

APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. HEAD SAR MEASUREMENTS

| | | | | | Power Drift (dB) | Device Back Facing Phantom (Required Mounting Per User Manual) | | Power Drift (dB) | Device Front Facing Phantom (Least Antenna Separation Distance) | |
|---------------------------|------------|---------|-----------------|-------------|------------------|--|---------------|------------------|---|---------------|
| | | | | | | Measured HEAD | | | Measured HEAD | |
| Device Model | Device S/N | Channel | Frequency (MHz) | Power (dBm) | | SAR1g (mW/g) | SAR10g (mW/g) | | SAR1g (mW/g) | SAR10g (mW/g) |
| QT-300 Incognito 100mW | 30053 | 1 | 470 | 19.87 | 0.340 | 0.741 | 0.439 | 0.000 | 0.882 | 0.506 |
| | | 2 | 489 | 19.87 | | | | 0.000 | 0.729 | 0.422 |
| | | 3 | 508 | 19.89 | | | | 0.000 | 0.512 | 0.290 |
| | | 4 | 526 | 19.99 | | | | 0.000 | 0.433 | 0.241 |
| | | 5 | 545 | 20.04 | | | | 0.000 | 0.416 | 0.234 |

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 470MHZ 100MW FRONT 30053 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30053

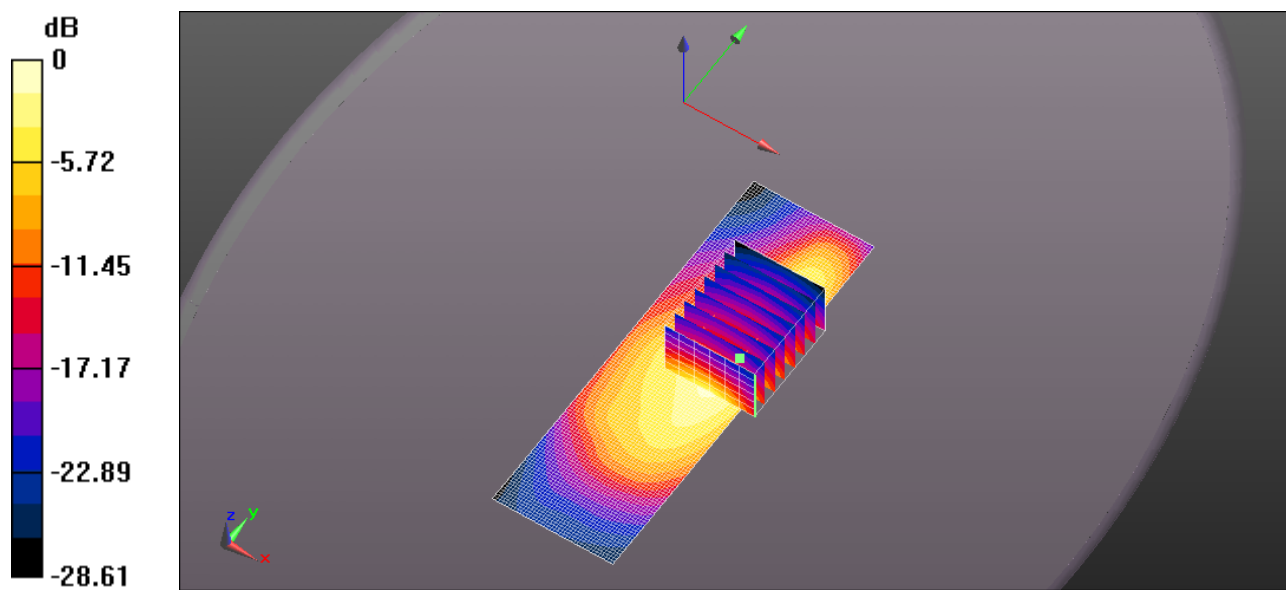
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 470$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 44.721$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 40.27 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.506 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 470MHZ 100MW BACK 30053 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30053

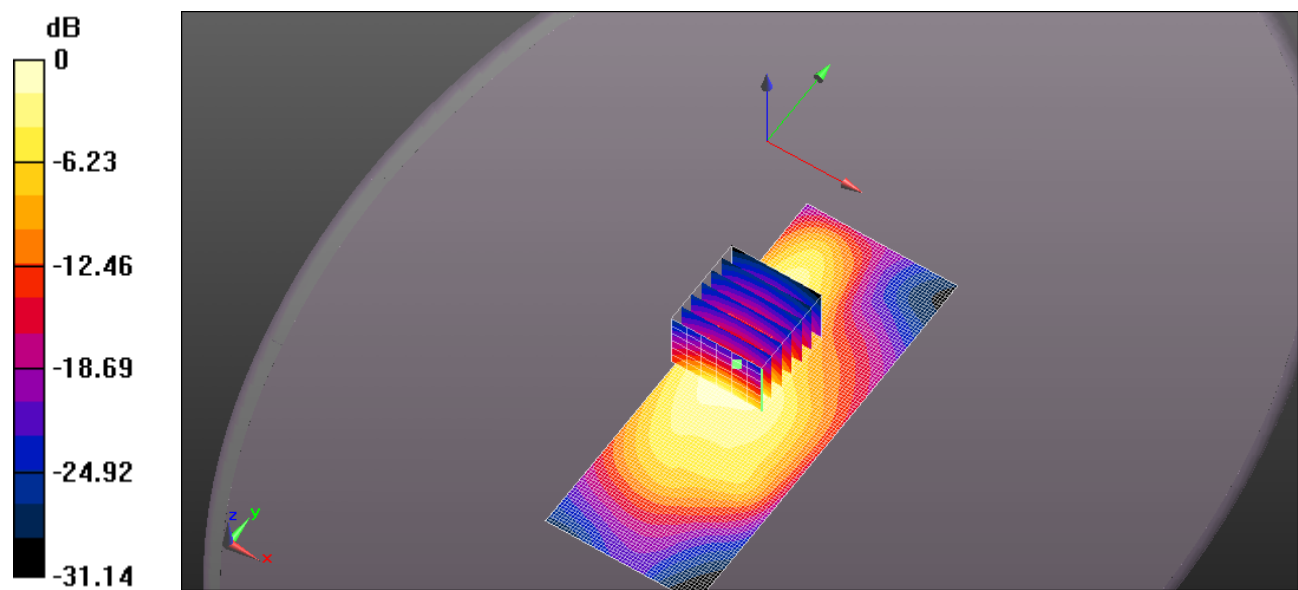
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 470$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 44.721$; $\rho = 1000$ kg/m³; Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head back, P=100mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head back, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 19.59 V/m; Power Drift = 0.34 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.439 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.892 W/kg



0 dB = 1.07 W/kg = 0.30 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 489MHZ 100MW FRONT 30053 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30053

Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 489$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 44.338$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

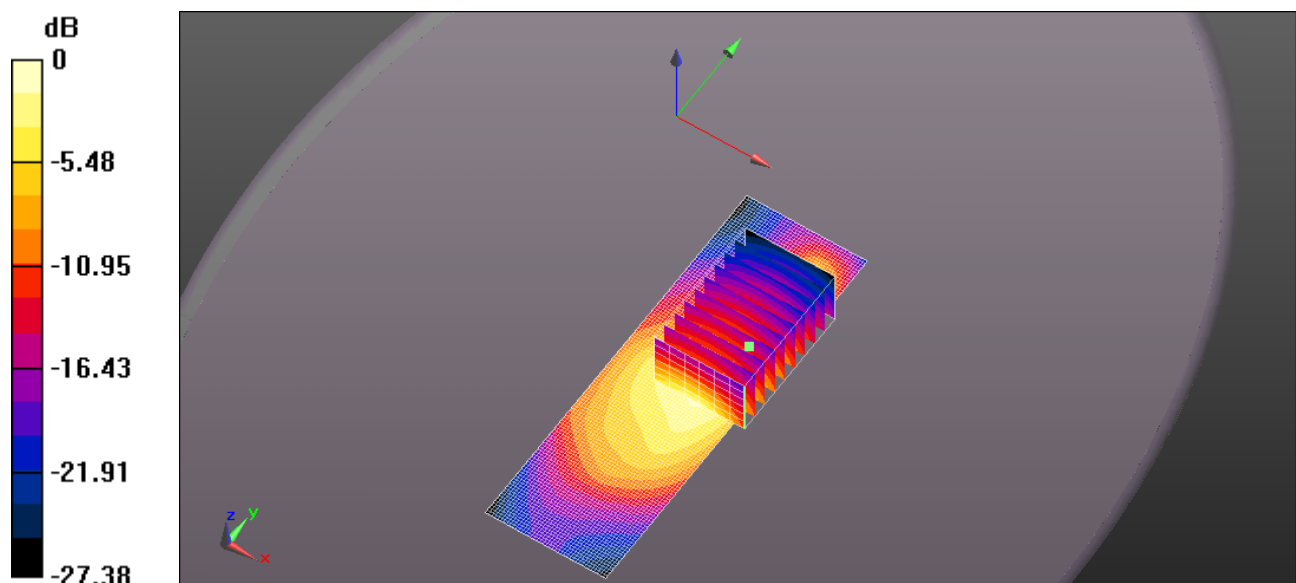
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Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 38.18 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.422 W/kg (SAR corrected for target medium)



0 dB = 1.23 W/kg = 0.91 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 508MHZ 100MW FRONT 30053 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30053

Communication System: UID 0, CW (0); Frequency: 508 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 508$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 43.932$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

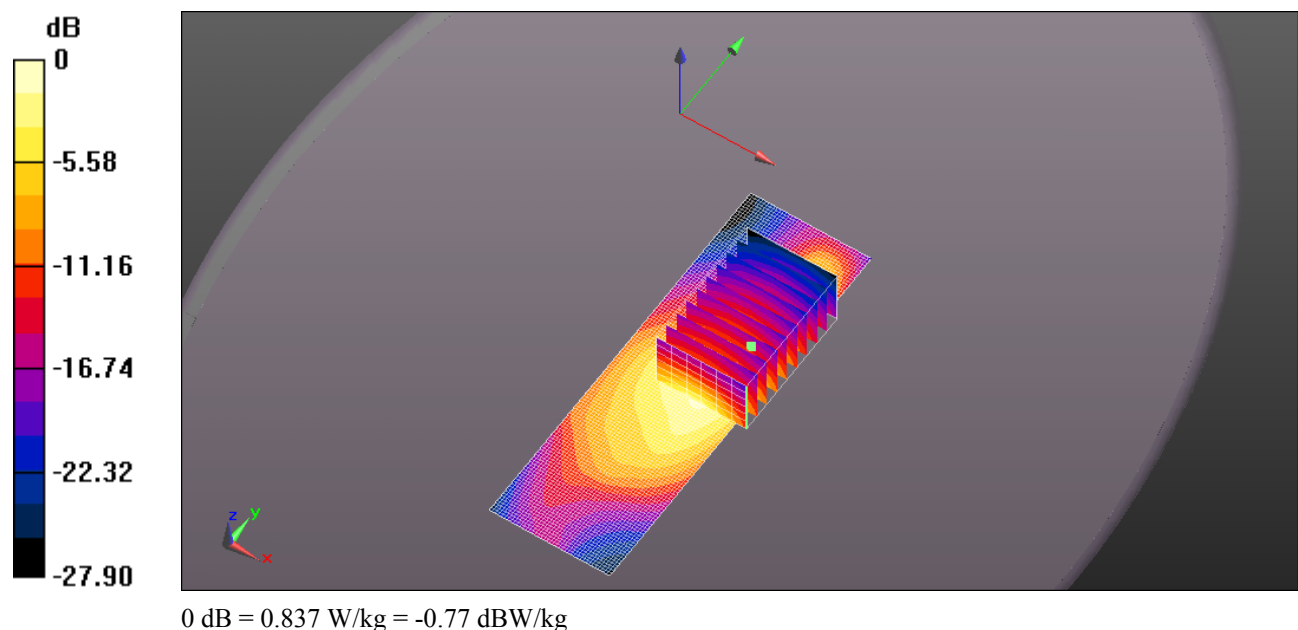
Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.84 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.982 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.290 W/kg (SAR corrected for target medium)



