


Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

1. WCDMA II Top 5mm

Date/Time: 1/16/2018 5:16:13 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: Not Specified

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.586 \text{ S/m}$; $\epsilon_r = 52.675$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.2°C Medium Temperature: 21.3°C; Comments:

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
- Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS5 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (12x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.950 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

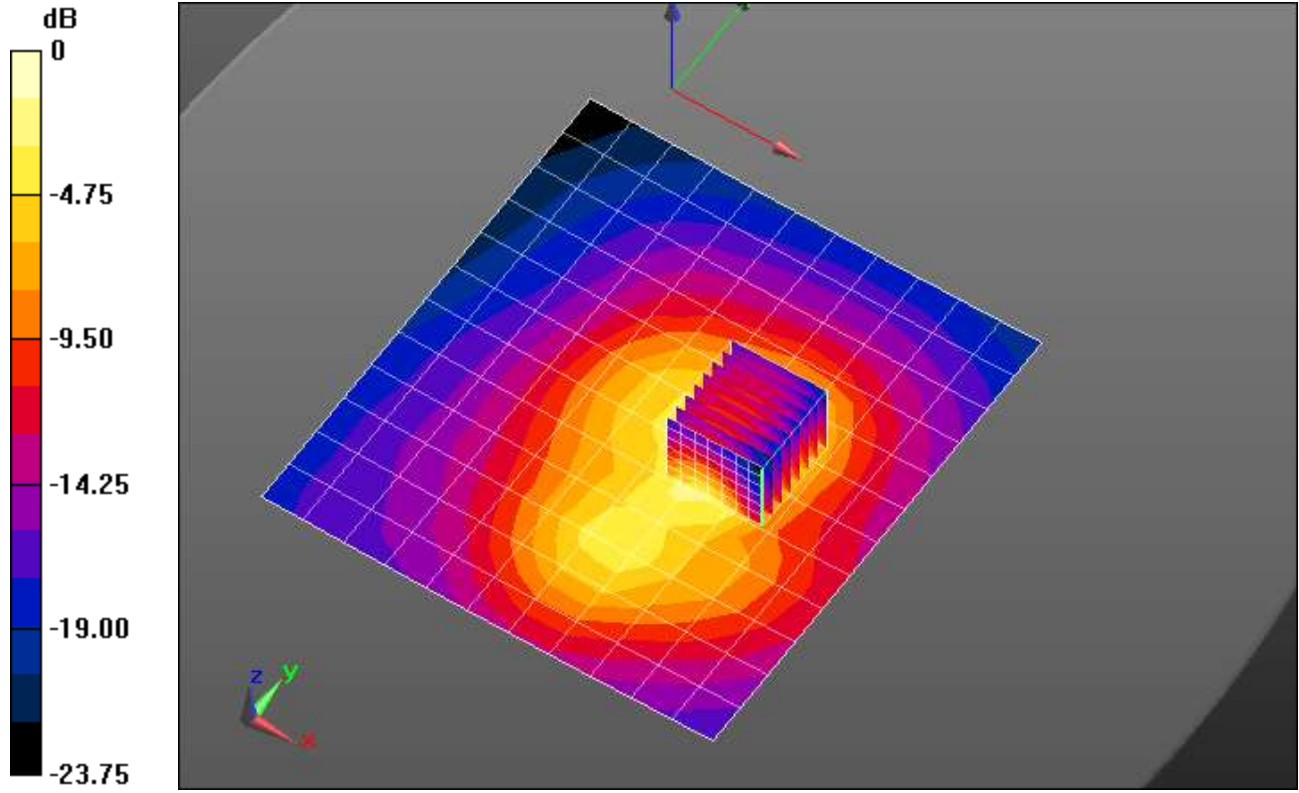
Reference Value = 16.05 V/m; Power Drift = -0.31 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.550 W/kg

Maximum value of SAR (measured) = 1.17 W/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

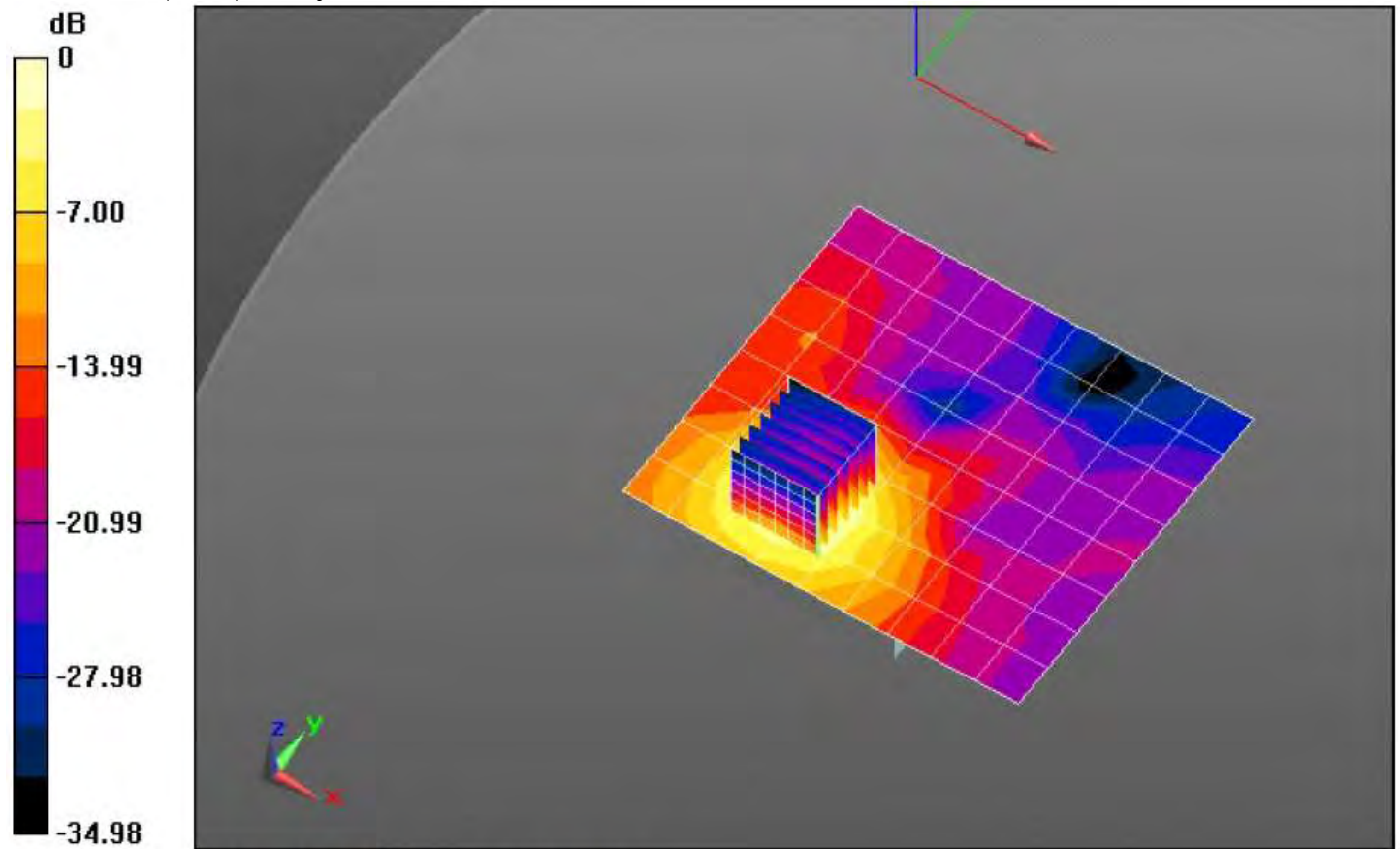


0 dB = 0.950 W/kg = -0.22 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

2. WCDMA II Bottom 7mm

Date/Time: 1/11/2018 4:07:58 PM
 Test Laboratory: Cetecom Inc. SAR 1 Lab
 DUT: ID System; Type: EUT; Serial: **Not Specified**
 Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz
 Medium: MSL1900_Batch 110615-4
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 53.288$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)
 Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.0±C Medium Temperature: 21.3±C; Comments:
 DASy Configuration:
 I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;
 I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0
 I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
 I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx
 I DASy52 52.8.8(1222);
Flat-Section/Bottom 7mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.19 W/kg
Flat-Section/Bottom 7mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.648 V/m; Power Drift = 0.53 dB
 Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.559 W/kg
 Maximum value of SAR (measured) = 1.30 W/kg

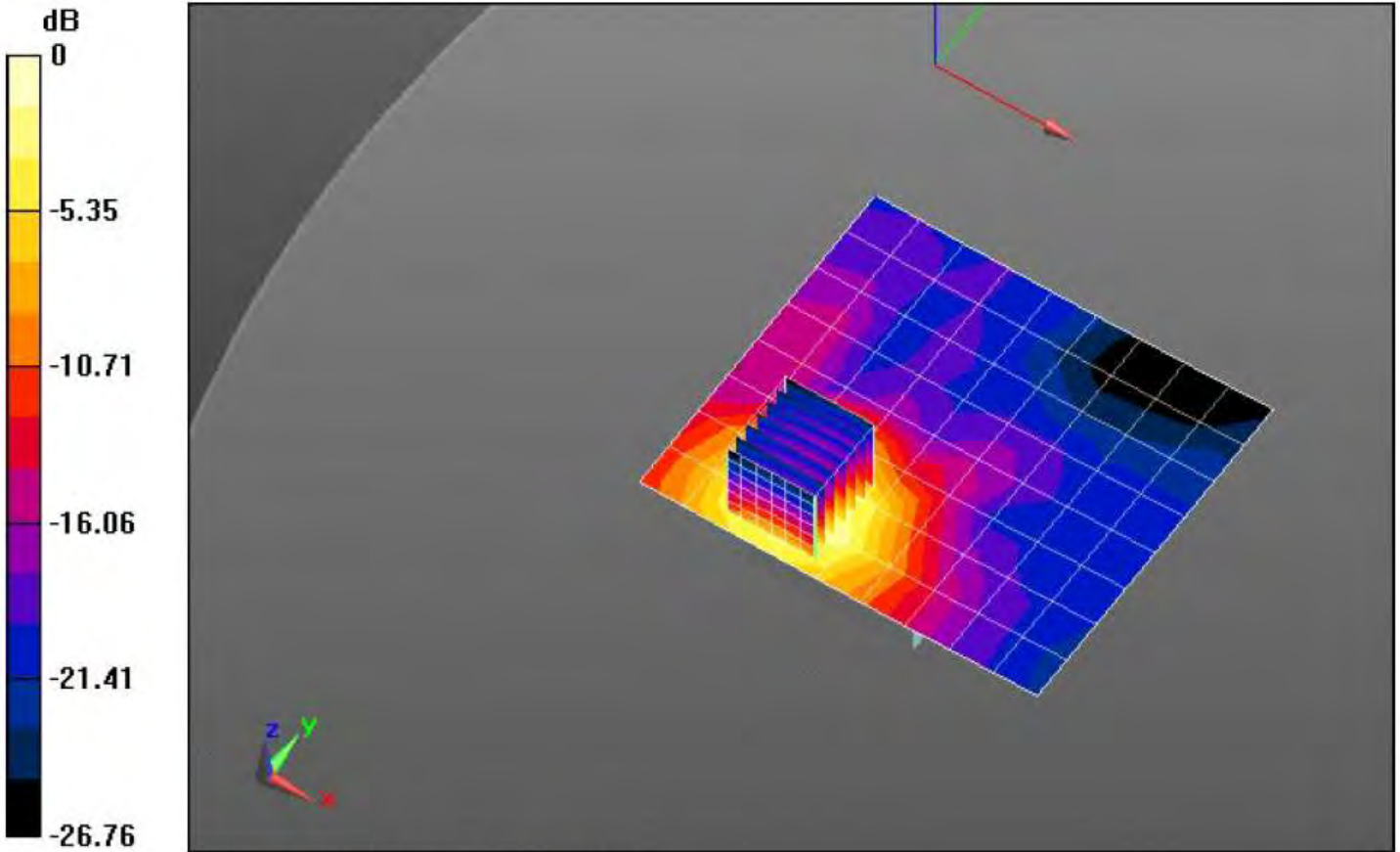


$$0 \text{ dB} = 1.19 \text{ W/kg} = 0.77 \text{ dBW/kg}$$


Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

3. WCDMA II Bottom 7mm repeated

Date/Time: 1/12/2018 11:00:41 AM
 Test Laboratory: Cetecom Inc. SAR 1 Lab
 DUT: ID System; Type: EUT; Serial: **Not Specified**
 Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1880 MHz
 Medium: MSL1900_Batch 110615-4
 Medium parameters used: f = 1880 MHz; $\sigma = 1.527$ S/m; $\epsilon_r = 53.288$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)
 Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.0±C Medium Temperature: 21.3±C; Comments:
 DASy Configuration:
 I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;
 I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0
 I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
 I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx
 I DASy52 52.8.8(1222);
Flat-Section/Bottom 7mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.14 W/kg
Flat-Section/Bottom 7mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 2.822 V/m; Power Drift = 1.90 dB
 Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.646 W/kg
 Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.14 W/kg = 0.58 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

4. WCDMA II Antenna side 11mm

Date/Time: 1/16/2018 5:51:50 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: Not Specified

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1950 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used (extrapolated): $f = 1950$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 53.329$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 20.1°C Medium Temperature: 23.3°C; Comments:

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.09, 5.09, 5.09); Calibrated: 5/12/2017;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
- Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS2 52.8.8(1222);

Flat-Section/Antenna Side 9mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.41 W/kg

Flat-Section/Antenna Side 9mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.47 V/m; Power Drift = 0.17 dB

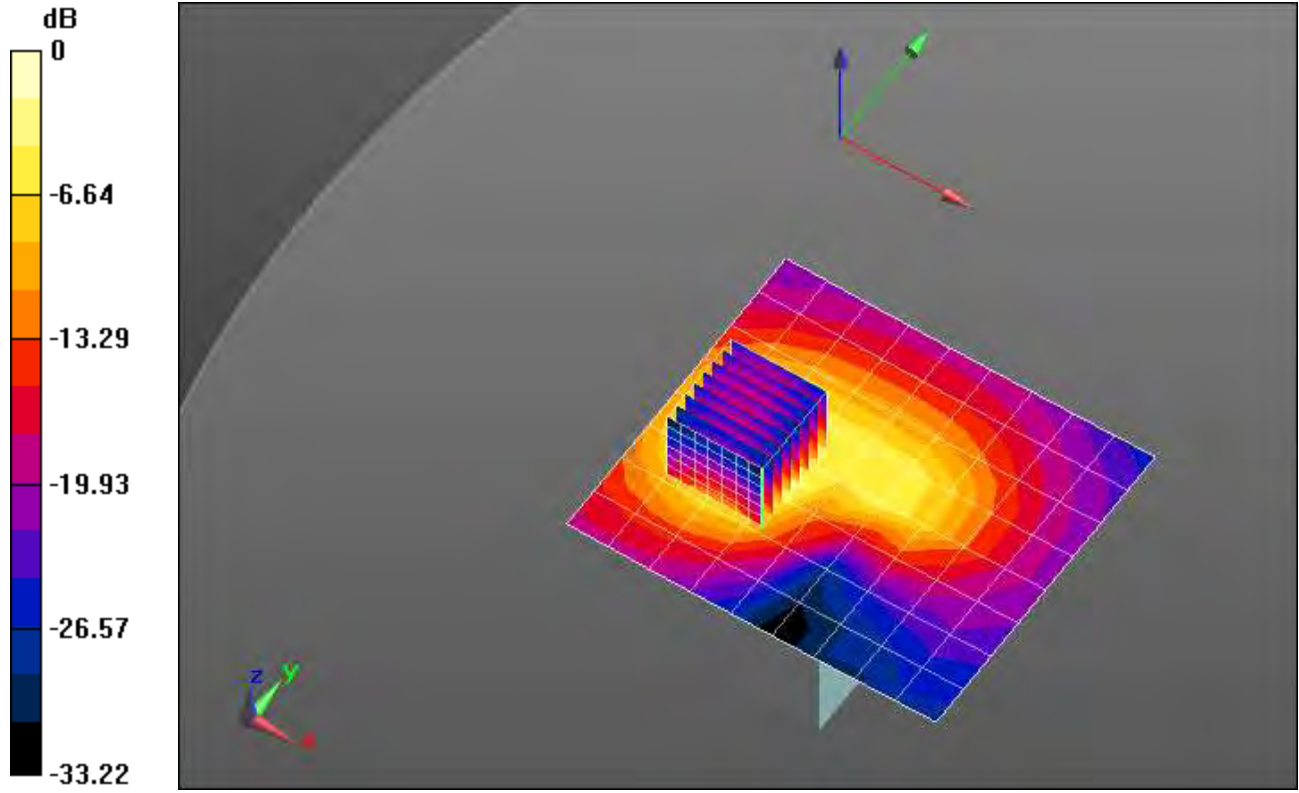
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.685 W/kg


