Post Market Surveillance Summary (SAR)

Project #:	B1603017
Applicant:	DDM Brands LLC
Address:	1616 NW 84th Ave., Miami, Florida 33126, USA
FCC ID:	A4JANDY55MVR
Model Number:	ANDY 5.5M LTE VR
EUT Description:	4G Mobile Phone
SAR Test Configuration:	Back Side 10 mm to Flat Phantom with Body Liquid

Frequency Band	**Max. 1-g SAR Level(s) Measured**		**Limit (W/kg)**
LTE Band 7	PMST on 2016-11-16	2.27	1.6
	PMST on 2016-11-18	2.46	
	Original	0.697	

Conclusion: SAR measurement was performed first on 2016-11-16 for PMST purpose. The result did not only show inconsistence with the original report but also over the applicable limit. SAR was repeated on 2016-11-18 and the 1-g measured SAR value still show similar failure result. The product doesn't meet the requirement or complies with FCC applicable rules in the process of post market surveillance testing.

Please refer to the following PMST scan plots,

SAR PMST on 2016-11-16

Test Laboratory: Bay Area Compliance Lab Corp. (BACL)

DDM B1603017, LTE Band 7, Body Back 10mm to Phantom, Low CH (2510 MHz) 1RB 20 BW

DUT: DDM; Type: Mobile; Serial: B1603017

Communication System: LTE Band 7@20MHz; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.02 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

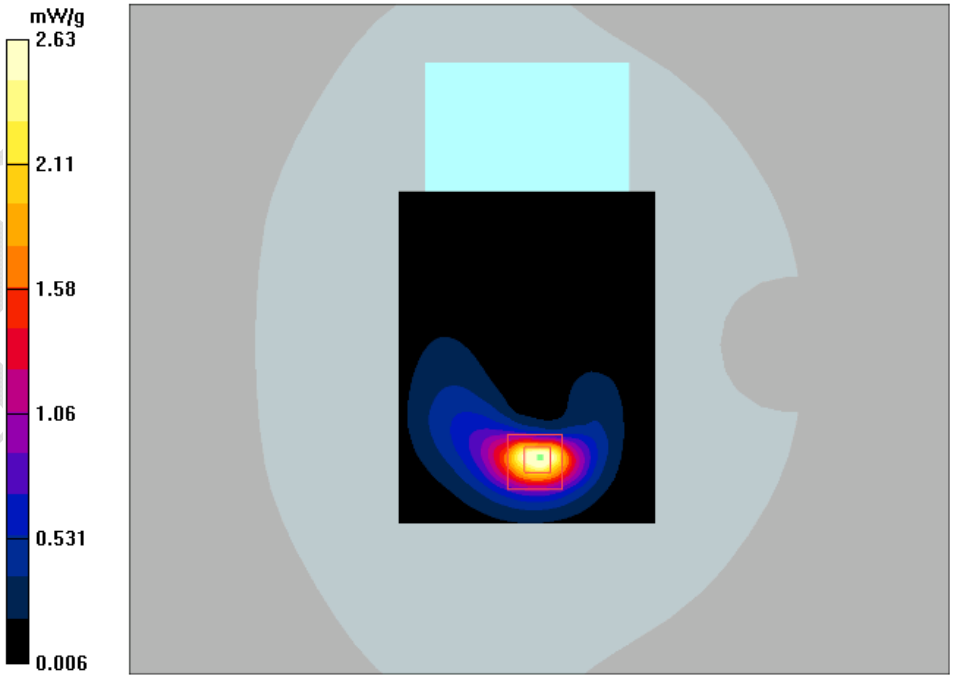
DASY4 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(6.54, 6.54, 6.54); Calibrated: 9/23/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn530; Calibrated: 9/21/2016
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back 10mm to Phantom(Low)/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.93 mW/g

Back 10mm to Phantom(Low)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.40 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 4.46 W/kg

SAR (1 g) = 2.27 mW/g; SAR (10 g) = 1.02 mW/g
Maximum value of SAR (measured) = 2.63 mW/g



SAR PMST on 2016-11-18

Test Laboratory: Bay Area Compliance Lab Corp. (BACL)

DDM B1603017, LTE Band 7, Body Back 10mm to Phantom, Low CH (2510 MHz) 1RB 20 BW

DUT: DDM; Type: Mobile; Serial: B1603017

Communication System: LTE Band 7@20MHz; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.02 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)