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 526HZ 100MW FRONT_30053.DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30053

Communication System: UID 0, CW (0); Frequency: 526 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 526$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 43.761$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

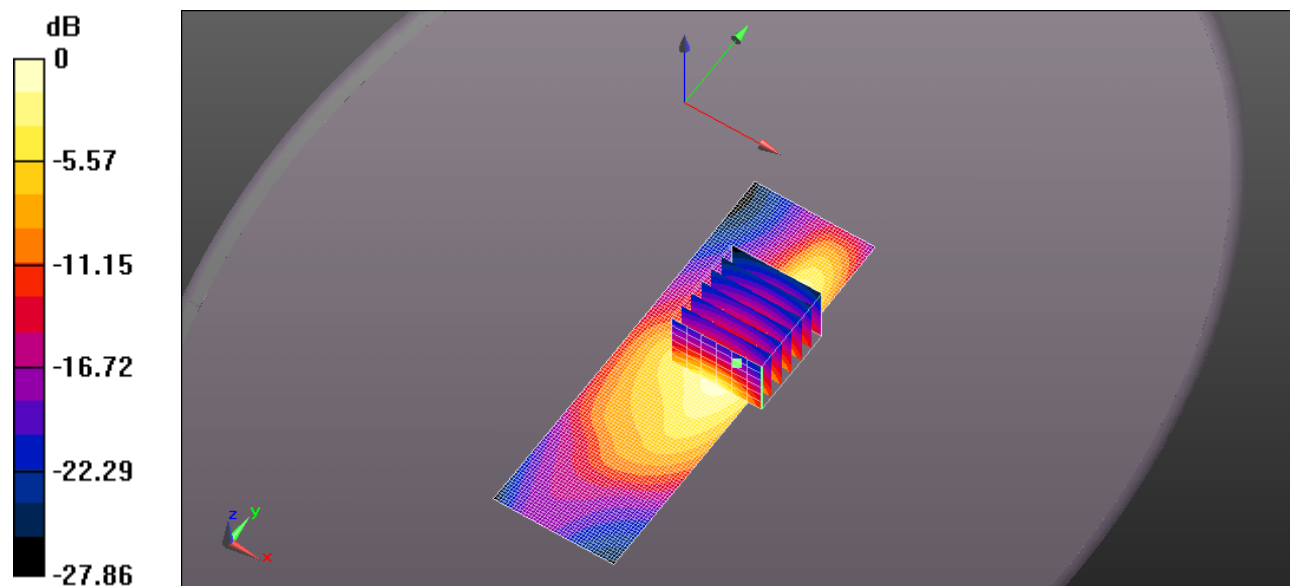
Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 28.44 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.241 W/kg (SAR corrected for target medium)



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 545HZ 100MW FRONT 30053 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30053

Communication System: UID 0, CW (0); Frequency: 545 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 545 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 43.498$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

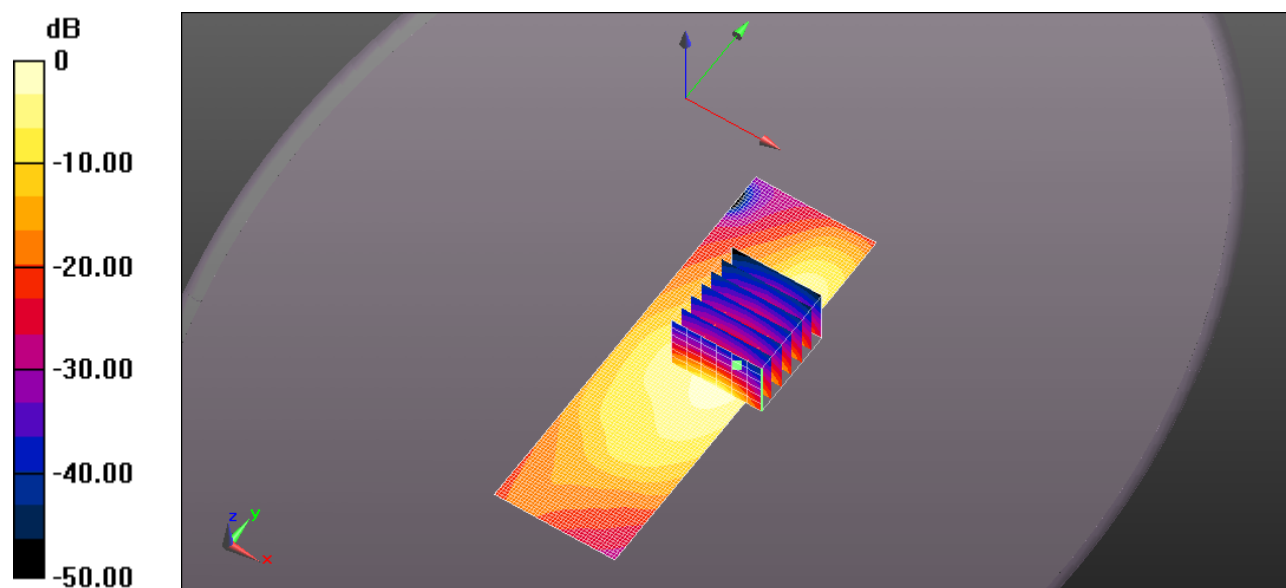
Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Configuration_Head_Q5X QT-300 Incognito Low Band 470-545MHz 100mW/Head front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.04 V/m; Power Drift = -0.29 dB

Peak SAR (extrapolated) = 0.828 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.234 W/kg (SAR corrected for target medium)



0 dB = 0.824 W/kg = -0.84 dBW/kg

EXHIBIT 2. BODY SAR MEASUREMENTS

| | | | | | Power Drift (dB) | Device Back Facing Phantom (Required Mounting Per User Manual) | | Power Drift (dB) | Device Front Facing Phantom (Least Antenna Separation Distance) | |
|------------------------|--------------|---------|-----------------|-------------|------------------|--|---------------|------------------|---|---------------|
| | | | | | | Measured BODY | | | Measured BODY | |
| Device Model | Device S/N | Channel | Frequency (MHz) | Power (dBm) | | SAR1g (mW/g) | SAR10g (mW/g) | | SAR1g (mW/g) | SAR10g (mW/g) |
| QT-300 BeltMic 250mW | 30054(250mW) | 1 | 470 | 23.67 | 0.150 | 0.962 | 0.624 | 0.260 | 1.420 | 0.859 |
| | | 2 | 489 | 23.89 | 0.200 | 0.891 | 0.575 | 0.220 | 1.430 | 0.858 |
| | | 3 | 508 | 23.84 | | | | 0.250 | 1.170 | 0.699 |
| | | 4 | 526 | 23.69 | | | | 0.280 | 1.070 | 0.638 |
| | | 5 | 545 | 22.83 | | | | 0.240 | 0.750 | 0.447 |
| QT-300 PlayerMic 100mW | 30052 | 1 | 470 | 19.93 | | | | 0.320 | 0.657 | 0.372 |
| | | 2 | 489 | 20.03 | 0.280 | 0.914 | 0.552 | 0.260 | 1.080 | 0.862 |
| | | 3 | 508 | 20.03 | | | | 0.280 | 0.875 | 0.716 |
| | | 4 | 526 | 19.97 | | | | 0.170 | 0.833 | 0.483 |
| | | 5 | 545 | 19.93 | | | | 0.000 | 0.892 | 0.499 |
| QT-300 AquaMic 250mW | 30055(250mW) | 1 | 470 | 23.83 | | | | 0.250 | 1.330 | 0.831 |
| | | 2 | 489 | 24.20 | 0.130 | 0.959 | 0.624 | 0.240 | 1.440 | 0.898 |
| | | 3 | 508 | 24.07 | | | | 0.250 | 1.250 | 0.776 |
| | | 4 | 526 | 23.72 | | | | 0.260 | 1.030 | 0.638 |
| | | 5 | 545 | 23.11 | | | | 0.280 | 0.792 | 0.493 |
| QT-300 Incognito 250mW | 30053 | 1 | 470 | 23.36 | | | | 0.210 | 0.997 | 0.574 |
| | | 2 | 489 | 24.01 | | | | 0.140 | 0.773 | 0.440 |
| | | 3 | 508 | 23.83 | | | | 0.110 | 0.861 | 0.500 |
| | | 4 | 526 | 23.36 | 0.330 | 0.980 | 0.586 | 0.220 | 1.110 | 0.627 |
| | | 5 | 545 | 22.87 | | | | 0.240 | 1.040 | 0.589 |

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 470MHZ 100MW FRONT .DA52:0](#)

DUT: QT-300 PlayerMic; Type: UHF Transmitter; Serial: 30052

Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 470$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 57.603$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

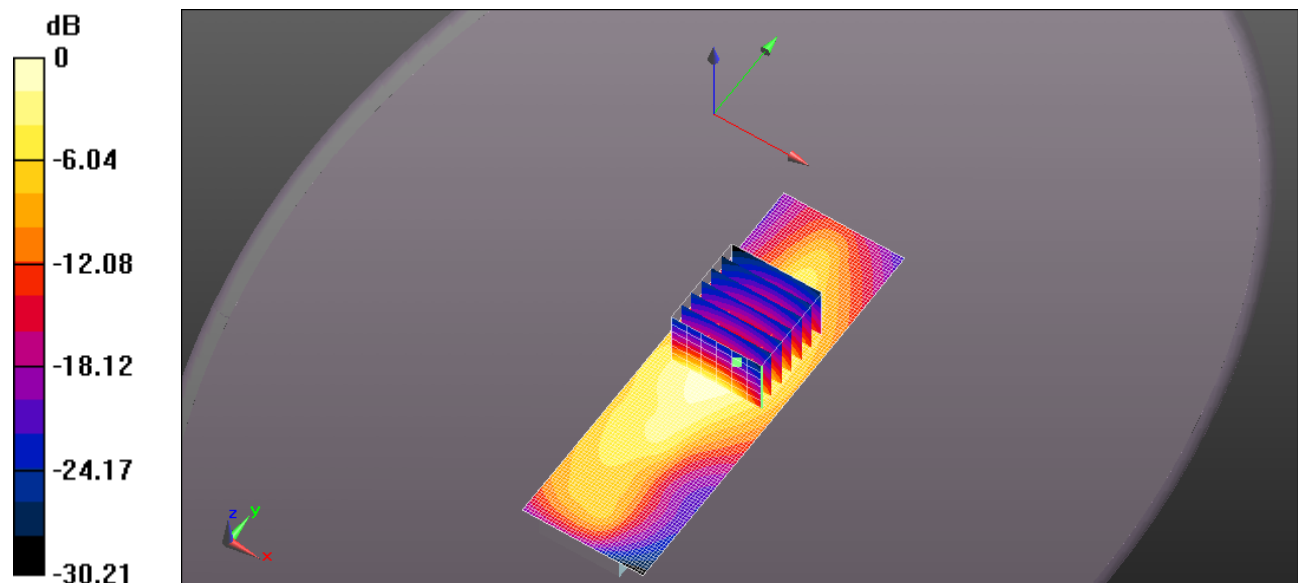
Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.57 V/m; Power Drift = 0.32 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.372 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.785 W/kg



0 dB = 1.05 W/kg = 0.23 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 489MHZ 100MW FRONT .DA52:0](#)**DUT: QT-300 PlayerMic; Type: UHF Transmitter; Serial: 30052**

Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 489$ MHz; $\sigma = 0.946$ S/m; $\epsilon_r = 57.191$; $\rho = 1000$ kg/m³ ;

Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.79 W/kg

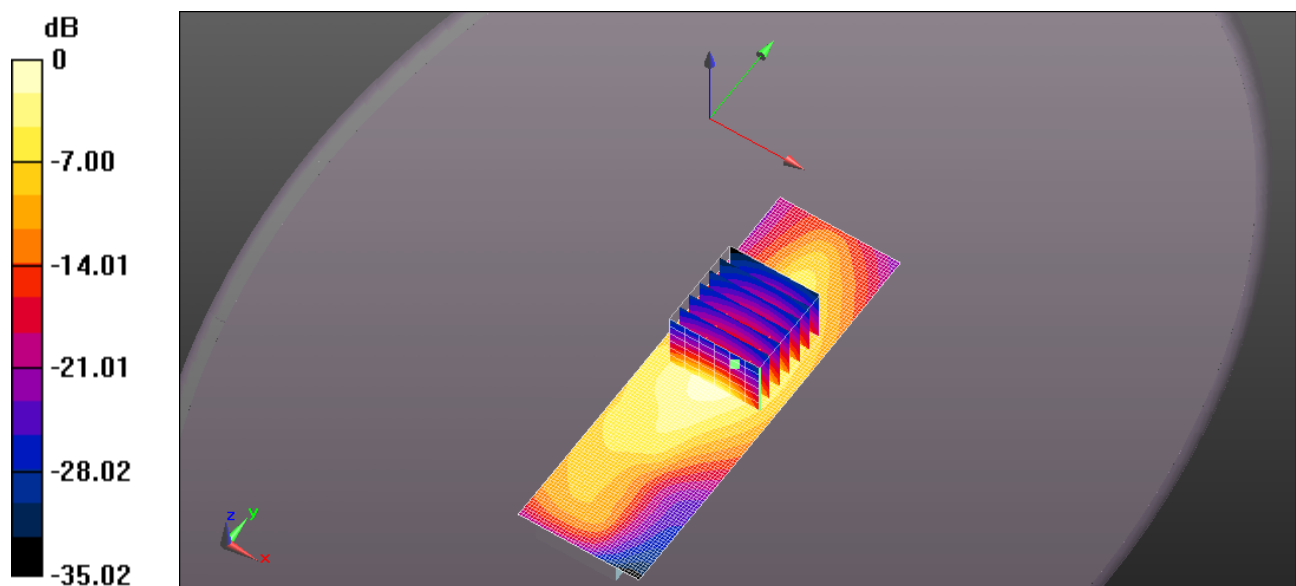
Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 36.93 V/m; Power Drift = 0.26 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.603 W/kg (SAR corrected for target medium)

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



0 dB = 1.79 W/kg = 2.53 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 489 MHZ 100MW BACK-30052 .DA52:0](#)

DUT: QT-300; Type: UHF Transceiver; Serial: 30052

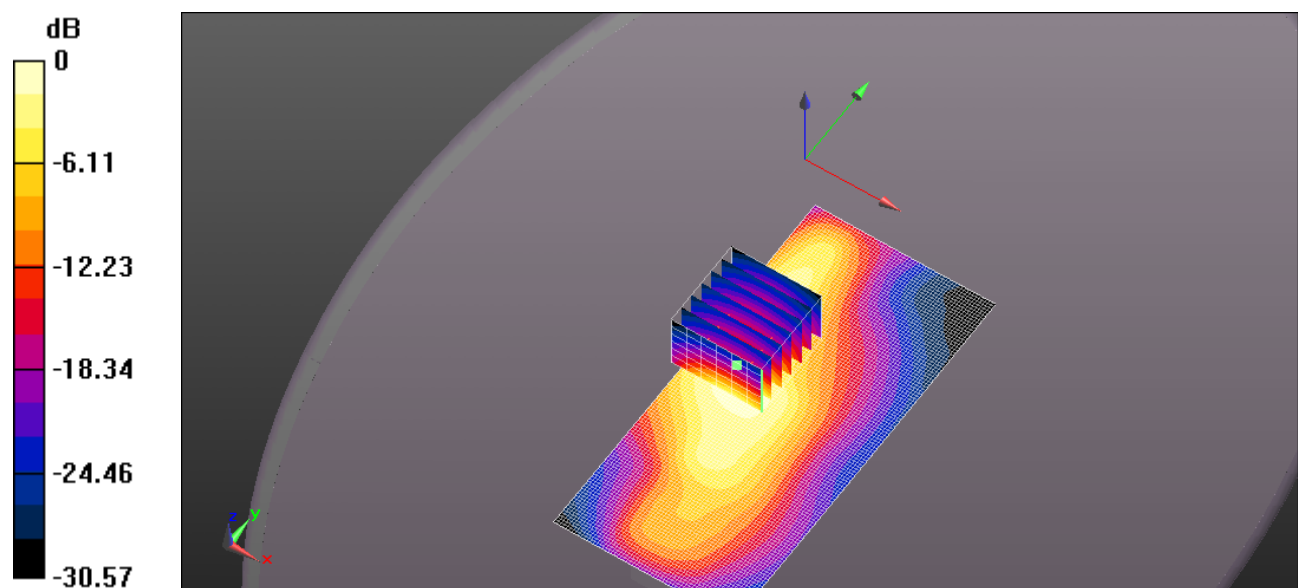
Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 489$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 57.254$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Back, P=100mW, d=0mm/Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Back, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 6.360 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.552 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.12 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 508MHZ 100MW FRONT .DA52:0](#)

DUT: QT-300 PlayerMic; Type: UHF Transmitter; Serial: 30052

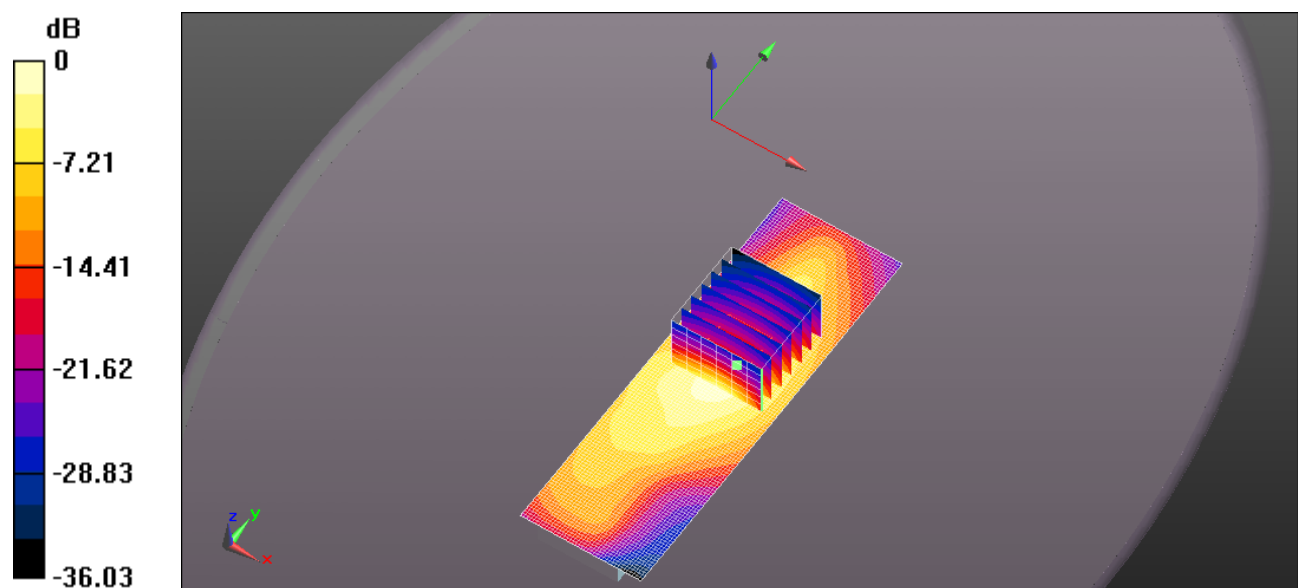
Communication System: UID 0, CW (0); Frequency: 508 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 508 \text{ MHz}$; $\sigma = 0.957 \text{ S/m}$; $\epsilon_r = 56.967$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 PlayerMic Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$.
Maximum value of SAR (interpolated) = 1.54 W/kg

Configuration_Body_Q5X QT-300 PlayerMic Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 33.28 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.485 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 526MHZ 100MW FRONT .DA52:0](#)

DUT: QT-300 PlayerMic; Type: UHF Transmitter; Serial: 30052

Communication System: UID 0, CW (0); Frequency: 526 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 526$ MHz; $\sigma = 0.986$ S/m; $\epsilon_r = 56.644$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

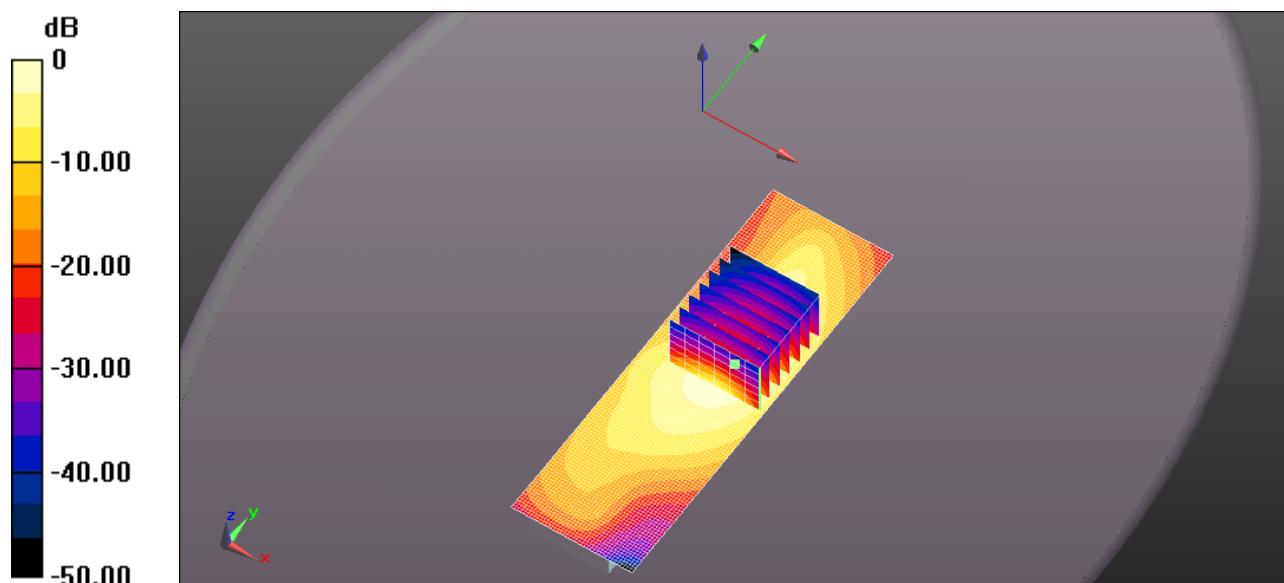
Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 38.00 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.483 W/kg (SAR corrected for target medium)