[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.48 W/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	



0 dB = 1.41 W/kg = 1.49 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

5. WCDMA II Antenna side 11mm repeated

Date/Time: 1/16/2018 6:30:22 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: Not Specified

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 1950 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used (extrapolated): $f = 1950$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 53.329$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 20.1°C Medium Temperature: 23.3°C; Comments:

DASY Configuration:

- Probe: ES3DV3 - SN3323; ConvF(5.09, 5.09, 5.09); Calibrated: 5/12/2017;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$
- Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
- Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS52 52.8.8(1222);

Flat-Section/Antenna Side 9mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.40 W/kg

Flat-Section/Antenna Side 9mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.87 V/m; Power Drift = -0.14 dB

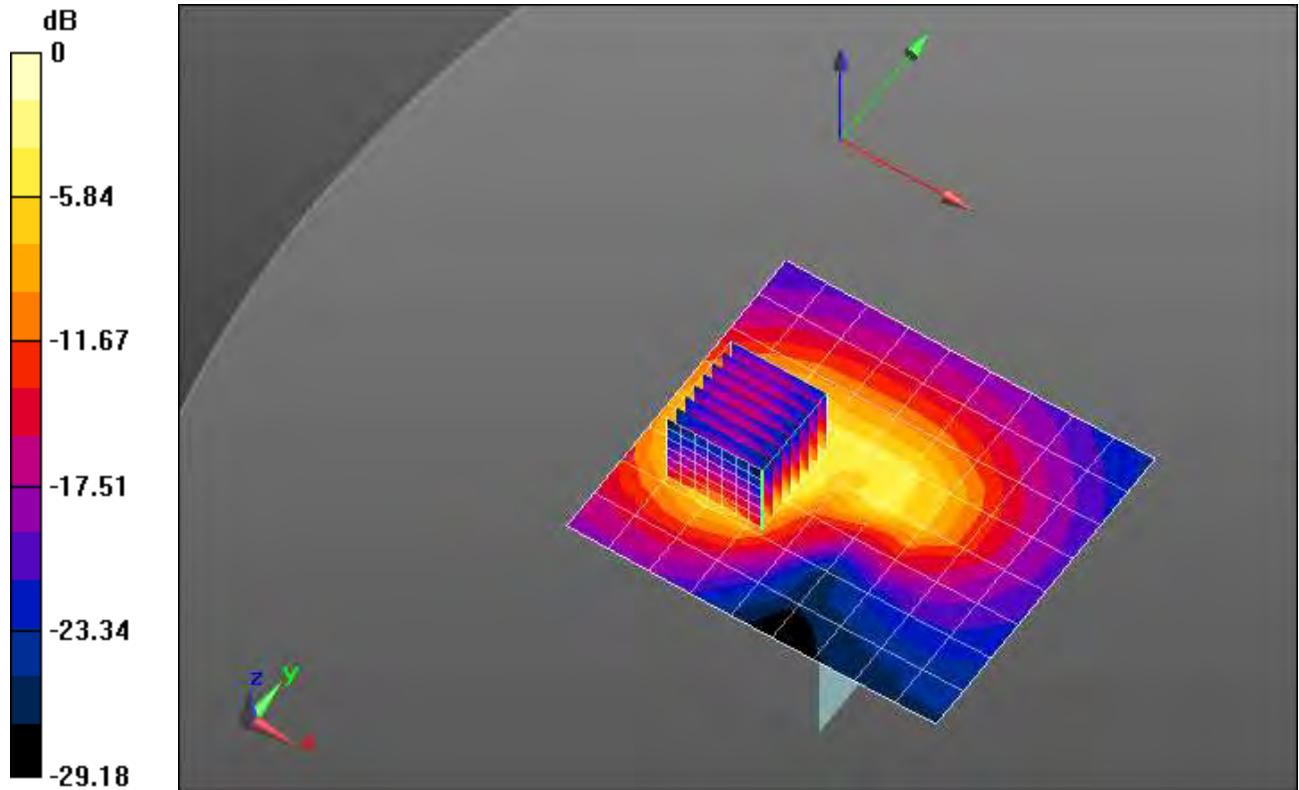
Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.690 W/kg

[Info: Extrapolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.51 W/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	



0 dB = 1.40 W/kg = 1.47 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

6. WCDMA V Top 0mm

Date/Time: 1/11/2018 11:03:53 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 52.68$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 23.1°C Medium Temperature: 20.7°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.38, 6.38, 6.38); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1092

I DASYS2 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (12x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.604 W/kg

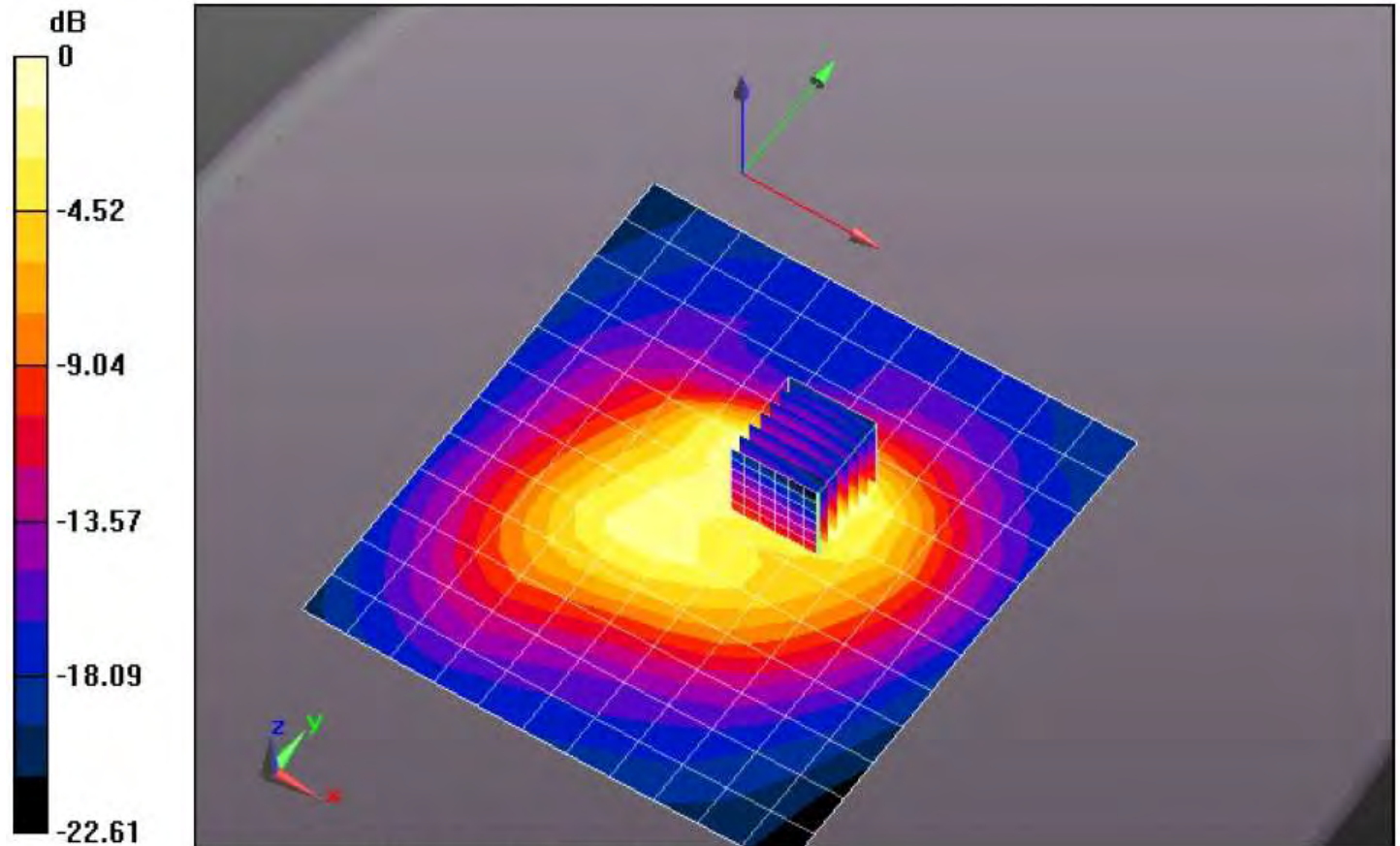
Flat-Section/Front 0mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 17.06 V/m; Power Drift = -0.83 dB

Peak SAR (extrapolated) = 0.990 W/kg

SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.695 W/kg



0 dB = 0.604 W/kg = -2.19 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

7. WCDMA V Bottom 0mm

Date/Time: 1/11/2018 11:36:46 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 52.68$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 22.3°C Medium Temperature: 23.3°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.38, 6.38, 6.38); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1092

I DASYS2 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.678 W/kg

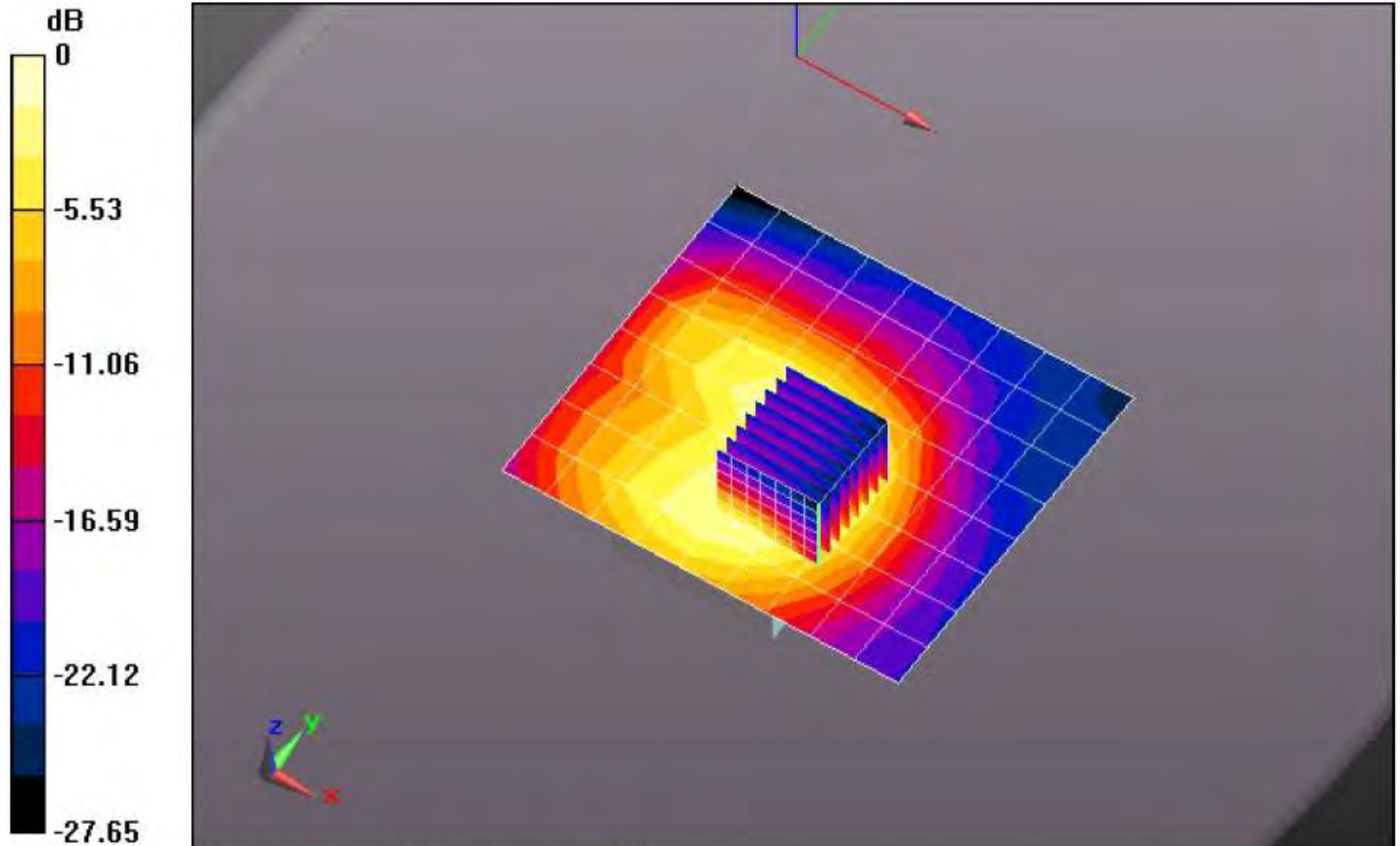
Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.50 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.371 W/kg

Maximum value of SAR (measured) = 0.715 W/kg



$$0 \text{ dB} = 0.678 \text{ W/kg} = -1.69 \text{ dBW/kg}$$

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

8. WCDMA V Antenna 0mm

Date/Time: 1/11/2018 12:04:48 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10011 - CAB, UMTS-FDD (WCDMA); Frequency: 836.6 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: $f = 837$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 52.68$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 21.1°C Medium Temperature: 23.3°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.38, 6.38, 6.38); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1092

