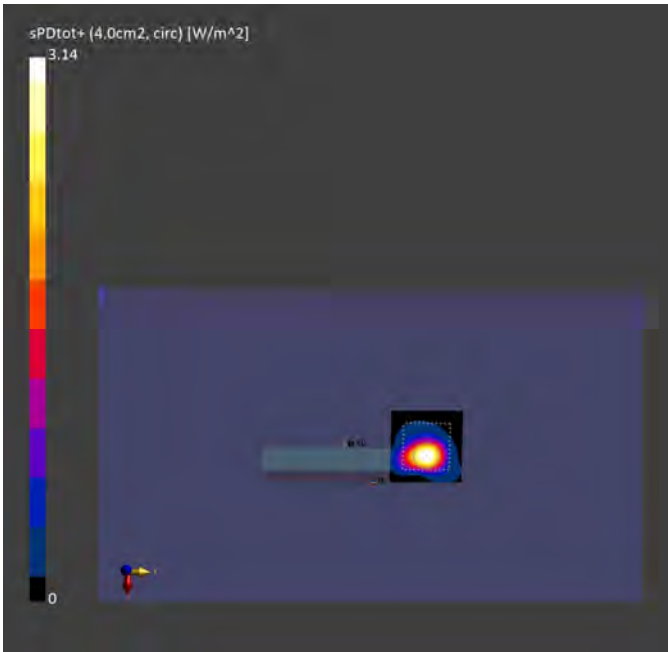
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.04429156002095672 x 0.04429156002095672
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2024-05-17, 10:33
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.95
psPDtot+ [W/m²]	3.26
psPDmod+ [W/m²]	3.68
E _{max} [V/m]	56.8
Power Drift [dB]	-0.06

Warning(s) / Error(s)

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



Measurement Report for PM95W, EDGE LEFT, U-NII-6, Ant.9, Channel 111 (6505.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
PM95W			Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE LEFT, 2.00	U-NII-6	WLAN	6505.0, 111	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1050	---Air	EUmmWV3 - SN9400_F1-55GHz, 2023-11-16	DAE4 Sn1453, 2023-09-20

Scan Setup

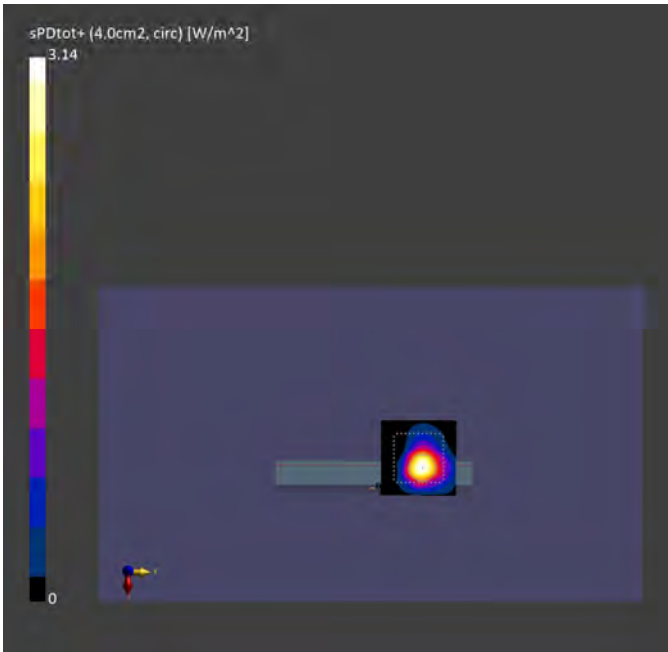
	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.04429156002095672 x 0.04429156002095672
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2024-05-20, 15:24
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.18
psPDtot+ [W/m²]	3.09
psPDmod+ [W/m²]	3.45
E _{max} [V/m]	47.2
Power Drift [dB]	-0.05

Warning(s) / Error(s)

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



Measurement Report for PM95W, EDGE LEFT, U-NII-7, MIMO, Channel 143 (6665.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
PM95W			Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE LEFT, 2.00	U-NII-7	WLAN	6665.0, 143	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1050	---Air	EUmmWV3 - SN9400_F1-55GHz, 2023-11-16	DAE4 Sn1453, 2023-09-20

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.04538097579395488 x 0.04538097579395488
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2024-05-22, 15:51
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	2.16
psPDtot+ [W/m²]	3.14
psPDmod+ [W/m²]	3.34
E _{max} [V/m]	45.3
Power Drift [dB]	-0.17

Warning(s) / Error(s)

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