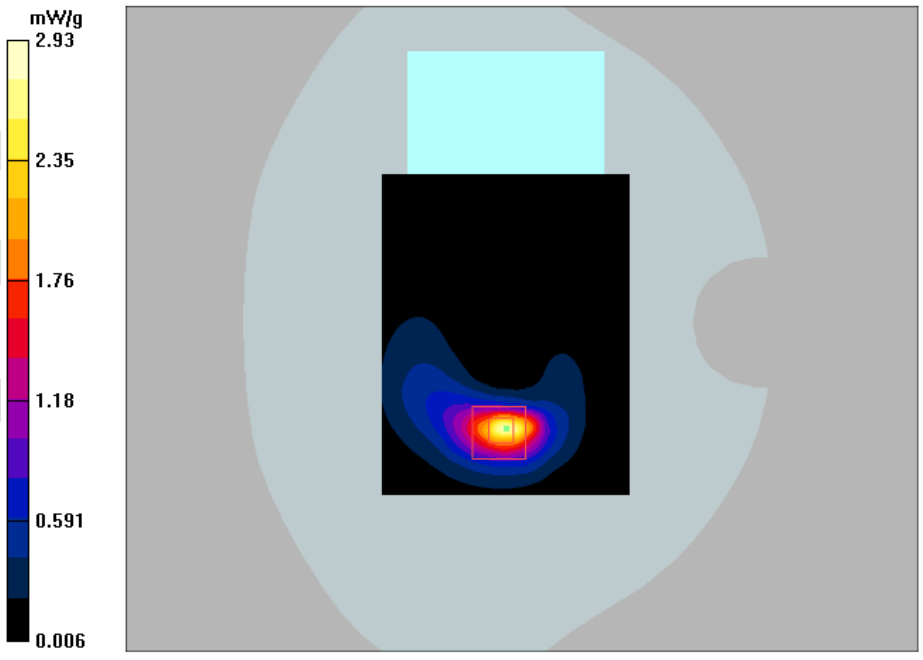
DASY4 Configuration:

- Probe: EX3DV4 - SN3619; ConvF(6.54, 6.54, 6.54); Calibrated: 9/23/2016
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn530; Calibrated: 9/21/2016
- Phantom: SAM with CRP; Type: SAM; Serial: TP-1032
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back 10mm to Phantom(Low)/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.80 mW/g

Back 10mm to Phantom(Low)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.98 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 5.02 W/kg

SAR (1 g) = 2.46 mW/g; SAR (10 g) = 1.09 mW/g
Maximum value of SAR (measured) = 2.93 mW/g



Original SAR plot

Test Laboratory: Bay Area Compliance Labs Corp.(Shenzhen)

Test Plot 15#:LTE BAND 7 Body-worn Back Low Channel

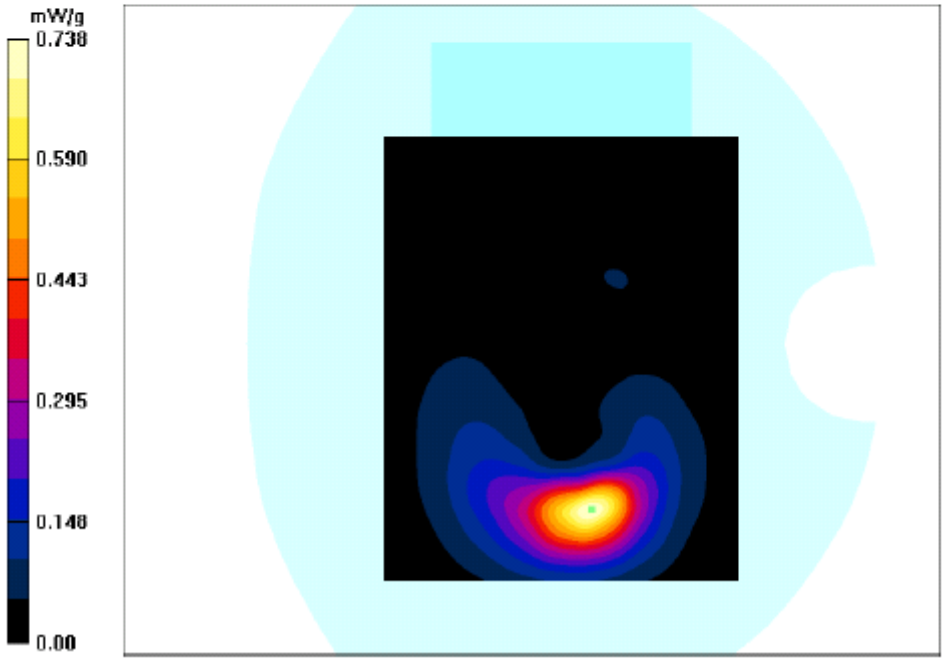
DUT: 4G mobile phone; Type: AM55MLVR194

Communication System: LTE 4G Band; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.10 S/m; ε_r = 52.83; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3036; ConvF(4.19, 4.19, 4.19); Calibrated: 20/08/2015
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: Dummy DAE - SN:456; Calibrated: 17/08/2015
- Phantom: TWIN SAM; Type: QD000P40CA; Serial: TP-1218
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

LTE BAND 7-back -low/Area Scan (111x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.757 mW/g

LTE BAND 7-back -low /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.301 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 1.256 mW/kg
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.738 mW/g



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