I DASYS2 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.08 W/kg

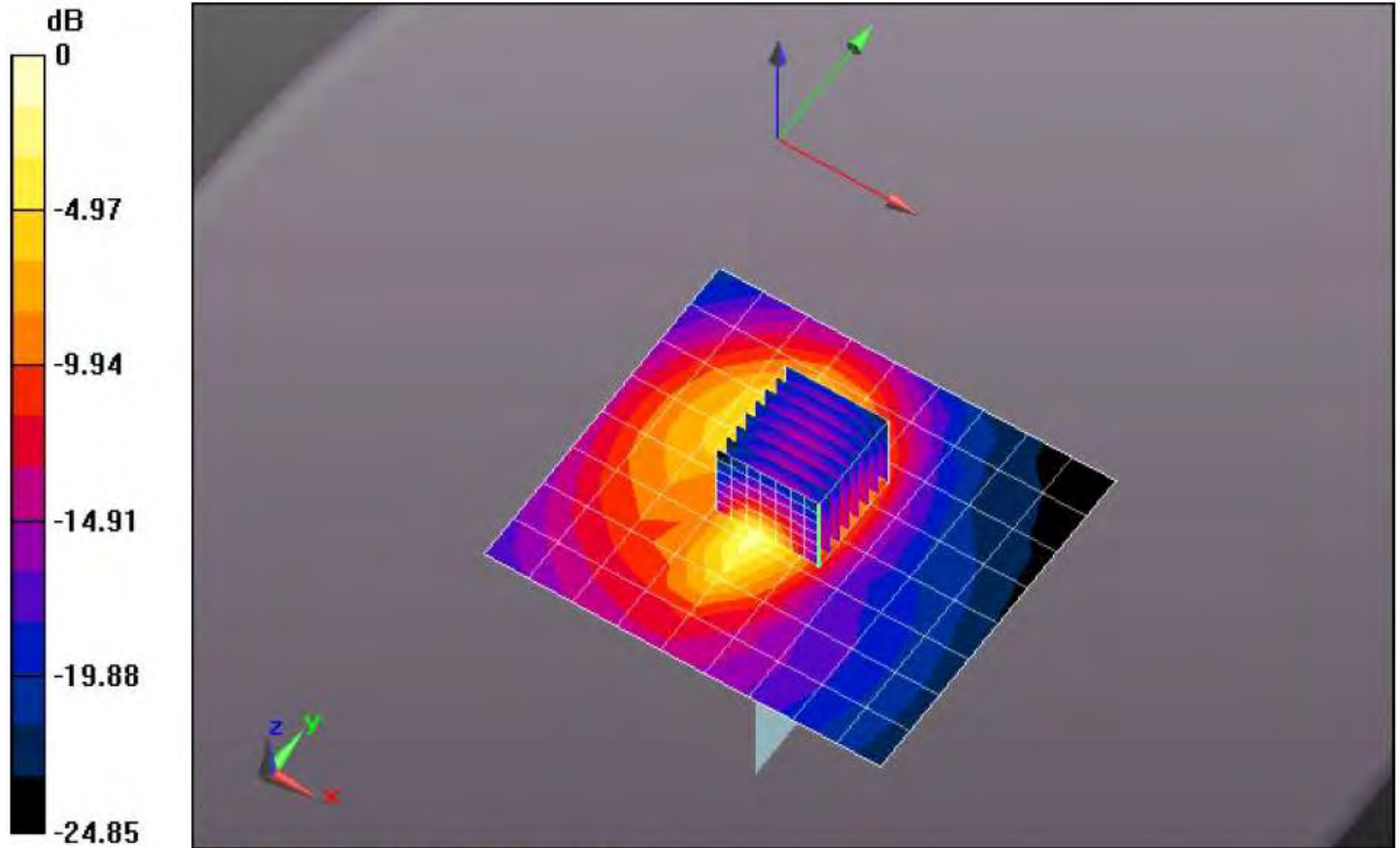
Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 33.06 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.468 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.08 W/kg = 0.34 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

9. LTE-2 Top 0mm

Date/Time: 11/22/2017 11:27:32 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 50.871$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 22.6°C Medium Temperature: 20.5°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASYS5 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.07 W/kg

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.743 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.07 V/m; Power Drift = -0.39 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.476 W/kg

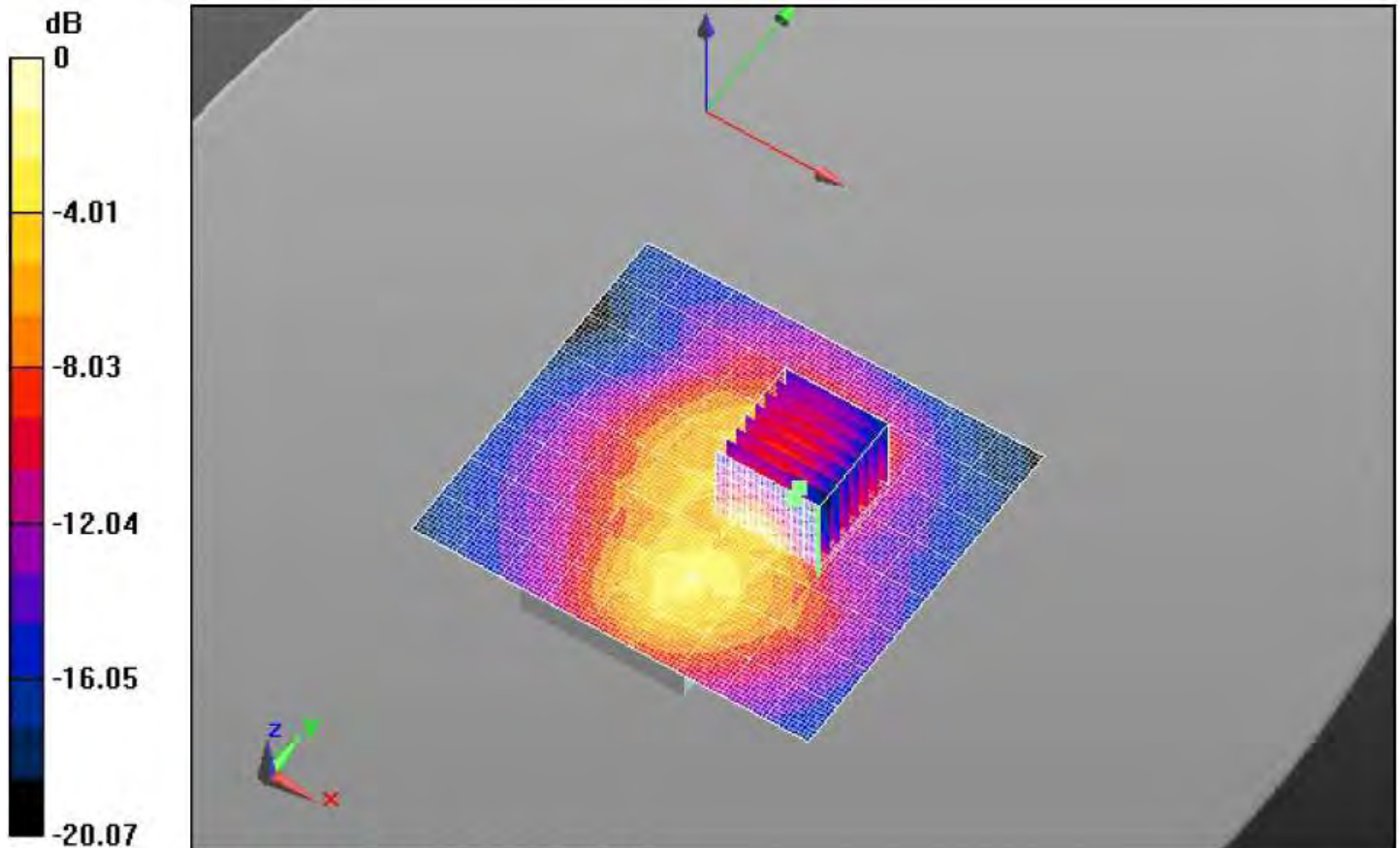
Maximum value of SAR (measured) = 1.11 W/kg

Flat-Section/Front 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm

Reference Value = 14.07 V/m; Power Drift = -0.39 dB

Penetration depth = 10.98 (10.39, 10.96) [mm]

Maximum value of SAR (interpolated) = 1.51 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

10. LTE-2 Top 0mm repeat

Date/Time: 11/22/2017 11:58:34 AM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 50.871$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 22.6±C Medium Temperature: 20.5±C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASYS2 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.730 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.59 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.474 W/kg

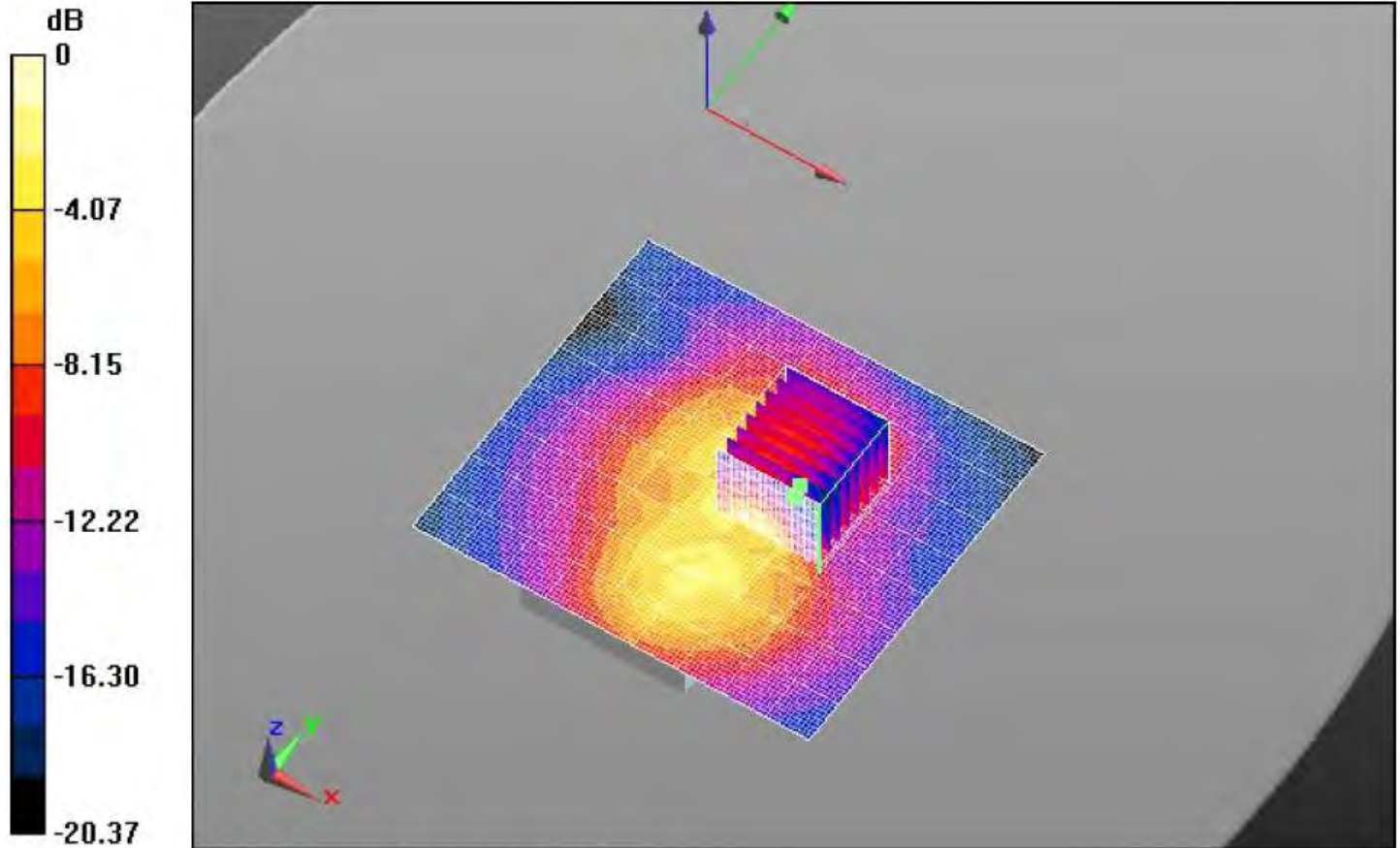
Maximum value of SAR (measured) = 1.09 W/kg

Flat-Section/Front 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

Reference Value = 13.59 V/m; Power Drift = -0.06 dB

Penetration depth = 10.98 (10.41, 10.91) [mm]

Maximum value of SAR (interpolated) = 1.50 W/kg



$$0 \text{ dB} = 1.06 \text{ W/kg} = 0.27 \text{ dBW/kg}$$

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

11. LTE-2 Bottom 5mm

Date/Time: 11/22/2017 2:12:21 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 50.871$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 22.5°C Medium Temperature: 20.5°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASYS5 52.8.8(1222);

Flat-Section/Bottom Side 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.966 W/kg

Flat-Section/Bottom Side 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.784 W/kg

Flat-Section/Bottom Side 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.203 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.399 W/kg

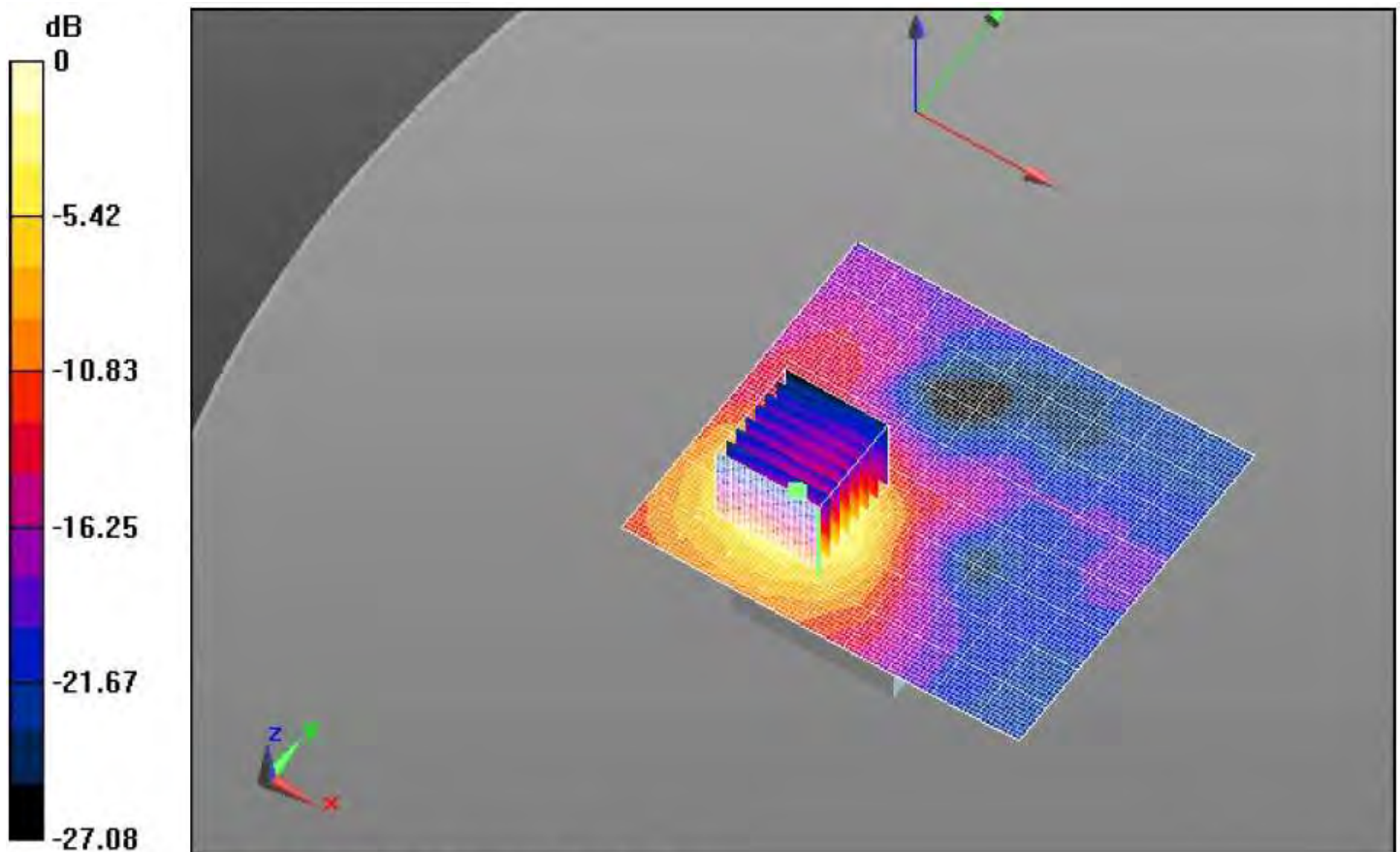
Maximum value of SAR (measured) = 0.898 W/kg

Flat-Section/Bottom Side 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm

Reference Value = 5.203 V/m; Power Drift = 0.03 dB

Penetration depth = 9.229 (8.603, 9.123) [mm]

Maximum value of SAR (interpolated) = 1.30 W/kg



0 dB = 0.966 W/kg = -0.15 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

12. LTE-2 Antenna 11mm

Date/Time: 11/22/2017 3:48:53 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1880 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 50.871$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.8°C Medium Temperature: 20.5°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASYS52 52.8.8(1222);

Flat-Section/Side 11mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.38 W/kg

Flat-Section/Side 11mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.18 W/kg

Flat-Section/Side 11mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.05 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.600 W/kg