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



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 545MHZ 100MW FRONT .DA52:0](#)

DUT: QT-300 PlayerMic; Type: UHF Transmitter; Serial: 30052

Communication System: UID 0, CW (0); Frequency: 545 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 545 \text{ MHz}$; $\sigma = 0.991 \text{ S/m}$; $\epsilon_r = 56.57$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS5 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (41x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.37 W/kg

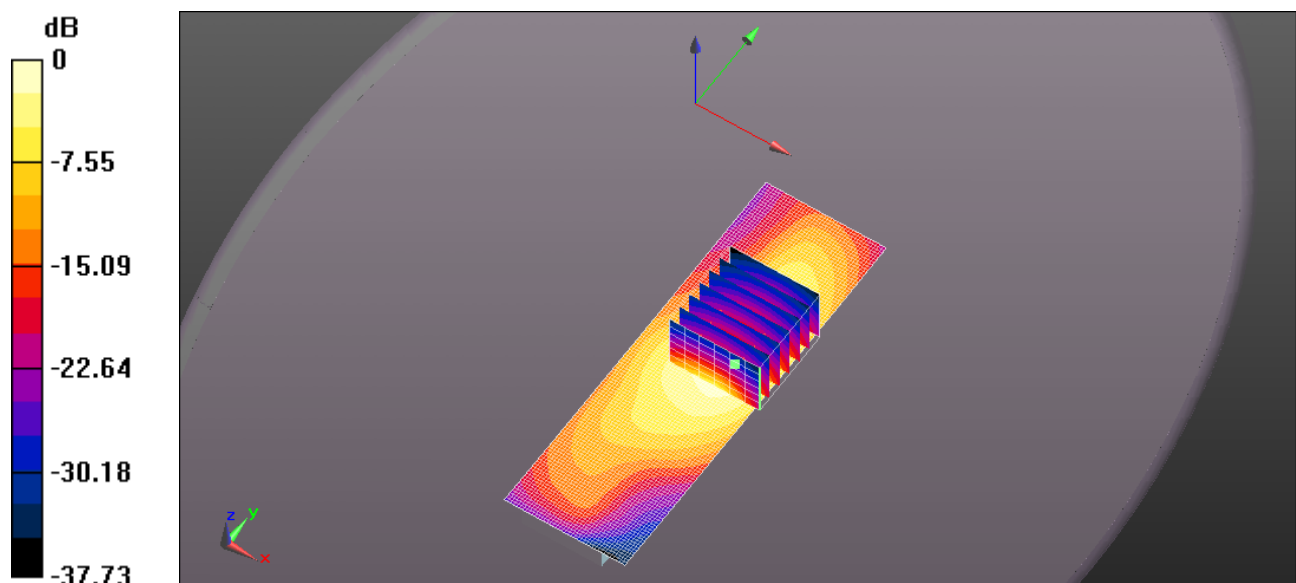
Configuration_Body_Q5X QT-300 Low Band 470-545MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 40.29 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.499 W/kg (SAR corrected for target medium)

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



0 dB = 1.37 W/kg = 1.36 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 470MHZ 250MW FRONT-30054 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30054

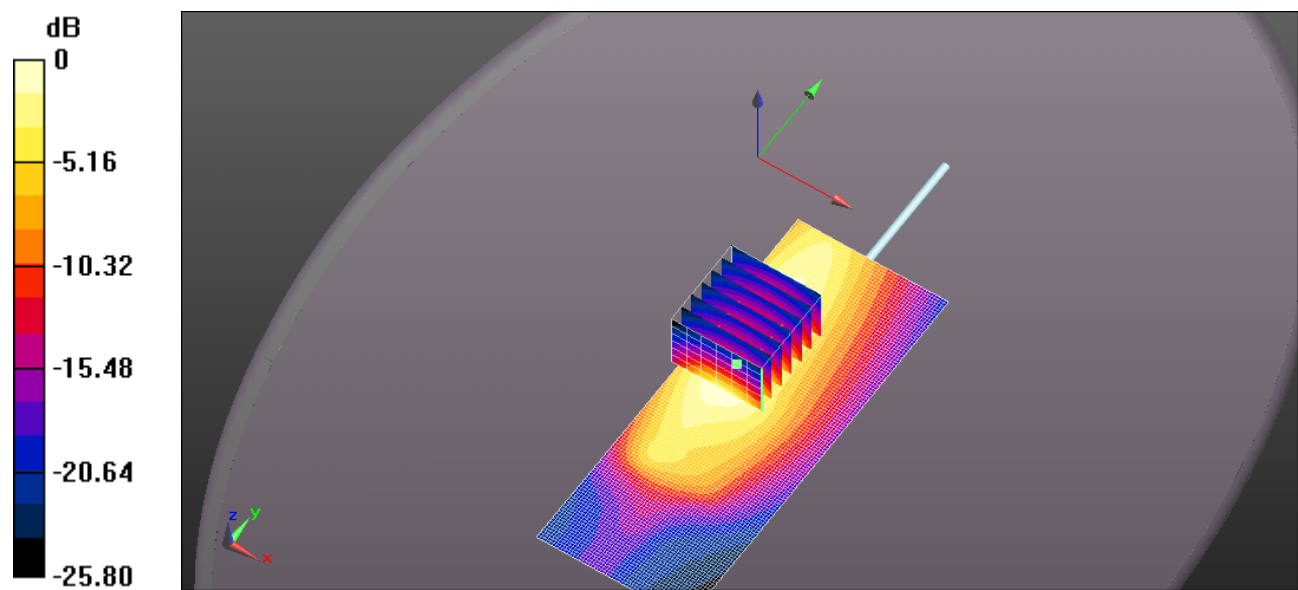
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 470$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 57.603$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.06 W/kg

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.81 V/m; Power Drift = 0.26 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.859 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.72 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 470MHZ 250MW BACK-30054 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30054

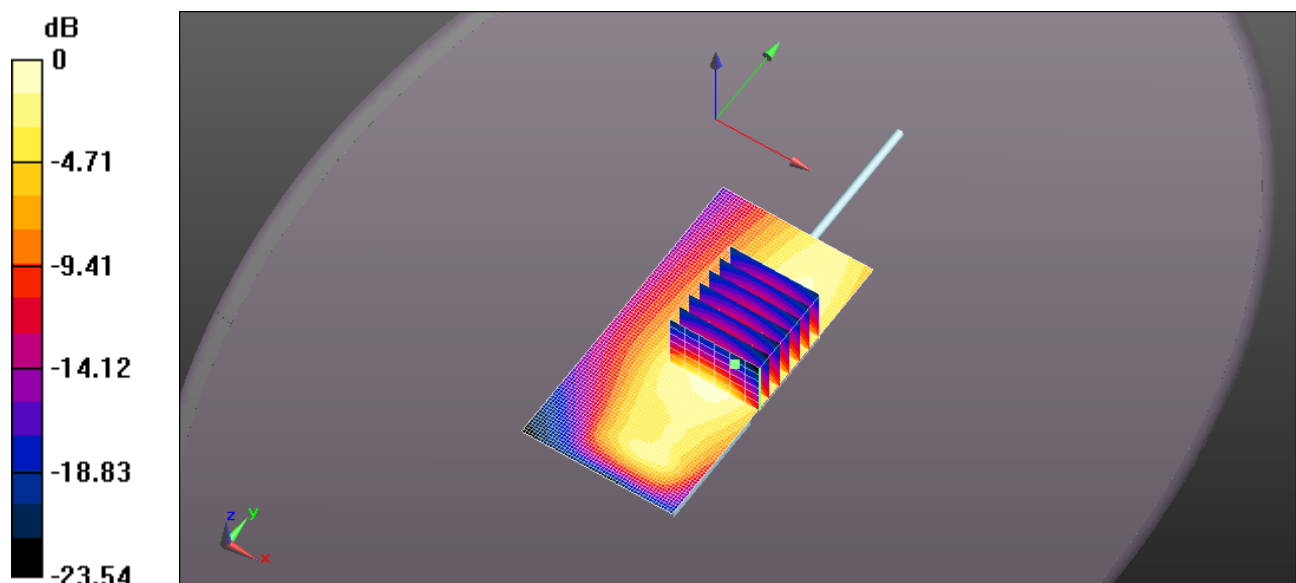
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 470 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 57.603$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.34 W/kg

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 32.12 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.624 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.34 W/kg = 1.28 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 489MHZ 250MW FRONT-30054 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30054

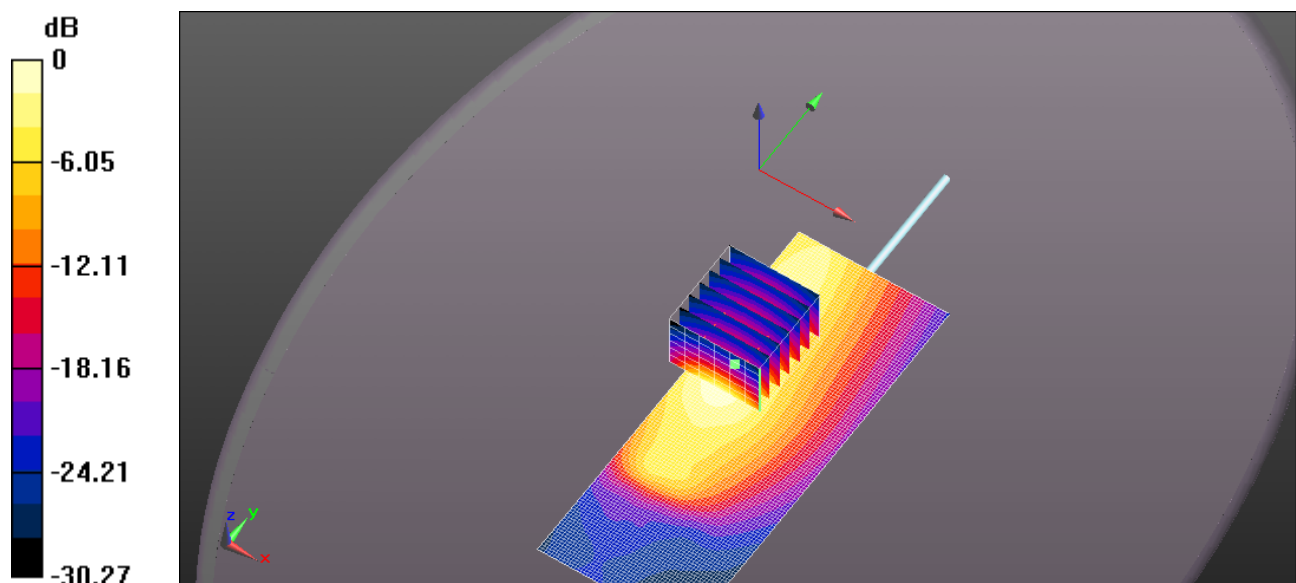
Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 489$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 57.254$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.31 W/kg

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.21 V/m; Power Drift = 0.22 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.858 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 2.31 W/kg = 3.63 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 489MHZ 250MW BACK-30054 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30054

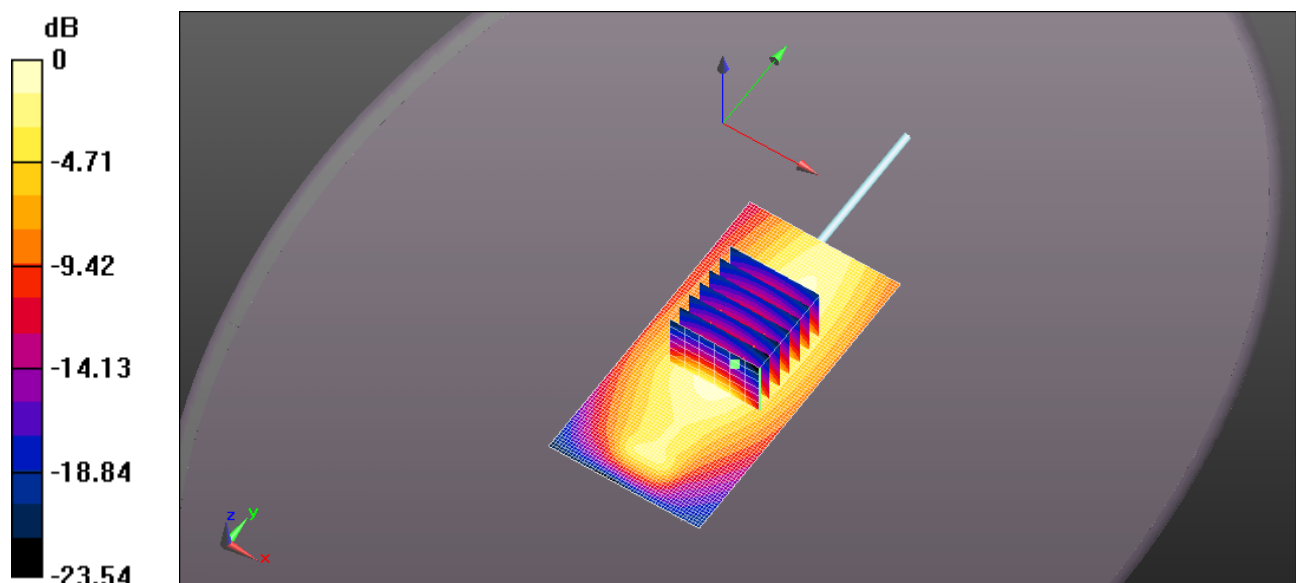
Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 489$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 57.254$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.04 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.575 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.29 W/kg = 1.12 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 508MHZ 250MW FRONT-30054 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30054

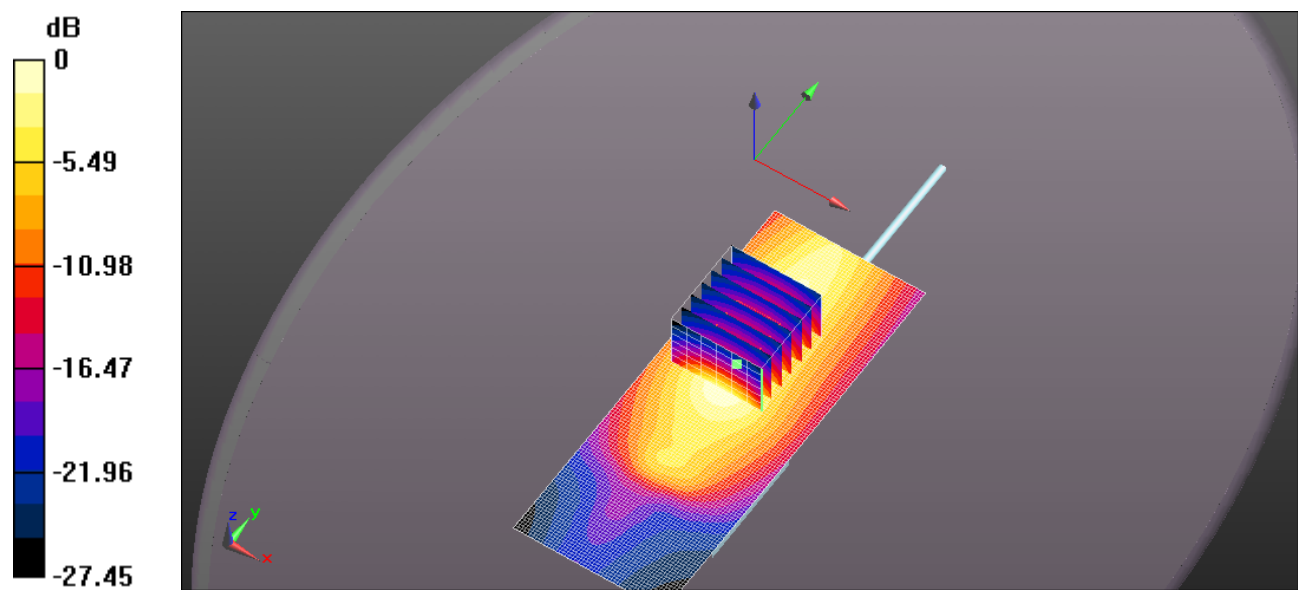
Communication System: UID 0, CW (0); Frequency: 508 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 508$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 56.963$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.99 W/kg

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.06 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.699 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.99 W/kg = 3.00 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 526MHZ 250MW FRONT-30054 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30054

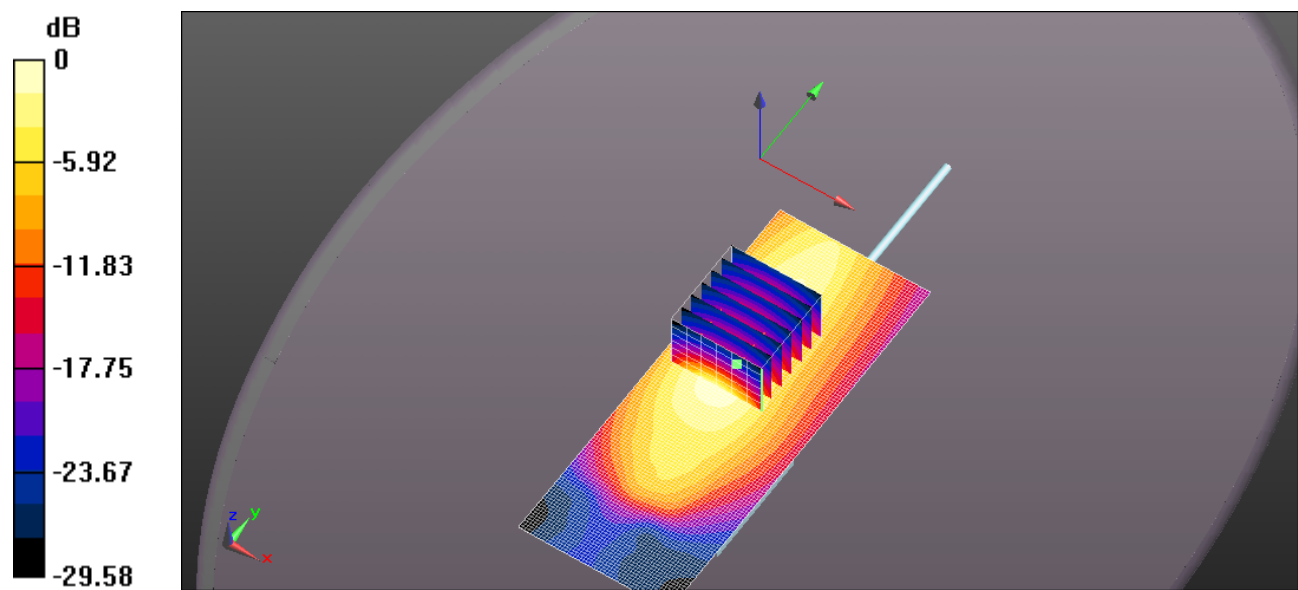
Communication System: UID 0, CW (0); Frequency: 526 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 526$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 56.757$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 11.43 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.638 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.33 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 545MHZ 250MW FRONT-30054 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30054

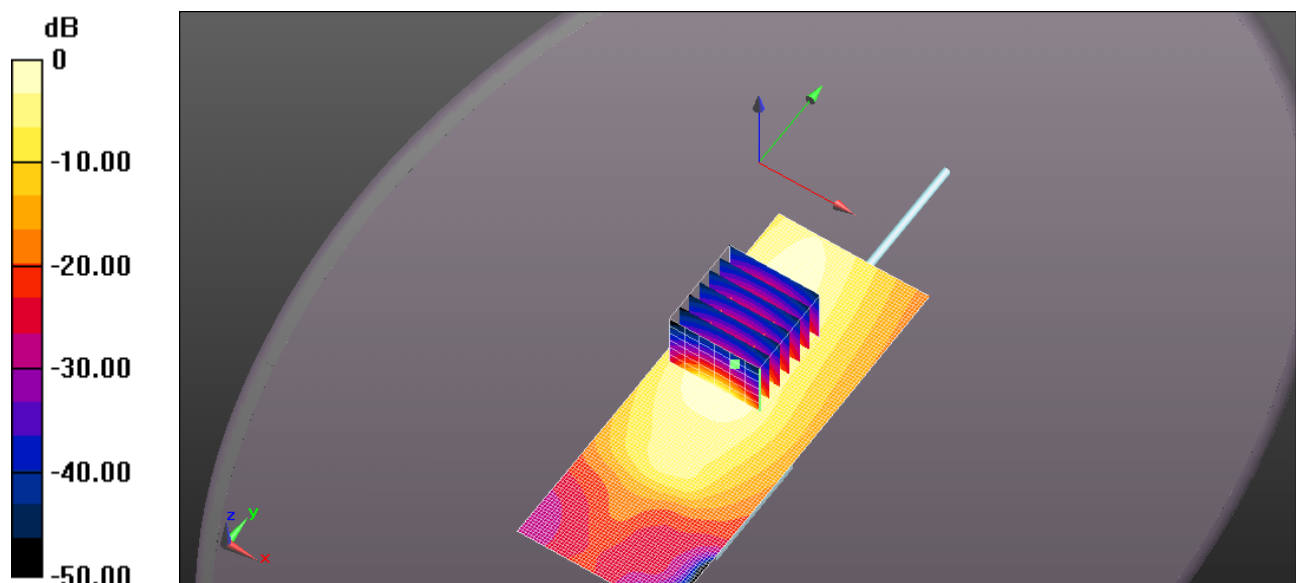
Communication System: UID 0, CW (0); Frequency: 545 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 545 \text{ MHz}$; $\sigma = 0.991 \text{ S/m}$; $\epsilon_r = 56.57$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.12 W/kg

Configuration_Body_Q5X QT-300 BeltMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 9.215 V/m; Power Drift = 0.24 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.447 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.952 W/kg



0 dB = 1.12 W/kg = 0.51 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 470MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 AquaMic; Type: UHF Transmitter; Serial: 30055

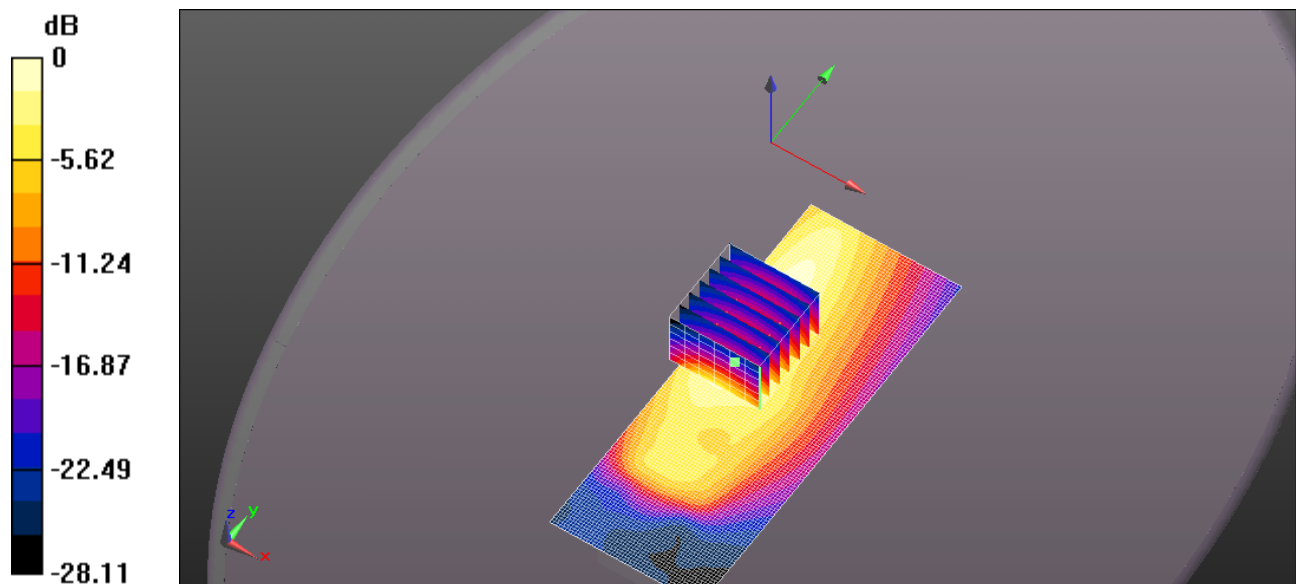
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 470$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 57.603$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.11 W/kg

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.07 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.831 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 2.11 W/kg = 3.23 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 489MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 AquaMic; Type: UHF Transmitter; Serial: 30055

Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 489$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 57.254$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.45 W/kg

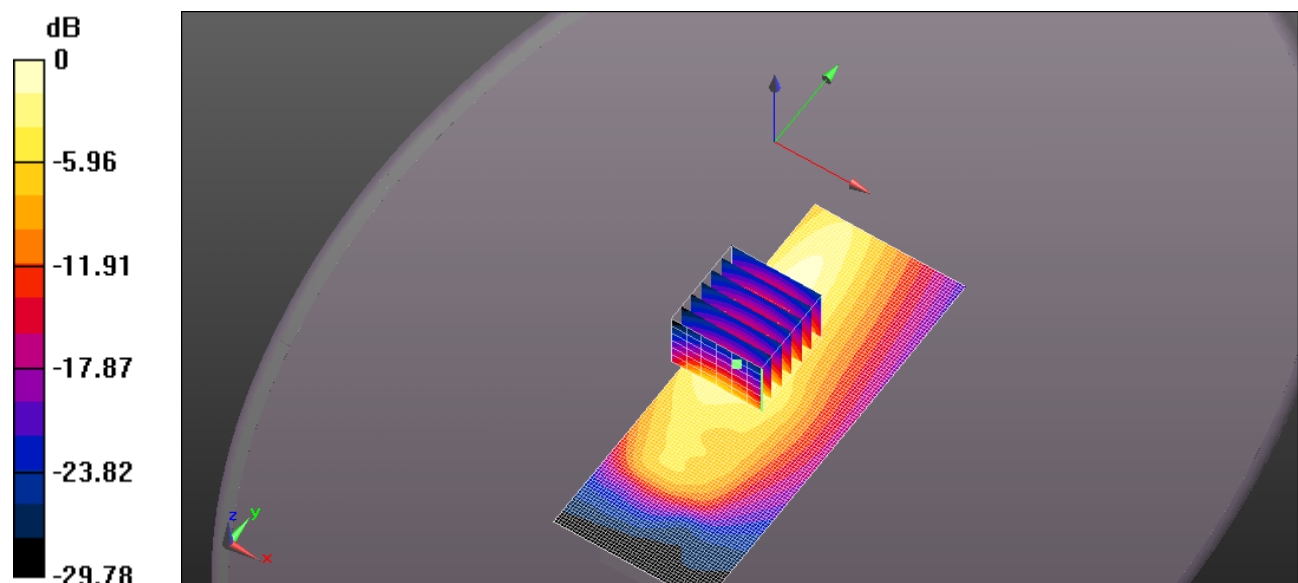
Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.65 V/m; Power Drift = 0.24 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1.44 W/kg; SAR(10 g) = 0.898 W/kg (SAR corrected for target medium).

Maximum value of SAR (measured) = 1.75 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 489MHZ 250MW BACK-30055 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30034

Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 489 \text{ MHz}$; $\sigma = 0.943 \text{ S/m}$; $\epsilon_r = 57.254$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (41x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.51 W/kg

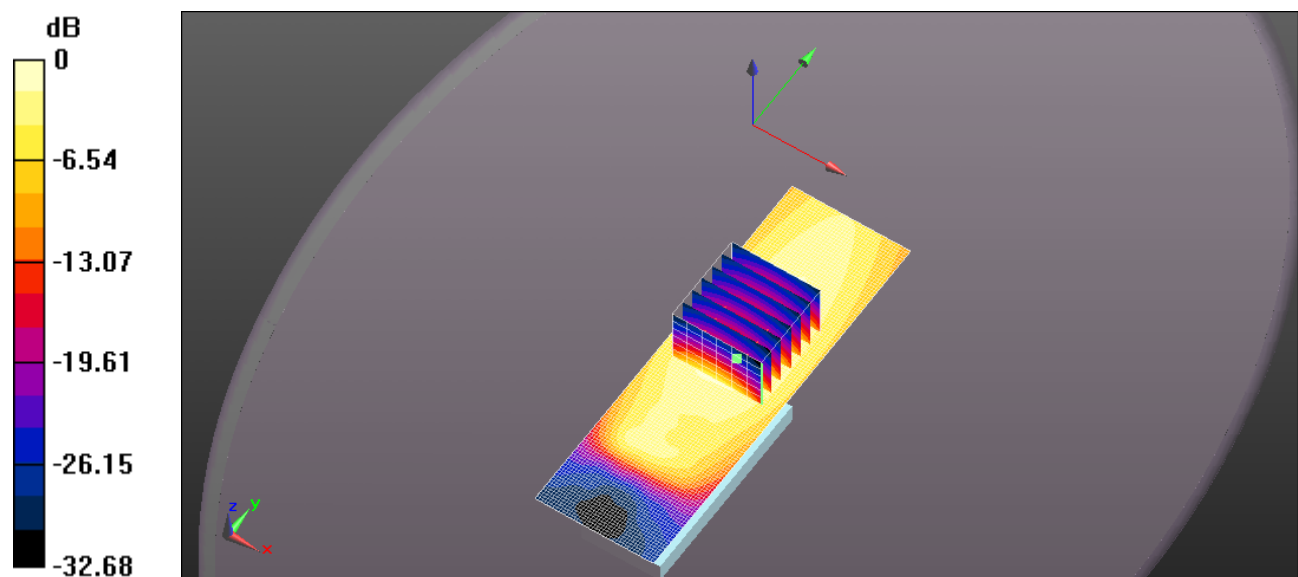
Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 37.03 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.624 W/kg (SAR corrected for target medium)

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



0 dB = 1.51 W/kg = 1.78 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 508MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 AquaMic; Type: UHF Transmitter; Serial: 30055

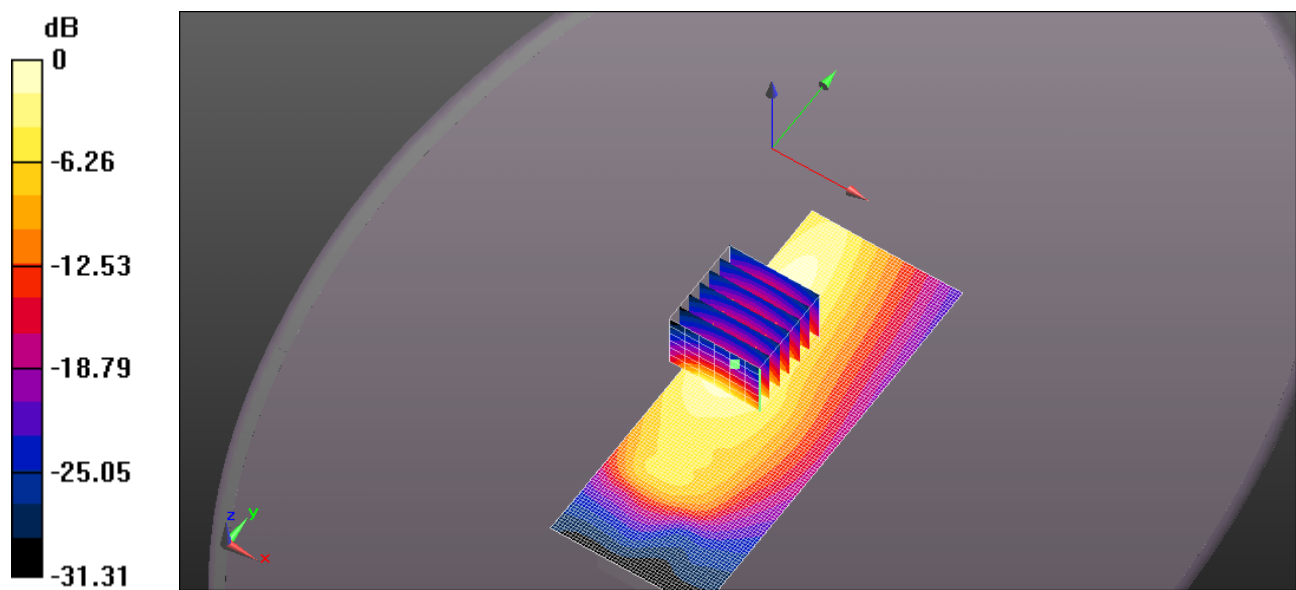
Communication System: UID 0, CW (0); Frequency: 508 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 508$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 56.963$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm.
Maximum value of SAR (interpolated) = 2.08 W/kg

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 14.12 V/m; Power Drift = 0.25 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.776 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 526MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30034

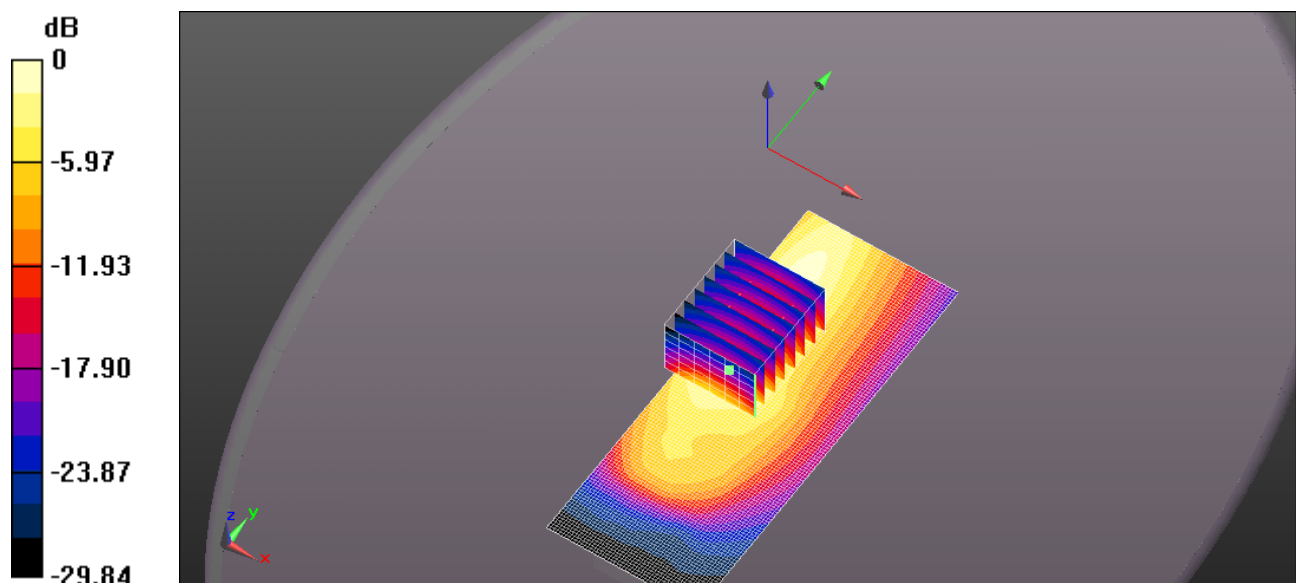
Communication System: UID 0, CW (0); Frequency: 526 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 526$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 56.757$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.75 W/kg

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 13.74 V/m; Power Drift = 0.26 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.638 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.75 W/kg = 2.44 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 545MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30034

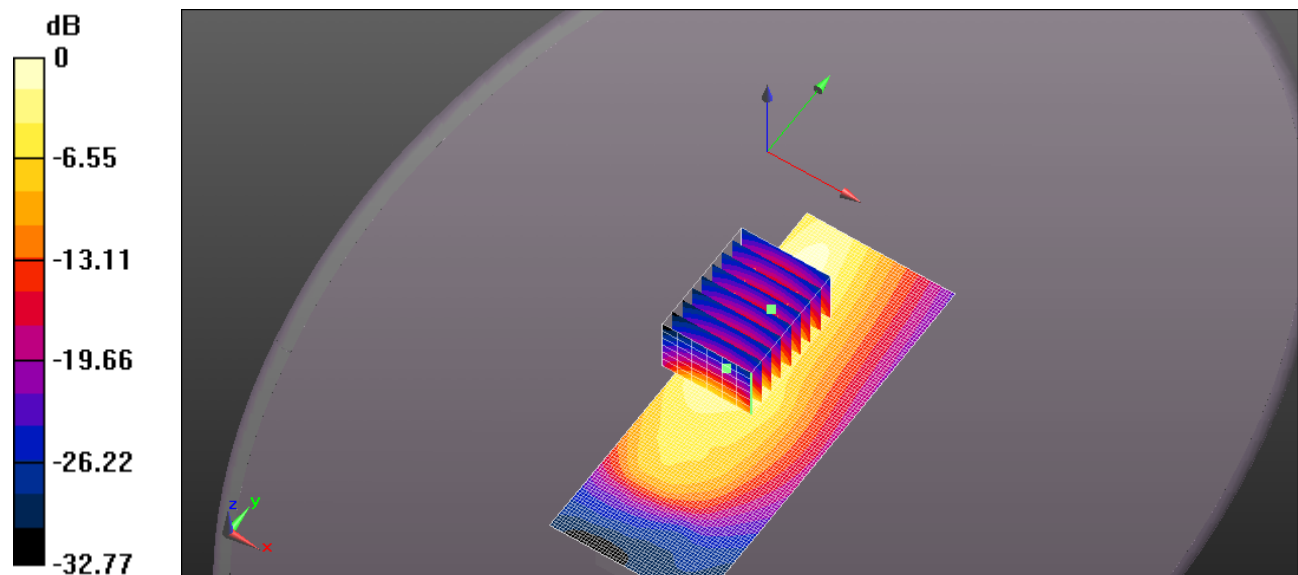
Communication System: UID 0, CW (0); Frequency: 545 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 545 \text{ MHz}$; $\sigma = 0.991 \text{ S/m}$; $\epsilon_r = 56.57$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.38 W/kg

Configuration_Body_Q5X QT-300 AquaMic Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x9x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$
Reference Value = 11.19 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.493 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.994 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 470MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 Incognito; Type: UHF Transmitter; Serial: 30053

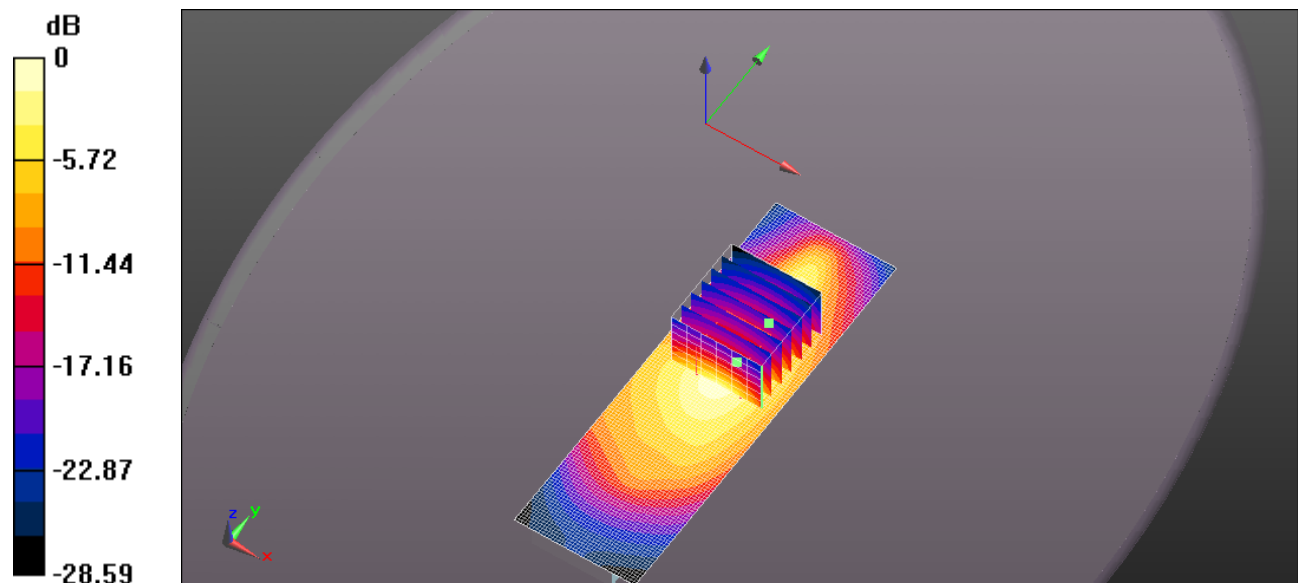
Communication System: UID 0, CW (0); Frequency: 470 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 470$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 57.603$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 34.44 V/m; Power Drift = 0.21 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.574 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.71 W/kg = 2.34 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [Q5X-0650 QT-300 INCOGNITO 489MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 Incognito; **Type:** UHF Transmitter; **Serial:** 30053

Communication System: UID 0, CW (0); Frequency: 489 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 489$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 57.254$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

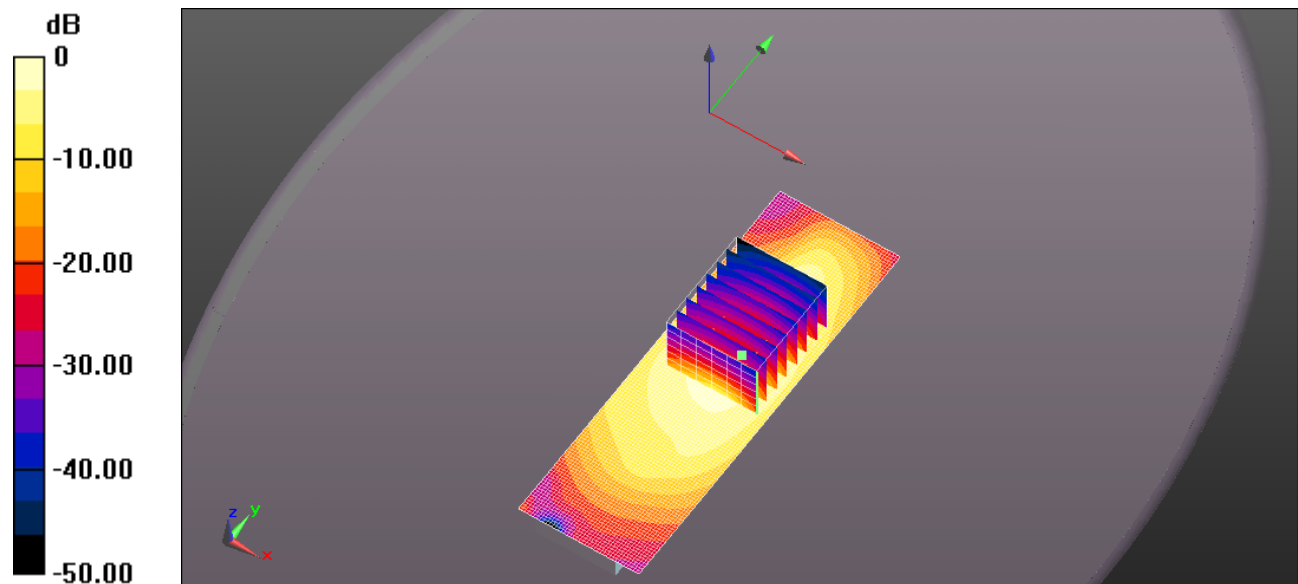
Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 33.17 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.440 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.959 W/kg



0 dB = 1.24 W/kg = 0.95 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 508MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 Incognito; Type: UHF Transmitter; Serial: 30053

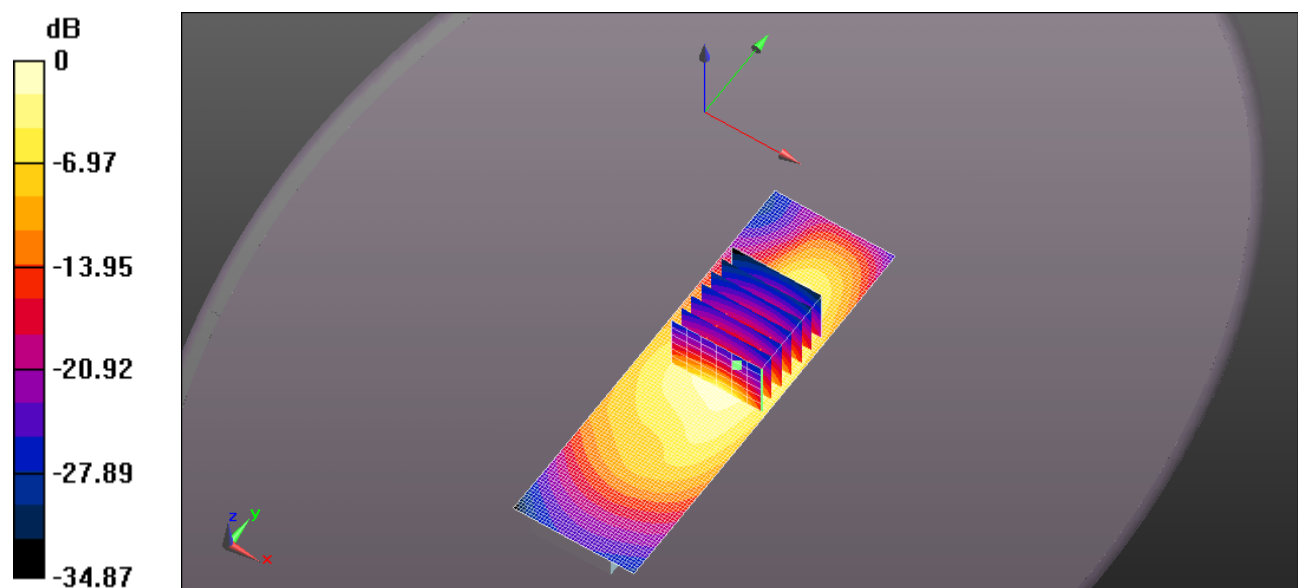
Communication System: UID 0, CW (0); Frequency: 508 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 508$ MHz; $\sigma = 0.958$ S/m; $\epsilon_r = 56.963$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 37.18 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.59 W/kg
SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.500 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 526MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 Incognito; Type: UHF Transmitter; Serial: 30053

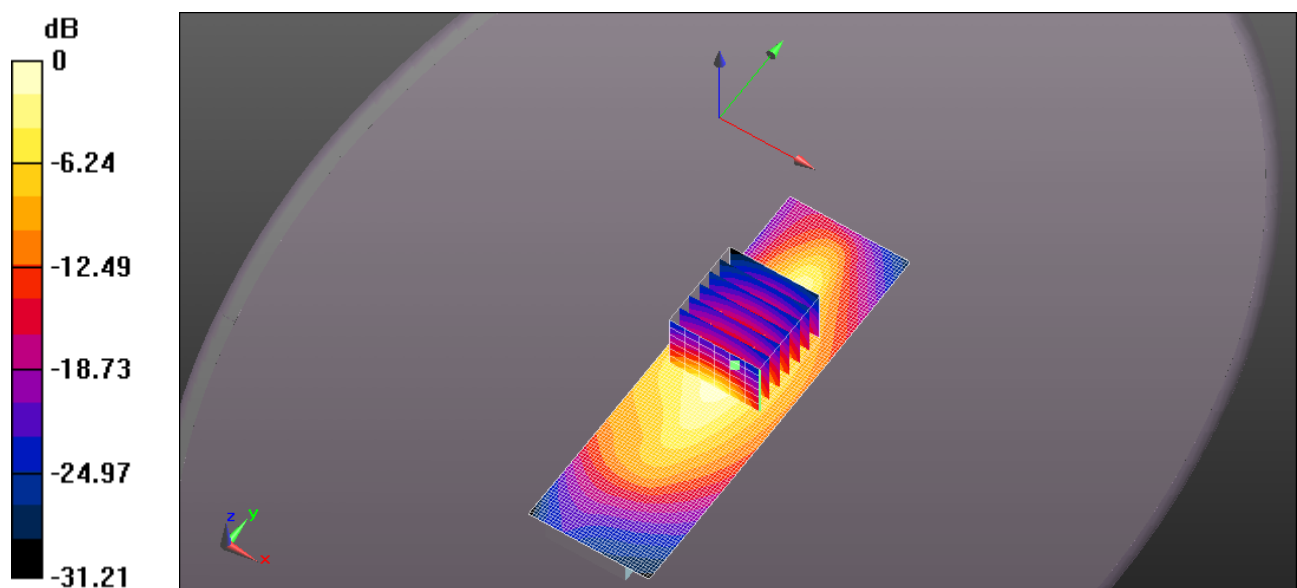
Communication System: UID 0, CW (0); Frequency: 526 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 526$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 56.757$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.80 W/kg

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.66 V/m; Power Drift = 0.22 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.627 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.80 W/kg = 2.56 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 526MHZ 250MW BACK-30053 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30053

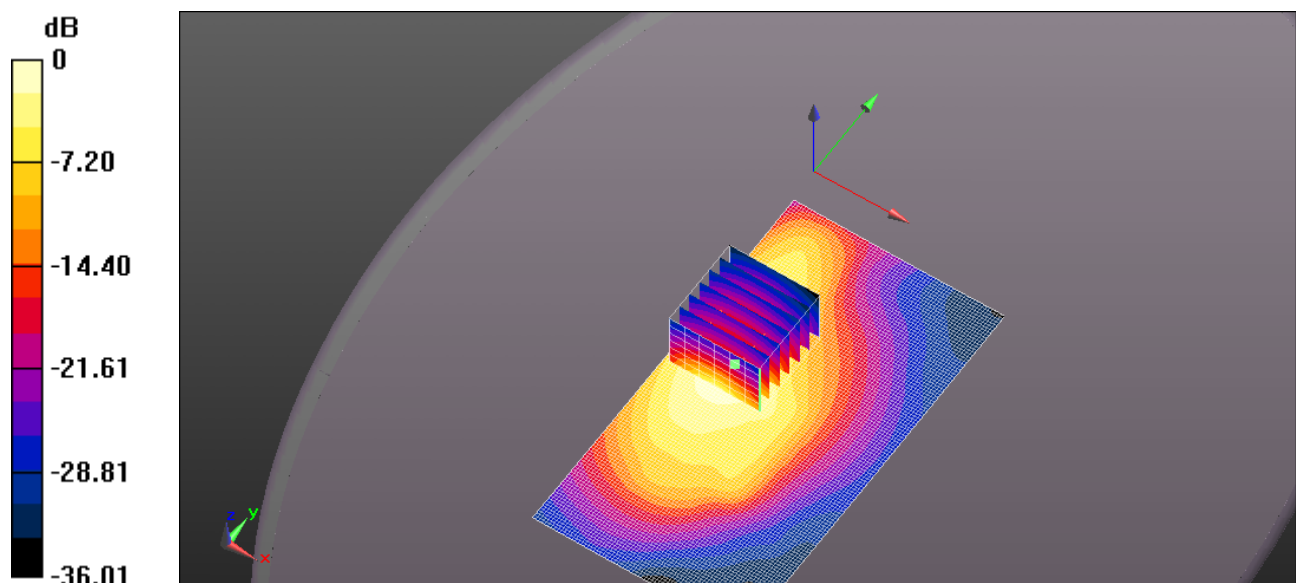
Communication System: UID 0, CW (0); Frequency: 526 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 526$ MHz; $\sigma = 0.975$ S/m; $\epsilon_r = 56.757$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 3.927 V/m; Power Drift = 0.33 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.980 W/kg; SAR(10 g) = 0.586 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.47 W/kg = 1.66 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 545MHZ 250MW FRONT .DA52:0](#)

DUT: QT-300 Incognito; Type: UHF Transmitter; Serial: 30053

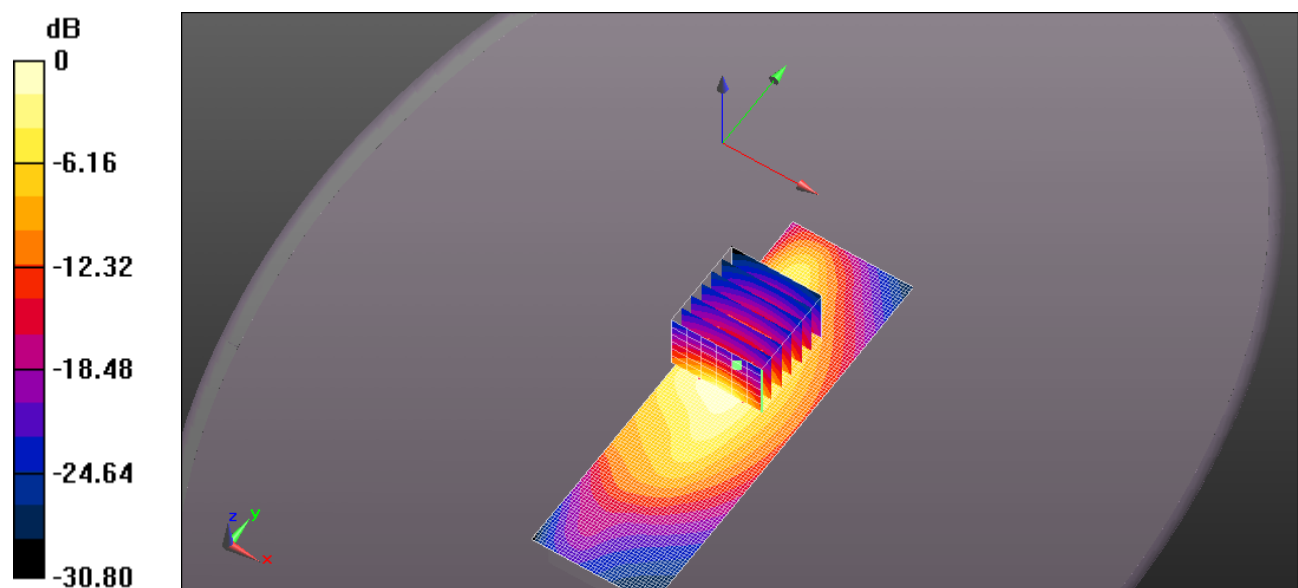
Communication System: UID 0, CW (0); Frequency: 545 MHz; Duty Cycle: 1:1
Medium parameters used (extrapolated): $f = 545$ MHz; $\sigma = 0.991$ S/m; $\epsilon_r = 56.57$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/21/2017
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Configuration_Body_Q5X QT-300 Incognito Low Band 470-545MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.11 V/m; Power Drift = 0.24 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.589 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg