

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	30020	6	525	19.94	0.310	1.060	0.585	0.000	1.390	0.461
		7	544	19.99				0.000	0.817	0.292
		8	563	19.98				0.000	0.585	0.328
		9	581	19.97				0.000	0.547	0.307
		10	600	19.99				0.000	0.498	0.280

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 525MHZ 100MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

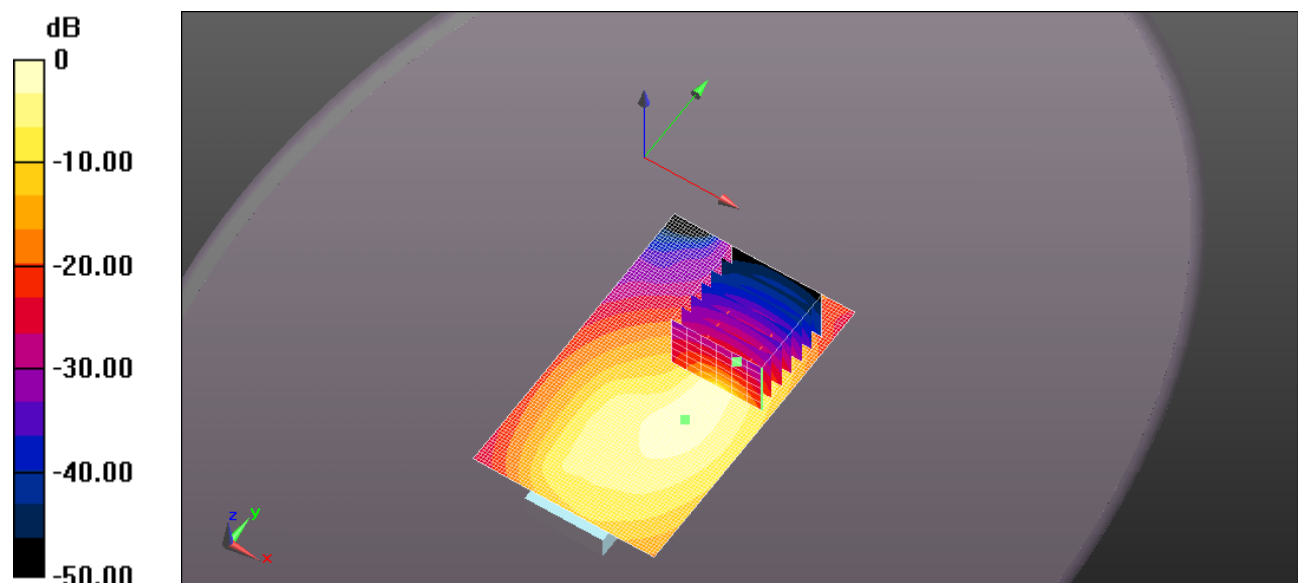
Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid band 525-600 MHz 100mW/Head _front
P=100mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.84 W/kg

Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 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 = 43.53 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 8.42 W/kg
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.461 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.25 W/kg



0 dB = 1.84 W/kg = 2.64 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 525MHZ 100MW BACK-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

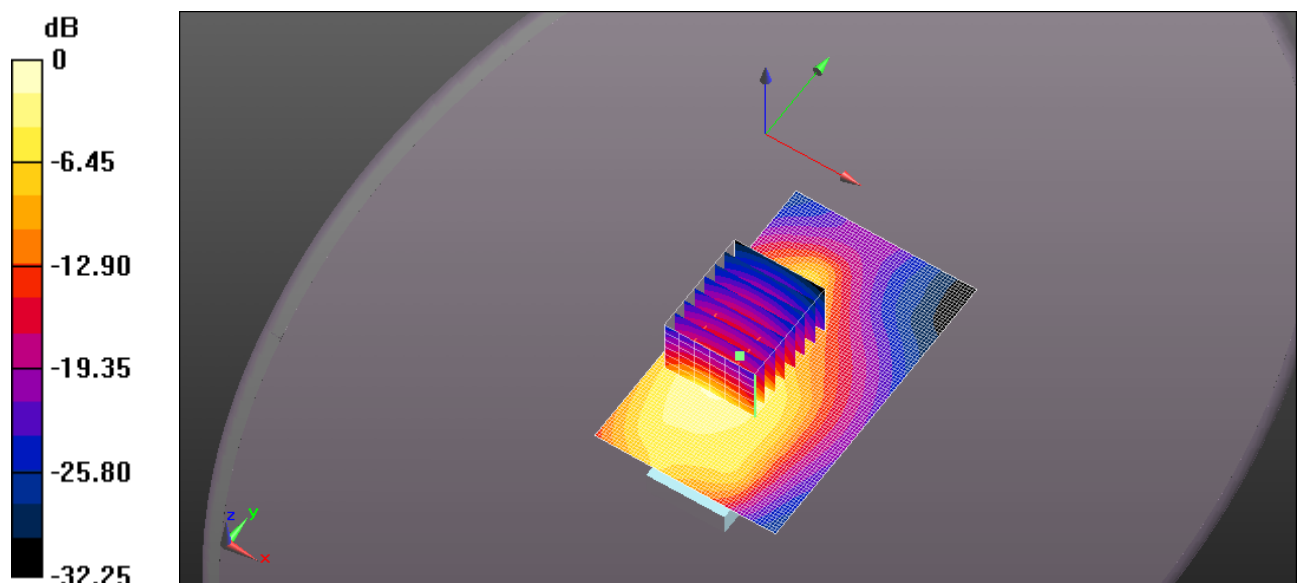
Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.841$ S/m; $\epsilon_r = 41.897$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid band 525-600 MHz 100mW/Head _back
P=100mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 100mW/Head _back
P=100mW, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.38 V/m; Power Drift = 0.31 dB
Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.585 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.70 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 544MHZ 100MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

Communication System: UID 0, CW (0); Frequency: 544 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 544$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 41.585$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.43, 10.43, 10.43); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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)

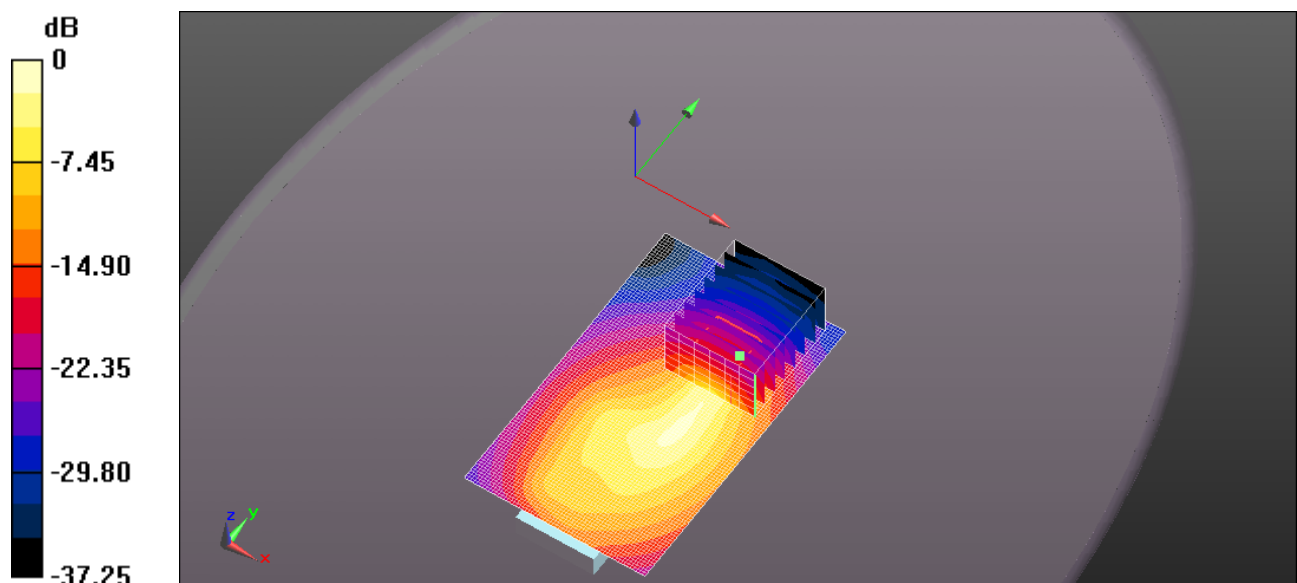
Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 100mW/Head _front
P=100mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 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 = 36.60 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.98 W/kg

SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.292 W/kg (SAR corrected for target medium)



0 dB = 2.01 W/kg = 3.02 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 563MHZ 100MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

Communication System: UID 0, CW (0); Frequency: 563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 563$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 41.339$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(9.39, 9.39, 9.39); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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)

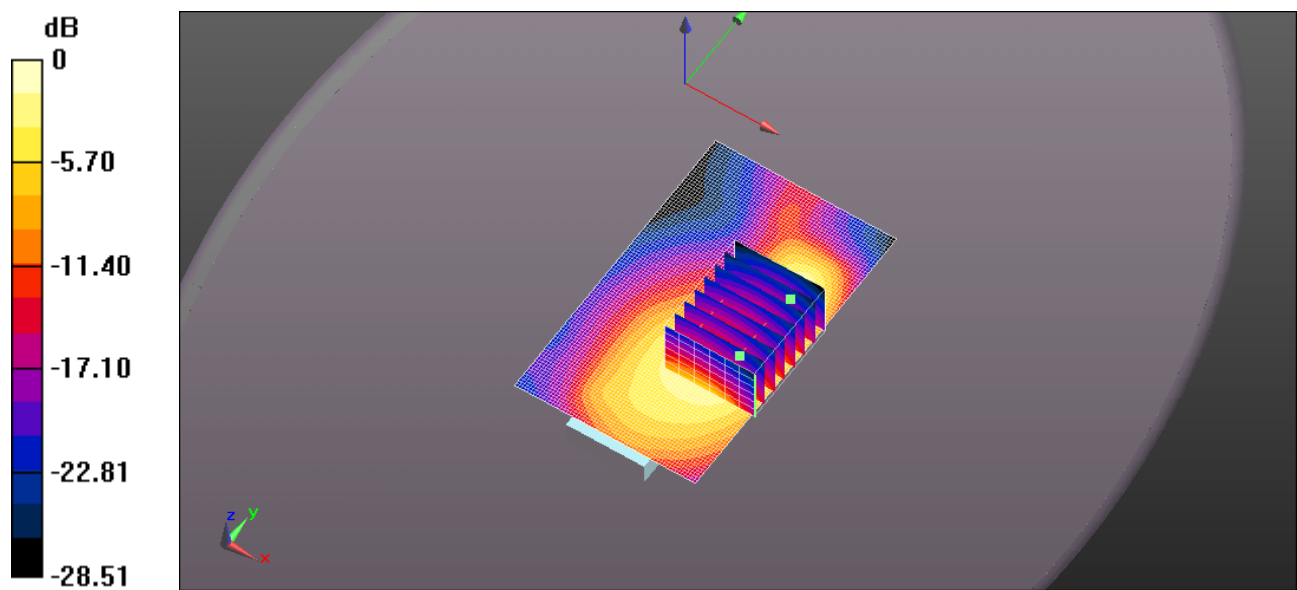
Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 100mW/Head _front
P=100mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 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 = 28.71 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.328 W/kg (SAR corrected for target medium)



0 dB = 0.813 W/kg = -0.90 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 581MHZ 100MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

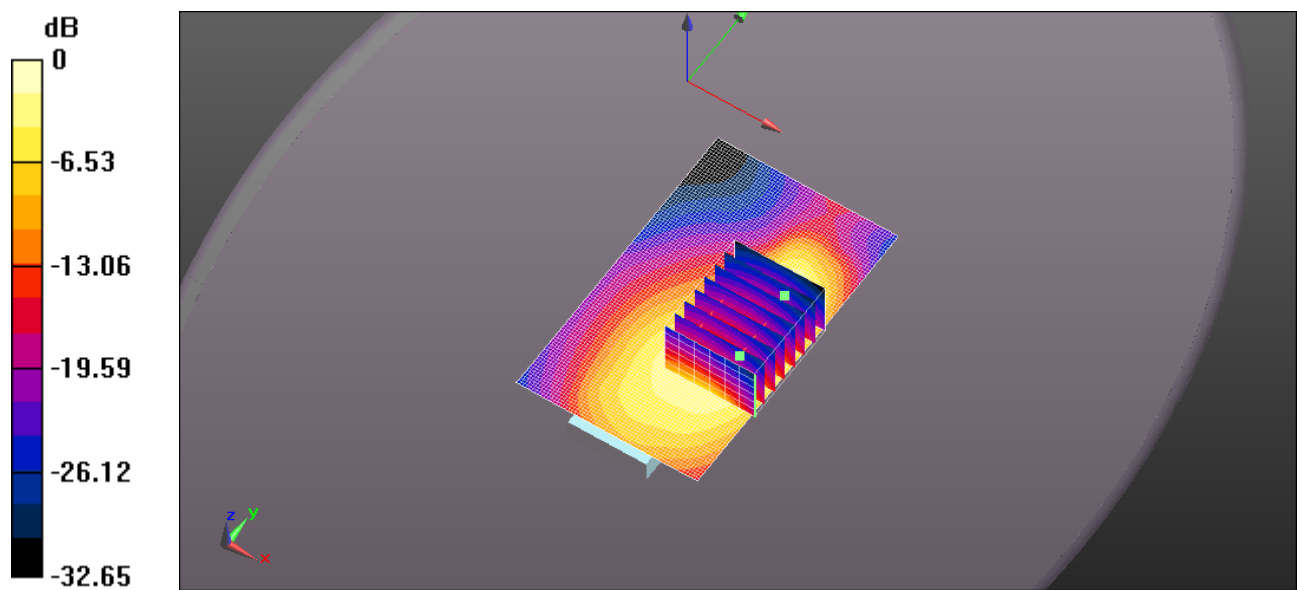
Communication System: UID 0, CW (0); Frequency: 581 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 581.25$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 41.082$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(9.39, 9.39, 9.39); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid band 525-600 MHz 100mW/Head _front
P=100mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 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 = 27.34 V/m; Power Drift = -0.24 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.307 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.917 W/kg



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

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 600MHZ 100MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

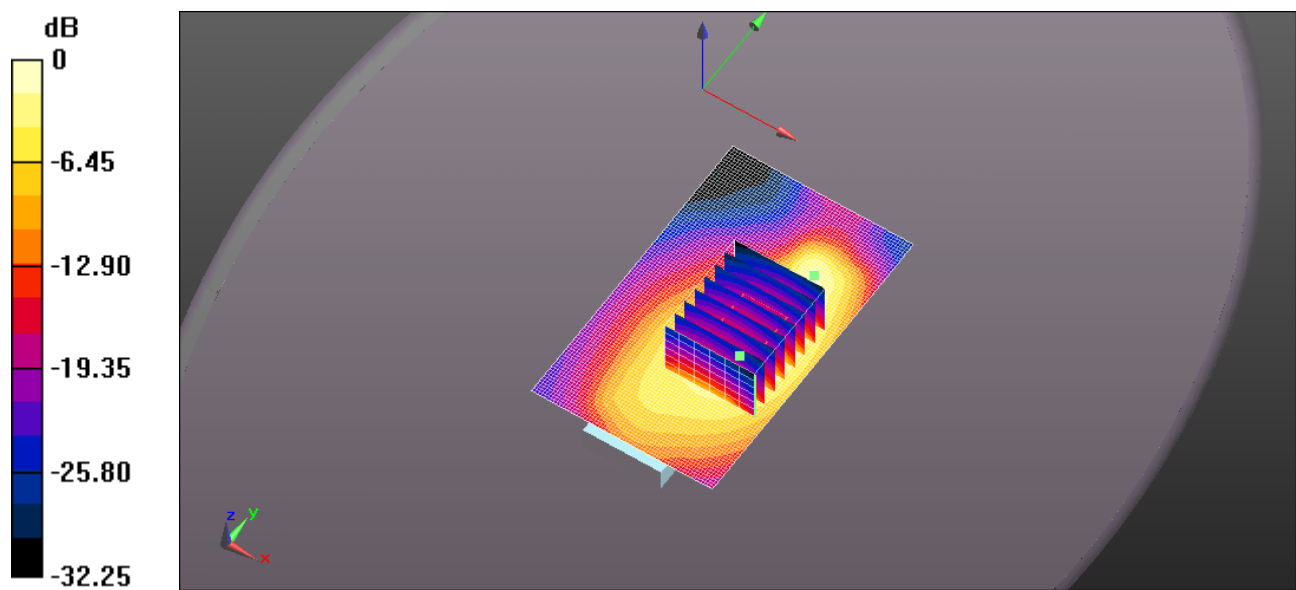
Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 600$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 40.752$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(9.39, 9.39, 9.39); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid band 525-600 MHz 100mW/Head _front
P=100mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.766 W/kg

Configuration_Head_Q5X QT-300 Incognito Mid band 525-600 MHz 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 = 28.63 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.280 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.766 W/kg = -1.16 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	30022(250mW)	6	525	23.98	0.180	0.841	0.531	0.270	0.549	0.324
		7	544	24.00	0.150	0.618	0.397			
		8	563	24.00	0.180	0.591	0.379			
		9	581	23.99	0.100	0.609	0.392			
		10	600	24.00	0.120	0.513	0.330			
QT-300 PlayerMic 100mW	30034	6	525	19.98	0.000	1.180	0.696	0.000	1.520	0.845
		7	544	19.98				0.140	0.967	0.540
		8	563	19.94				0.020	0.681	0.384
		9	581	19.91				0.150	0.652	0.366
		10	600	19.97				0.090	0.683	0.381
QT-300 AquaMic 250mW	30023(250mW)	6	525	23.97	0.210	0.798	0.537	0.170	1.250	0.773
		7	544	23.97				0.280	1.110	0.683
		8	563	23.96				0.270	1.050	0.641
		9	581	23.95				0.300	0.987	0.605
		10	600	23.98				0.300	0.934	0.568
QT-300 Incognito 250mW	30020	6	525	23.93	0.200	1.470	0.846	0.160	1.430	0.799
		7	544	23.97	0.000	1.090	0.626	0.150	1.190	0.677
		8	563	23.98	0.170	1.110	0.630	0.270	1.270	0.718
		9	581	23.98	0.130	1.240	0.715	0.130	1.250	0.702
		10	600	23.99	0.190	1.130	0.654	0.040	1.100	0.621

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 525 MHZ 100MW FRONT .DA52:0](#)

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

Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 55.201$; $\rho = 1000 \text{ kg/m}^3$; 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)
- 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 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (51x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.04 W/kg

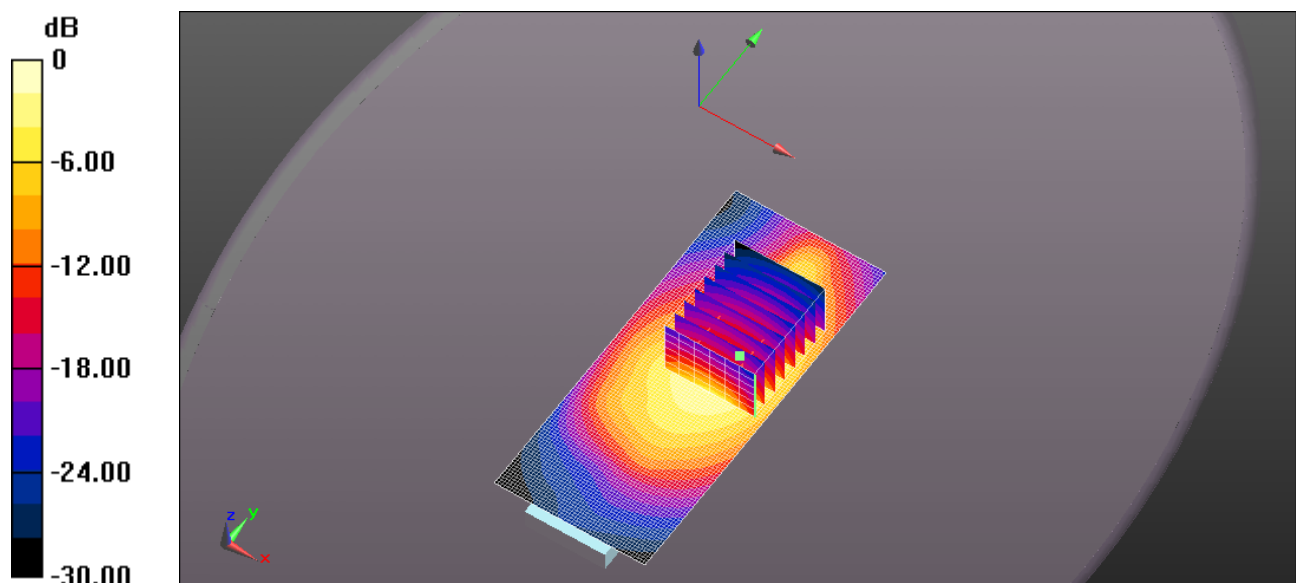
Configuration_Body_Q5X QT-300 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 52.08 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.03 W/kg

SAR(1 g) = 1.52 W/kg; SAR(10 g) = 0.845 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.04 W/kg = 3.09 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 525 MHZ 100MW BACK .DA52:0](#)

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

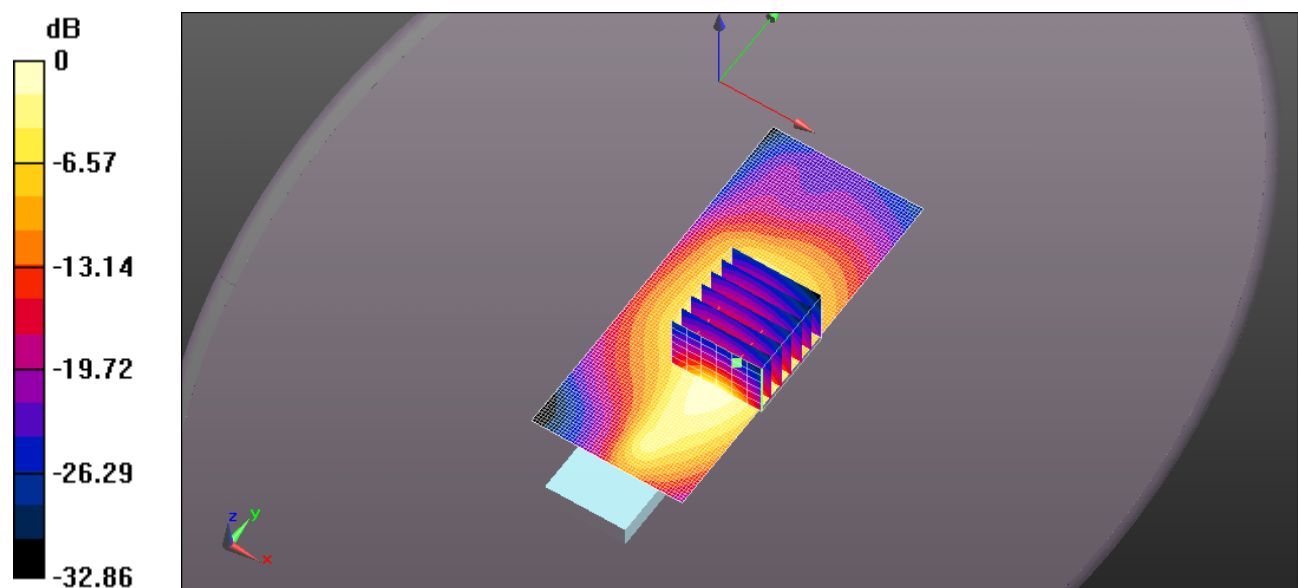
Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- 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 Mid Band 525-600MHz 100mW/Body Back, P=100mW, d=0mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Configuration_Body_Q5X QT-300 Mid Band 525-600MHz 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 = 28.13 V/m; Power Drift = -0.22 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.696 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.49 W/kg = 1.74 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 544 MHZ 100MW FRONT .DA52:0](#)

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

Communication System: UID 0, CW (0); Frequency: 544 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 544$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 55.067$; $\rho = 1000$ 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)
- 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 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

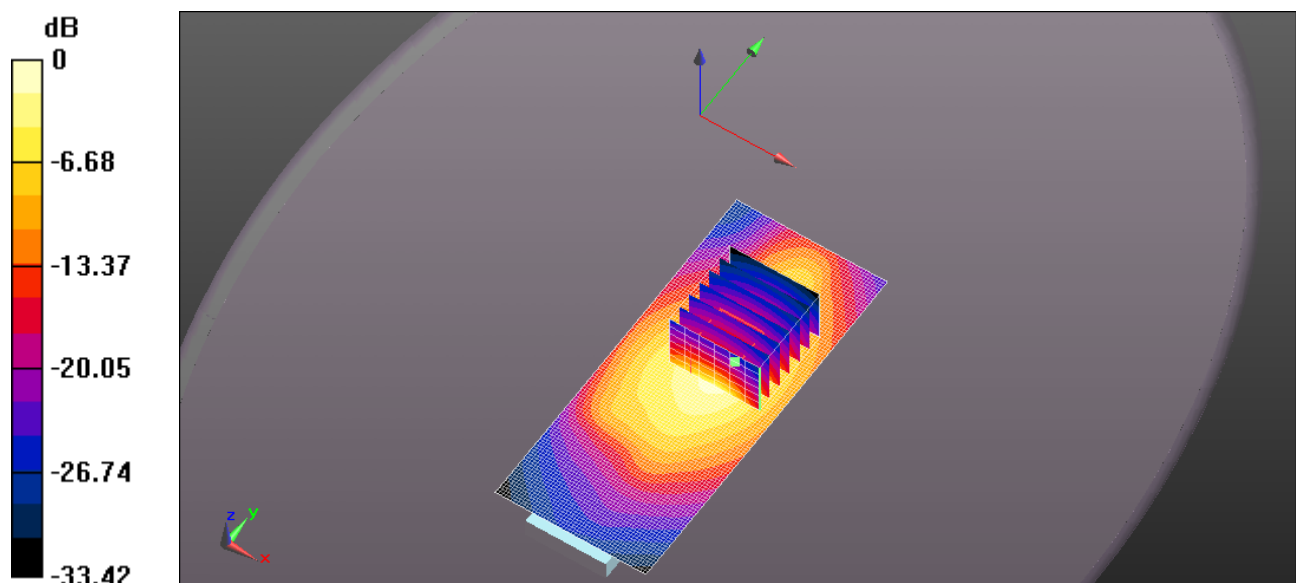
Configuration_Body_Q5X QT-300 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 36.78 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.540 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 563 MHZ 100MW FRONT .DA52:0](#)

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

Communication System: UID 0, CW (0); Frequency: 563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 563$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 54.83$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

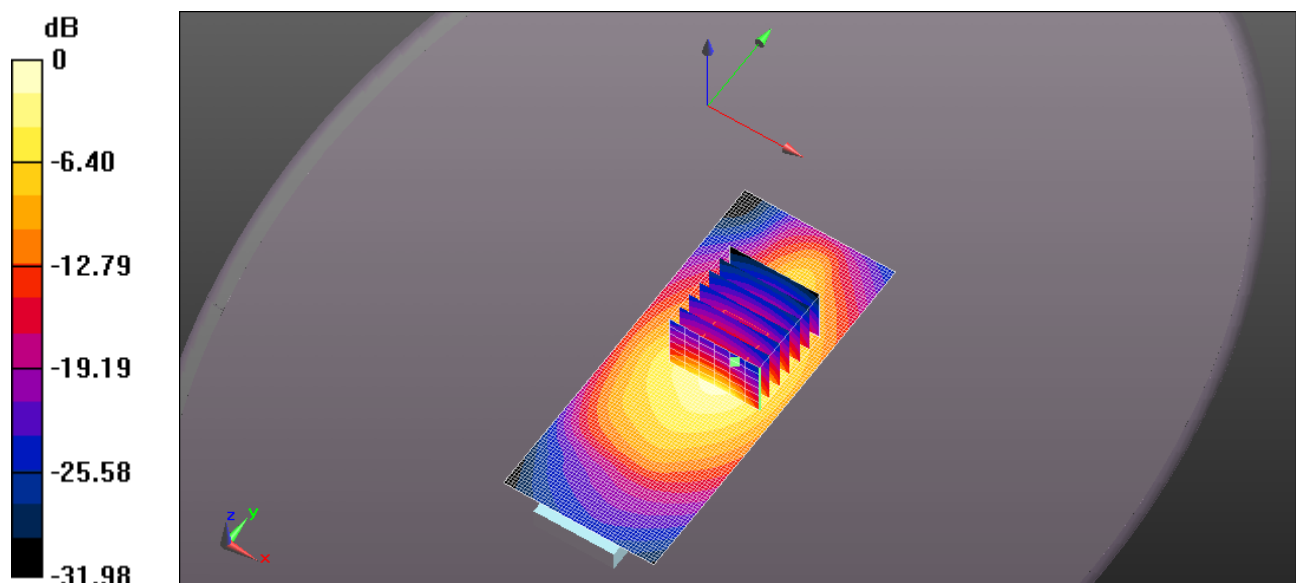
Configuration_Body_Q5X QT-300 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 34.34 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.384 W/kg (SAR corrected for target medium)

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



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 581 MHZ 100MW FRONT .DA52:0](#)

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

Communication System: UID 0, CW (0); Frequency: 581 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 581.25$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 54.473$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

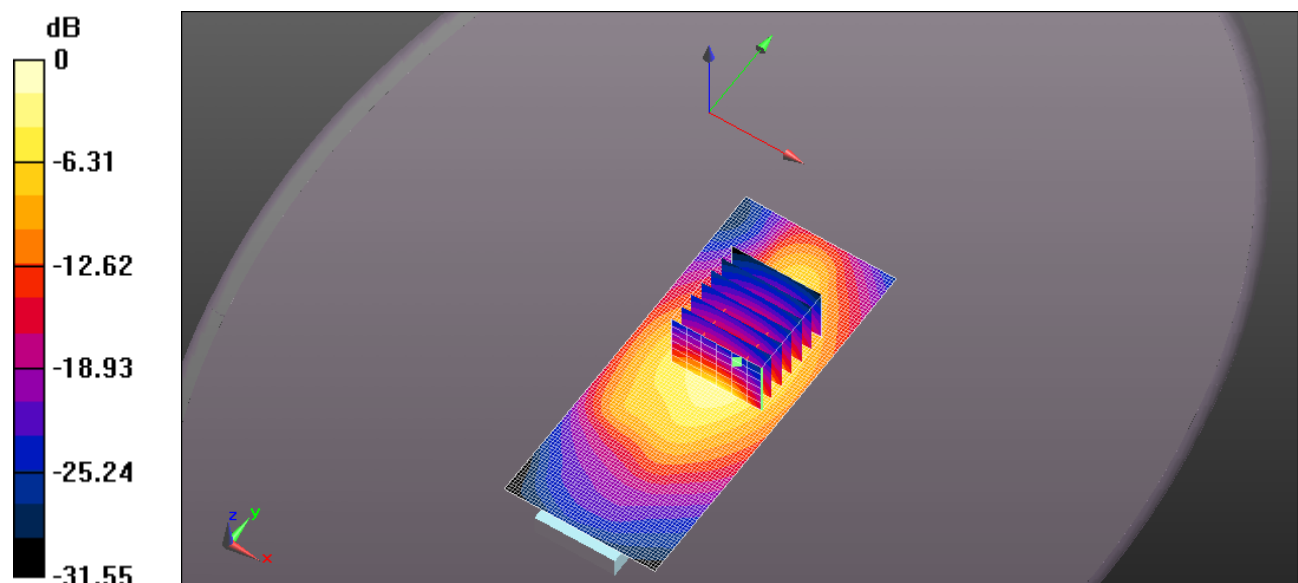
Configuration_Body_Q5X QT-300 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.31 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.366 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.07 W/kg = 0.27 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 PLAYERMIC 600 MHZ 100MW FRONT .DA52:0](#)

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

Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 600$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 54.138$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

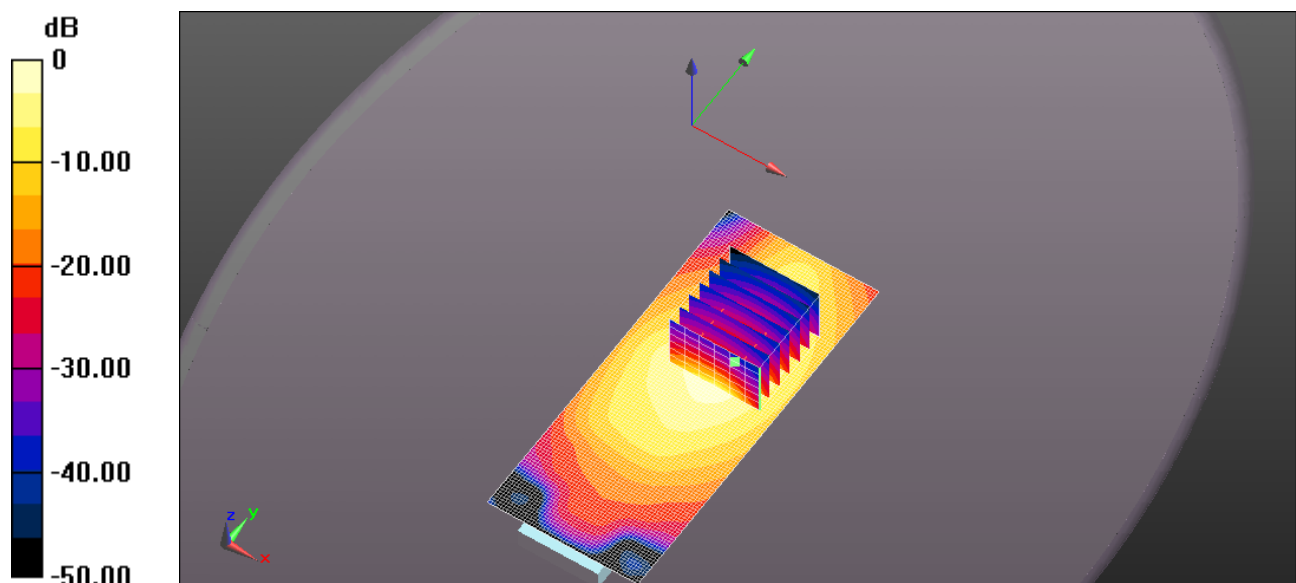
Configuration_Body_Q5X QT-300 Mid Band 525-600MHz 100mW/Body Front, P=100mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 27.67 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.381 W/kg (SAR corrected for target medium)

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



0 dB = 1.11 W/kg = 0.46 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [Q5X-0650 QT-300 BELTMIC 525MHZ 250MW BACK-30022 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30022

Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ 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)
- 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 Mid Band 525-600MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

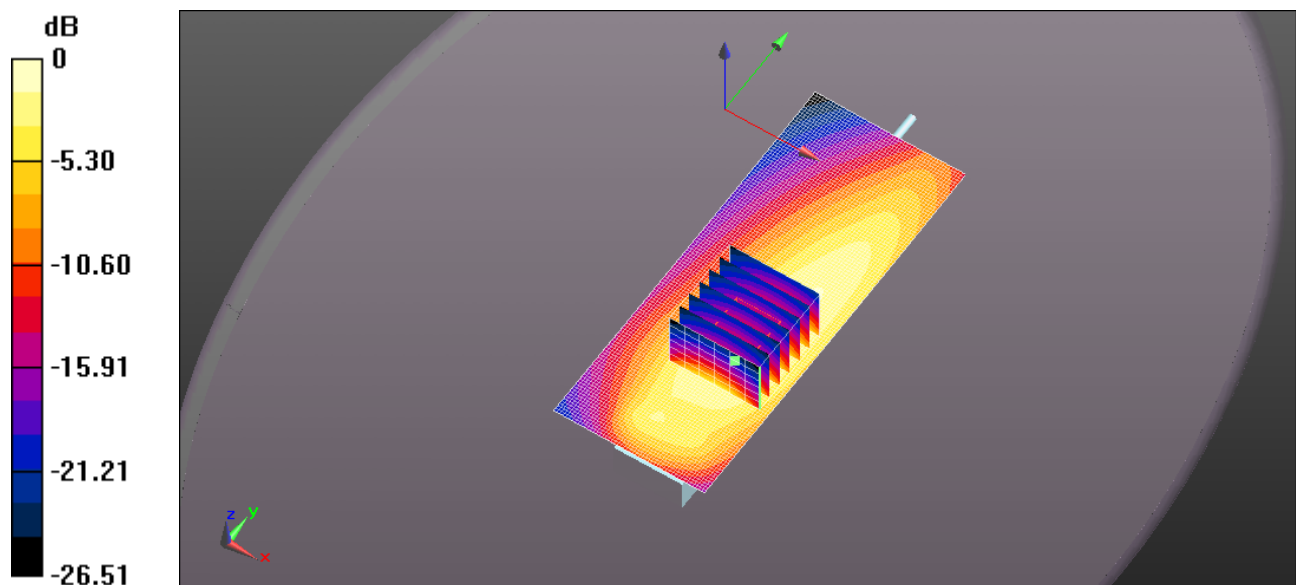
Configuration_Body_Q5X QT-300 BeltMic Mid Band 525-600MHz 250mW/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 32.21 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.531 W/kg (SAR corrected for target medium)

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



0 dB = 1.16 W/kg = 0.64 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 BELTMIC 525MHZ 250MW FRONT-30022 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30022

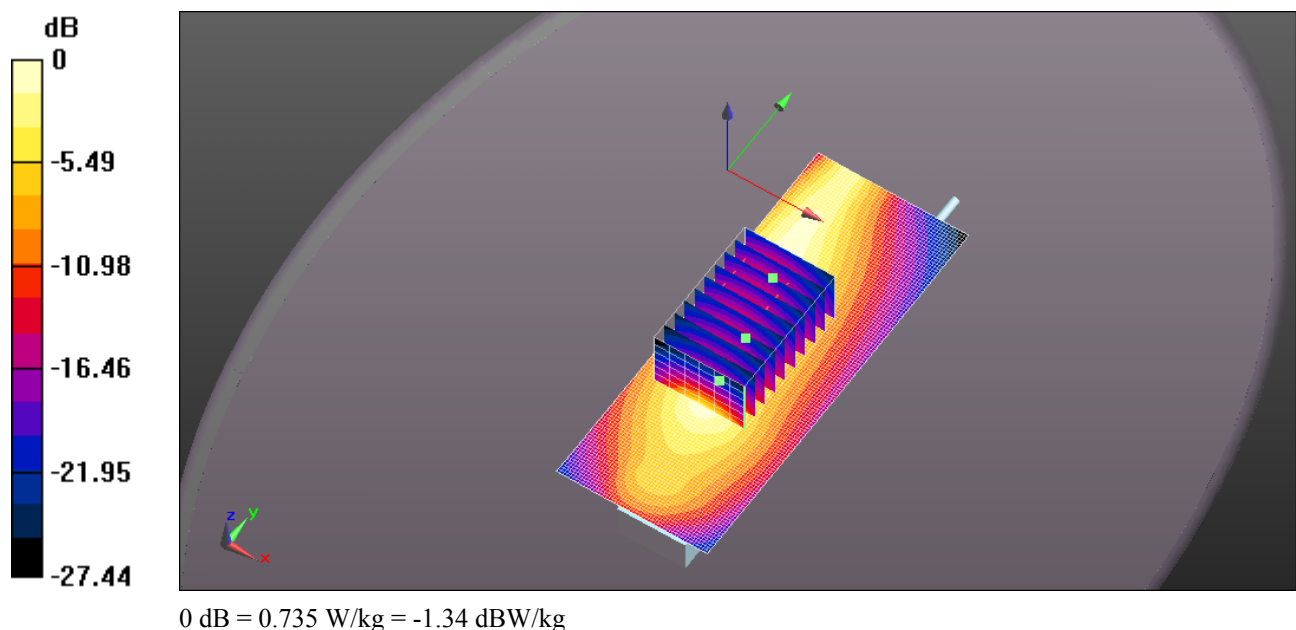
Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- 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 Mid Band 525-600MHz 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) = 0.735 W/kg

Configuration_Body_Q5X QT-300 BeltMic Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x10x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 10.99 V/m; Power Drift = 0.27 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.324 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 0.813 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-047R2 QT-300 BELTMIC 544MHZ 250MW BACK.DA52:0](#)

DUT: QT-300 BeltMic; Type: UHF Transmitter; Serial: 30022

Communication System: UID 0, CW (0); Frequency: 544 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 544$ MHz; $\sigma = 0.855$ S/m; $\epsilon_r = 52.48$; $\rho = 1000$ kg/m³ ; 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_QT-300/Body Back, P=250mW, d=0mm/Area Scan (71x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.836 W/kg

Configuration_Body_QT-300/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7)

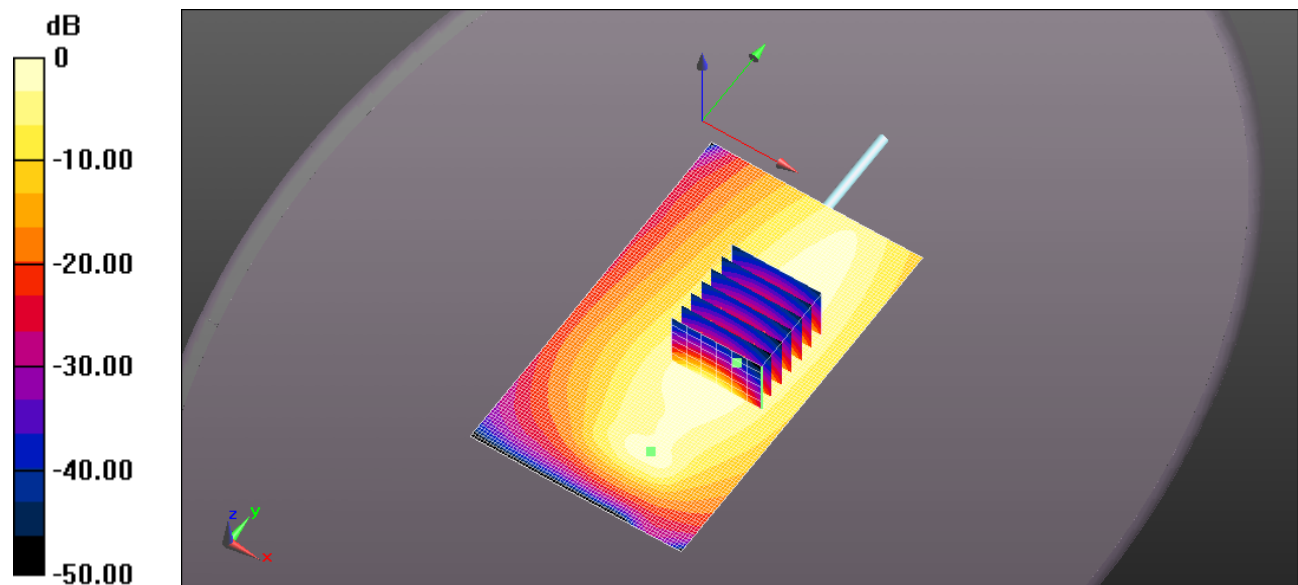
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.88 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.397 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.836 W/kg = -0.78 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-047R2 QT-300 BELTMIC 563MHZ 250MW BACK.DA52:0](#)

DUT: QT-300 BeltMic; Type: UHF Transmitter; Serial: 30022

Communication System: UID 0, CW (0); Frequency: 563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 563$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 53.436$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); 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_QT-300/Body Back, P=250mW, d=0mm/Area Scan (71x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.836 W/kg

Configuration_Body_QT-300/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7)

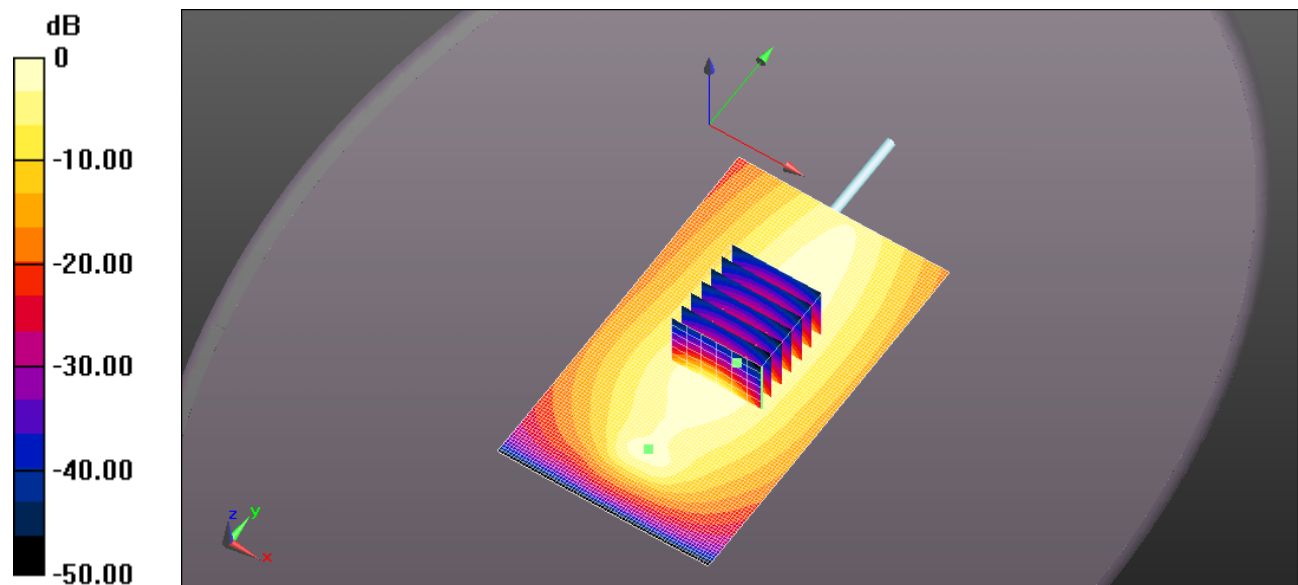
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.14 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.897 W/kg

SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.379 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.674 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-047R2 QT-300 BELTMIC 581MHZ 250MW BACK.DA52:0](#)

DUT: QT-300 BeltMic ; Type: UHF Transmitter; Serial: 30022

Communication System: UID 0, CW (0); Frequency: 581 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 581.25$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 54.216$; $\rho = 1000$ kg/m³ ; Phantom section:
Flat Section ; Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS2 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_QT-300/Body Back, P=250mW, d=0mm/Area Scan (71x121x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.864 W/kg

Configuration_Body_QT-300/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7)

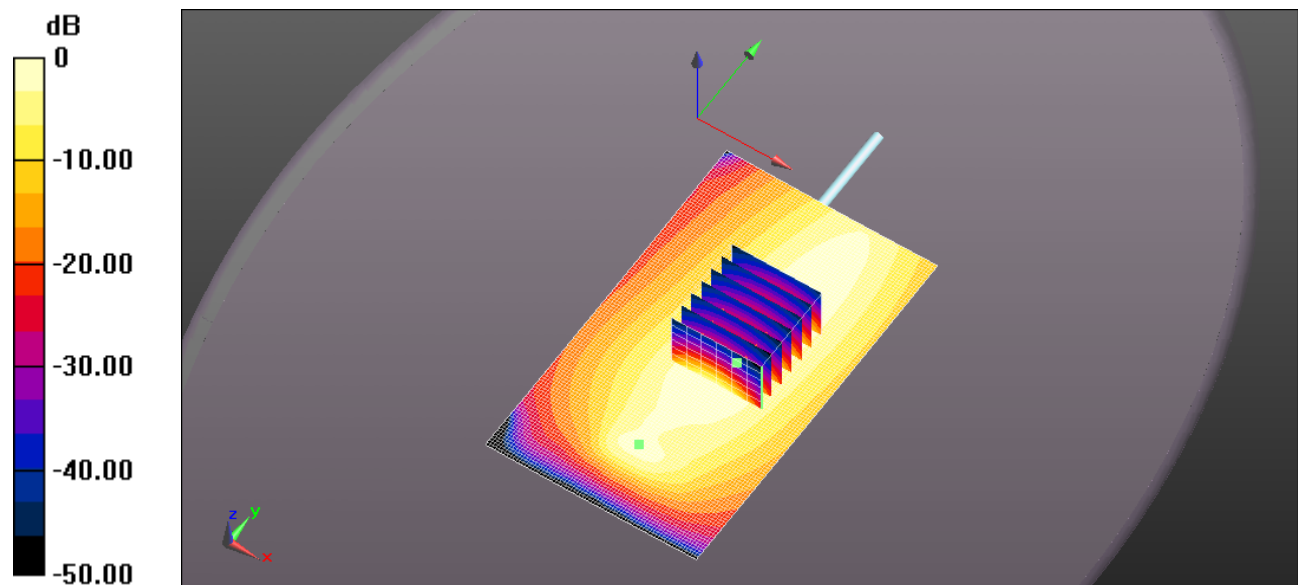
(7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.45 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.957 W/kg

SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.392 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.864 W/kg = -0.63 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-047R2 QT-300 BELTMIC 600MHZ 250MW BACK.DA52:0](#)

DUT: QT-300 BeltMic ; Type: UHF Transmitter; Serial: 30022

Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 600 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 54.201$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/22/2016
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_QT-300/Body Back, P=250mW, d=0mm/Area Scan (71x121x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.760 W/kg

Configuration_Body_QT-300/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7)

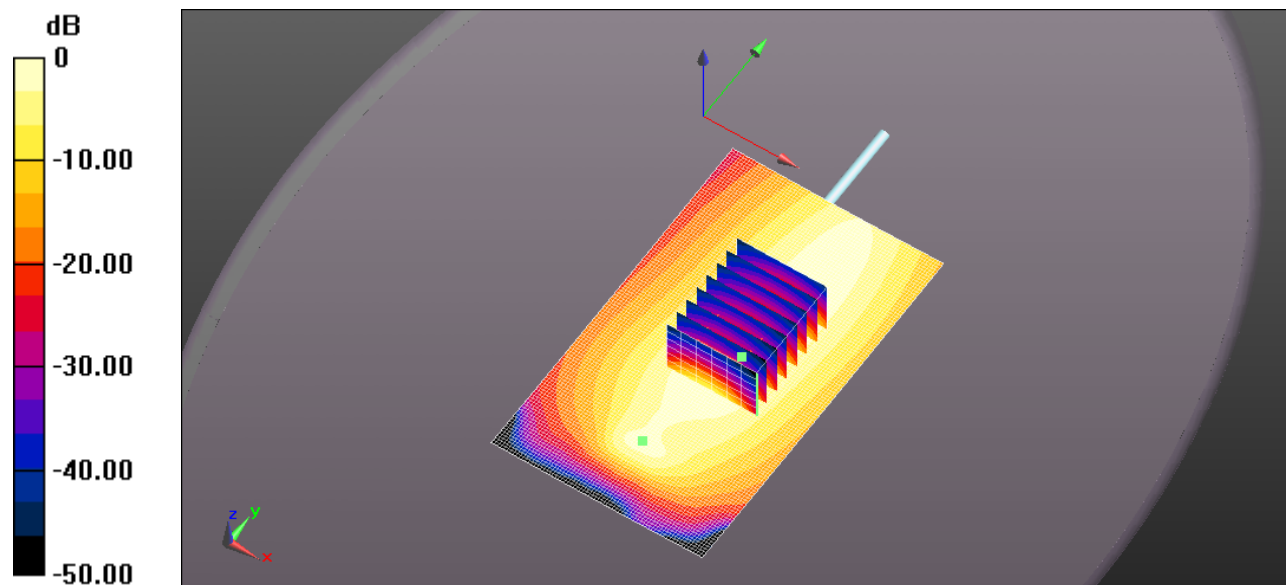
(7x8x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.36 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.513 W/kg ; SAR(10 g) = 0.330 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 0.617 W/kg



0 dB = 0.760 W/kg = -1.19 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 525MHZ 250MW FRONT-30023 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30023

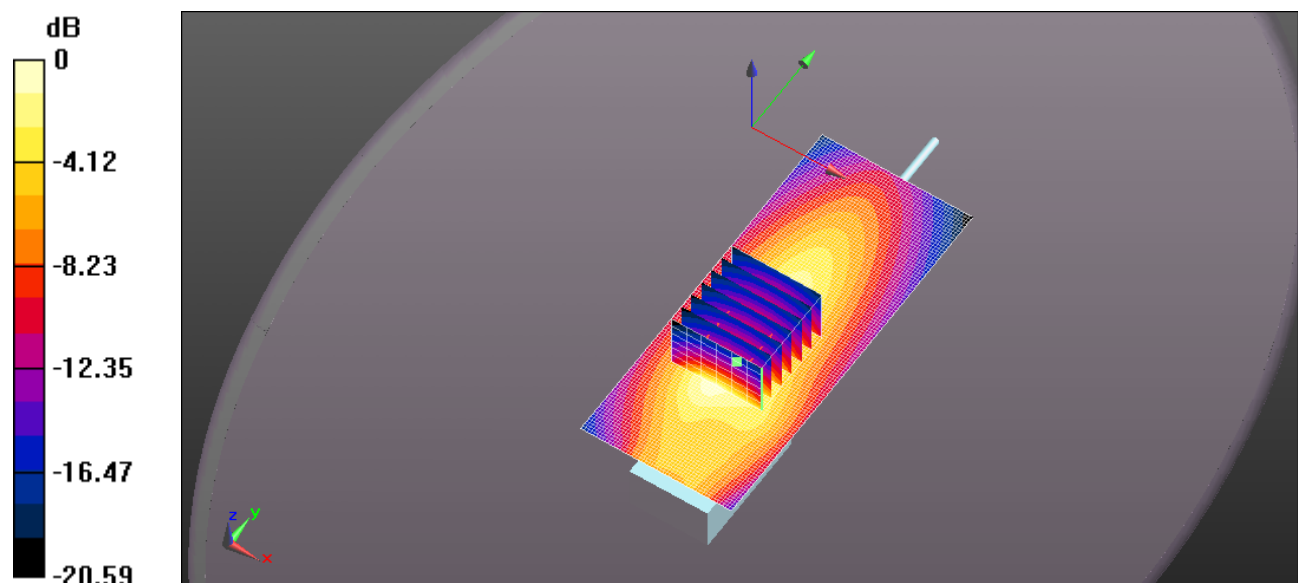
Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- 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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

Configuration_Body_Q5X QT-300 AquaMic Mid Band 525-600MHz 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 = 25.84 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.773 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.67 W/kg = 2.22 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [Q5X-0650 QT-300 AQUAMIC 525MHZ 250MW BACK-30023 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30023

Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ 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)
- 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 Mid Band 525-600MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (51x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.996 W/kg

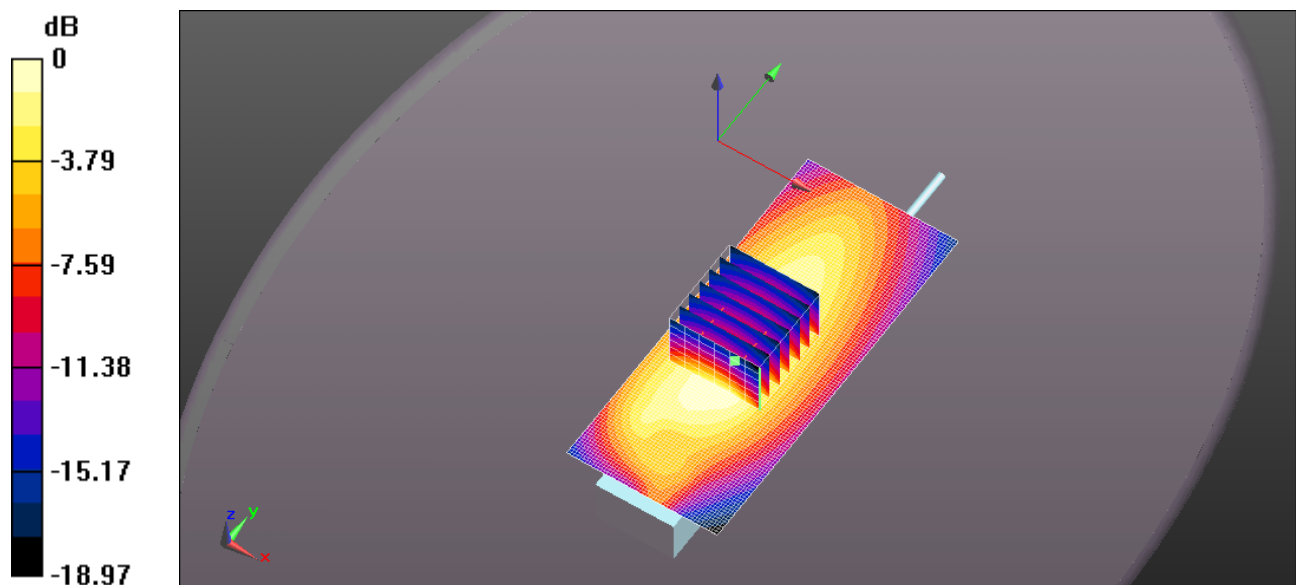
Configuration_Body_Q5X QT-300 AquaMic Mid Band 525-600MHz 250mW/Body Back, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.45 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.537 W/kg (SAR corrected for target medium)

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



0 dB = 0.996 W/kg = -0.02 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 544MHZ 250MW FRONT-30023 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30023

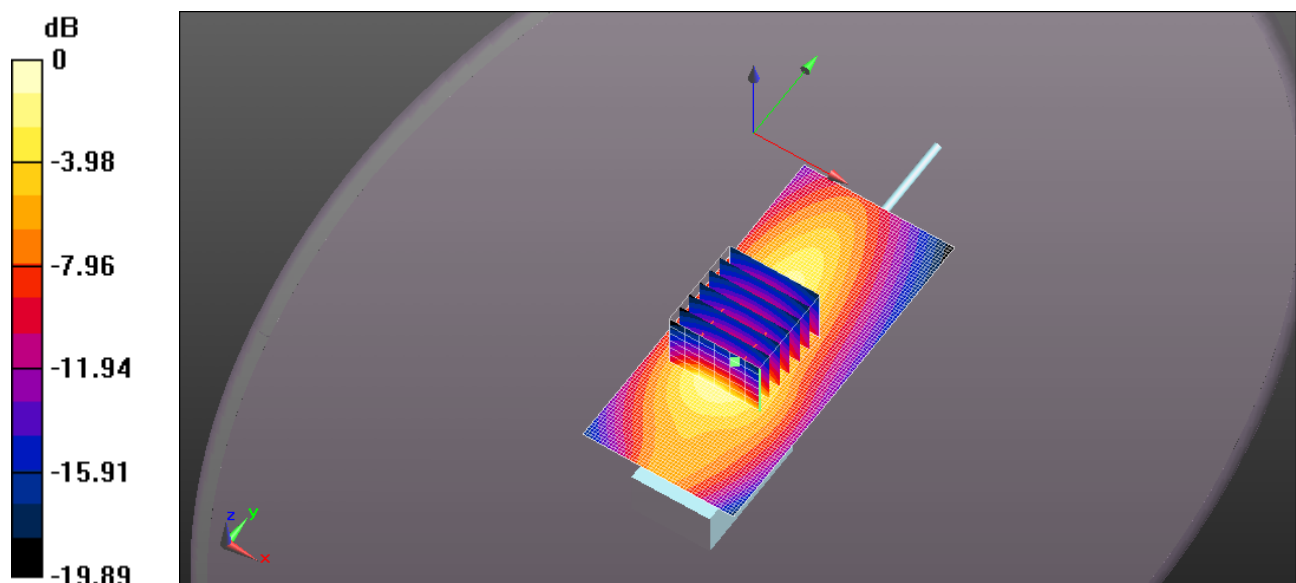
Communication System: UID 0, CW (0); Frequency: 544 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 544$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 55.067$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- 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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.62 W/kg

Configuration_Body_Q5X QT-300 AquaMic Mid Band 525-600MHz 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 = 20.22 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.683 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.62 W/kg = 2.09 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [Q5X-0650 QT-300 AQUAMIC 563MHZ 250MW FRONT-30023 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30023

Communication System: UID 0, CW (0); Frequency: 563 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 563$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 54.83$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.48 W/kg

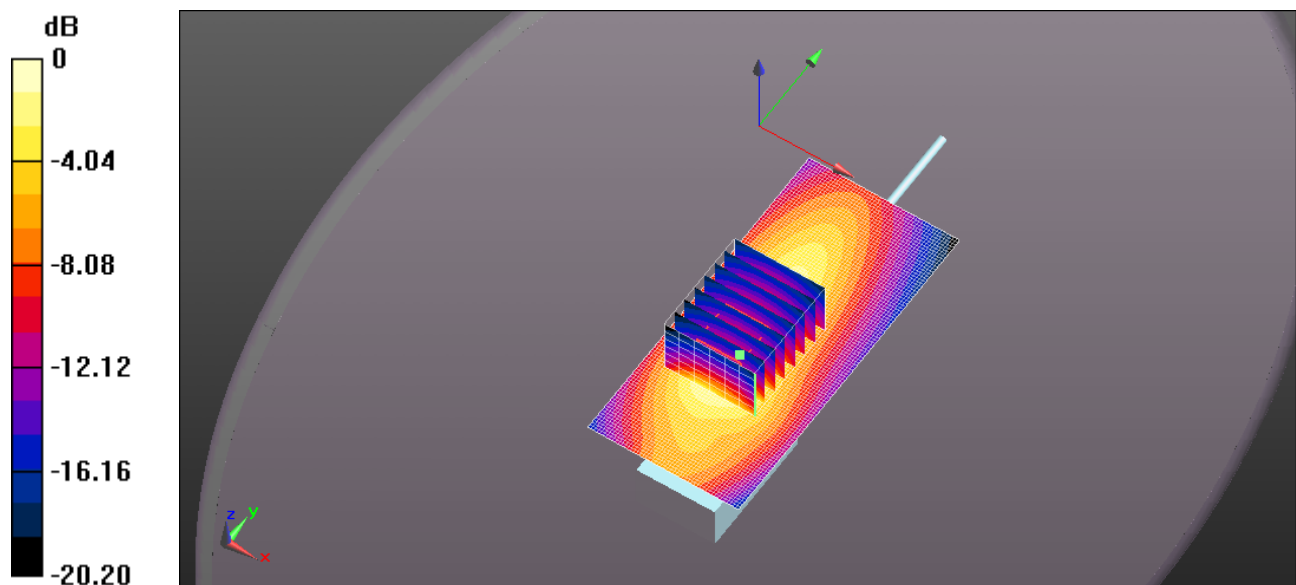
Configuration_Body_Q5X QT-300 AquaMic Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.76 V/m; Power Drift = 0.27 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.641 W/kg (SAR corrected for target medium)

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



0 dB = 1.48 W/kg = 1.69 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 581MHZ 250MW FRONT-30023 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30023

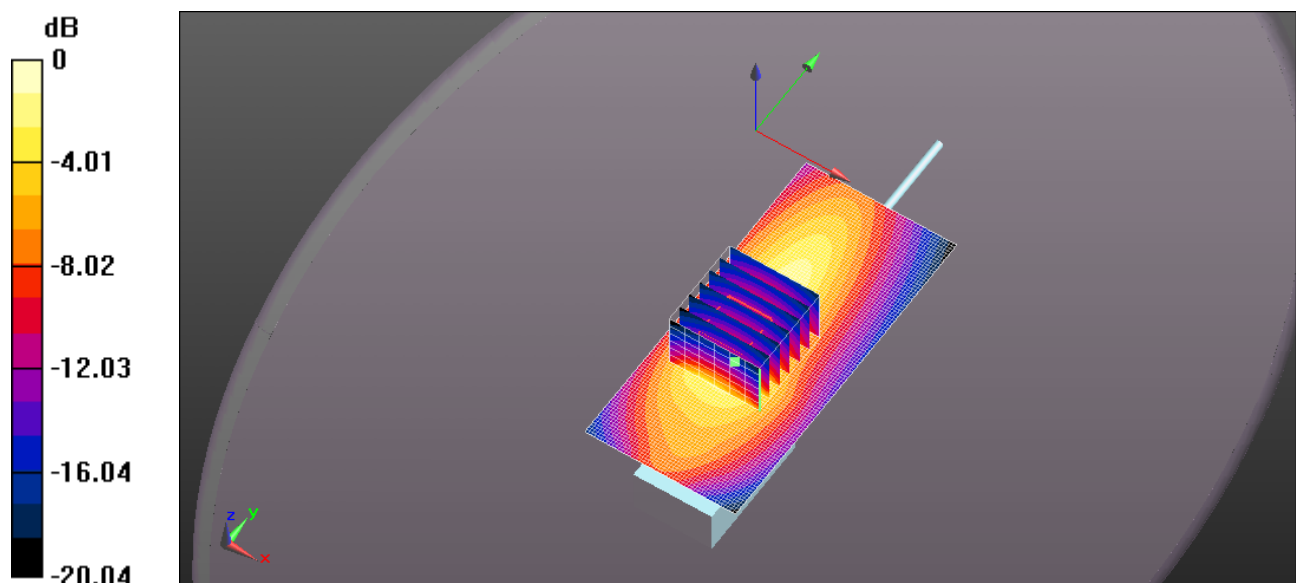
Communication System: UID 0, CW (0); Frequency: 581 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 581.25$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 54.473$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Configuration_Body_Q5X QT-300 AquaMic Mid Band 525-600MHz 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 = 18.10 V/m; Power Drift = 0.30 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.605 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.58 W/kg = 1.98 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 AQUAMIC 600MHZ 250MW FRONT-30023 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30023

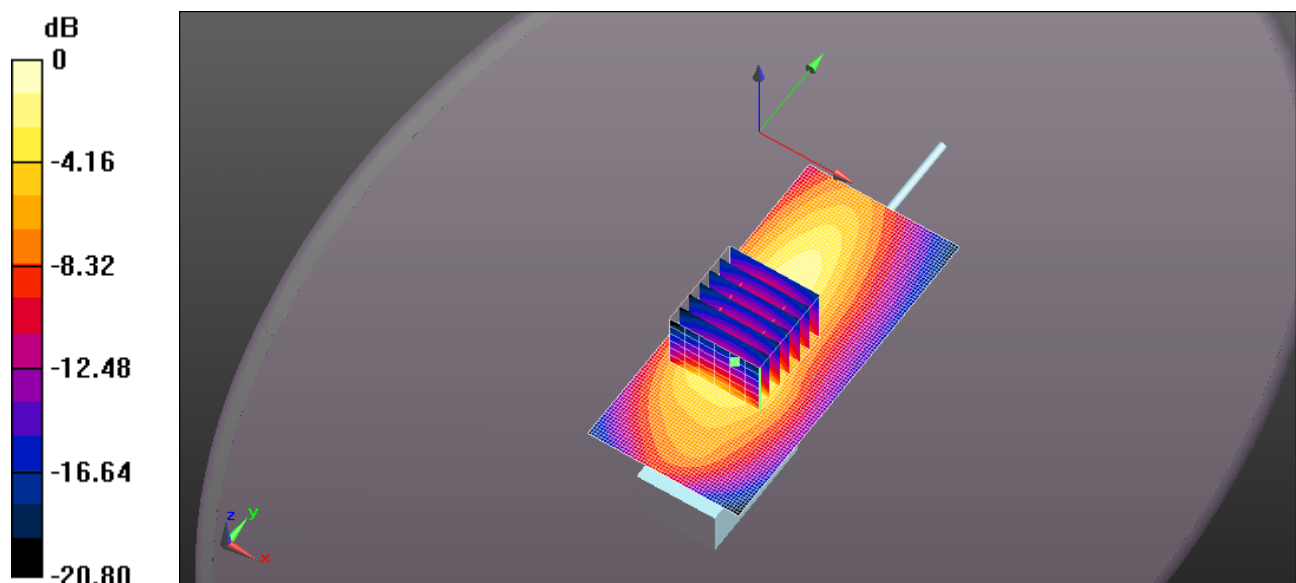
Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 600 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 54.138$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.49 W/kg

Configuration_Body_Q5X QT-300 AquaMic Mid Band 525-600MHz 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 = 16.82 V/m; Power Drift = 0.30 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.568 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.49 W/kg = 1.74 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 525MHZ 250MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 55.201$; $\rho = 1000$ 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)
- 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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.04 W/kg

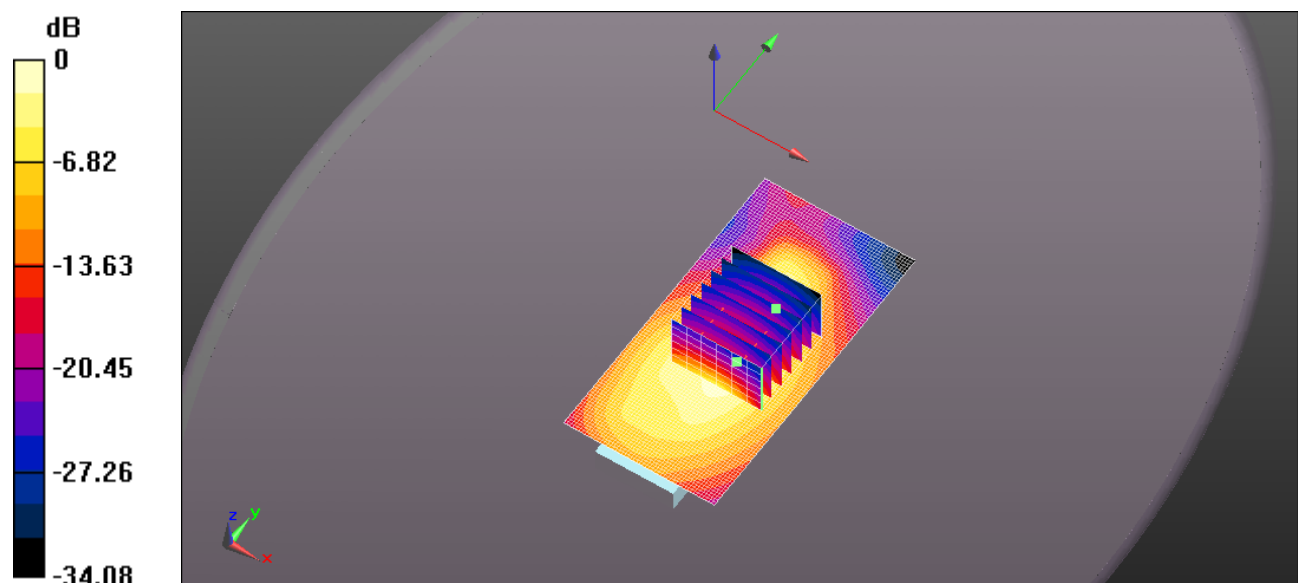
Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 39.83 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.799 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 525MHZ 250MW BACK-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

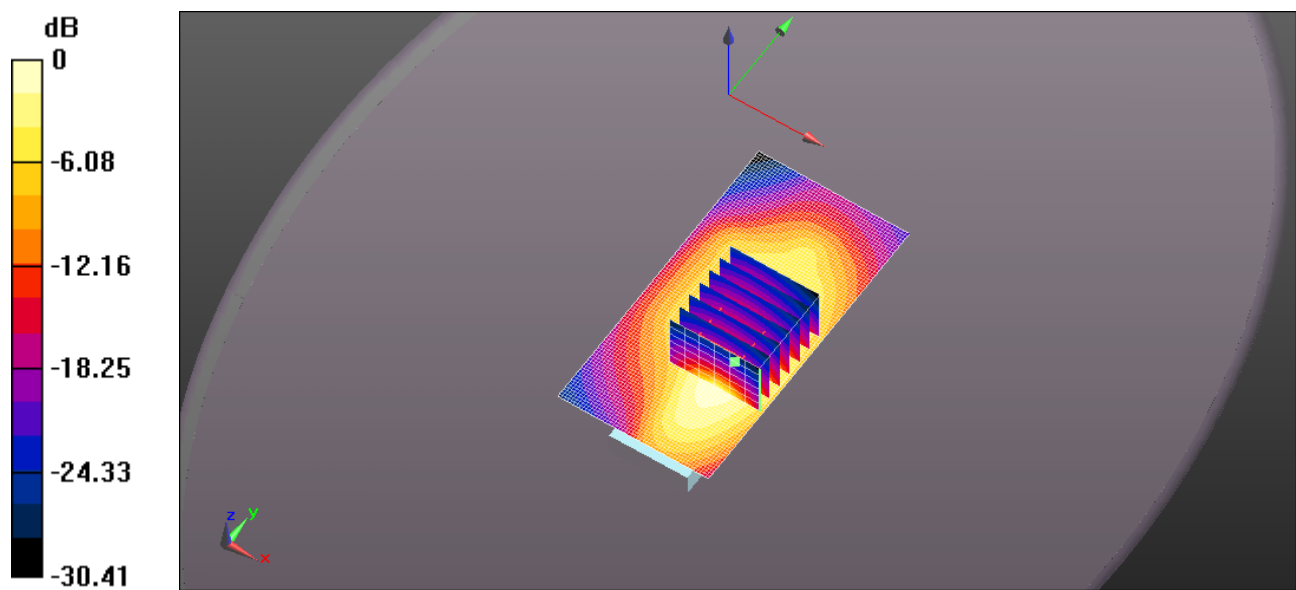
Communication System: UID 0, CW (0); Frequency: 525 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 525 \text{ MHz}$; $\sigma = 0.862 \text{ S/m}$; $\epsilon_r = 55.201$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- 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 Mid Band 525-600MHz 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) = 1.82 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 41.03 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.846 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 544MHZ 250MW BACK-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

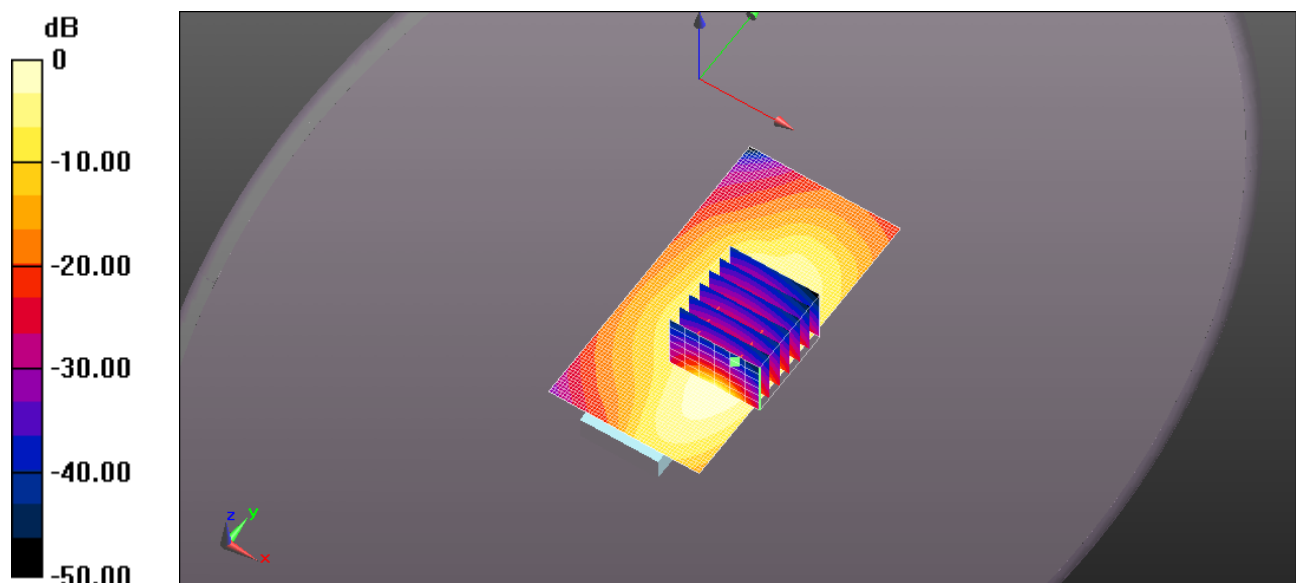
Communication System: UID 0, CW (0); Frequency: 544 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 544$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 55.067$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- 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 Mid Band 525-600MHz 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) = 1.49 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 40.04 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 2.16 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.626 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.49 W/kg = 1.74 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 544MHZ 250MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

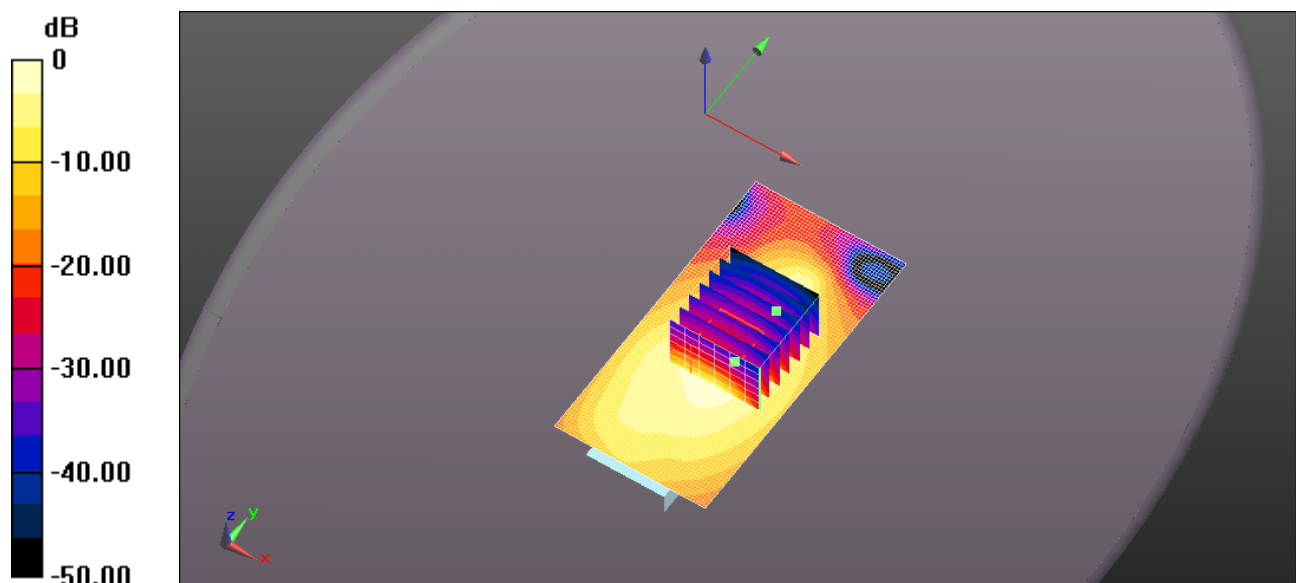
Communication System: UID 0, CW (0); Frequency: 544 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 544$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 55.067$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.51, 10.51, 10.51); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- 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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.90 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 40.54 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.677 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 563MHZ 250MW BACK-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

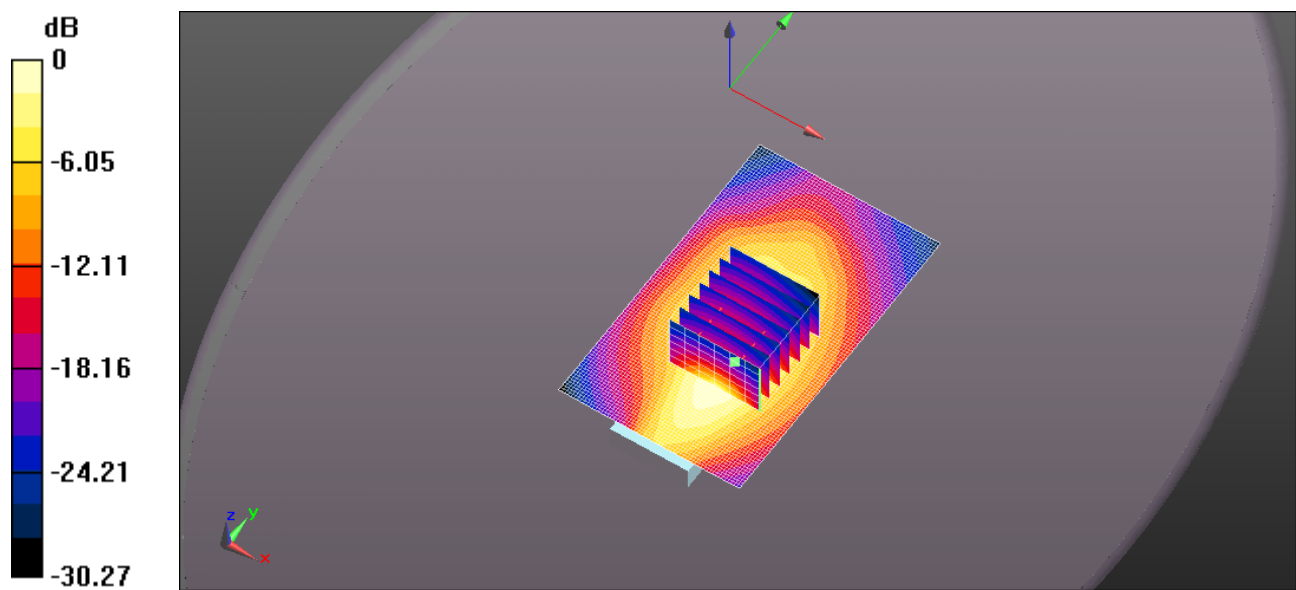
Communication System: UID 0, CW (0); Frequency: 563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 563$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 54.83$; $\rho = 1000$ kg/m³ ; Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 35.35 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.630 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.42 W/kg = 1.54 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 563MHZ 250MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

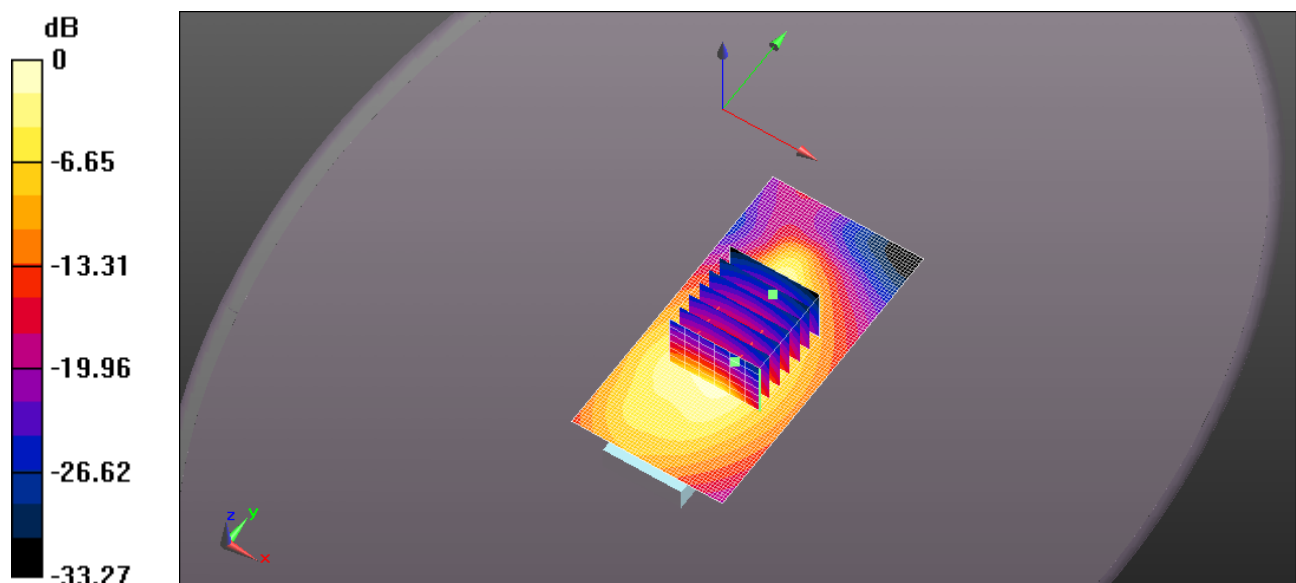
Communication System: UID 0, CW (0); Frequency: 563 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 563$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 54.83$; $\rho = 1000$ kg/m³ ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.64 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 32.32 V/m; Power Drift = 0.27 dB
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.718 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.64 W/kg = 2.14 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 581MHZ 250MW BACK-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

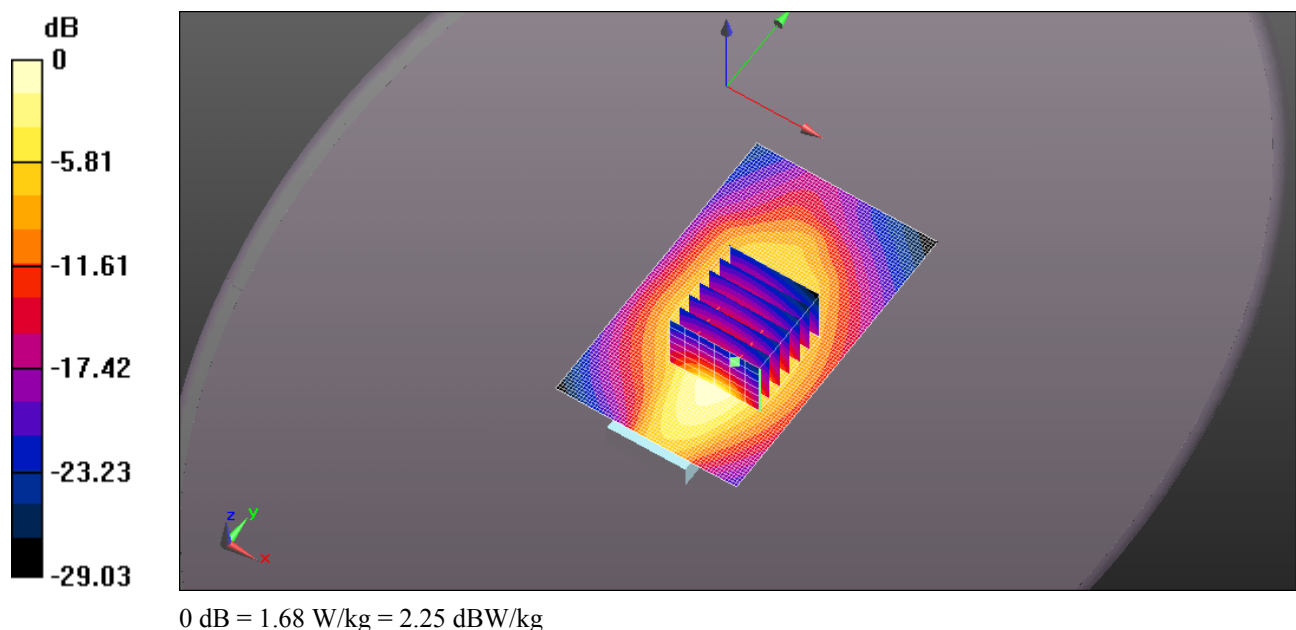
Communication System: UID 0, CW (0); Frequency: 581 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 581.25$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 54.473$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.68 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 38.31 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.715 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.94 W/kg



Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 581MHZ 250MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

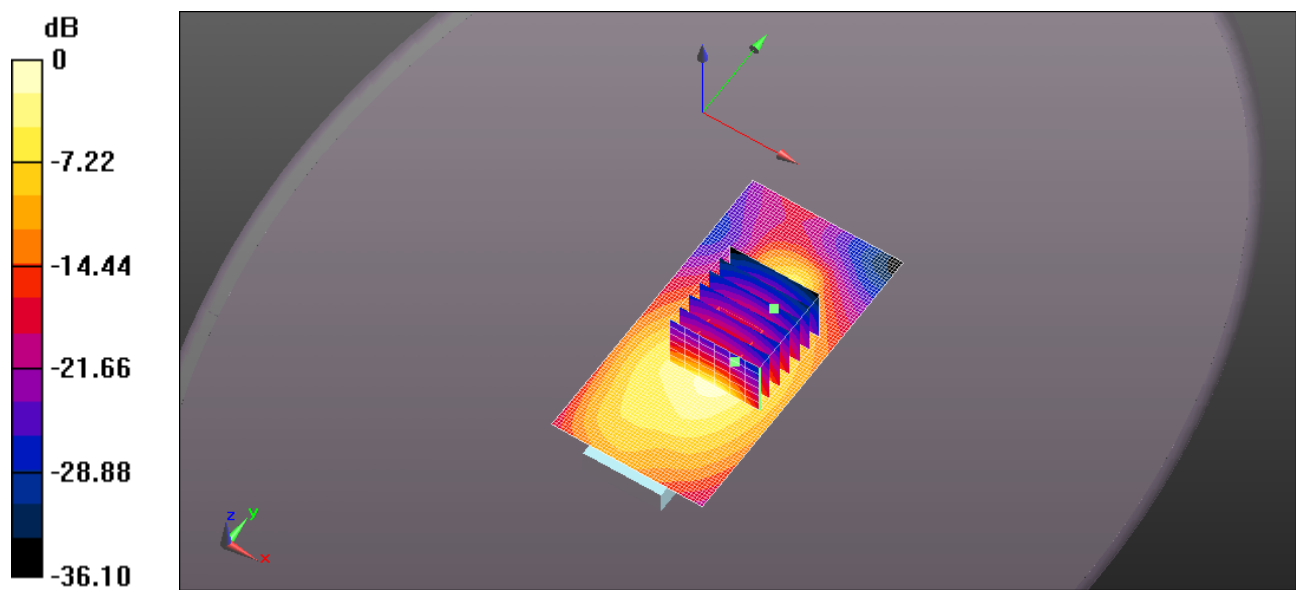
Communication System: UID 0, CW (0); Frequency: 581 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 581.25$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 54.473$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.03 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 40.89 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.702 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 600MHZ 250MW BACK-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

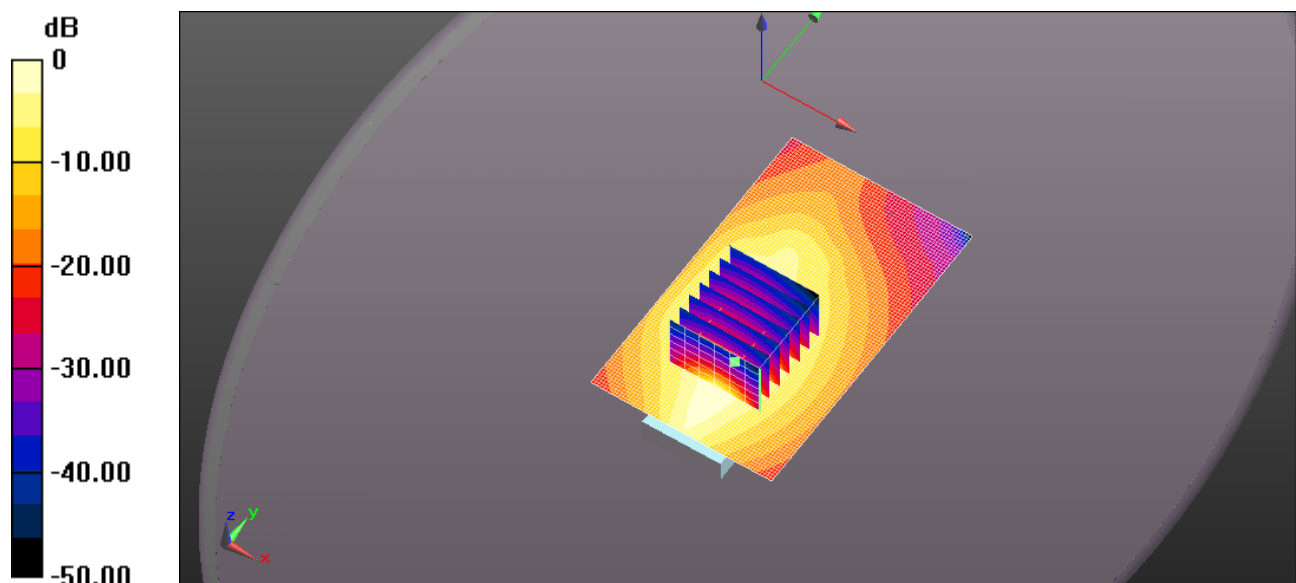
Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 600$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 54.138$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Back, P=250mW, d=0mm/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.84 W/kg

Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 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 = 23.19 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.25 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.654 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

Test Laboratory: Ultratech Group of Labs

FILE NAME: [05X-065Q QT-300 INCOGNITO 600MHZ 250MW FRONT-30020 .DA52:0](#)

DUT: QT-300; Type: UHF Transmitter; Serial: 30020

Communication System: UID 0, CW (0); Frequency: 600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 600 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 54.138$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(10.19, 10.19, 10.19); Calibrated: 3/20/2017;
- Sensor-Surface: 1.4mm (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 Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.26 W/kg

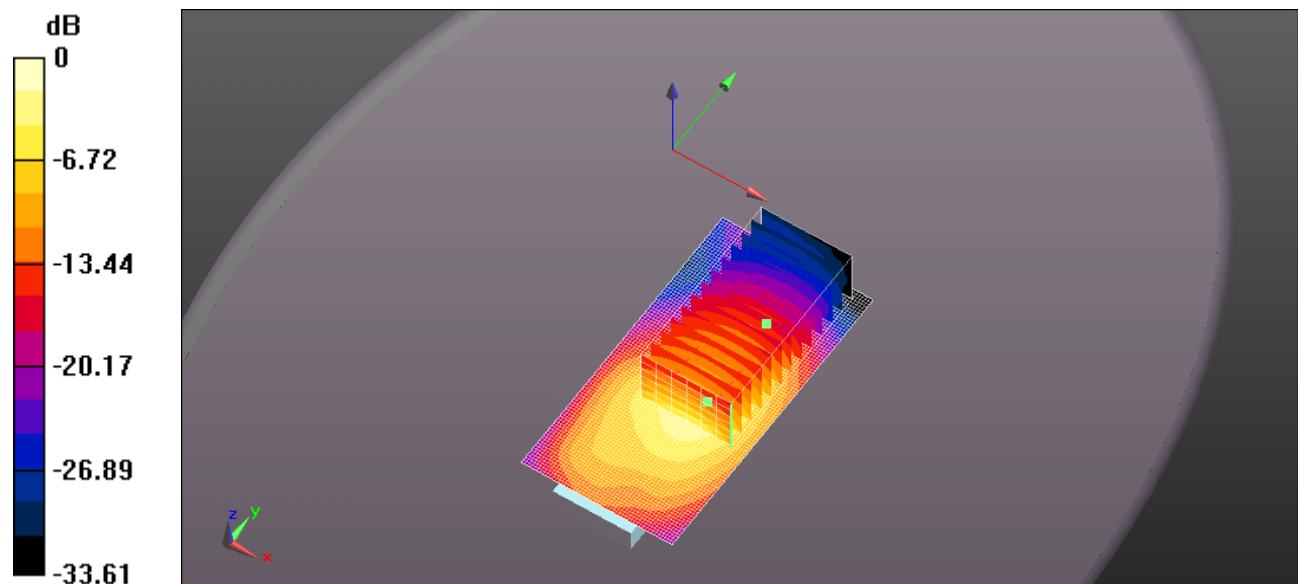
Configuration_Body_Q5X QT-300 Incognito Mid Band 525-600MHz 250mW/Body Front, P=250mW, d=0mm/Zoom Scan (5x5x7) (7x13x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 41.62 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.83 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.621 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.26 W/kg = 3.54 dBW/kg