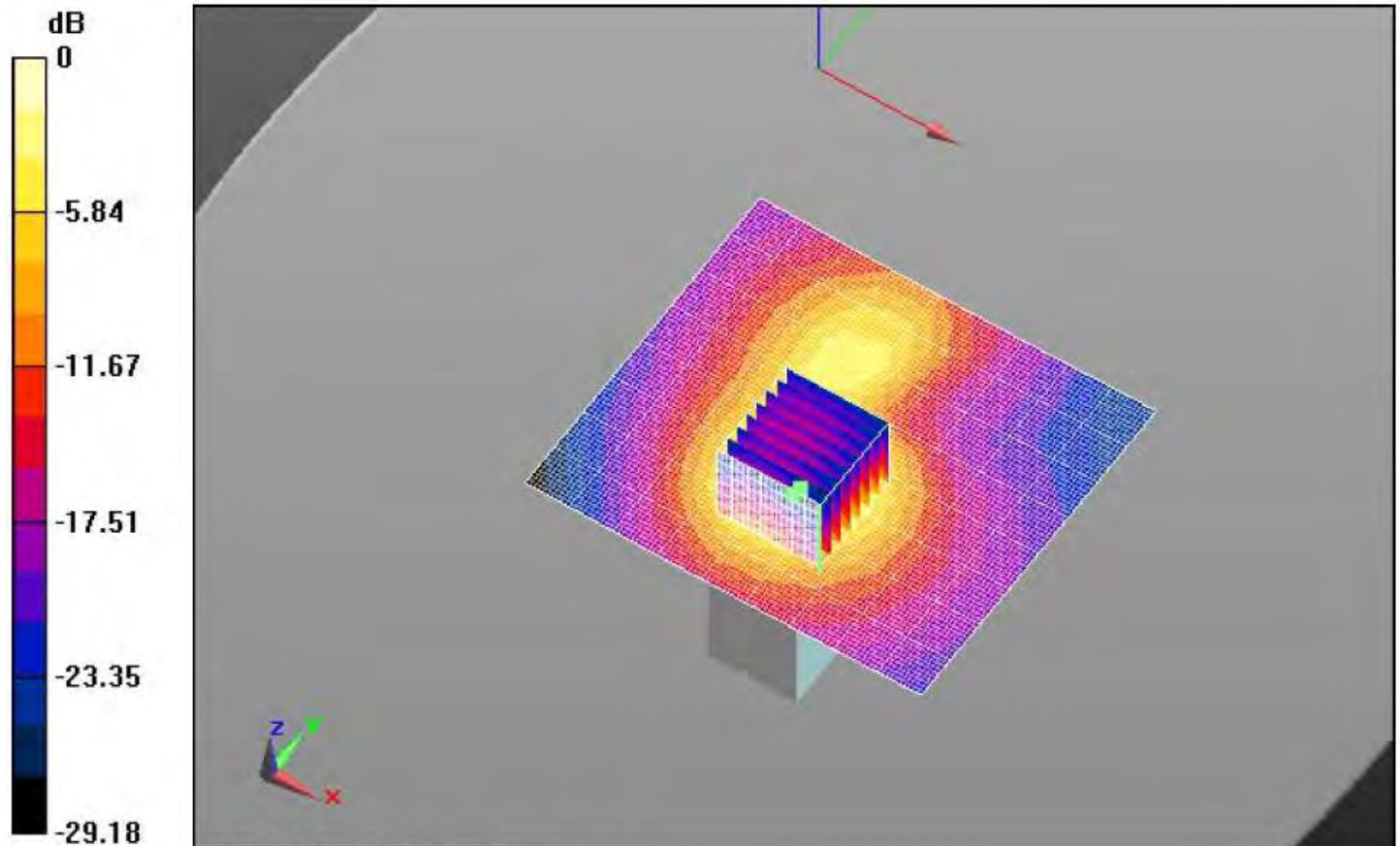
Maximum value of SAR (measured) = 1.35 W/kg

Flat-Section/Side 11mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm

Reference Value = 16.05 V/m; Power Drift = -0.05 dB

Penetration depth = 9.686 (9.328, 9.639) [mm]

Maximum value of SAR (interpolated) = 1.90 W/kg

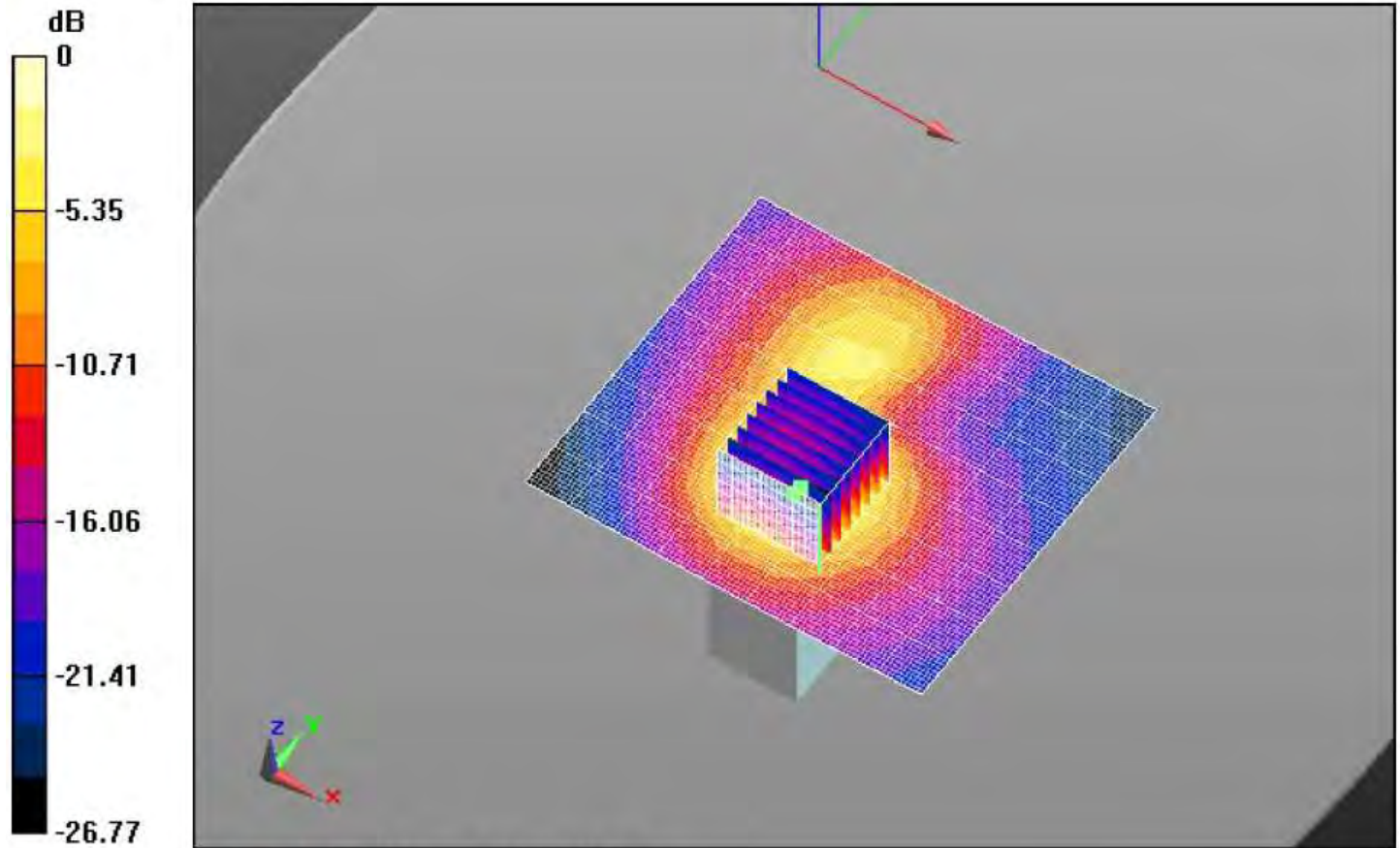


0 dB = 1.38 W/kg = 1.39 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

13. LTE-2 Antenna 11mm repeat

Date/Time: 11/22/2017 4:20:10 PM
 Test Laboratory: Cetecom Inc. SAR 1 Lab
 DUT: ID System; Type: EUT; Serial: **Not Specified**
 Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1880 MHz
 Medium: MSL1900_Batch 110615-4
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.559$ S/m; $\epsilon_r = 50.871$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS5 (IEEE/EC/ANSI C63.19-2007)
 Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.8±C Medium Temperature: 20.5±C; Comments:
 DASYS Configuration:
 I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;
 I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0
 I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
 I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx
 I DASYS2 52.8.8(1222);
Flat-Section/Side 11mm/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.37 W/kg
Flat-Section/Side 11mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.17 W/kg
Flat-Section/Side 11mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.16 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.583 W/kg
 Maximum value of SAR (measured) = 1.32 W/kg
Flat-Section/Side 11mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
 Reference Value = 16.16 V/m; Power Drift = -0.01 dB
 Penetration depth = 9.595 (9.174, 9.400) [mm]
 Maximum value of SAR (interpolated) = 1.87 W/kg



0 dB = 1.37 W/kg = 1.38 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

14. LTE-4 Top 0mm

Date/Time: 11/21/2017 3:24:03 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.222$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 22.0±C Medium Temperature: 20.3±C; Comments:

DASy Configuration:

I Probe: ES3DV3 - SN3323; ConvF(5.15, 5.15, 5.15); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.529 W/kg

Flat-Section/Front 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.555 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.68 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.520 W/kg

Flat-Section/Front 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm

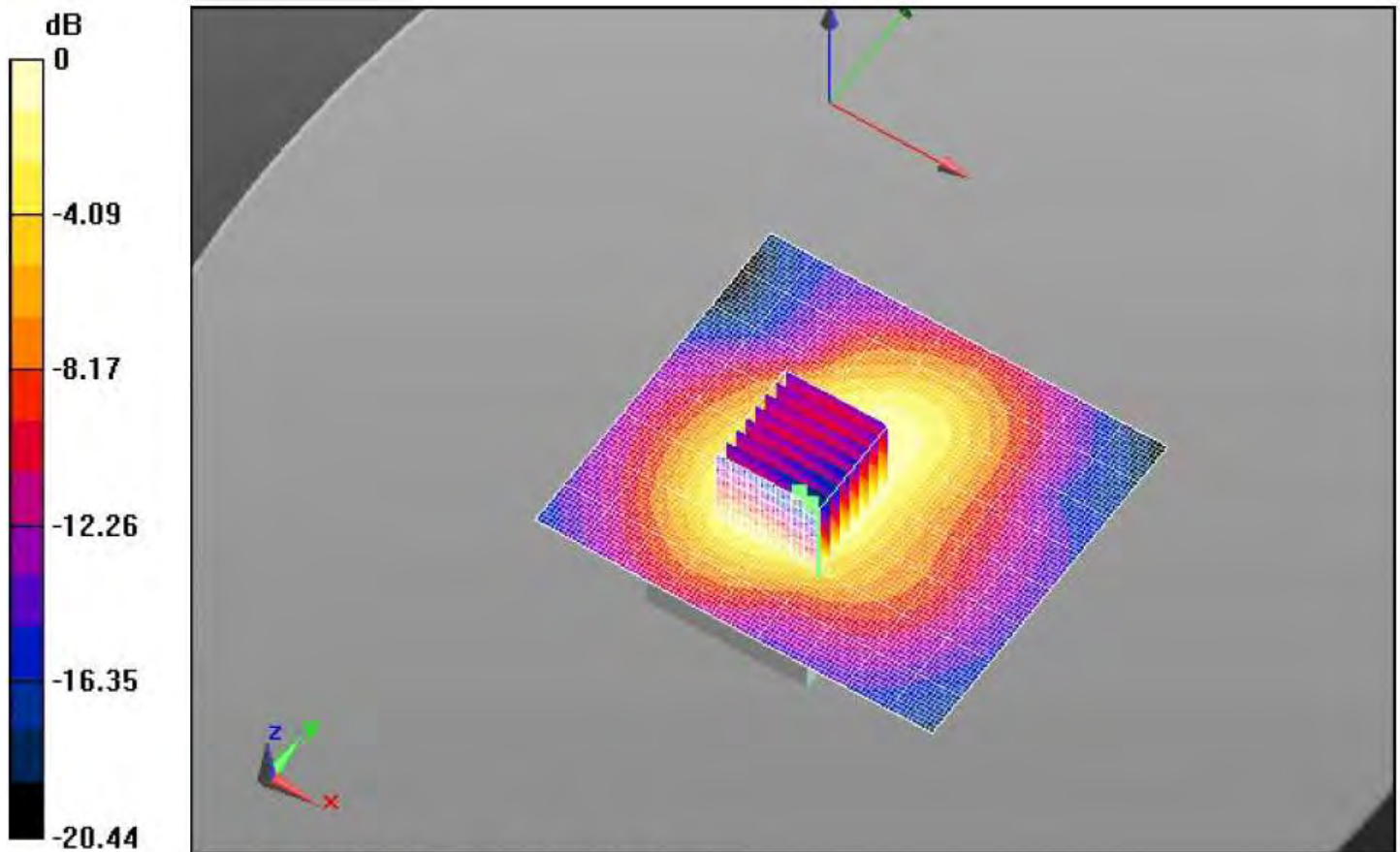
Reference Value = 18.68 V/m; Power Drift = -0.08 dB

Penetration depth = 11.38 (11.43, 11.41) [mm]

Maximum value of SAR (interpolated) = 0.679 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.68 V/m; Power Drift = -0.08 dB



$$0 \text{ dB} = 0.529 \text{ W/kg} = -2.77 \text{ dBW/kg}$$

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

15. LTE-4 Bottom 0mm

Date/Time: 11/21/2017 3:54:50 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.222$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.6±C Medium Temperature: 20.3±C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(5.15, 5.15, 5.15); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Bottomside 0mm/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

Flat-Section/Bottomside 0mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.11 W/kg

Flat-Section/Bottomside 0mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.35 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.609 W/kg

Maximum value of SAR (measured) = 1.19 W/kg

Flat-Section/Bottomside 0mm/Zoom Scan (41x41x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

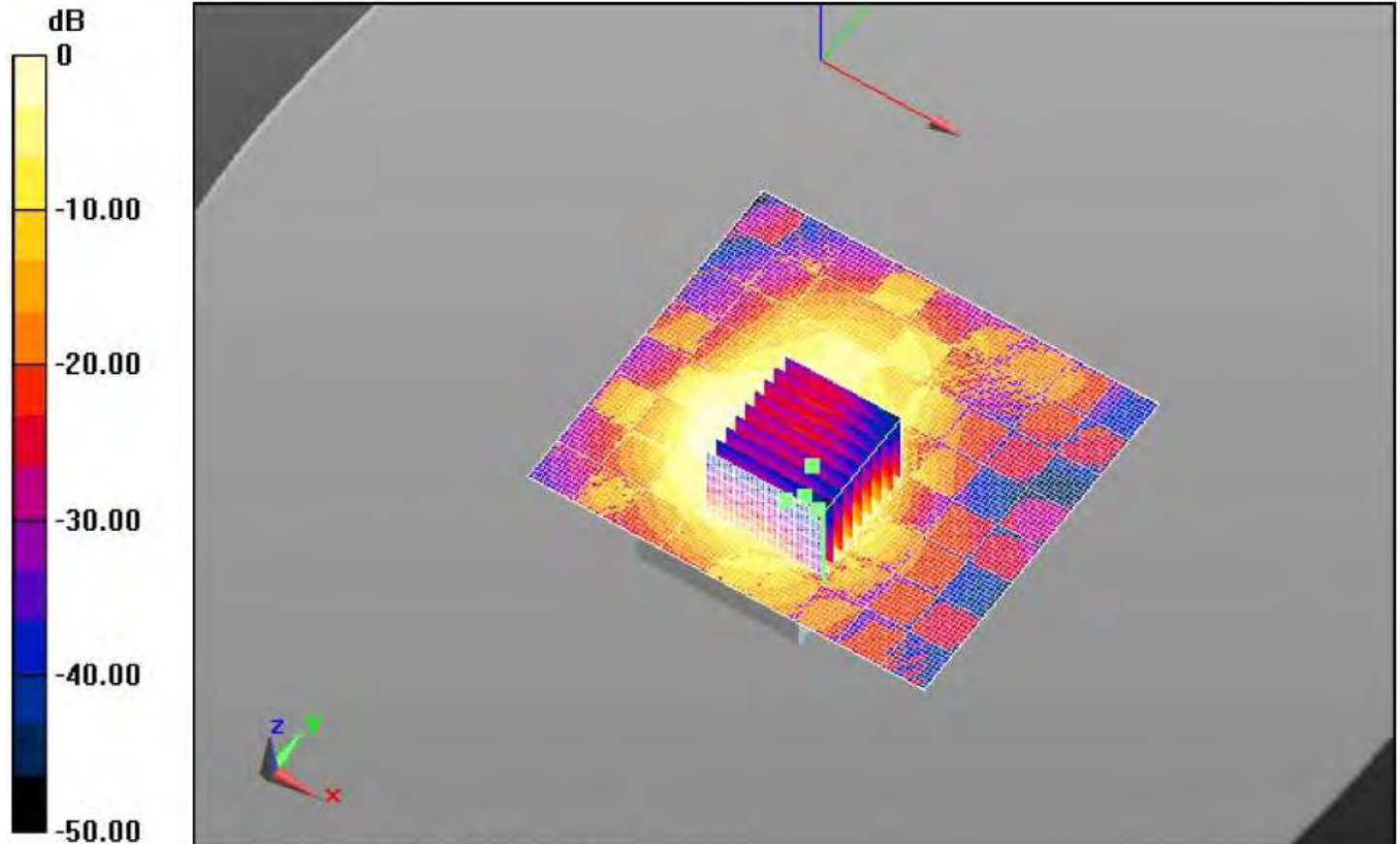
Reference Value = 24.35 V/m; Power Drift = -0.01 dB

Penetration depth = 11.38 (12.11, 13.03) [mm]

Maximum value of SAR (interpolated) = 1.47 W/kg

Flat-Section/Bottomside 0mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.35 V/m; Power Drift = -0.01 dB



0 dB = 1.33 W/kg = 1.24 dBW/kg

Test Report #:	SAR_I.DSytmes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

16. LTE-4 Bottom 0mm repeat

Date/Time: 11/21/2017 4:26:19 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.222$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.6±C Medium Temperature: 20.3±C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(5.15, 5.15, 5.15); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Bottom Side 0mm/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

Flat-Section/Bottom Side 0mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.12 W/kg

Flat-Section/Bottom Side 0mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.48 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.637 W/kg

Maximum value of SAR (measured) = 1.23 W/kg

Flat-Section/Bottom Side 0mm/Zoom Scan (41x41x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

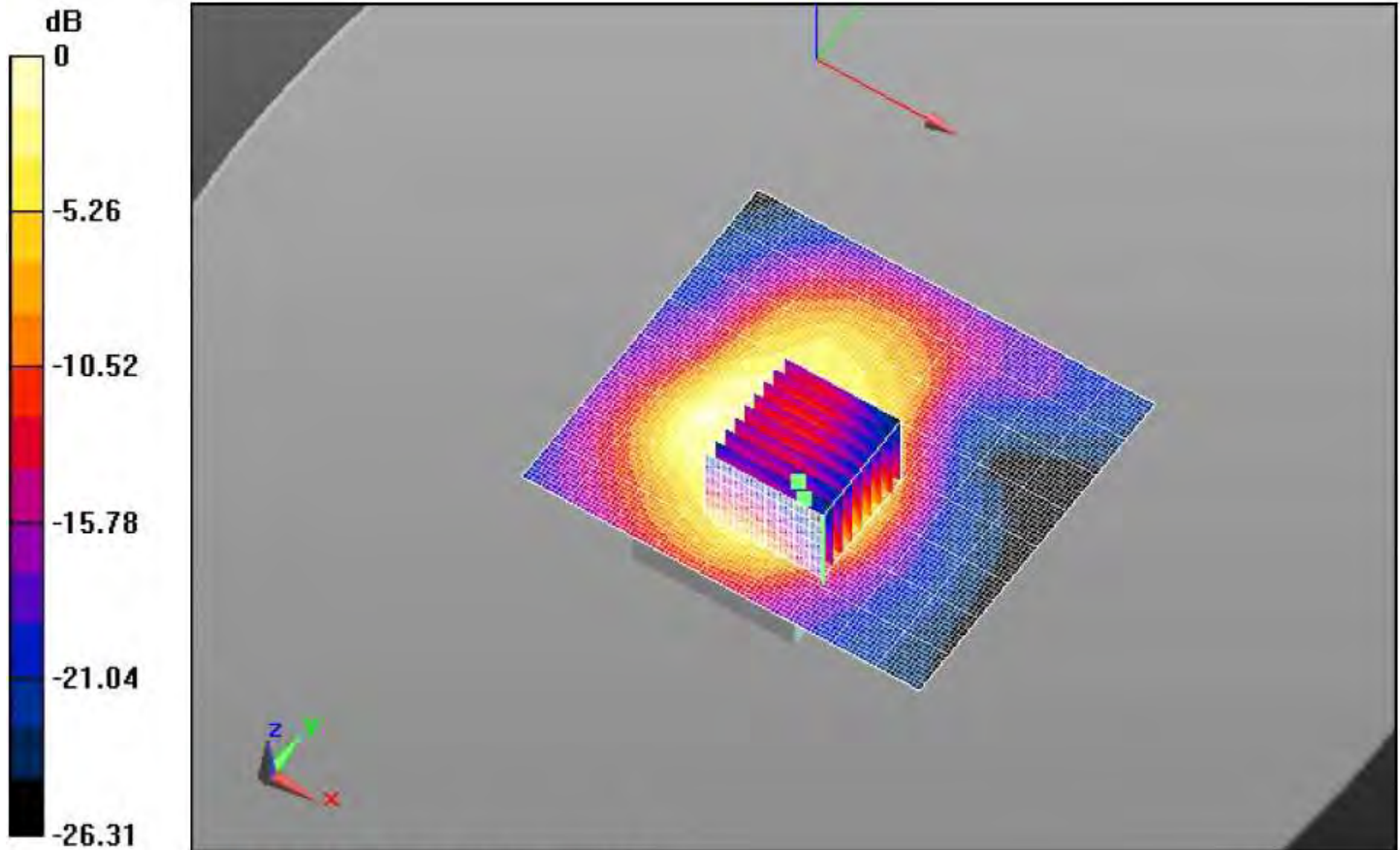
Reference Value = 24.48 V/m; Power Drift = -0.07 dB

Penetration depth = 12.05 (12.66, 11.50) [mm]

Maximum value of SAR (interpolated) = 1.57 W/kg

Flat-Section/Bottom Side 0mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.48 V/m; Power Drift = -0.07 dB



0 dB = 1.36 W/kg = 1.33 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

17. LTE-4 Antenna 0mm

Date/Time: 11/21/2017 5:04:11 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.222$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 23.1°C Medium Temperature: 20.7°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(5.15, 5.15, 5.15); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Side 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.40 W/kg

Flat-Section/Side 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.19 W/kg

Flat-Section/Side 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.06 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 1.40 W/kg

Flat-Section/Side 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm

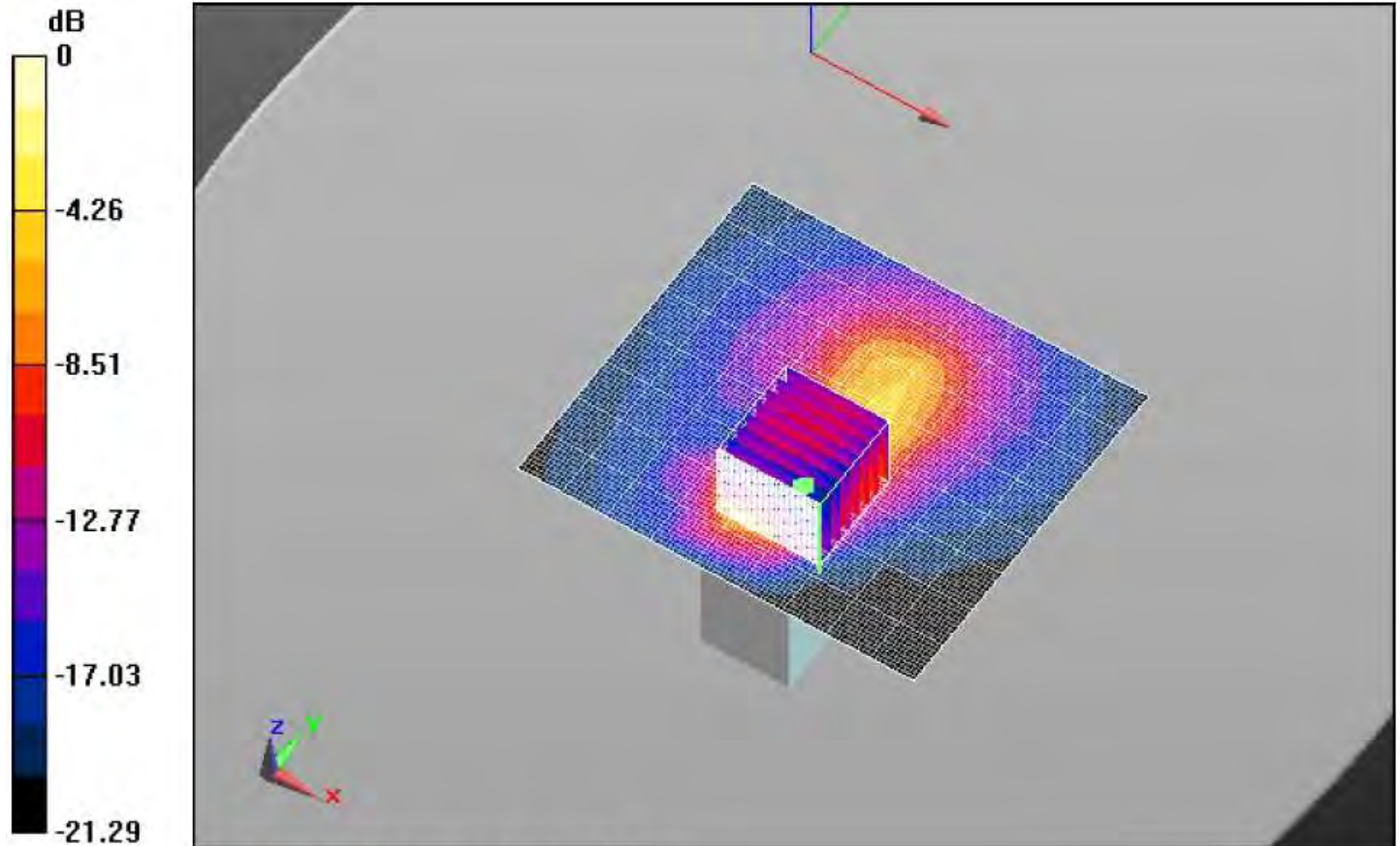
Reference Value = 11.06 V/m; Power Drift = -0.04 dB

Penetration depth = 8.477 (7.665, 8.739) [mm]

Maximum value of SAR (interpolated) = 2.17 W/kg

Flat-Section/Side 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.06 V/m; Power Drift = -0.04 dB



0 dB = 1.40 W/kg = 1.45 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

18. LTE-4 Antenna 0mm repeat

Date/Time: 11/21/2017 5:35:36 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 1732.5 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 51.222$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 23.1°C Medium Temperature: 20.7°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(5.15, 5.15, 5.15); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Side 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.49 W/kg

Flat-Section/Side 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.22 W/kg

Flat-Section/Side 0mm/Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.43 V/m; Power Drift = -0.42 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 1.43 W/kg

Flat-Section/Side 0mm/Zoom Scan (36x41x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm

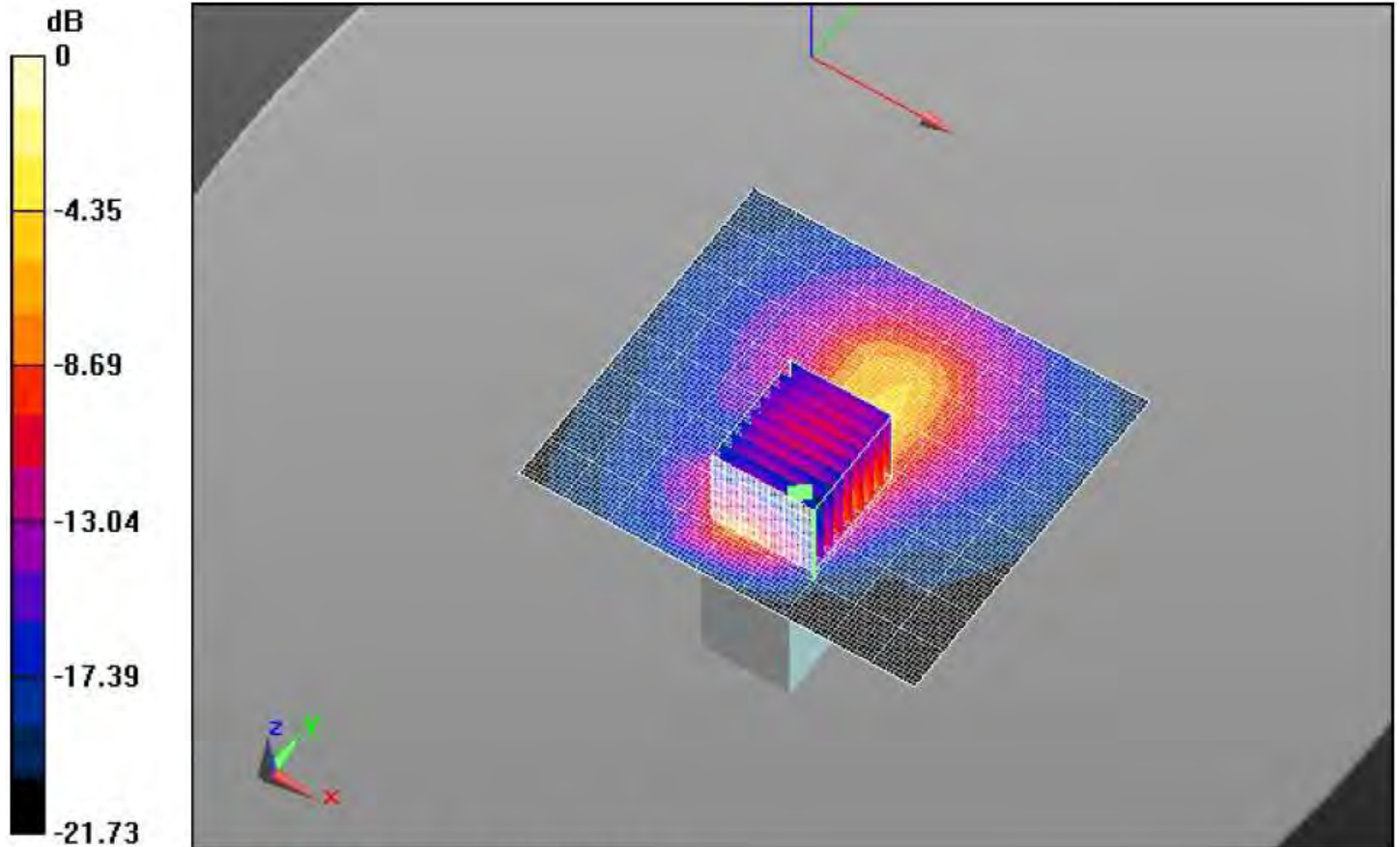
Reference Value = 11.43 V/m; Power Drift = -0.42 dB

Penetration depth = 8.190 (7.432, 8.339) [mm]

Maximum value of SAR (interpolated) = 2.21 W/kg

Flat-Section/Side 0mm/Zoom Scan (8x9x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.43 V/m; Power Drift = -0.42 dB



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

19. LTE-5 Top 0mm

Date/Time: 11/20/2017 5:43:28 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): f = 836.5 MHz; $\sigma = 1.002$ S/m; $\epsilon_r = 53.848$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 23.1°C Medium Temperature: 20.7°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.38, 6.38, 6.38); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0793 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.133 V/m; Power Drift = 0.55 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.038 W/kg

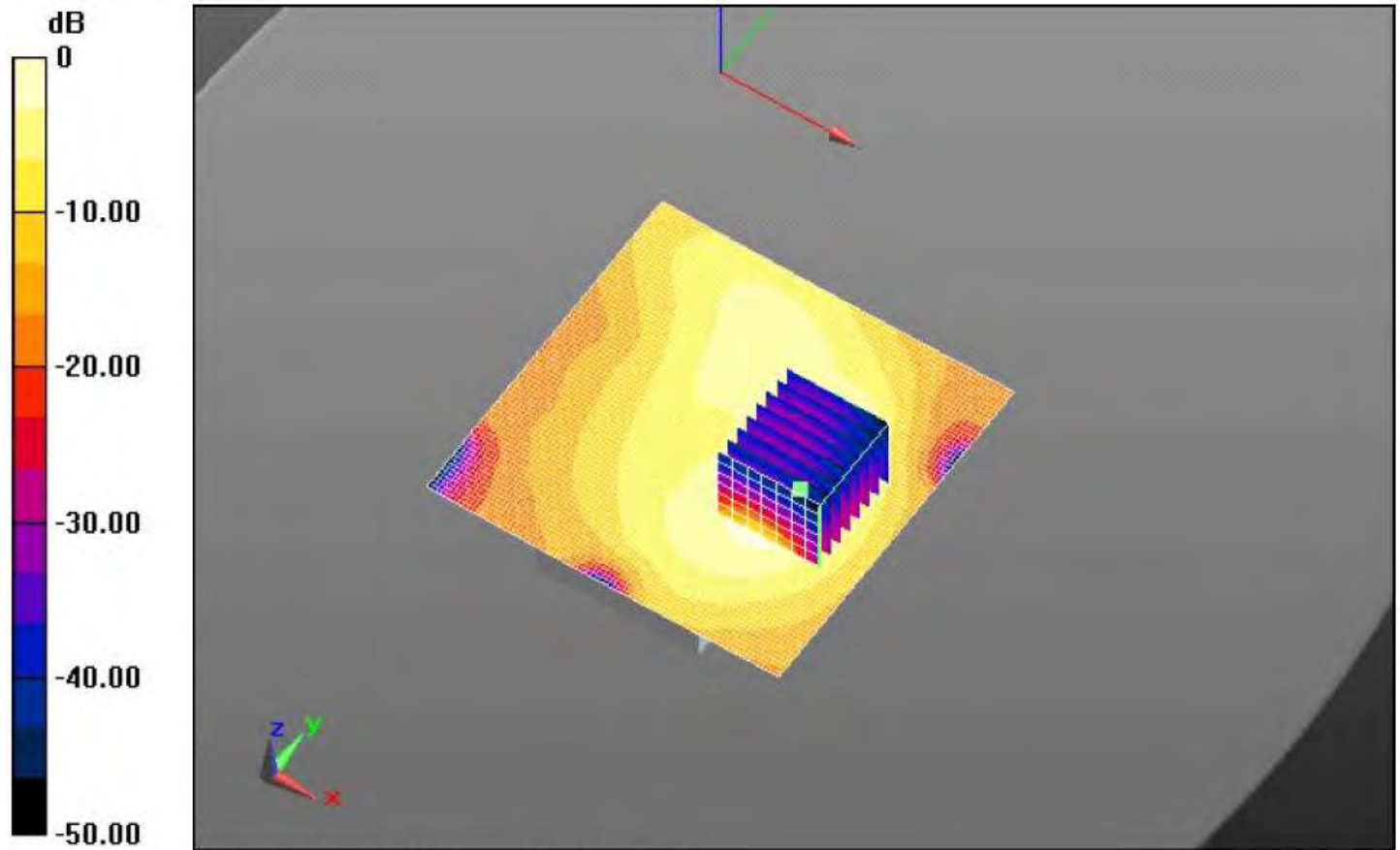
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0788 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.133 V/m; Power Drift = 0.55 dB

[Info: Interpolated medium parameters used for SAR evaluation.](#)



0 dB = 0.0793 W/kg = -11.01 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

20. LTE-5 Bottom 0mm

Date/Time: 11/20/2017 7:51:43 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): f = 836.5 MHz; $\sigma = 1.002$ S/m; $\epsilon_r = 53.848$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 23.1°C Medium Temperature: 20.7°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.38, 6.38, 6.38); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.754 W/kg

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.660 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.48 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 0.770 W/kg

Flat-Section/Front 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm

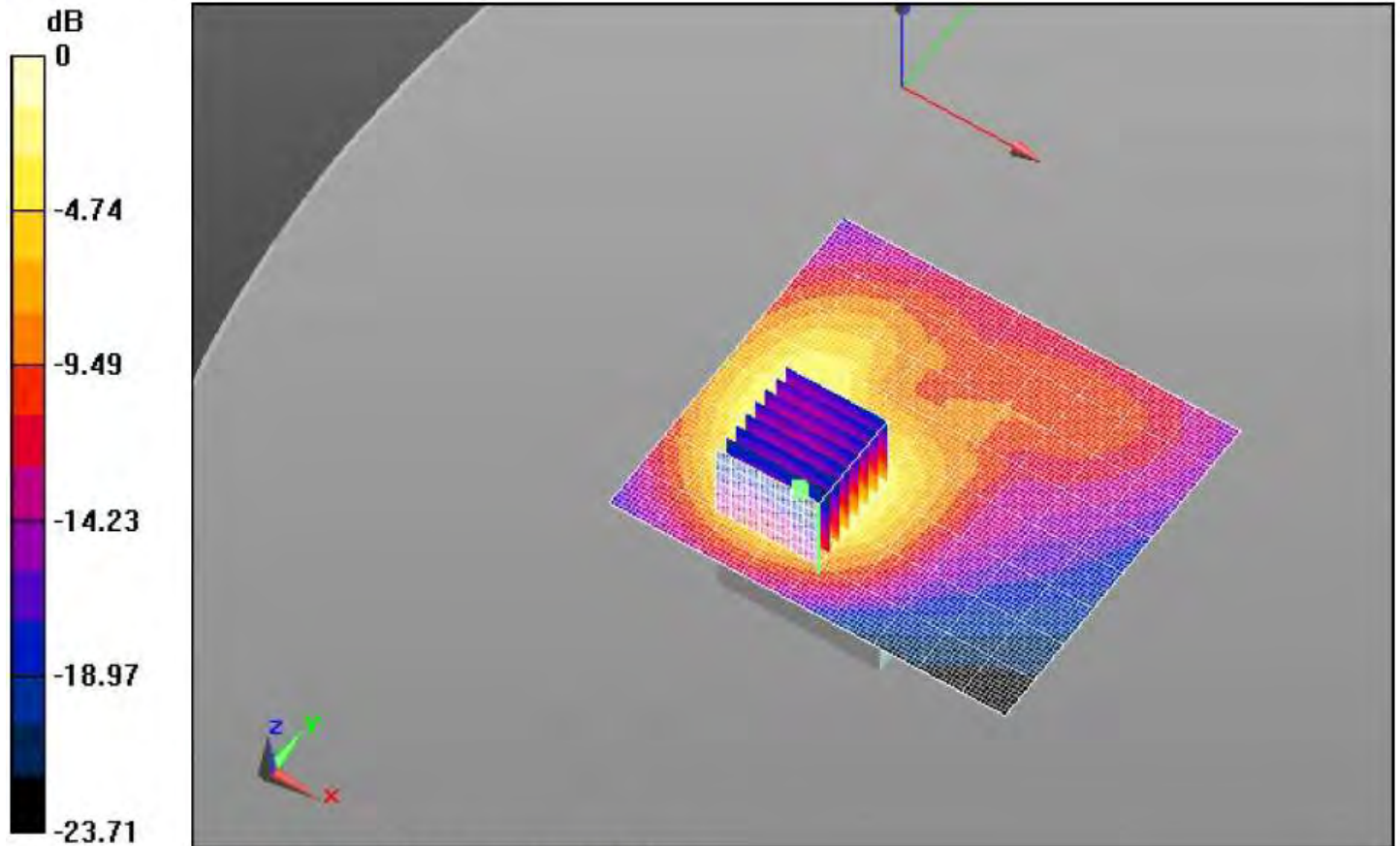
Reference Value = 15.48 V/m; Power Drift = 0.01 dB

Penetration depth = 10.85 (9.652, 12.23) [mm]

Maximum value of SAR (interpolated) = 1.07 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.48 V/m; Power Drift = 0.01 dB



0 dB = 0.754 W/kg = -1.23 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

21. LTE-5 Antenna 0mm

Date/Time: 11/20/2017 7:22:04 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 1.002 \text{ S/m}$; $\epsilon_r = 53.848$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 23.1°C Medium Temperature: 20.7°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.38, 6.38, 6.38); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.02 W/kg

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.890 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.76 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 1.06 W/kg

Flat-Section/Front 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$, $dz=1.000 \text{ mm}$

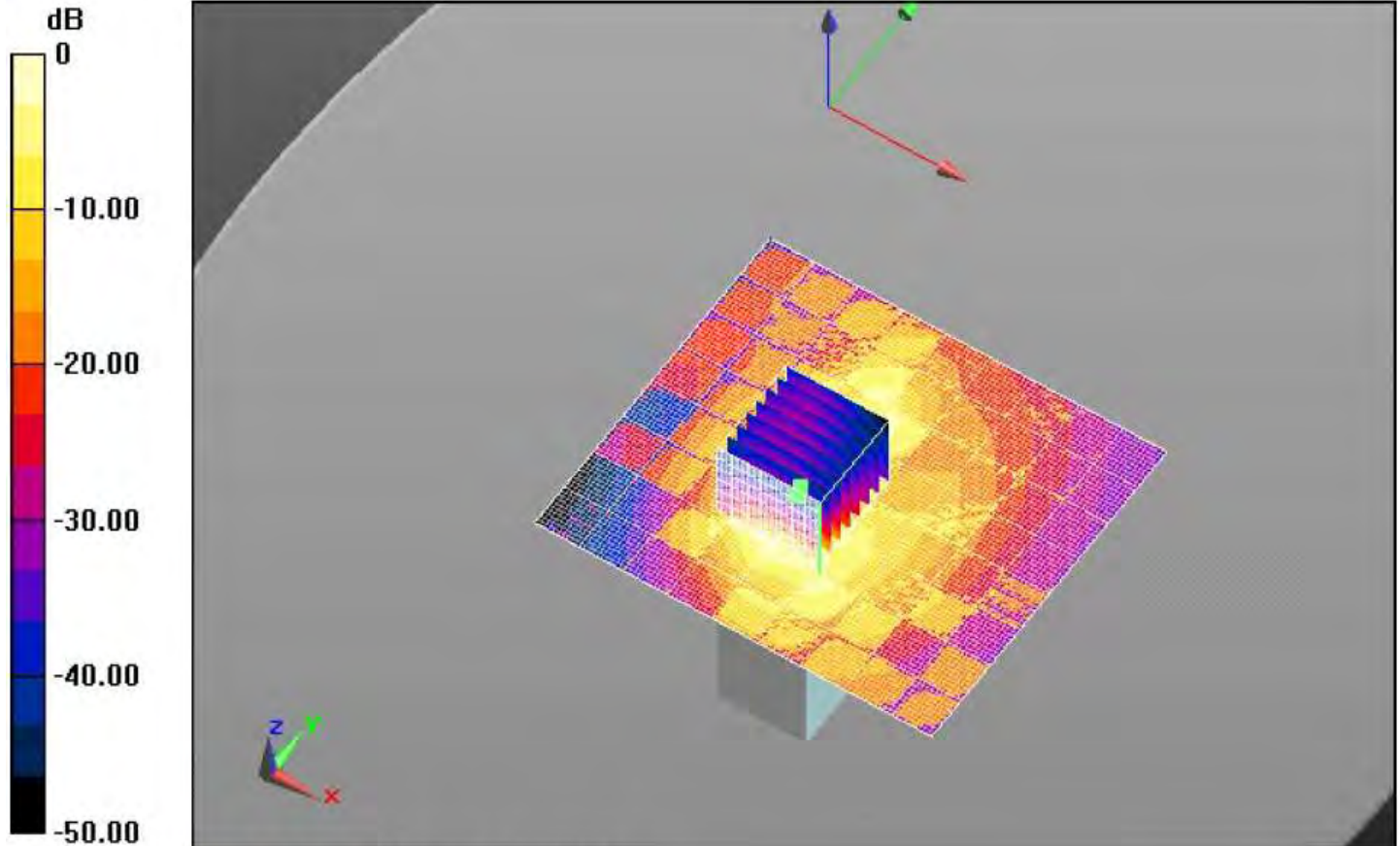
Reference Value = 29.76 V/m; Power Drift = 0.08 dB

Penetration depth = 9.943 (8.733, 11.23) [mm]

Maximum value of SAR (interpolated) = 1.54 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.76 V/m; Power Drift = 0.08 dB



0 dB = 1.02 W/kg = 0.10 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

22. LTE-12 Top 0mm

Date/Time: 11/22/2017 6:48:29 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: ID System; Type: EUT; Serial: **Not Specified**

Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 55.431$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.2±C Medium Temperature: 19.1±C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.49, 6.49, 6.49); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1092

I DASy52 52.8.8(1222);

Flat-Section/Front 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.586 W/kg

Flat-Section/Front 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.536 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.21 V/m; Power Drift = -0.21 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.663 W/kg

Flat-Section/Front 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm

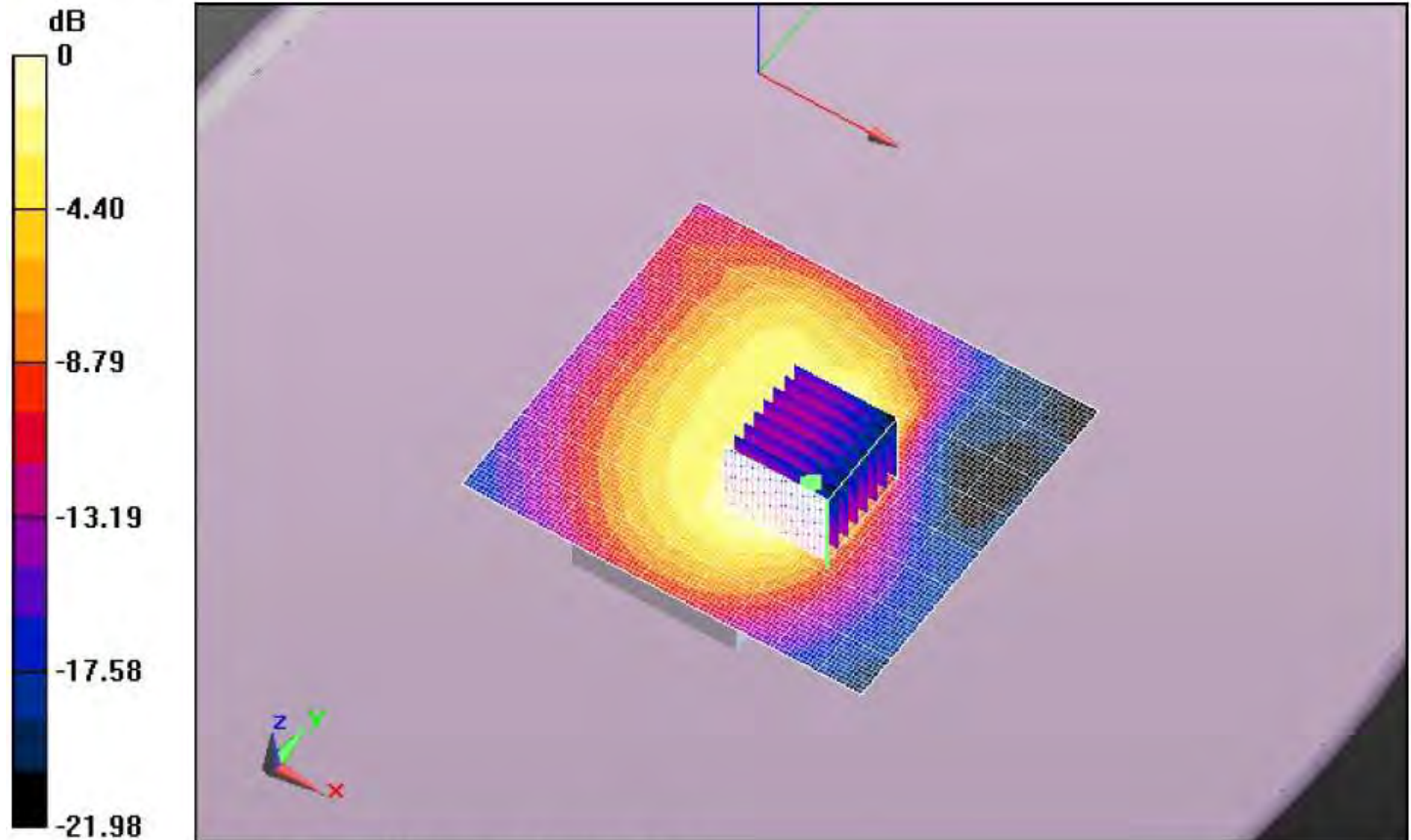
Reference Value = 18.21 V/m; Power Drift = -0.21 dB

Penetration depth = 12.08 (10.16, 13.83) [mm]

Maximum value of SAR (interpolated) = 0.917 W/kg

Flat-Section/Front 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.21 V/m; Power Drift = -0.21 dB

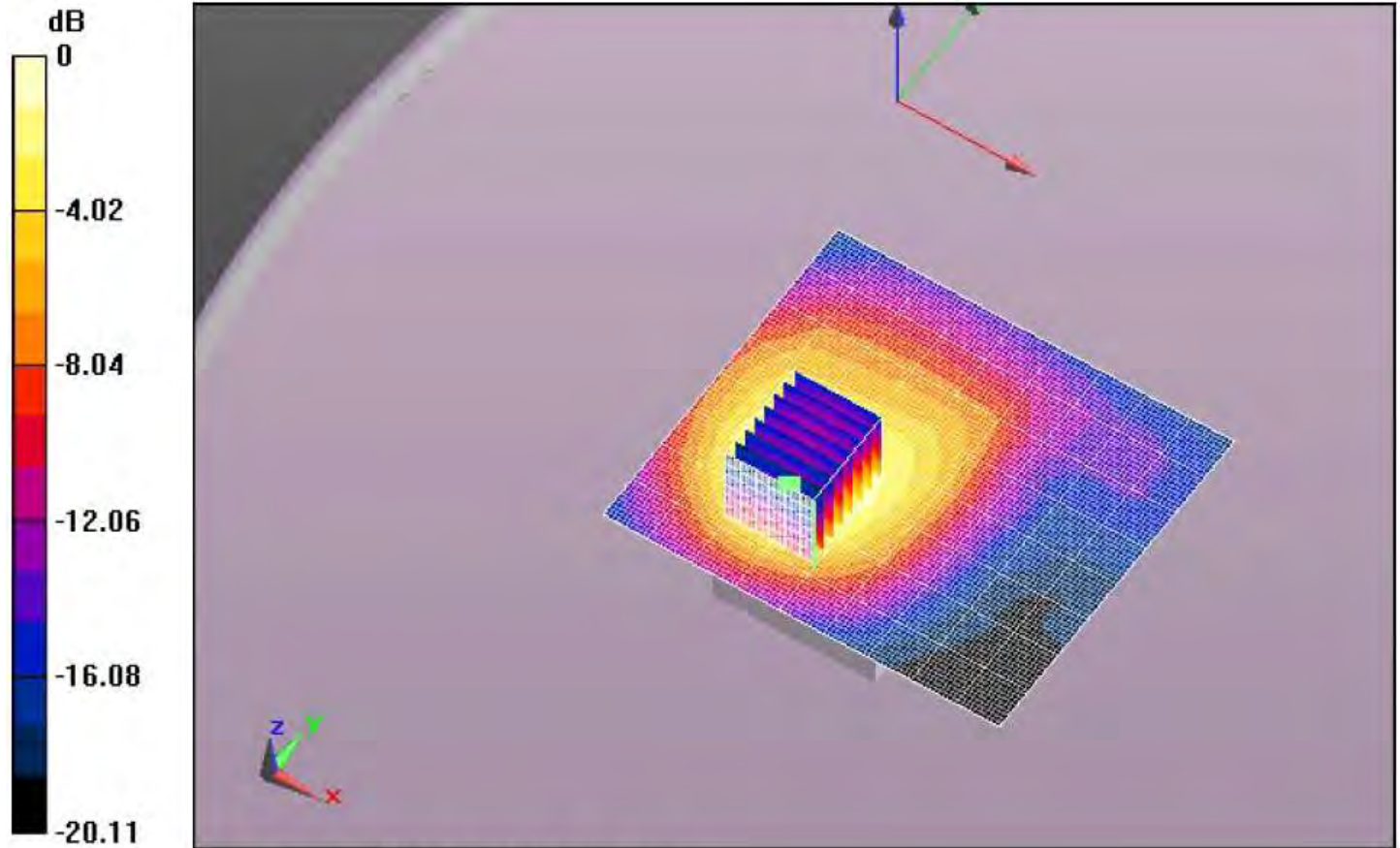


$$0 \text{ dB} = 0.586 \text{ W/kg} = -2.32 \text{ dBW/kg}$$

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

23. LTE-12 Bottom 0mm

Date/Time: 11/22/2017 7:32:40 PM
 Test Laboratory: Cetecom Inc. SAR 1 Lab
 DUT: ID System; Type: EUT; Serial: **Not Specified**
 Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz
 Medium: MSL750_Batch 110526-1
 Medium parameters used (interpolated): f = 707.5 MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 55.431$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)
 Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.2±C Medium Temperature: 19.1±C; Comments:
 DASy Configuration:
 I Probe: ES3DV3 - SN3323; ConvF(6.49, 6.49, 6.49); Calibrated: 5/12/2017;
 I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0
 I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
 I Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1092
 I DASy52 52.8.8(1222);
Flat-Section/Bottom 0mm/Area Scan (91x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.764 W/kg
Flat-Section/Bottom 0mm/Area Scan (10x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.693 W/kg
Flat-Section/Bottom 0mm/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 19.31 V/m; Power Drift = 0.65 dB
 Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.418 W/kg
 Maximum value of SAR (measured) = 0.764 W/kg
Flat-Section/Bottom 0mm/Zoom Scan (31x36x36)/Cube 0: Interpolated grid: dx=1.000 mm, dy=1.000 mm, dz=1.000 mm
 Reference Value = 19.31 V/m; Power Drift = 0.65 dB
 Penetration depth = 12.43 (11.99, 13.34) [mm]
 Maximum value of SAR (interpolated) = 0.983 W/kg
Flat-Section/Bottom 0mm/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 19.31 V/m; Power Drift = 0.65 dB

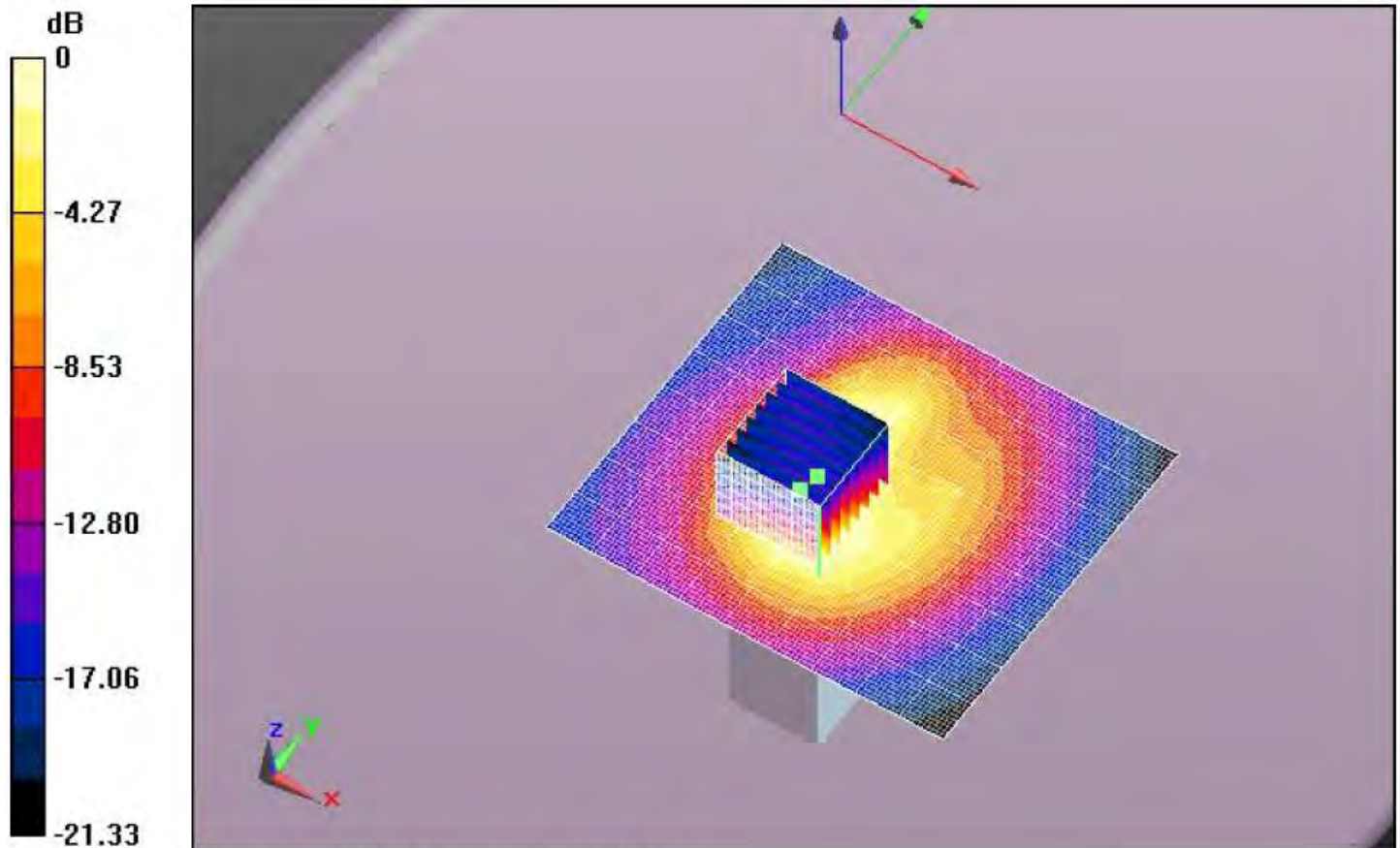


0 dB = 0.764 W/kg = -1.17 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

24. LTE-12 Antenna 0mm

Date/Time: 11/22/2017 8:00:44 PM
 Test Laboratory: Cetecom Inc. SAR 1 Lab
 DUT: ID System; Type: EUT; Serial: **Not Specified**
 Communication System: UID 10175 - CAB, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz
 Medium: MSL750_Batch 110526-1
 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 55.431$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)
 Procedure Notes: Test Technician: Lynn Air Temperature: 21.8°C Medium Temperature: 19.1°C; Comments:
 DASy Configuration:
 I Probe: ES3DV3 - SN3323; ConvF(6.49, 6.49, 6.49); Calibrated: 5/12/2017;
 I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 2.0$
 I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017
 I Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1092
 I DASy52 52.8.8(1222);
Flat-Section/Side 0mm/Area Scan (91x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 0.722 W/kg
Flat-Section/Side 0mm/Area Scan (10x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.675 W/kg
Flat-Section/Side 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 24.04 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.365 W/kg
 Maximum value of SAR (measured) = 0.869 W/kg
Flat-Section/Side 0mm/Zoom Scan (36x36x36)/Cube 0: Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm, $dz=1.000$ mm
 Reference Value = 24.04 V/m; Power Drift = 0.14 dB
 Penetration depth = 9.106 (7.967, 10.28) [mm]
 Maximum value of SAR (interpolated) = 1.34 W/kg
Flat-Section/Side 0mm/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 24.04 V/m; Power Drift = 0.14 dB



0 dB = 0.722 W/kg = -1.42 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

25. Dipole verification 750 MHz

Date/Time: 11/22/2017 5:47:39 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 750 MHz - D750V3 - SN1032_April 2016; Type: D750V3; Serial: D750V3 - SN:1032

Communication System: UID 0, CW (0); Frequency: 750 MHz

Medium: MSL750_Batch 110526-1

Medium parameters used: $f = 750$ MHz; $\sigma = 0.964$ S/m; $\epsilon_r = 54.896$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Joseph ; Air Temperature: 21.6±C; Medium Temperature:19.1±C ; Comments: ;

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.49, 6.49, 6.49); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 32.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1092

I DASy52 52.8(1222);

System Performance Check 750 MHz Head/d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

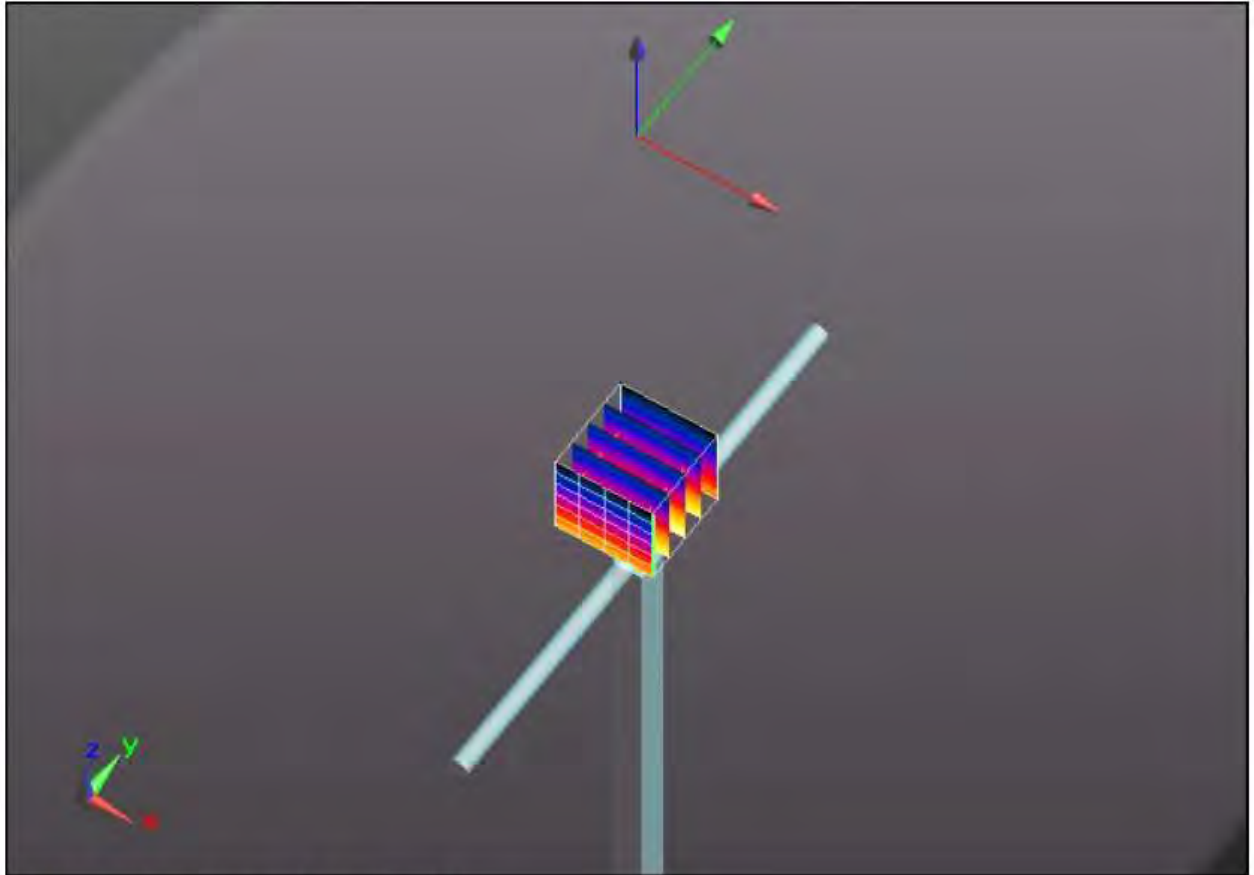
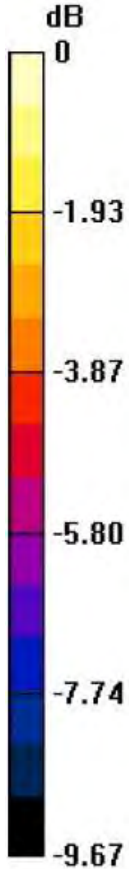
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.45 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.43 W/kg

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.90 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

26. Dipole verification 900 MHz

Date/Time: 11/20/2017 2:33:25 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:xxx

Communication System: UID 0, CW (0); Frequency: 900 MHz

Medium: MSL900_Batch 110518-7

Medium parameters used: f = 900 MHz; $\sigma = 1.064$ S/m; $\epsilon_r = 53.341$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn Air Temperature: 23.1°C Medium Temperature: 20.7°C; Comments:

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(6.31, 6.31, 6.31); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASy52 52.8.8(1222);

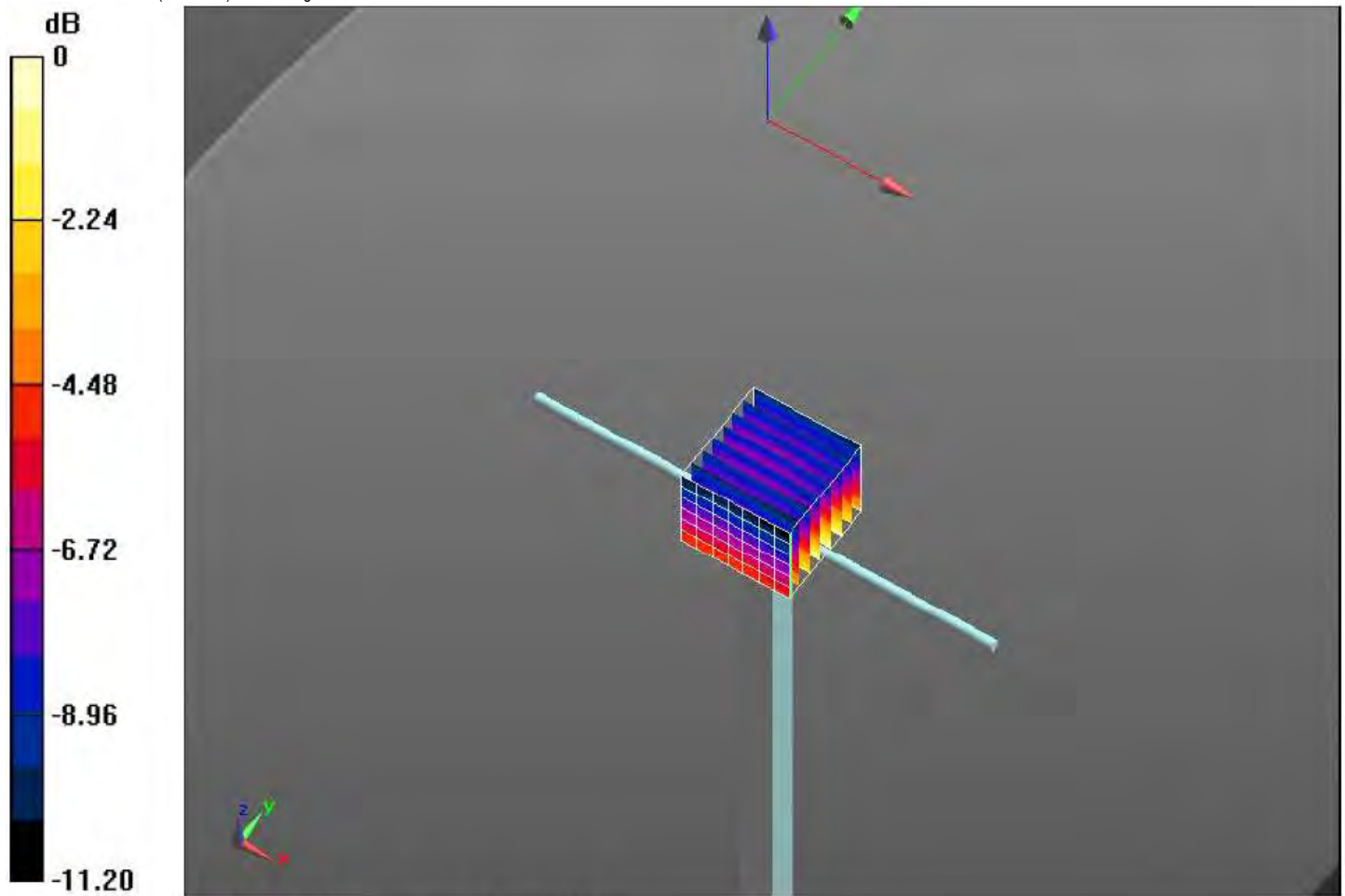
Flat-Section/Front 0mm 2/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.03 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.47 W/kg

Maximum value of SAR (measured) = 2.61 W/kg



0 dB = 2.61 W/kg = 4.17 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

27. Dipole verification 1750 MHz

Date/Time: 11/21/2017 2:28:50 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1750 MHz - D1750V2 - SN1045_April 2016; Type: D1750V2; Serial: D1750V2 - SN:1045

Communication System: UID 0, CW; Frequency: 1750 MHz

Medium: MSL1750_Batch 100824-2

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.526$ S/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: John; Air Temperature: 22.2°C; Medium Temperature: 21.2°C; Comments: ;

DASY Configuration:

I Probe: ES3DV3 - SN3323; ConvF(5.15, 5.15, 5.15); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: TP:xxxx

I DASYS2 52.8.8(1222);

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=.1W, dist=3.0mm (ES-Probe)/Area Scan (4x4x1): Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 10.8 W/kg

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=.1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7)

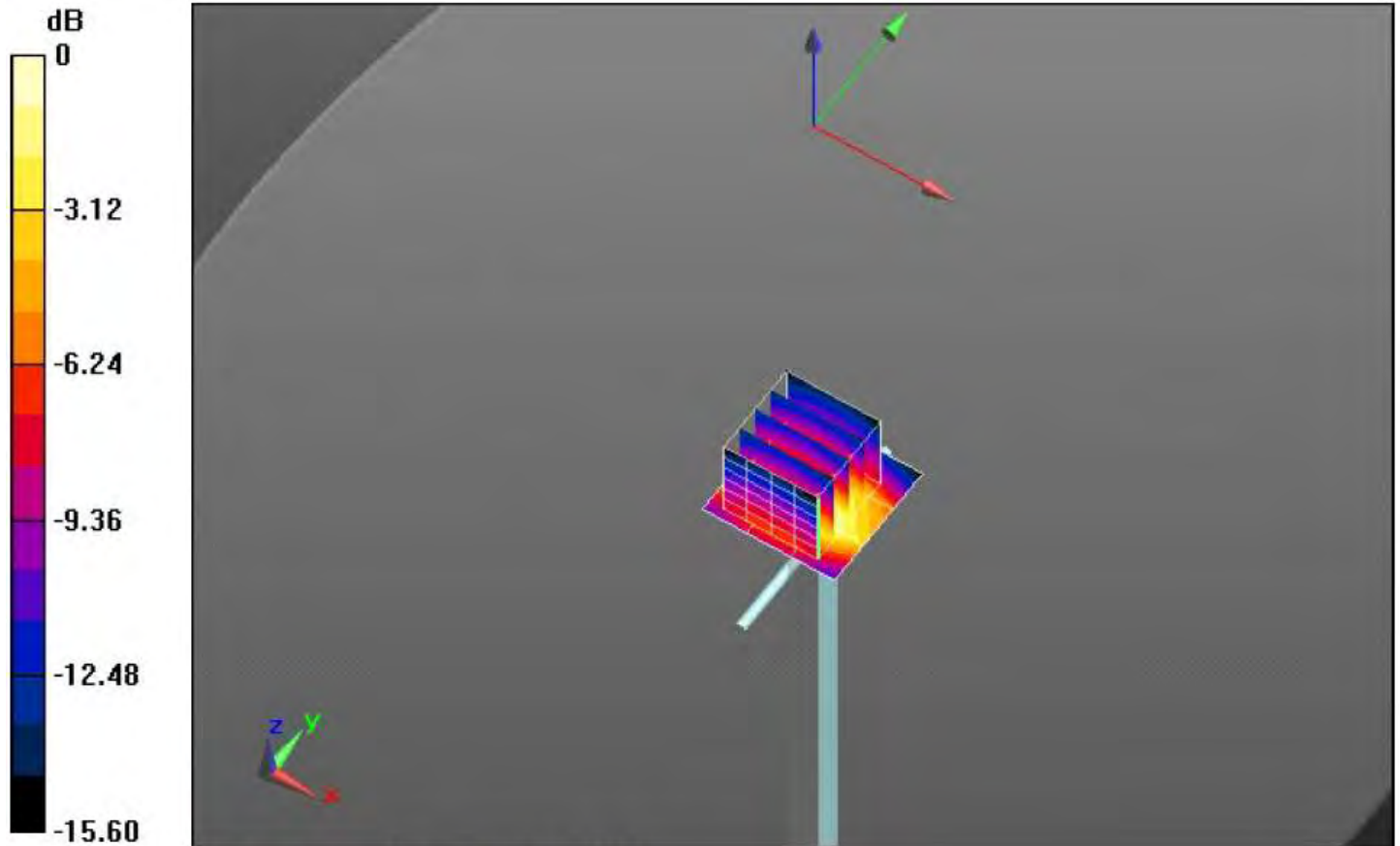
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 95.12 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.54 W/kg

Maximum value of SAR (measured) = 13.1 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

Test Report #:	SAR_I.DSytemes_Appendix_A	FCC ID:	N5VMVAC30	CETECOM™
Date of Report:	2018-12-1	IC Cert. No.:	3802A-MVAC30	

28. Dipole verification 1900 MHz

Date/Time: 11/22/2017 4:59:35 PM

Test Laboratory: Cetecom Inc. SAR 1 Lab

DUT: Dipole 1900 MHz - D1900V2 - SN5d135, April 2016; Type: D1900V2; Serial: D1900V2 - SN:5d135

Communication System: UID 10000, CW; Frequency: 1900 MHz

Medium: MSL1900_Batch 110615-4

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.577$ S/m; $\epsilon_r = 50.836$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

Procedure Notes: Test Technician: Lynn/Joseph Air Temperature: 21.4°C; Medium Temperature: 20.5°C; Comments: ;

DASy Configuration:

I Probe: ES3DV3 - SN3323; ConvF(4.97, 4.97, 4.97); Calibrated: 5/12/2017;

I Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 32.0$

I Electronics: DAE4 Sn1266; Calibrated: 5/16/2017

I Phantom: ELI v4.0_Front; Type: QDOVA001BB; Serial: 1124

I DASy52 52.8(1222);

System Performance Check at Frequencies above 1 GHz/OBS_d=10mm, Pin=1W, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7)

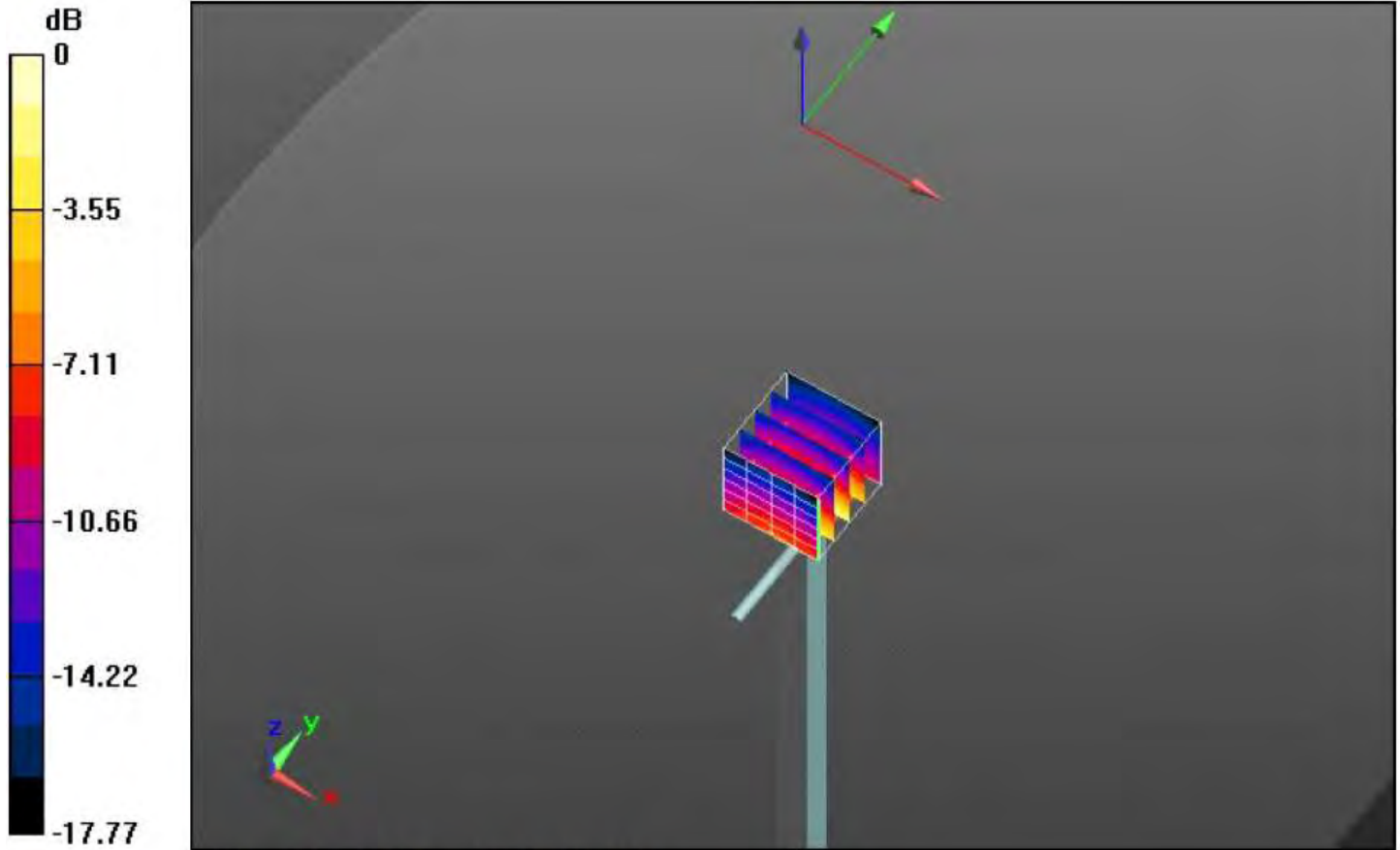
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.03 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 9.45 W/kg; SAR(10 g) = 4.89 W/kg

Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg