

15.7 SAR Simultaneous Transmission Analysis

➤ Simultaneous Transmission

Spacing and Position			Standalone SAR _{1g} (W/kg)					Σ SAR _{1g} (W/kg)
			LTE Band 2	LTE Band 5	LTE Band 7	LTE Band 66	NR n7	Max EN-DC
0mm	Head	Right Cheek	0.018	0.149	0.148	0.108	1.159	1.308
		Right Tilted	0.004	0.054	0.107	0.061	0.673	0.780
		Left Cheek	0.054	0.194	0.239	0.125	0.303	0.542
		Left Tilted	0.032	0.069	0.342	0.074	0.181	0.523
10mm	Body-worn	Front	0.007	0.293	0.119	0.015	0.120	0.413
		Back	0.007	0.324	0.155	0.018	0.157	0.481
	Hotspot	Front	0.007	0.293	0.119	0.015	0.120	0.413
		Back	0.007	0.324	0.155	0.018	0.157	0.481
		Left	0.000	0.166	0.000	0.000	0.290	0.456
		Right	0.010	0.000	0.187	0.024	0.000	0.187
		Top	0.003	0.000	0.069	0.015	0.060	0.130
		Bottom	0.000	0.159	0.000	0.000	0.000	0.159
5mm	Body-worn	Front	0.032	0.127	0.243	0.064	0.364	0.364
		Back	0.002	0.680	0.139	0.011	0.068	0.068
	Hotspot	Front	0.032	0.127	0.243	0.064	0.364	0.606
		Back	0.002	0.680	0.139	0.011	0.068	0.748
		Left	0.000	0.256	0.000	0.000	1.057	1.313
		Right	0.031	0.000	0.502	0.054	0.000	0.502
		Top	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom	0.017	0.237	0.100	0.009	0.000	0.420

Spacing and Position			Standalone SAR _{1g} (W/kg)					Σ SAR _{1g} (W/kg)
			LTE Band 5	LTE Band 7	LTE Band 41	LTE Band 66(4)	NR n41(n38)	Max EN-DC
0mm	Head	Right Cheek	0.149	0.148	0.065	0.108	1.017	1.166
		Right Tilted	0.054	0.107	0.058	0.061	0.753	0.814
		Left Cheek	0.194	0.239	0.144	0.125	0.190	0.384
		Left Tilted	0.069	0.342	0.121	0.074	0.150	0.270
10mm	Body- worn	Front	0.293	0.119	0.019	0.015	0.126	0.420
		Back	0.324	0.155	0.023	0.018	0.149	0.473
	Hotspot	Front	0.293	0.119	0.019	0.015	0.126	0.420
		Back	0.324	0.155	0.023	0.018	0.149	0.473
		Left	0.166	0.000	0.000	0.000	0.288	0.454
		Right	0.000	0.187	0.030	0.024	0.000	0.030
		Top	0.000	0.069	0.012	0.015	0.057	0.072
		Bottom	0.159	0.000	0.000	0.000	0.000	0.159
5mm	Body- worn	Front	0.127	0.243	0.062	0.064	0.368	0.368
		Back	0.680	0.139	0.031	0.011	0.074	0.074
	Hotspot	Front	0.127	0.243	0.062	0.064	0.368	0.495
		Back	0.680	0.139	0.031	0.011	0.074	0.754
		Left	0.256	0.000	0.000	0.000	1.097	1.353
		Right	0.000	0.502	0.053	0.054	0.000	0.054
		Top	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom	0.237	0.100	0.025	0.009	0.189	0.426

Spacing and Position			Standalone SAR _{1g} (W/kg)						Σ SAR _{1g} (W/kg)
			LTE Band 2	LTE Band 5	LTE Band 7	LTE Band 41	LTE Band 66	NR n77(n78)	Max EN-DC
0mm	Head	Right Cheek	0.655	0.149	0.148	0.065	0.108	0.452	1.107
		Right Tilted	0.153	0.054	0.107	0.058	0.061	0.201	0.354
		Left Cheek	0.273	0.194	0.239	0.144	0.125	0.327	0.600
		Left Tilted	0.075	0.069	0.342	0.121	0.074	0.128	0.470
10mm	Body- worn	Front	0.098	0.293	0.119	0.019	0.015	0.035	0.329
		Back	0.077	0.324	0.155	0.023	0.018	0.066	0.389
	Hotspot	Front	0.098	0.293	0.119	0.019	0.015	0.035	0.329
		Back	0.077	0.324	0.155	0.023	0.018	0.066	0.389
		Left	0.134	0.166	0.000	0.000	0.000	0.014	0.180
		Right	0.000	0.000	0.187	0.030	0.024	0.000	0.187
		Top	0.020	0.000	0.069	0.012	0.015	0.013	0.082
		Bottom	0.000	0.159	0.000	0.000	0.000	0.000	0.159
5mm	Body- worn	Front	0.182	0.127	0.243	0.062	0.064	0.110	0.110
		Back	0.053	0.680	0.139	0.031	0.011	0.019	0.019
	Hotspot	Front	0.182	0.127	0.243	0.062	0.064	0.110	0.353
		Back	0.053	0.680	0.139	0.031	0.011	0.019	0.698
		Left	0.524	0.256	0.000	0.000	0.000	0.136	0.659
		Right	0.000	0.000	0.502	0.053	0.054	0.000	0.502
		Top	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		Bottom	0.039	0.237	0.100	0.025	0.009	0.027	0.265

Spacing and Position			Max Standalone SAR _{1g} (W/kg)					Σ SAR _{1g} (W/kg)	
			1	2	4	5	6	1+2+6	1+4+5+6
			MAX WWAN	2.4G MIMO	5G MIMO	BT	NFC		
0mm	Head	Right Cheek	1.308	0.218	0.211	0.000	0.000	1.526	1.519
		Right Tilted	0.860	0.134	0.088	0.000	0.000	0.994	0.948
		Left Cheek	0.600	0.242	0.375	0.005	0.000	0.842	0.98
		Left Tilted	0.523	0.260	0.168	0.011	0.000	0.783	0.702
10mm	Body-worn	Front	0.480	0.065	0.062	0.007	0.000	0.545	0.549
		Back	0.606	0.034	0.018	0.000	0.000	0.64	0.624
	Hotspot	Front	0.480	0.065	0.062	0.007	0.000	0.545	0.549
		Back	0.606	0.034	0.015	0.000	0.000	0.64	0.621
		Left	0.676	0.062	0.029	0.000	0.000	0.738	0.705
		Right	0.187	0.004	0.008	0.004	0.000	0.191	0.199
		Top	0.215	0.046	0.011	0.003	0.000	0.261	0.229
		Bottom	0.251	0.000	0.000	0.000	0.000	0.251	0.251
5mm	Body-worn	Front	0.673	0.329	0.060	0.000	0.000	1.002	0.733
		Back	1.189	0.078	0.008	0.000	0.000	1.267	1.197
	Hotspot	Front	0.673	0.329	0.060	0.005	0.000	1.002	0.738
		Back	1.189	0.078	0.008	0.000	0.000	1.267	1.197
		Left	1.353	0.229	0.124	0.000	0.000	1.582	1.477
		Right	0.502	0.017	0.010	0.005	0.000	0.519	0.517
		Top	0.000	0.147	0.018	0.000	0.000	0.147	0.018
		Bottom	0.438	0.216	0.027	0.010	0.000	0.654	0.475

➤ **Simultaneous Transmission Conclusion**

The above numerical summed SAR results for all the case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D04v01.

15.8 Measurement Uncertainty

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEC/IEEE 62209-1528:2020 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

15.9 Measurement Conclusion

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the FCC and Industry Canada, with respect to all parameters subject to this test. These measurements were taken to simulate the RF effects of RF exposure under worst-case conditions. Precise laboratory measures were taken to assure repeatability of the tests. The results and statements relate only to the item(s) tested. Please note that the absorption and distribution of electromagnetic energy in the body are very complex phenomena that depend on the mass, shape, and size of the body, the orientation of the body with respect to the field vectors, and the electrical properties of both the body and the environment. Other variables that may play a substantial role in possible biological effects are those that characterize the environment (e.g. ambient temperature, air velocity, relative humidity, and body insulation) and those that characterize the individual (e.g. age, gender, activity level, debilitation, or disease). Because various factors may interact with one another to vary the specific biological outcome of an exposure to electromagnetic fields, any protection guide should consider maximal amplification of biological effects as a result of field-body interactions, environmental conditions, and physiological variables.

16 Reference

- [1]. FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”
- [2]. ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992
- [3]. IEC/IEEE 62209-1528:2020, “Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices –Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)”, October 2020
- [4]. SPEAG DASY52 System Handbook
- [5]. FCC KDB 248227 D01 v02r02, “SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS”, October 2015
- [6]. FCC KDB 447498 D04 v01, “RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES”, November 2021
- [7]. FCC KDB 648474 D04 v01r03, “SAR EVALUATION CONSIDERATIONS FOR WIRELESS HANDSETS”, October 2015
- [8]. FCC KDB 941225 D01 v03r01, “3G SAR MEASUREMENT PROCEDURES”, October 2015
- [9]. FCC KDB 941225 D05 v02r05, “SAR EVALUATION CONSIDERATIONS FOR LTE DEVICES”, Dec 2015
- [10]. FCC KDB 941225 D06 v02r01, “SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES”, October 2015
- [11]. FCC KDB 865664 D01 v01r04, “SAR MEASUREMENT REQUIREMENTS FOR 100 MHz TO 6 GHz”, August 2015

Appendix A: Plots of SAR System Check

Test Laboratory: JYTSZ

Date: 03.30.2024

DUT: Dipole 750 MHz; Type: D750V3; Serial: SN:1118

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 41.159$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 750 MHz Head Tissue/d=15mm,
 Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:**

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

Reference Value = 33.98 V/m; Power Drift = -0.01dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.458 W/kg

Smallest distance from peaks to all points 3 dB below = 15.6 mm

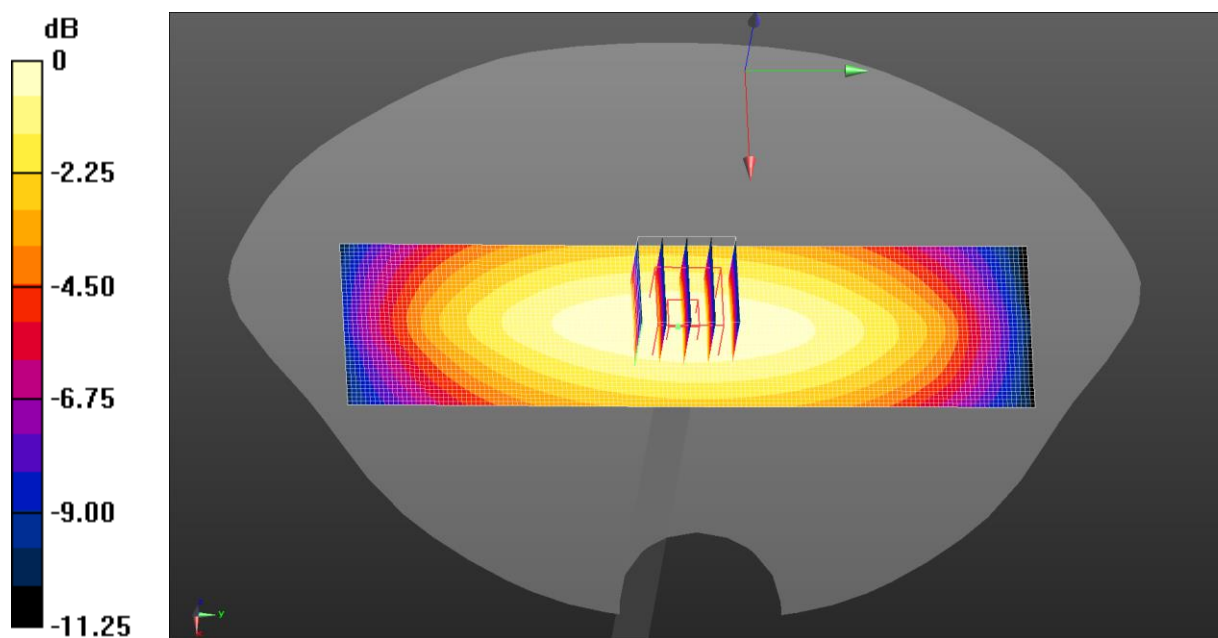
Ratio of SAR at M2 to SAR at M1 = 65.1%

Maximum value of SAR (measured) = 0.998 W/kg

**System Performance Check at Frequency 750 MHz Head Tissue/d=15mm,
 Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x151x1):** Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.987 W/kg



$$0 \text{ dB} = 0.998 \text{ W/kg} = -0.009 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.03.2024

DUT: Dipole 835 MHz; Type: D835V2; Serial: SN:4D154

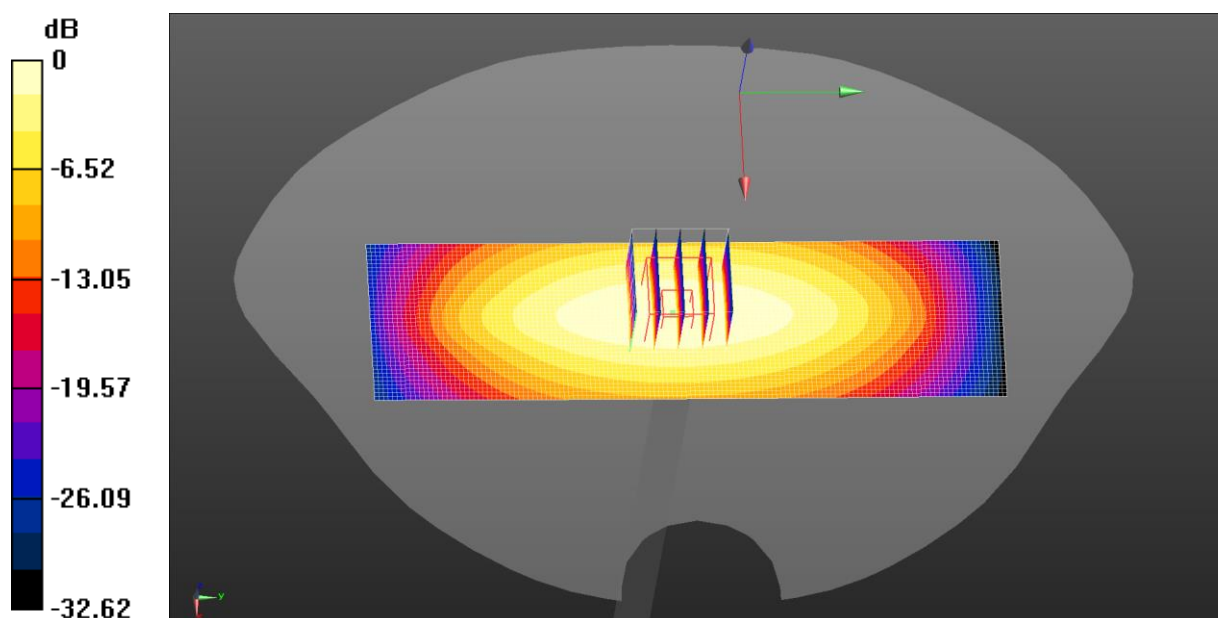
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 40.923$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 835 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.23 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.518 W/kg
Smallest distance from peaks to all points 3 dB below = 17.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.9%
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: JYTSZ

Date: 05.16.2024

DUT: Dipole 835 MHz; Type: D835V2; Serial: SN:4D154

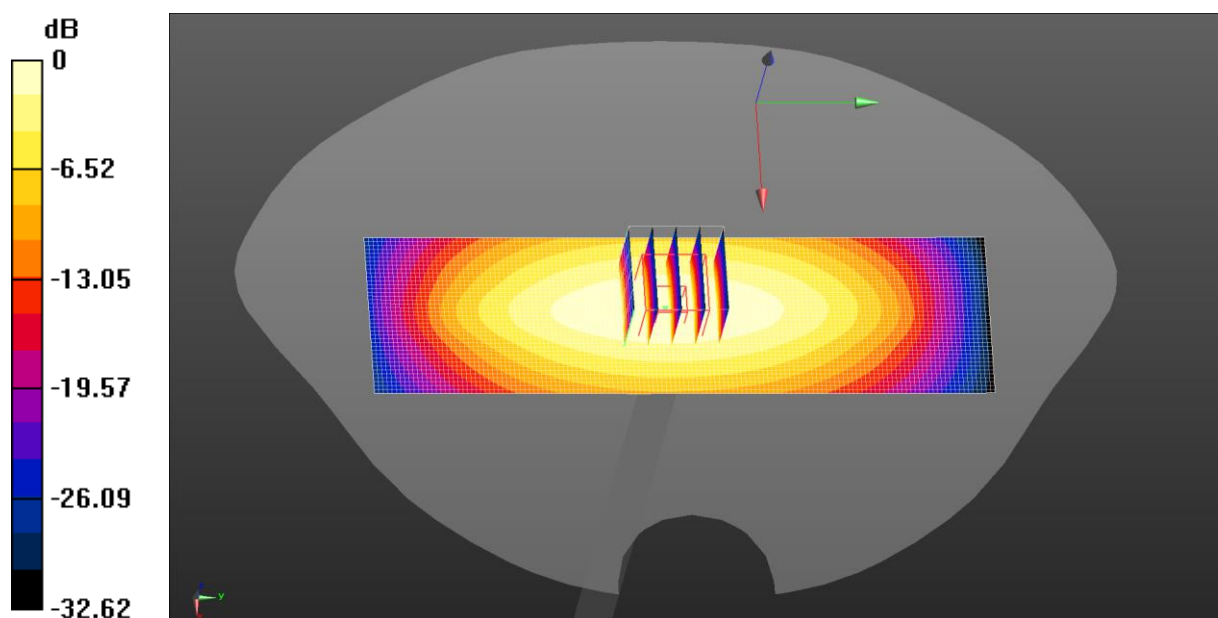
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 40.873$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 835 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.93 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.796 W/kg; SAR(10 g) = 0.511 W/kg
Smallest distance from peaks to all points 3 dB below = 17.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.2%
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.59 dBW/kg

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: SN:1177

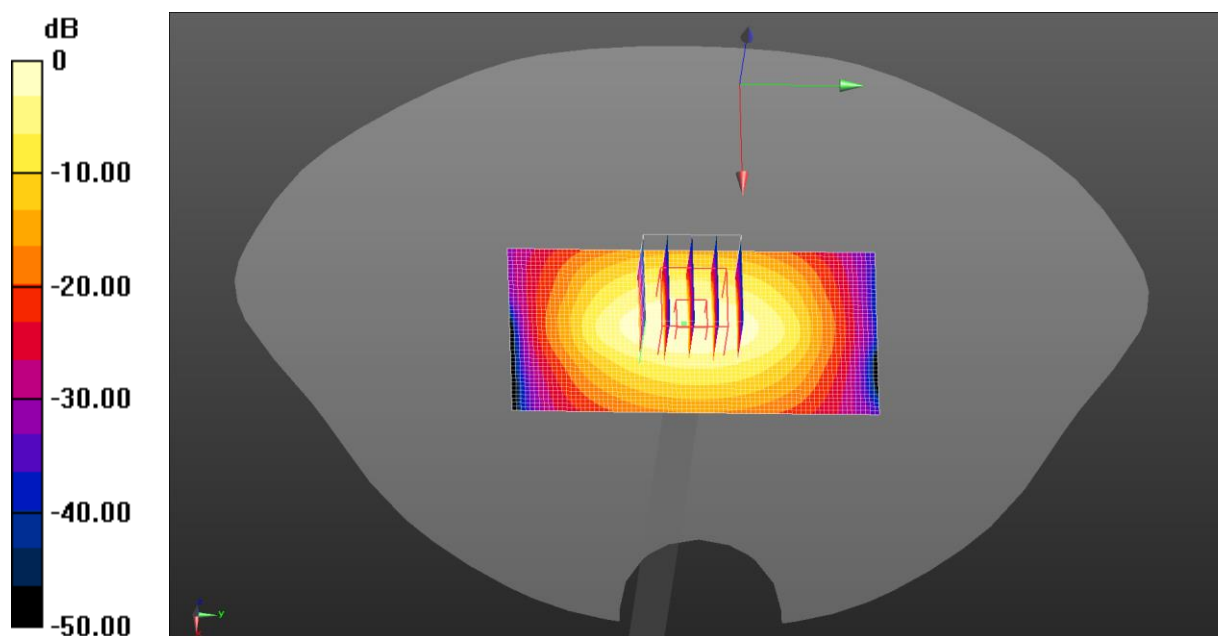
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 39.03$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.38 W/kg

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.21 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 1.45 W/kg; SAR(10 g) = 0.778 W/kg
Smallest distance from peaks to all points 3 dB below = 11.7 mm
Ratio of SAR at M2 to SAR at M1 = 53.1%
Maximum value of SAR (measured) = 2.21 W/kg



$$0 \text{ dB} = 2.38 \text{ W/kg} = 3.77 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN:5d175

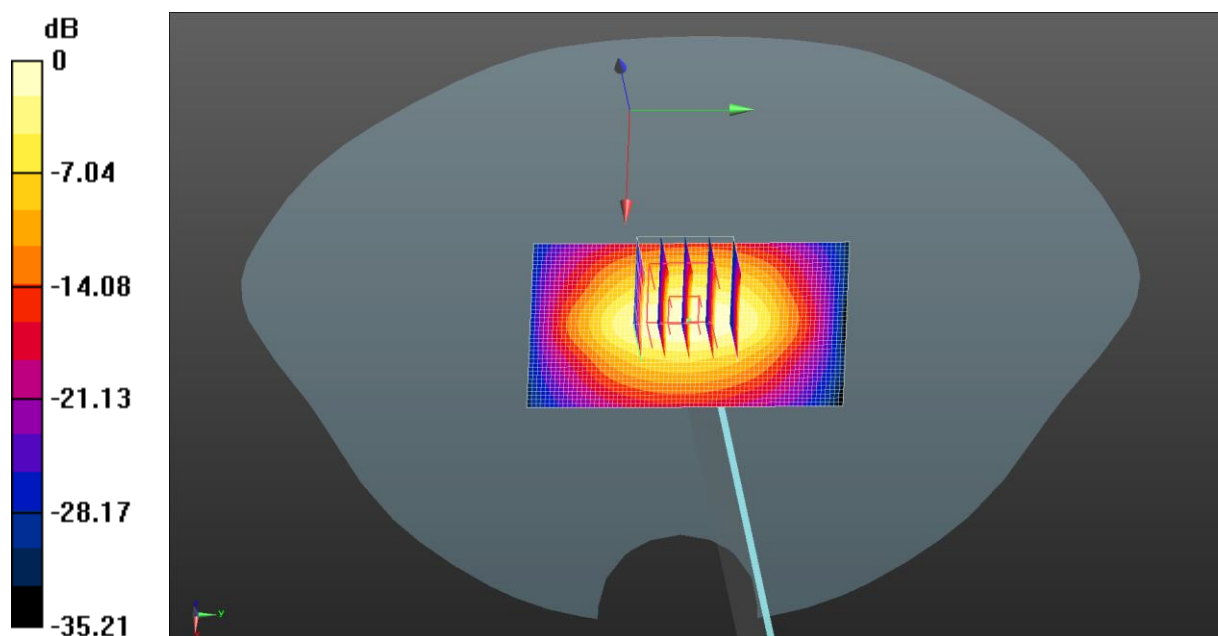
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.862$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1900 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.71 W/kg

System Performance Check at Frequency 1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.22 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.05 W/kg
SAR(1 g) = 1.61 W/kg; SAR(10 g) = 0.831 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 2.61 W/kg



$$0 \text{ dB} = 2.71 \text{ W/kg} = 4.33 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.14.2024

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: SN:910

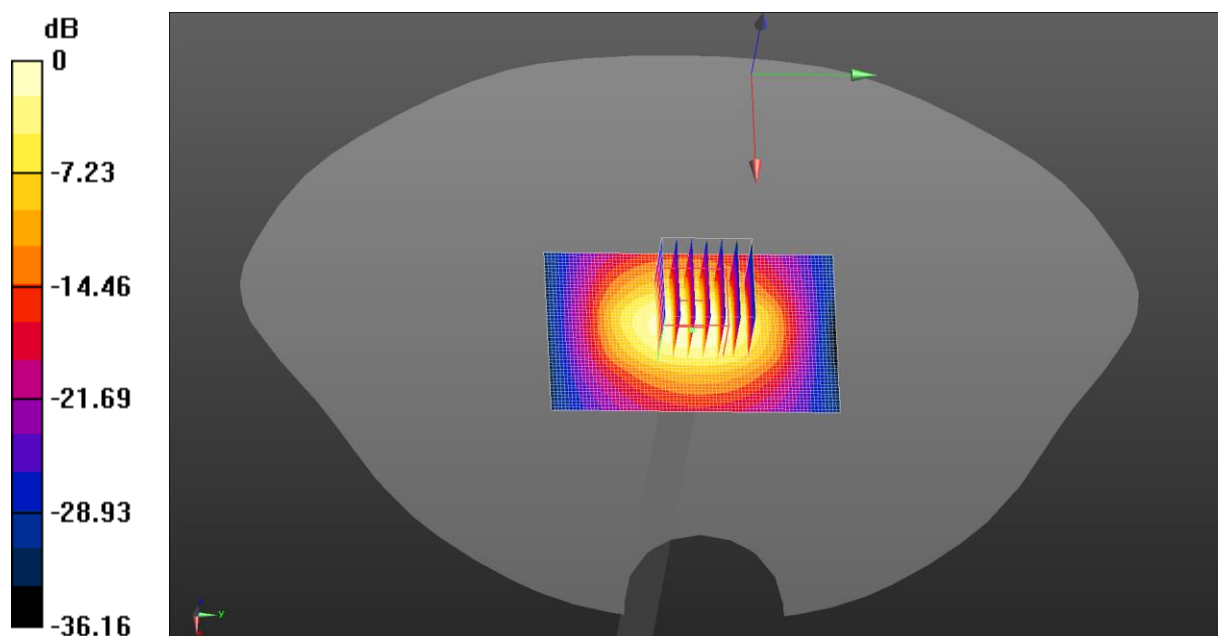
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.819$ S/m; $\epsilon_r = 38.034$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2450 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 3.45 W/kg

System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 43.85 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.12 W/kg
SAR(1 g) = 2.07 W/kg; SAR(10 g) = 0.976 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 48.7%
Maximum value of SAR (measured) = 3.21 W/kg



$$0 \text{ dB} = 3.45 \text{ W/kg} = 4.33 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: SN:1114

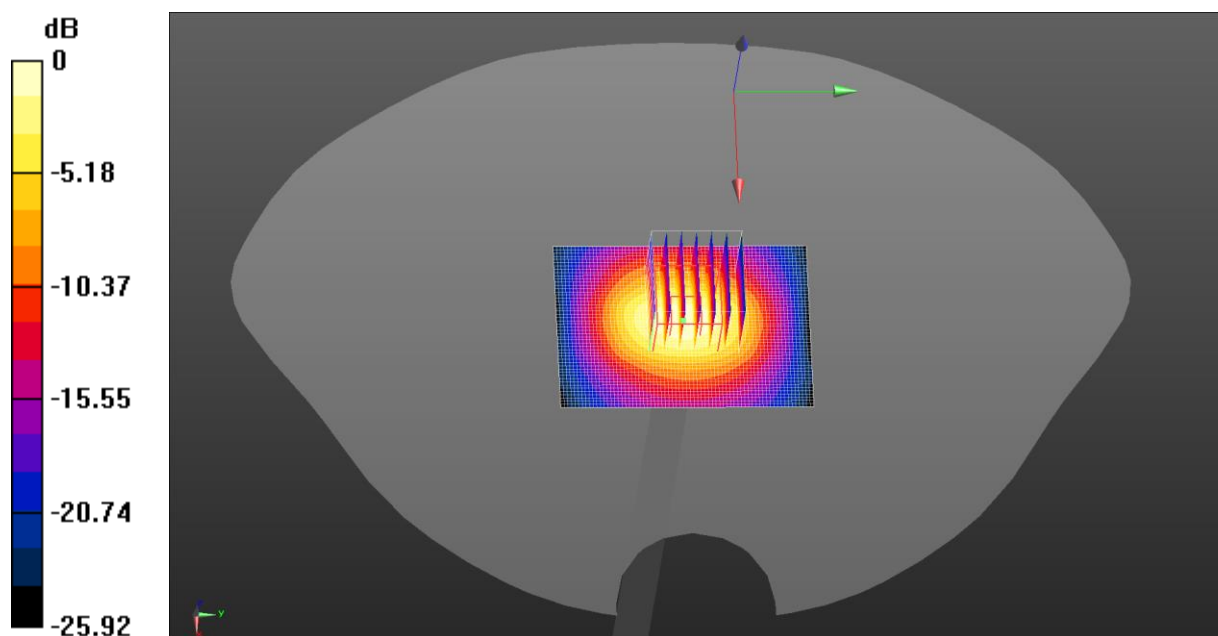
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.941$ S/m; $\epsilon_r = 37.793$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 47.61 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.62 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 0.986 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 57.1%
Maximum value of SAR (measured) = 3.62 W/kg

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 4.12 W/kg



$$0 \text{ dB} = 3.62 \text{ W/kg} = 5.59 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.20.2024

DUT: Dipole 3500 MHz; Type: D3500V2; Serial: SN:1118

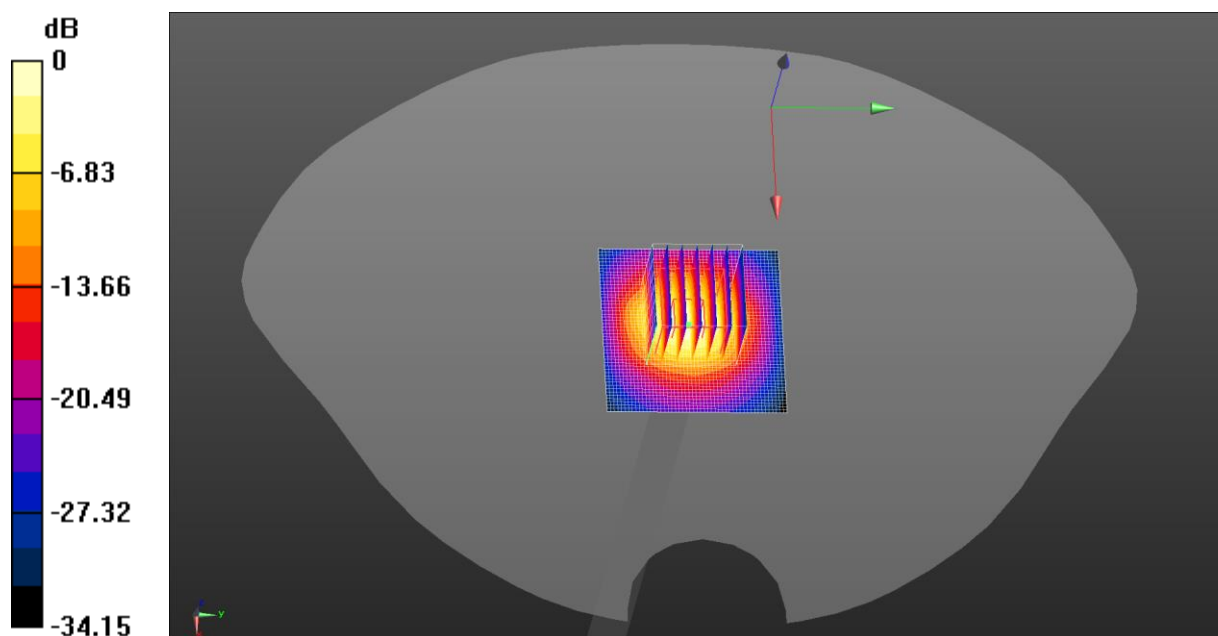
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.889$ S/m; $\epsilon_r = 37.153$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 3500 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 43.22 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 6.21 W/kg
SAR(1 g) = 2.61 W/kg; SAR(10 g) = 0.991 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 48.2%
Maximum value of SAR (measured) = 4.95 W/kg

System Performance Check at Frequency 3500 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.11 W/kg



0 dB = 4.95 W/kg = 5.59 dBW/kg

Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Dipole 3700 MHz; Type: D3700V2; Serial: SN:1089

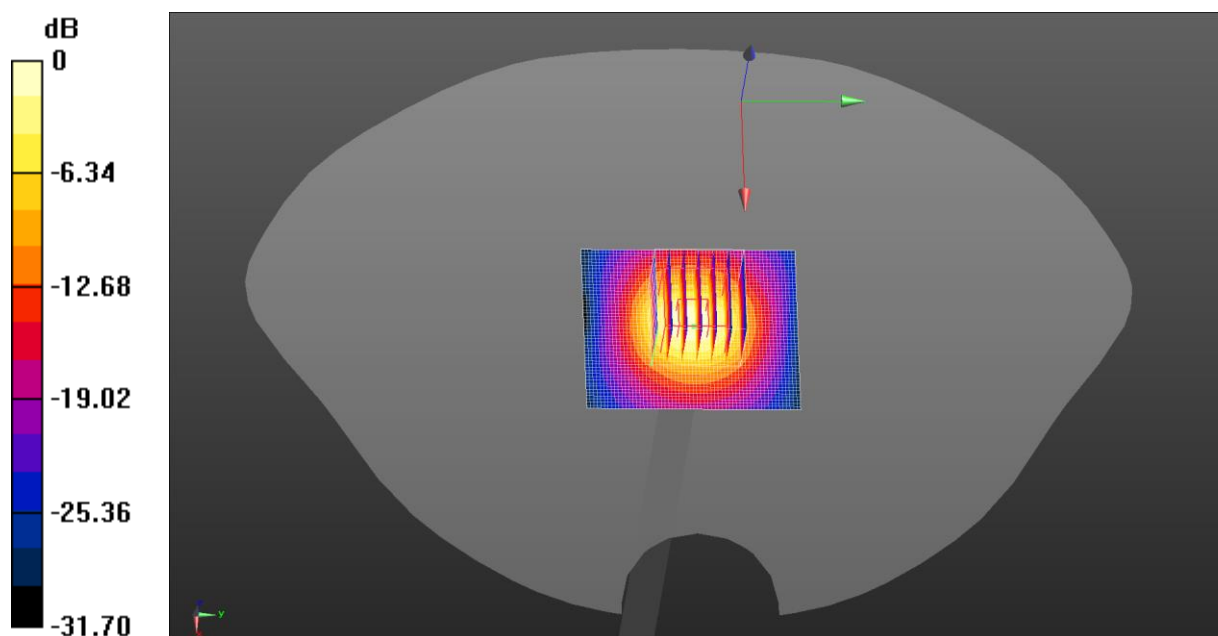
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.093$ S/m; $\epsilon_r = 36.924$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.7, 6.7, 6.7) @ 3700 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 3700 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.32 W/kg

System Performance Check at Frequency 3700 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 44.17 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 6.72 W/kg
SAR(1 g) = 2.71 W/kg; SAR(10 g) = 0.986 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 45.8%
Maximum value of SAR (measured) = 5.12 W/kg



$$0 \text{ dB} = 5.32 \text{ W/kg} = 7.26 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Dipole 3900 MHz; Type: D3900V2; Serial: SN:1064

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3900$ MHz; $\sigma = 3.296$ S/m; $\epsilon_r = 36.969$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.45, 6.45, 6.45) @ 3900 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**System Performance Check at Frequency 3900 MHz Head Tissue/d=10mm,
Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0:** Measurement
grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.78 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 7.91 W/kg

SAR(1 g) = 2.76 W/kg; SAR(10 g) = 0.966 W/kg

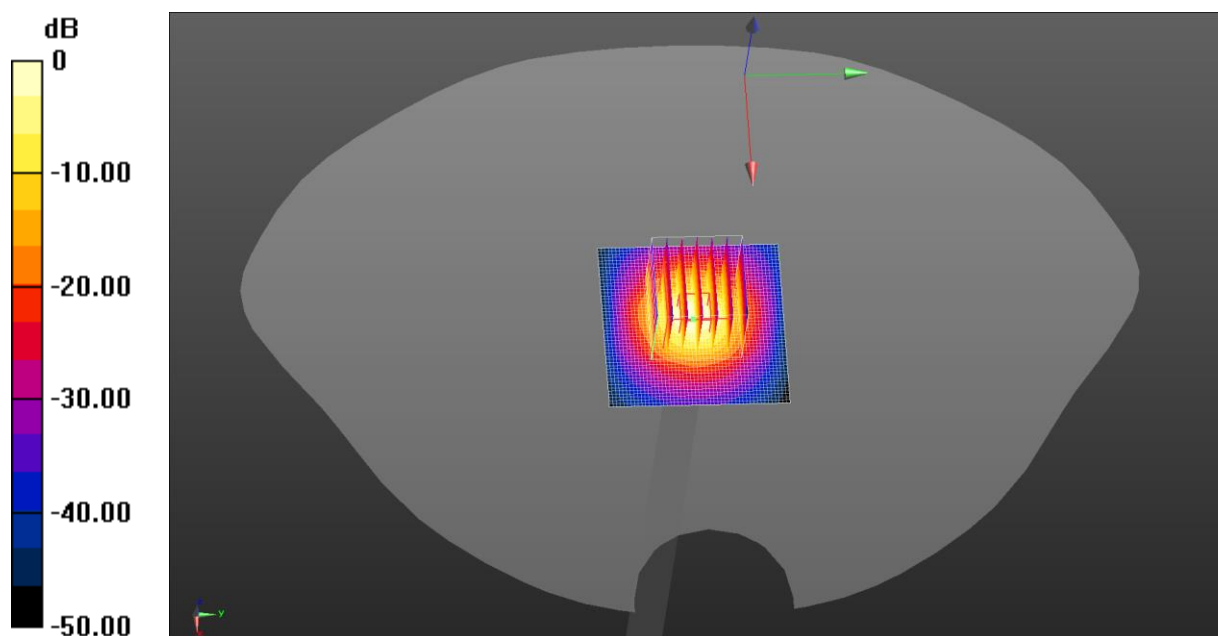
Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 46.3%

Maximum value of SAR (measured) = 5.51 W/kg

**System Performance Check at Frequency 3900 MHz Head Tissue/d=10mm,
Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x51x1):** Interpolated grid:
dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.79 W/kg



0 dB = 5.51 W/kg = 7.41 dBW/kg

Test Laboratory: JYTSZ

Date: 05.18.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 36.76$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.71 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 42.23 V/m; Power Drift = 0.06 dB

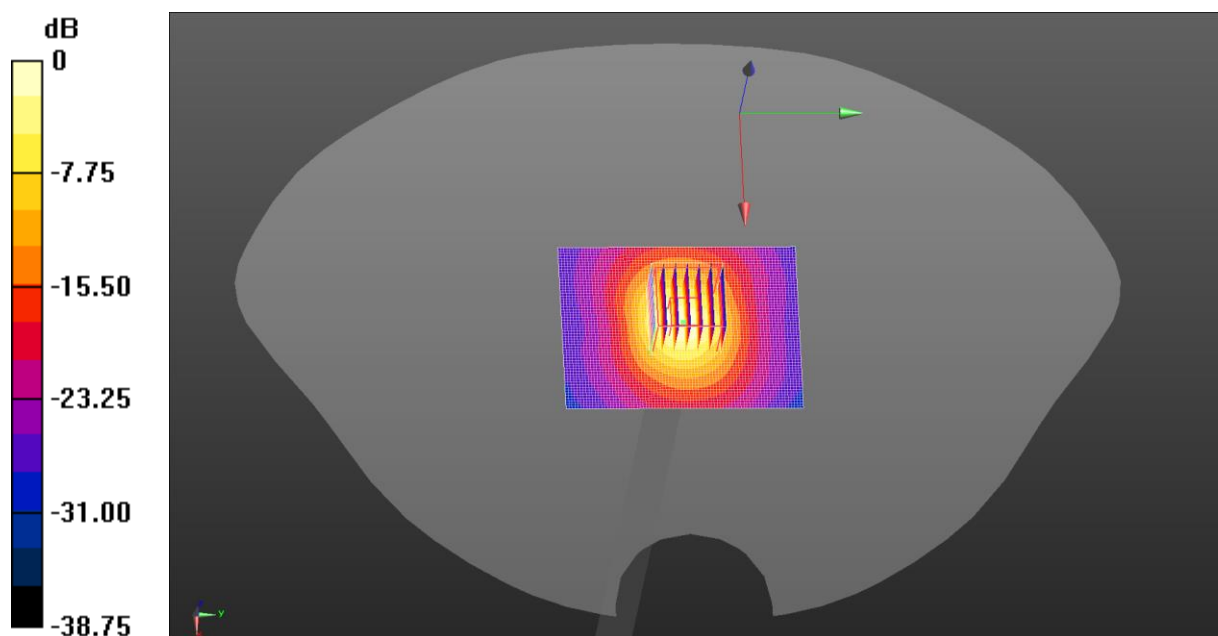
Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 3.02 W/kg; SAR(10 g) = 0.862 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 7.58 W/kg



0 dB = 7.58 W/kg = 8.79 dBW/kg

Test Laboratory: JYTSZ

Date: 05.20.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300$ MHz; $\sigma = 4.722$ S/m; $\epsilon_r = 36.646$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.11 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 44.11 V/m; Power Drift = 0.01 dB

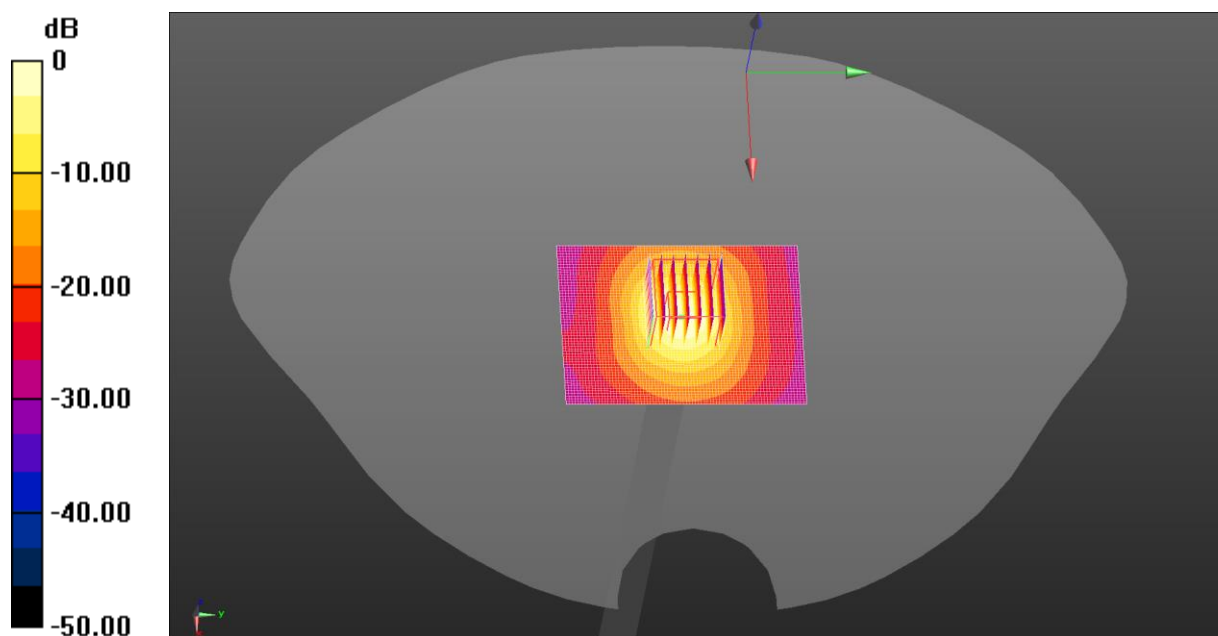
Peak SAR (extrapolated) = 12.18 W/kg

SAR(1 g) = 3.11 W/kg; SAR(10 g) = 0.881 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 8.02 W/kg



0 dB = 8.02 W/kg = 9.04 dBW/kg

Test Laboratory: JYTSZ

Date: 05.22.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.028$ S/m; $\epsilon_r = 36.303$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.51 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 45.02 V/m; Power Drift = 0.03 dB

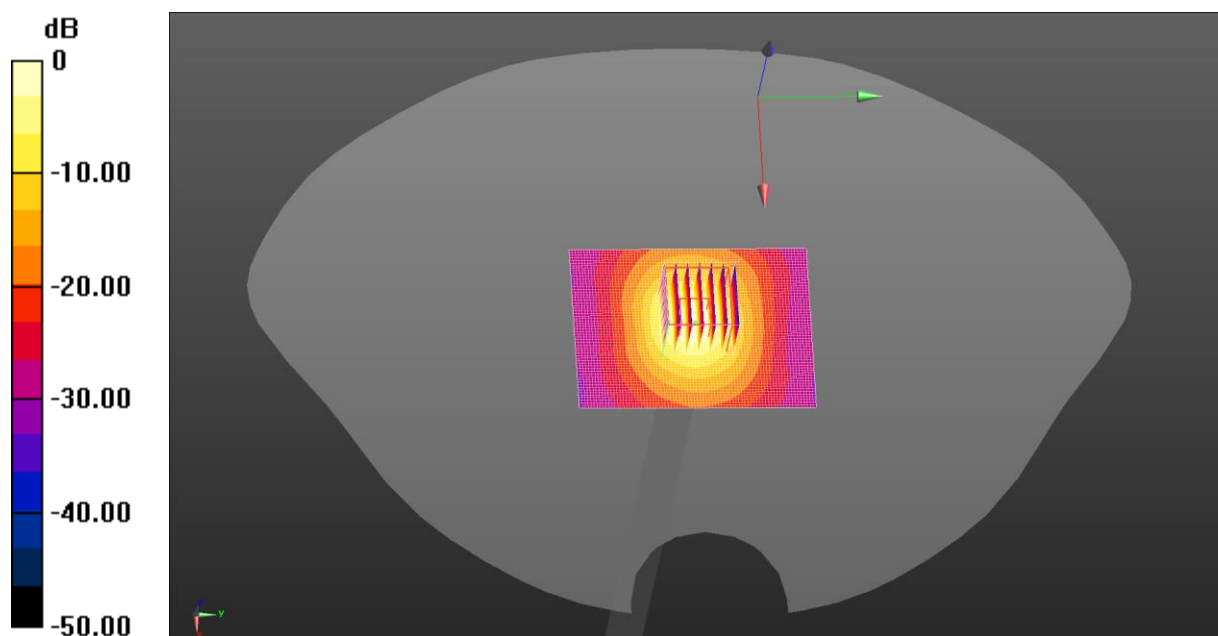
Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 3.31 W/kg; SAR(10 g) = 0.941 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 8.51 W/kg



0 dB = 8.51 W/kg = 9.30 dBW/kg

Test Laboratory: JYTSZ

Date: 05.24.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.231 \text{ S/m}$; $\epsilon_r = 36.075$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5800 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.52 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 46.18 V/m; Power Drift = 0.06 dB

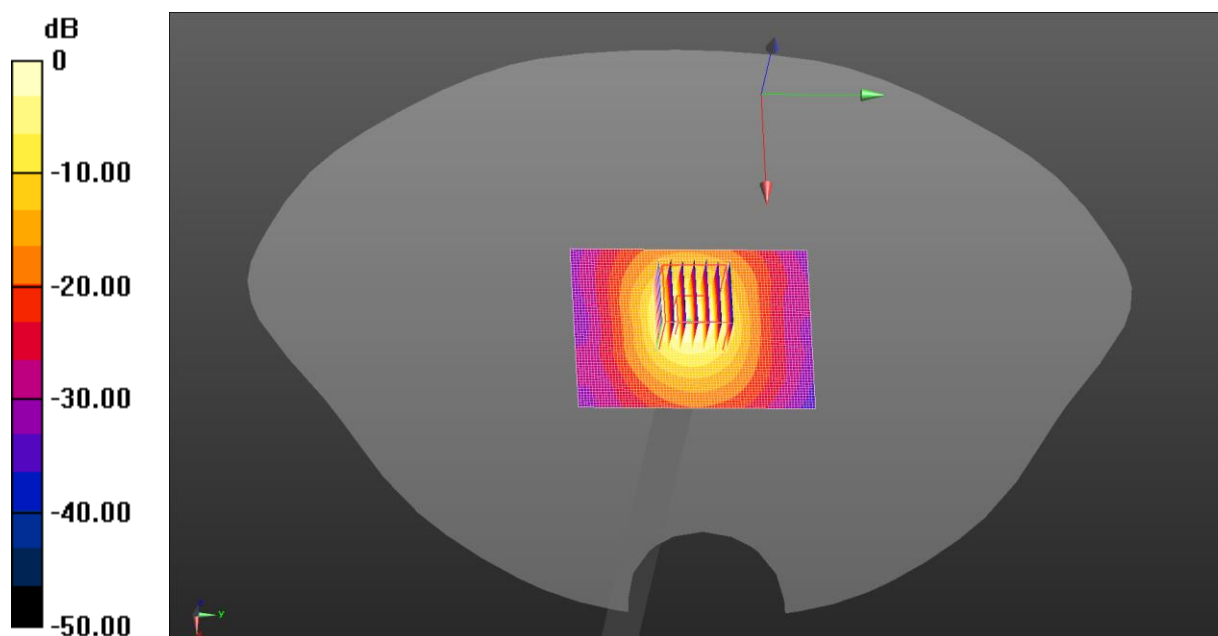
Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 3.27 W/kg; SAR(10 g) = 0.898 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 8.55 W/kg



0 dB = 8.55 W/kg = 9.31 dBW/kg

Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ

Date: 04.03.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

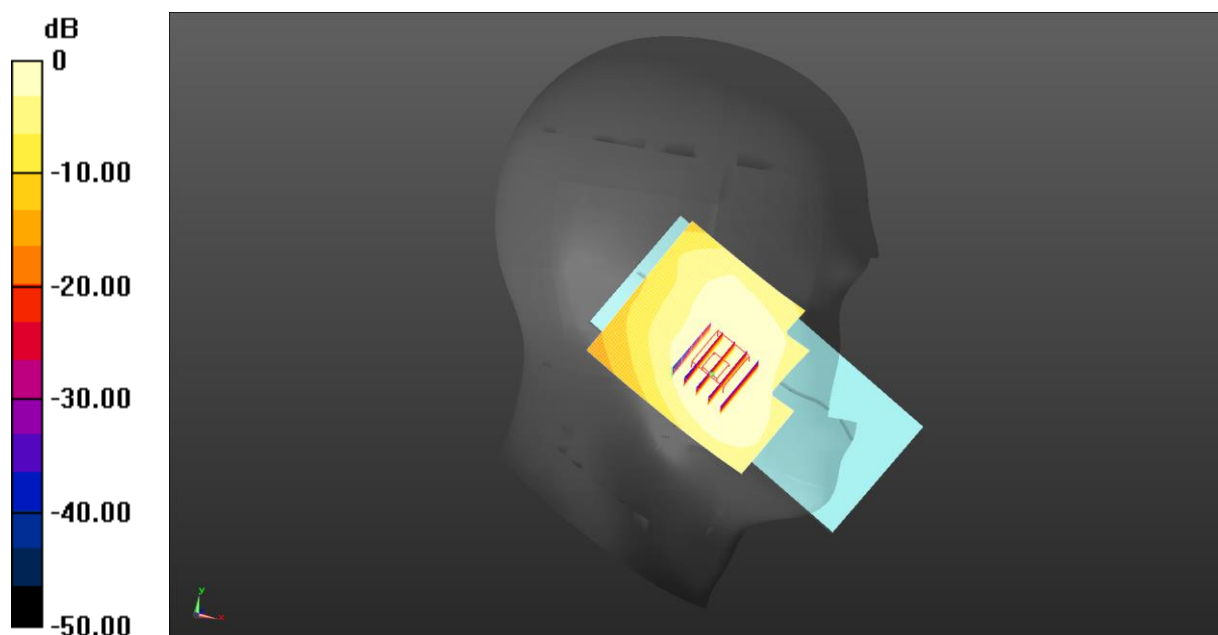
Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042
Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 824.2 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 850 Left Cheek/Low Channel/Area Scan (61x71x1): Interpolated grid:
 $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.203 W/kg

GSM 850 Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 4.418 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.116 W/kg
Smallest distance from peaks to all points 3 dB below = 22.2 mm
Ratio of SAR at M2 to SAR at M1 = 72.8%
Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.203 W/kg = -6.92 dBW/kg

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

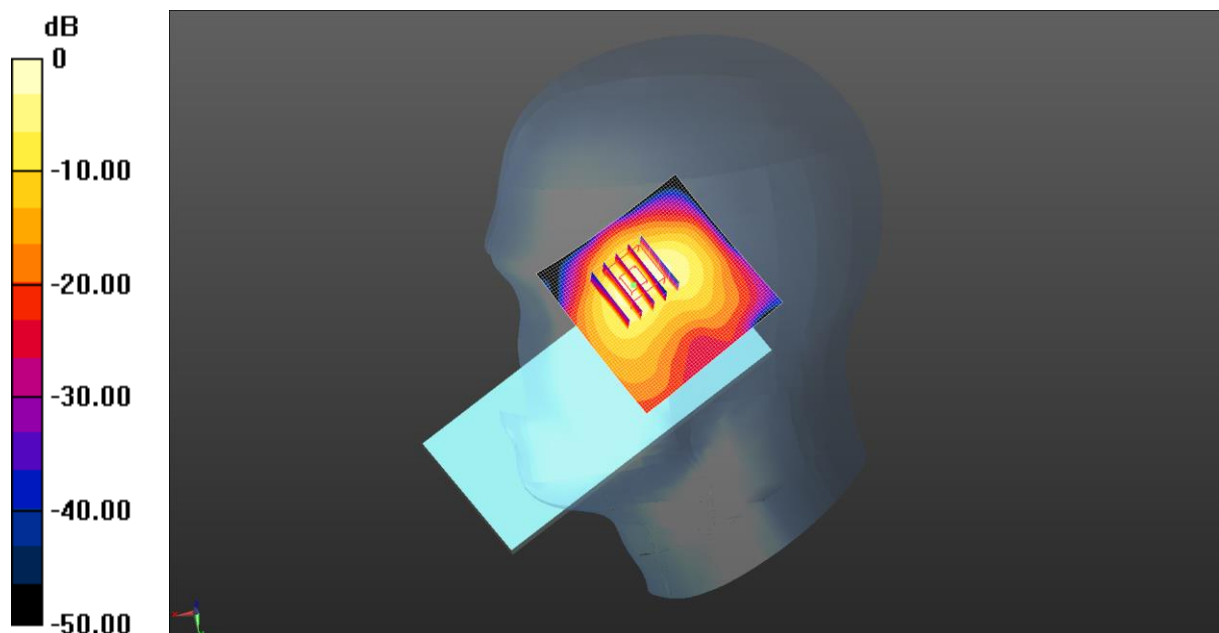
Communication System: UID 0, GSM (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 38.927$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1850.2 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 1900 Right Cheek/Low Channel/Area Scan (61x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.76 W/kg

GSM 1900 Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement
grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.559 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.384 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 44%
Maximum value of SAR (measured) = 1.46 W/kg



$$0 \text{ dB} = 1.76 \text{ W/kg} = 2.46 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Right Cheek/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

WCDMA 1900 Right Cheek/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 5.711 V/m; Power Drift = 0.13 dB

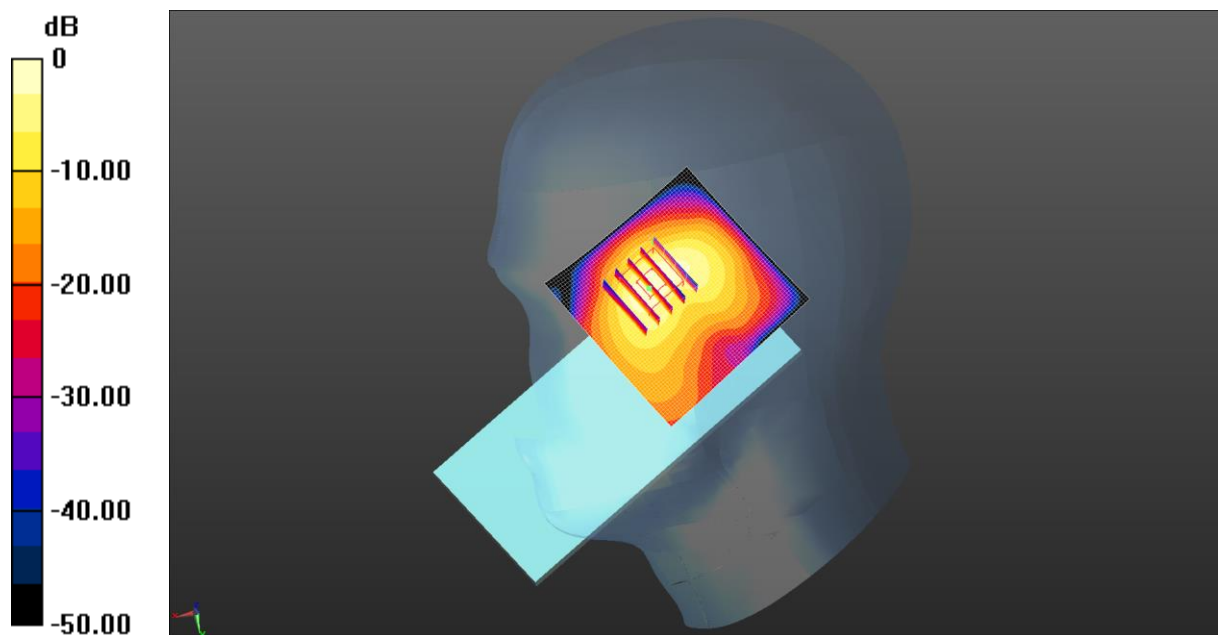
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.683 W/kg; SAR(10 g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 42.7%

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



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

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.183$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1732.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Right Cheek/Low Channel/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

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

WCDMA 1700 Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 6.011 V/m; Power Drift = 0.13 dB

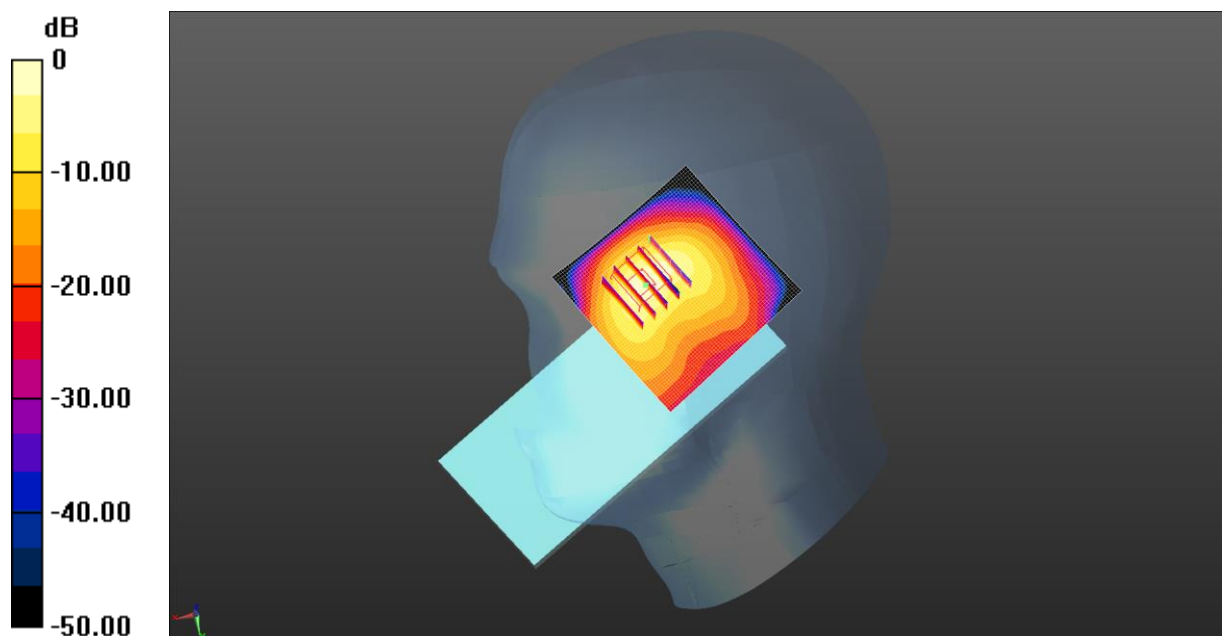
Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.288 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 41.5%

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



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

Test Laboratory: JYTSZ

Date: 05.16.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 40.946$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 826.4 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Left Cheek/Low Channel/Area Scan (61x71x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.138 W/kg

WCDMA 850 Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 3.734 V/m; Power Drift = -0.09 dB

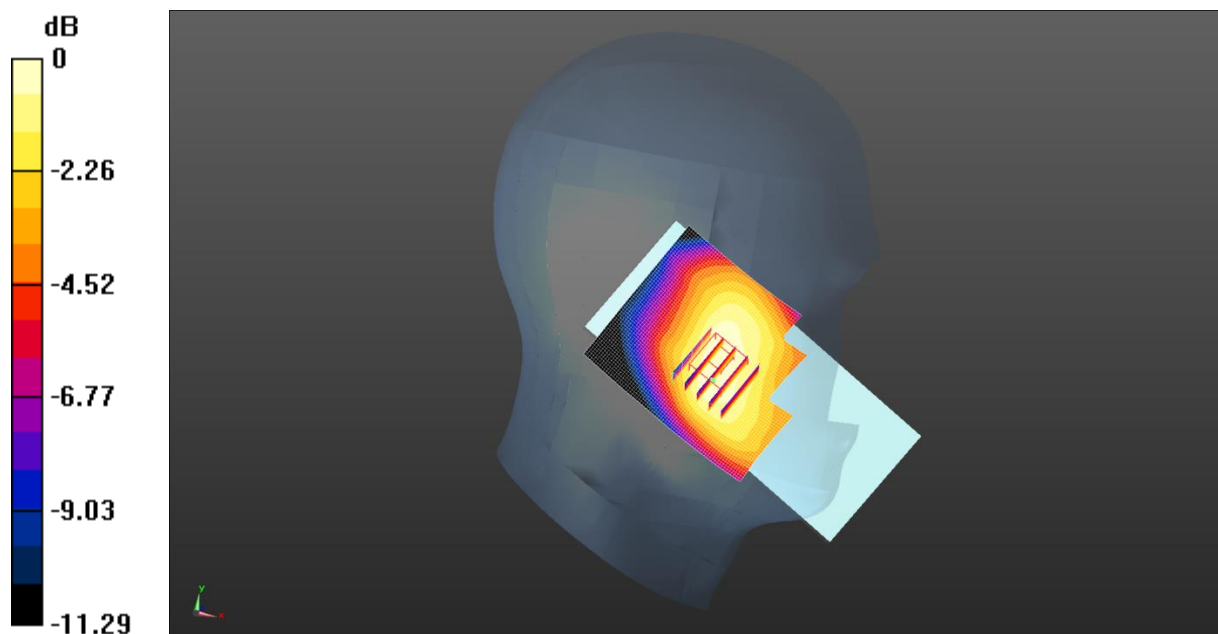
Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.081 W/kg

Smallest distance from peaks to all points 3 dB below = 22.5 mm

Ratio of SAR at M2 to SAR at M1 = 71.9%

Maximum value of SAR (measured) = 0.137 W/kg



0 dB = 0.137 W/kg = -8.63 dBW/kg

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.416 \text{ S/m}$; $\epsilon_r = 38.914$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1860 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Right Cheek/Low Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.745 W/kg

LTE Band 2 1RB(20MHz) Right Cheek/Low Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.895 V/m ; Power Drift = -0.10 dB

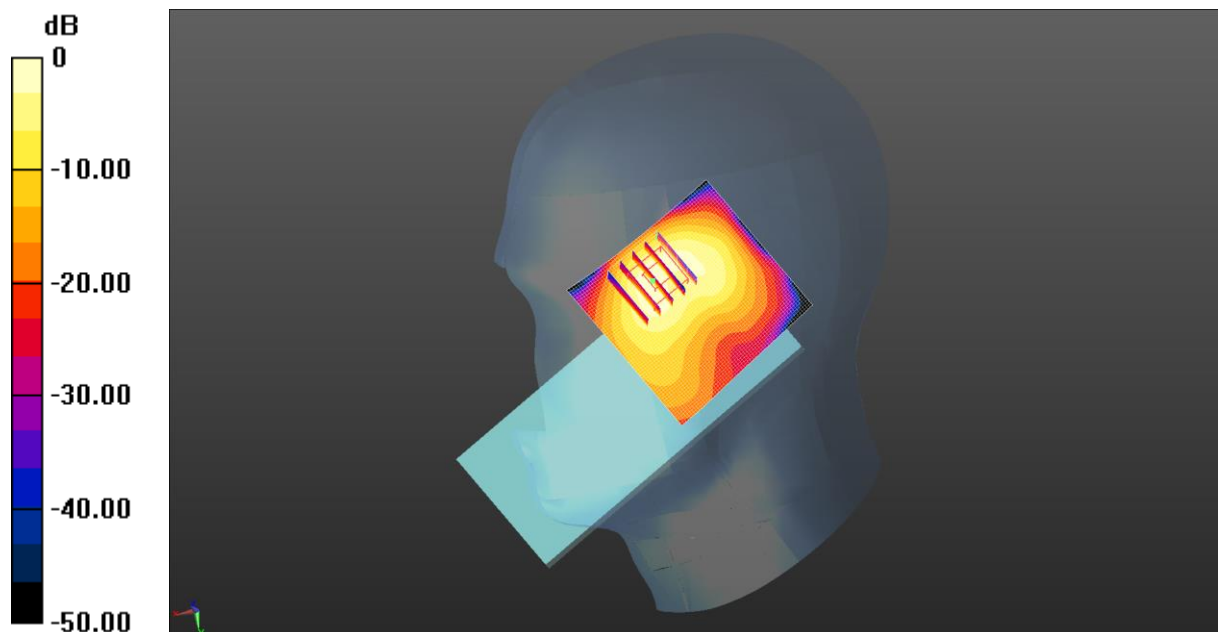
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.586 W/kg ; SAR(10 g) = 0.260 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 42.3%

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



0 dB = 0.745 W/kg = -1.28 dBW/kg

Test Laboratory: JYTSZ

Date: 04.03.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 829 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 40.939$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 829 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Left Cheek/Low Channel/Area Scan (61x71x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.219 W/kg

LTE Band 5 1RB(10MHz) Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.081 V/m ; Power Drift = 0.06 dB

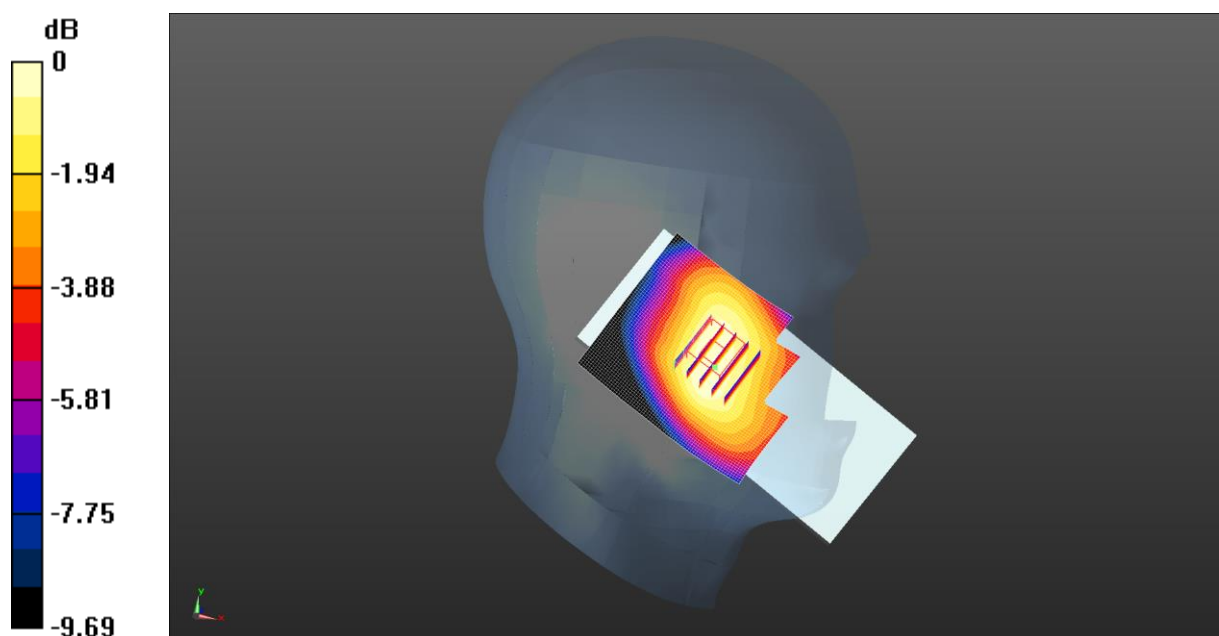
Peak SAR (extrapolated) = 0.250 W/kg

SAR(1 g) = 0.180 W/kg ; SAR(10 g) = 0.134 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 73.8%

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.867 \text{ S/m}$; $\epsilon_r = 37.933$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Right Cheek/Low Channel/Area Scan (71x71x1):

Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.777 W/kg

LTE Band 7 1RB(20MHz) Right Cheek/Low Channel/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.498 V/m ; Power Drift = 0.16 dB

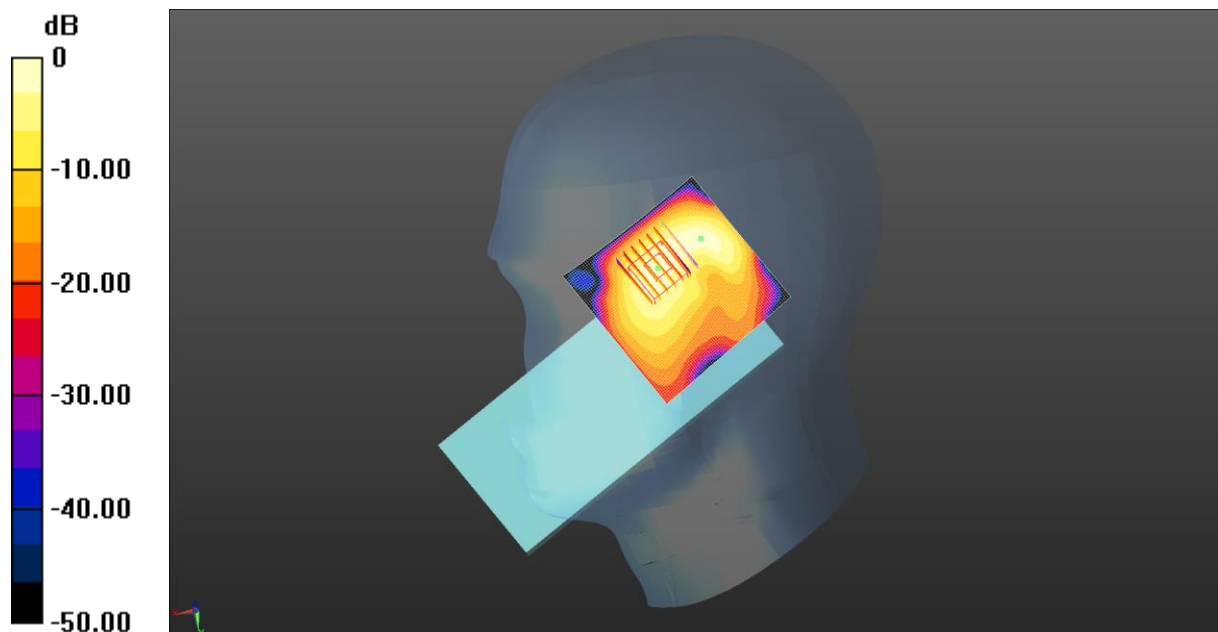
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.427 W/kg ; SAR(10 g) = 0.181 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 42%

Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.777 W/kg = -1.10 dBW/kg

Test Laboratory: JYTSZ

Date: 03.30.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

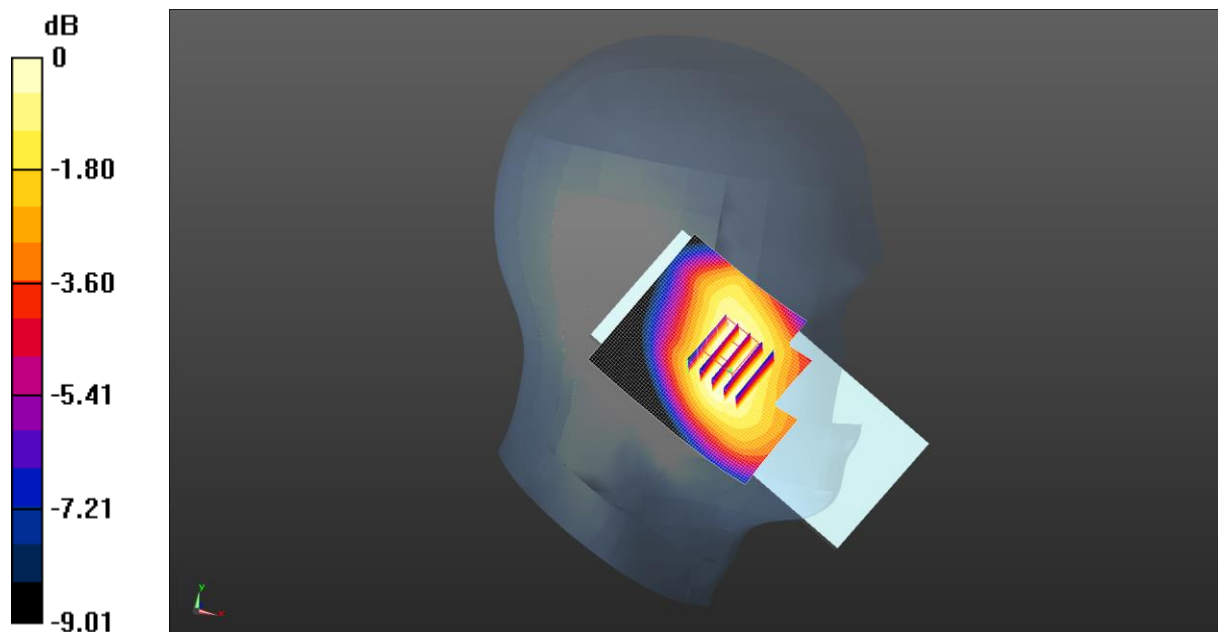
Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704 \text{ MHz}$; $\sigma = 0.874 \text{ S/m}$; $\epsilon_r = 41.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 704 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 12 1RB(10MHz) Left Cheek/Low Channel/Area Scan (61x71x1):Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 0.182 W/kg **LTE Band 12 1RB(10MHz) Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube****0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.947 V/m ; Power Drift = 0.02 dB Peak SAR (extrapolated) = 0.207 W/kg **SAR(1 g) = 0.150 W/kg ; SAR(10 g) = 0.115 W/kg** Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)Ratio of SAR at M2 to SAR at M1 = 74.8% Maximum value of SAR (measured) = 0.184 W/kg  $0 \text{ dB} = 0.184 \text{ W/kg} = -7.35 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 03.30.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 41.069$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 782 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 13 1RB(10MHz) Left Cheek/Middle Channel/Area Scan (61x71x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.209 W/kg

LTE Band 13 1RB(10MHz) Left Cheek/Middle Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.003 V/m ; Power Drift = 0.09 dB

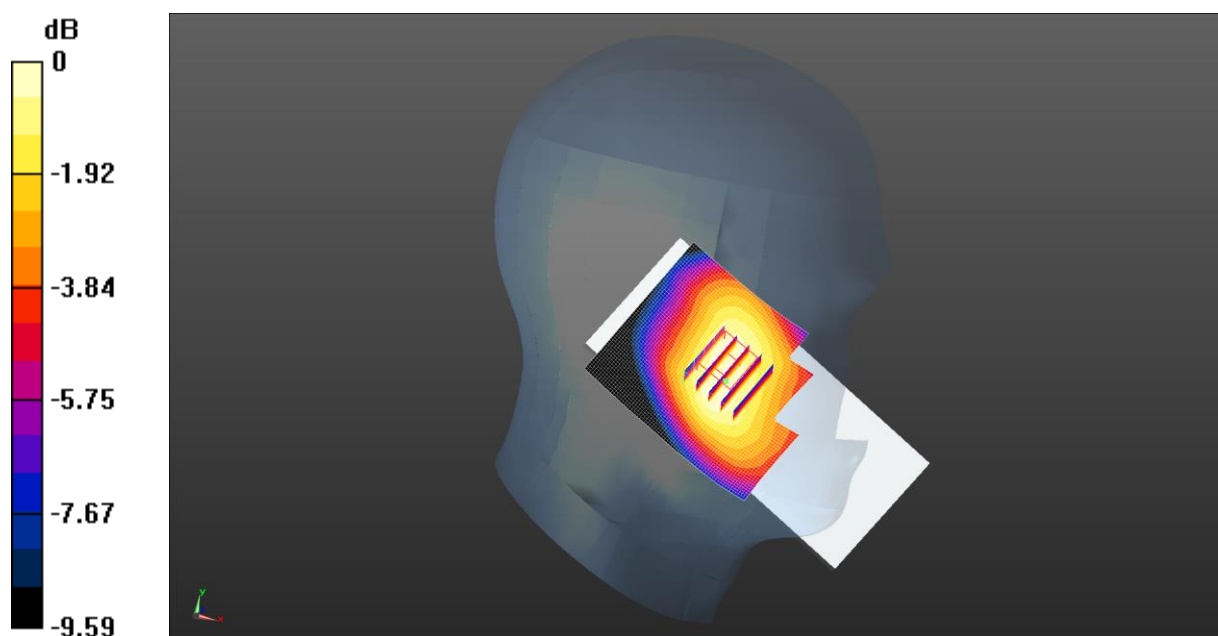
Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.173 W/kg ; SAR(10 g) = 0.129 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 73.8%

Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2680 MHz; Duty Cycle: 1:1.59956

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.003$ S/m; $\epsilon_r = 37.652$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2680 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Right Tilted/High Channel/Area Scan (71x71x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.653 W/kg

LTE Band 41 1RB(20MHz) Right Tilted/High Channel/Zoom Scan

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

Reference Value = 6.546 V/m; Power Drift = 0.15 dB

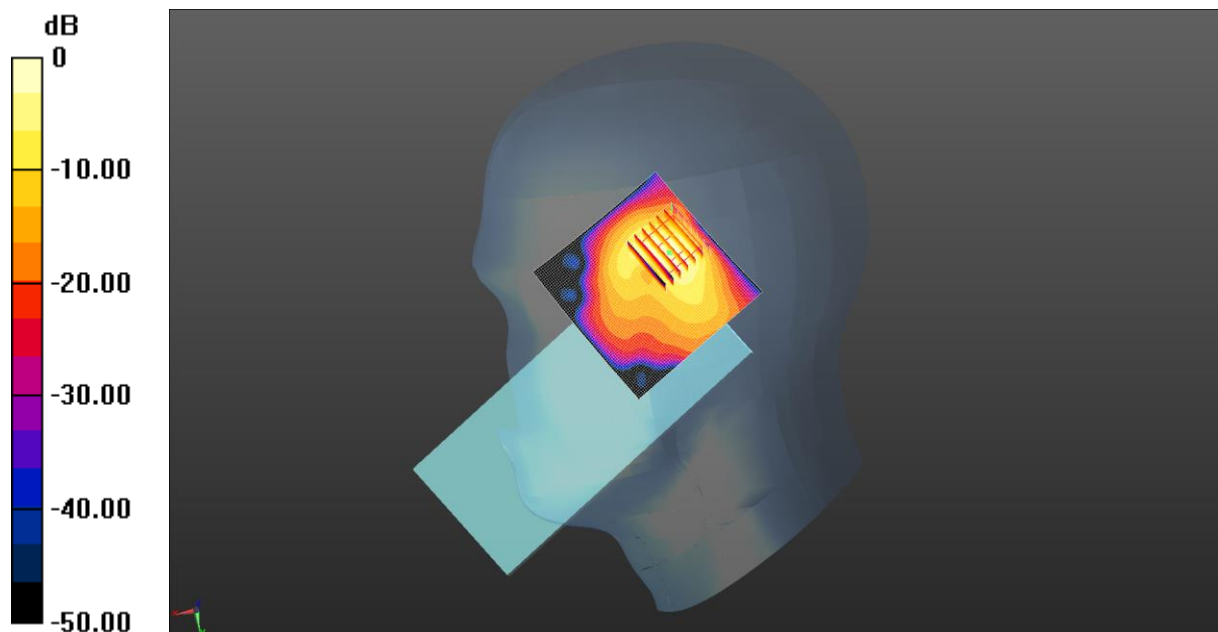
Peak SAR (extrapolated) = 0.949 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.130 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 41.9%

Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.653 W/kg = -1.85 dBW/kg

Test Laboratory: JYTSZ

Date: 04.20.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 3540 MHz; Duty Cycle: 1:1.59956

Medium parameters used: $f = 3540$ MHz; $\sigma = 2.849$ S/m; $\epsilon_r = 37.199$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3540 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 42 1RB(20MHz) Right Cheek/High Channel/Area Scan (71x71x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.80 W/kg

LTE Band 42 1RB(20MHz) Right Cheek/High Channel/Zoom Scan

(7x7x8)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 4.003 V/m; Power Drift = 0.06 dB

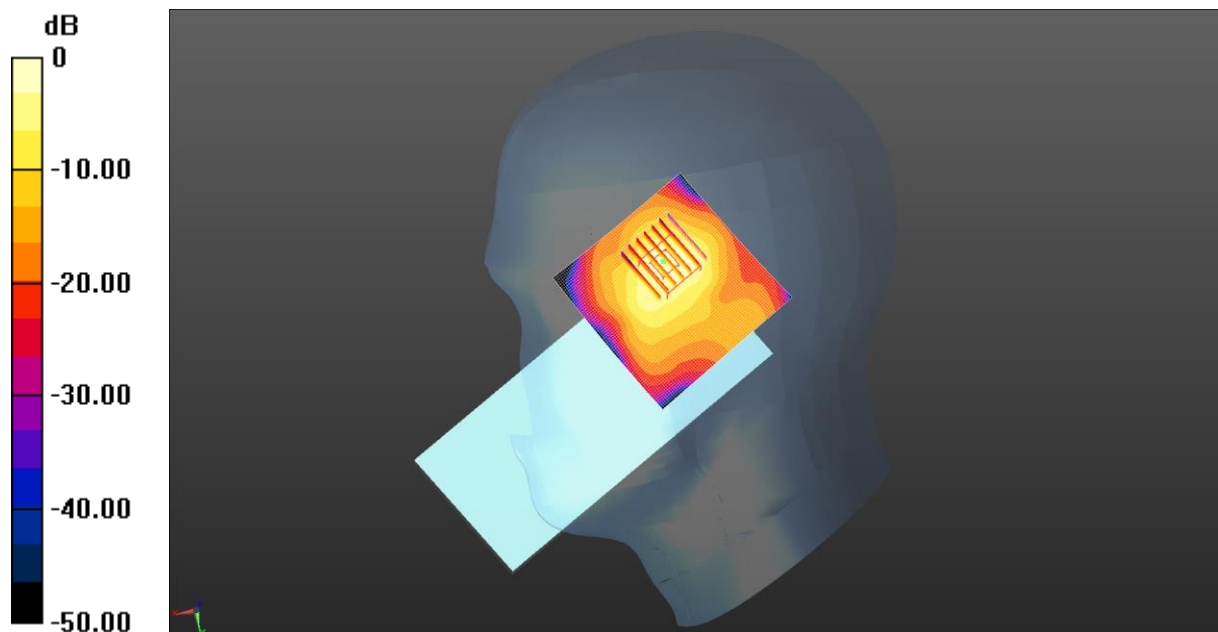
Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.339 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 46.6%

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.80 W/kg = 2.54 dBW/kg

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 39.166$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1720 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 1RB(20MHz) Right Cheek/Low Channel/Area Scan (61x61x1):

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

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

LTE Band 66 1RB(20MHz) Right Cheek/Low Channel/Zoom Scan**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.767 V/m; Power Drift = 0.10 dB

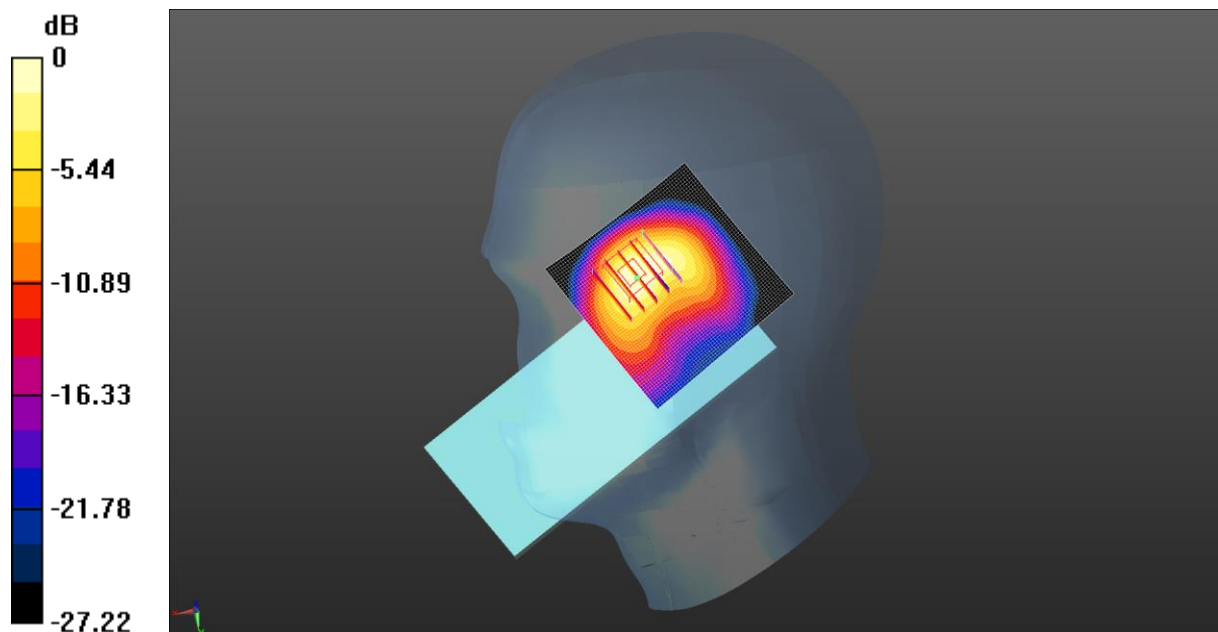
Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.358 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

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



0 dB = 1.18 W/kg = 0.72 dBW/kg

Test Laboratory: JYTSZ

Date: 04.03.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 839 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 839$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 40.926$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 839 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n5 50%RB(20MHz) Left Cheek/High Channel/Area Scan (61x71x1):

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

Maximum value of SAR (interpolated) = 0.192 W/kg

NR n5 50%RB(20MHz) Left Cheek/High Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 4.219 V/m; Power Drift = 0.08 dB

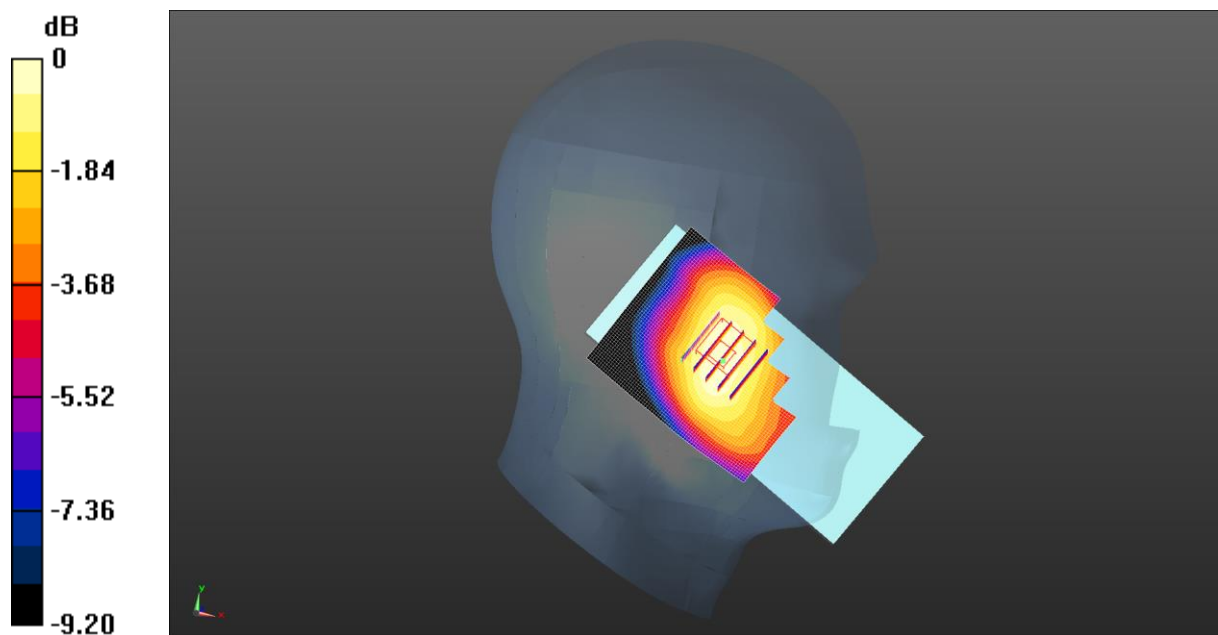
Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.119 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 73.8%

Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 37.852$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2560 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n7 50%RB(20MHz) Right Cheek/High Channel/Area Scan (71x71x1):Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.93 W/kg

NR n7 50%RB(20MHz) Right Cheek/High Channel/Zoom Scan (7x7x7)/Cube 0:Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.551 V/m; Power Drift = 0.16 dB

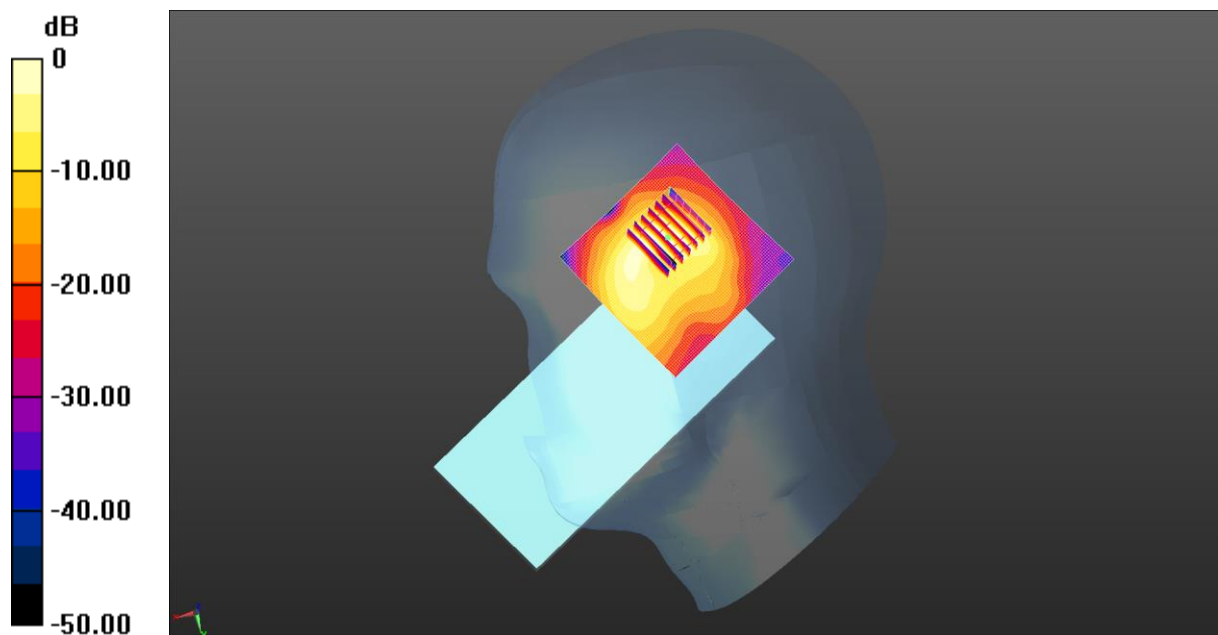
Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.435 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 43.1%

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



0 dB = 1.93 W/kg = 2.86 dBW/kg

Test Laboratory: JYTSZ

Date: 03.30.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 706.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 706.5$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 41.293$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 706.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n12 50%RB(15MHz) Left Cheek/Low Channel/Area Scan (61x61x1):

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

Maximum value of SAR (interpolated) = 0.125 W/kg

NR n12 50%RB(15MHz) Left Cheek/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 3.571 V/m; Power Drift = -0.05 dB

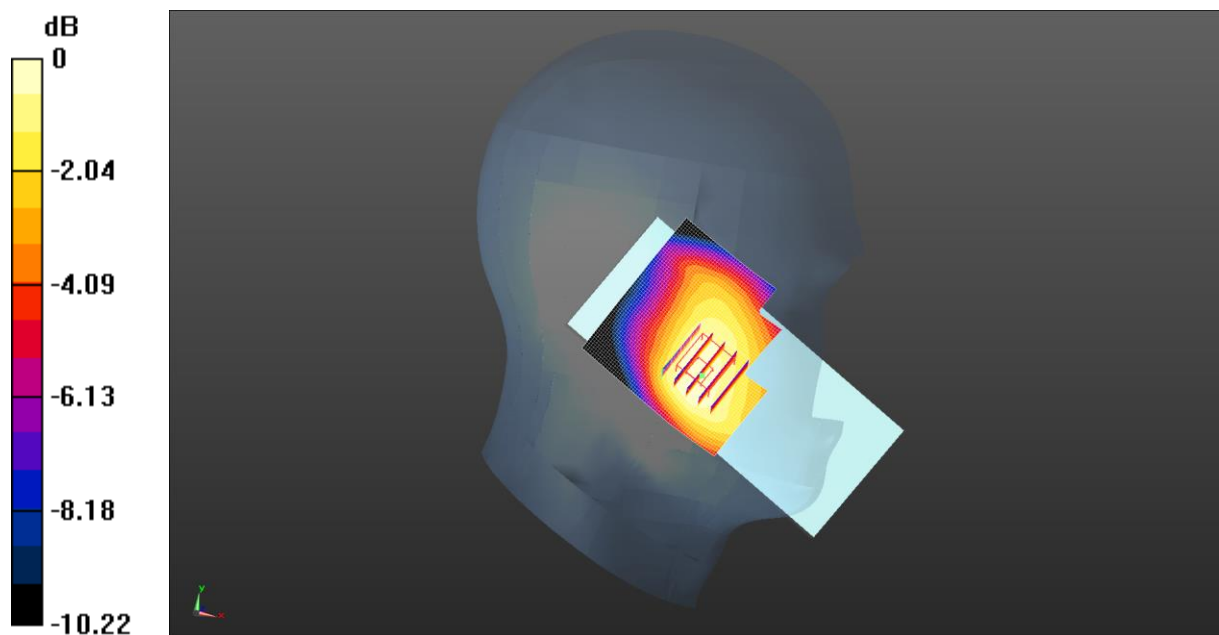
Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 72%

Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127 W/kg = -8.96 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.936$ S/m; $\epsilon_r = 37.804$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2592.99 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n41 50%RB(100MHz) Right Cheek/Middle Channel/Area Scan (71x71x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 1.61 W/kg

NR n41 50%RB(100MHz) Right Cheek/Middle Channel/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.113 V/m; Power Drift = -0.05 dB

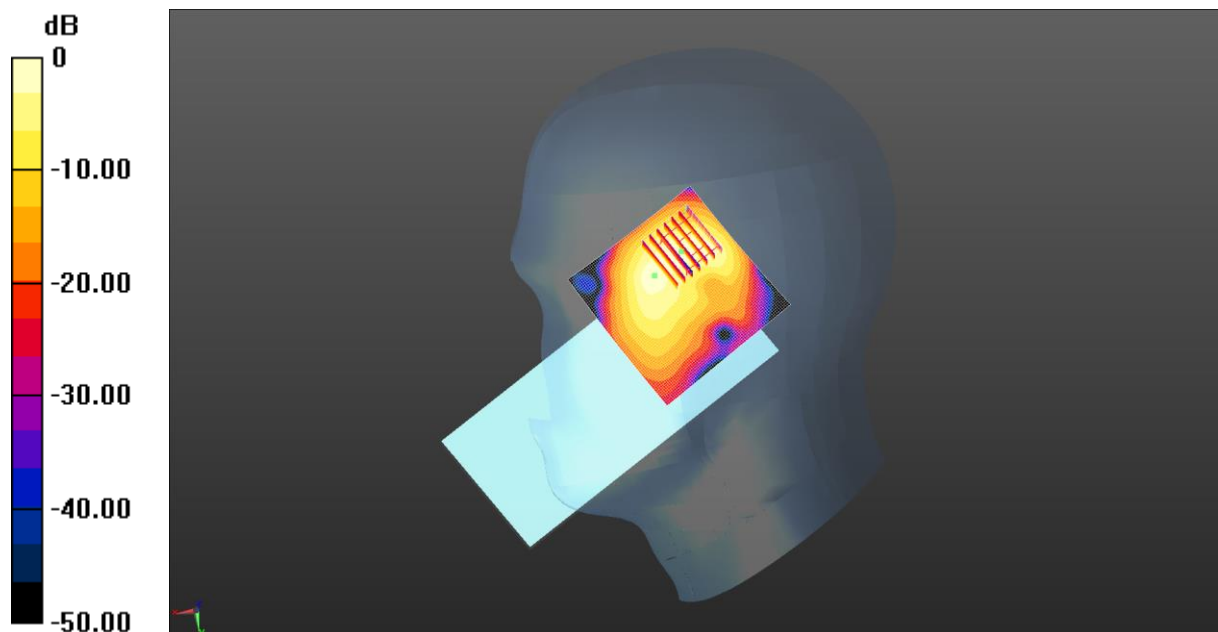
Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.349 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 42.1%

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.61 W/kg = 2.08 dBW/kg

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 1730 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1730$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 39.142$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1730 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n66 50%RB(40MHz) Right Cheek/Low Channel/Area Scan (61x61x1):Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.704 W/kg

NR n66 50%RB(40MHz) Right Cheek/Low Channel/Zoom Scan (5x5x7)/Cube**0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.451 V/m; Power Drift = -0.13 dB

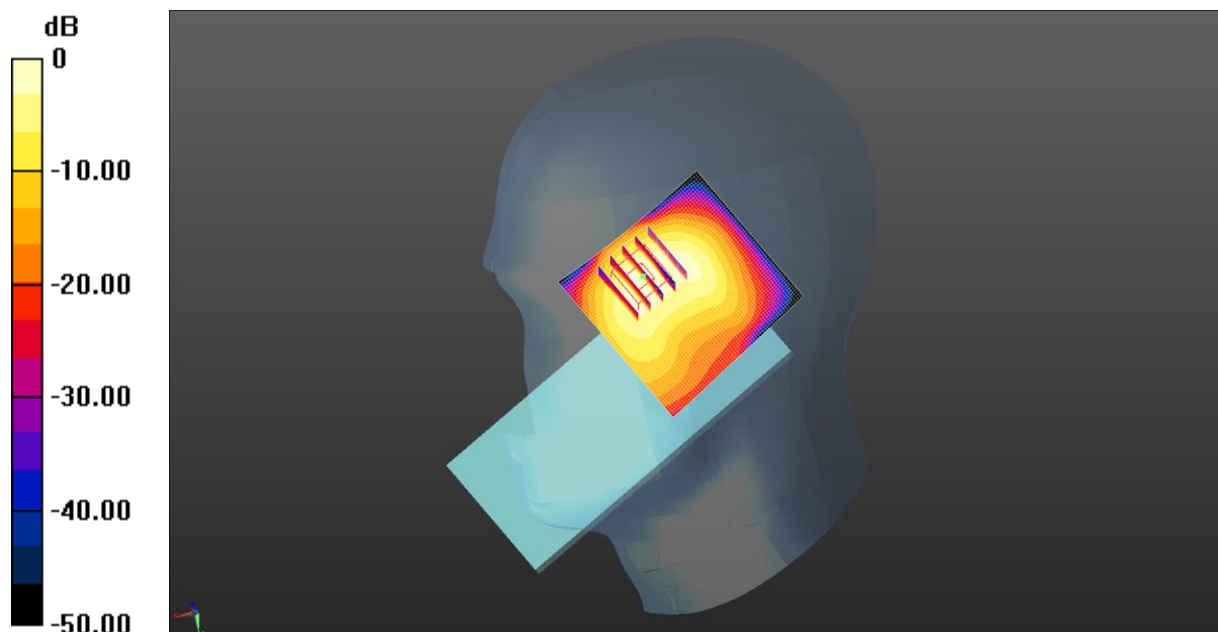
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.245 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.4%

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

 $0 \text{ dB} = 0.704 \text{ W/kg} = -1.53 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 04.20.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.889$ S/m; $\epsilon_r = 37.153$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3500.01 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 50%RB(100MHz) Right Cheek/Middle Channel/Area Scan (71x71x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.643 W/kg

NR n77 50%RB(100MHz) Right Cheek/Middle Channel/Zoom Scan**(7x7x8)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 2.626 V/m; Power Drift = 0.08 dB

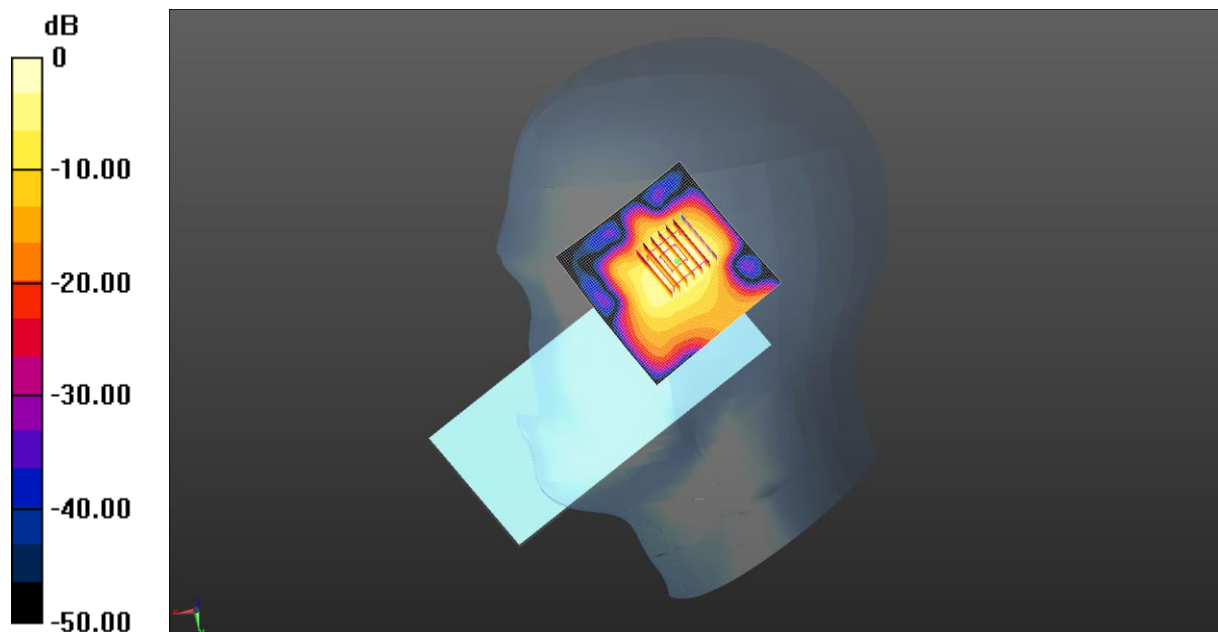
Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.128 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.9%

Maximum value of SAR (measured) = 0.570 W/kg



$$0 \text{ dB} = 0.643 \text{ W/kg} = -1.92 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 3600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3600 \text{ MHz}$; $\sigma = 2.991 \text{ S/m}$; $\epsilon_r = 37.039$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 50%RB(100MHz) Right Cheek/Low Channel/Area Scan (71x71x1):

Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 0.588 W/kg

NR n77 50%RB(100MHz) Right Cheek/Low Channel/Zoom Scan

(7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$

Reference Value = 3.079 V/m ; Power Drift = -0.06 dB

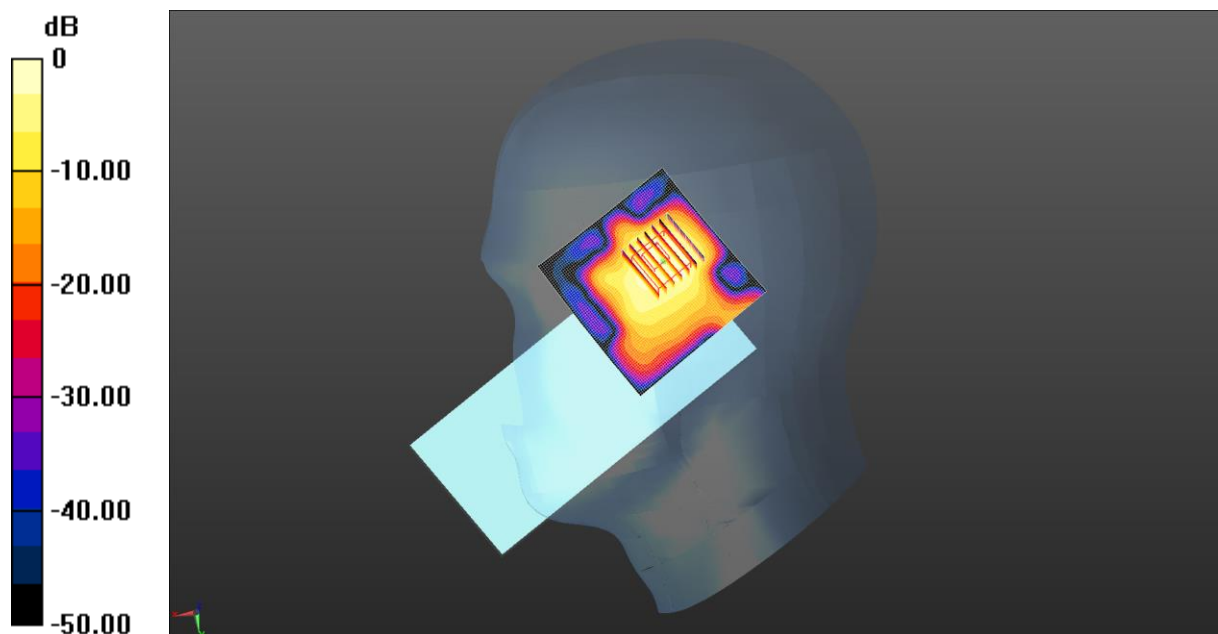
Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.299 W/kg ; SAR(10 g) = 0.123 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.4%

Maximum value of SAR (measured) = 0.593 W/kg



0 dB = 0.588 W/kg = -2.30 dBW/kg

Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.144$ S/m; $\epsilon_r = 36.868$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.7, 6.7, 6.7) @ 3750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 50%RB(100MHz) Right Cheek/Low Channel/Area Scan (71x71x1):Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.850 W/kg

NR n77 50%RB(100MHz) Right Cheek/Low Channel/Zoom Scan**(7x7x8)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 3.276 V/m; Power Drift = -0.08 dB

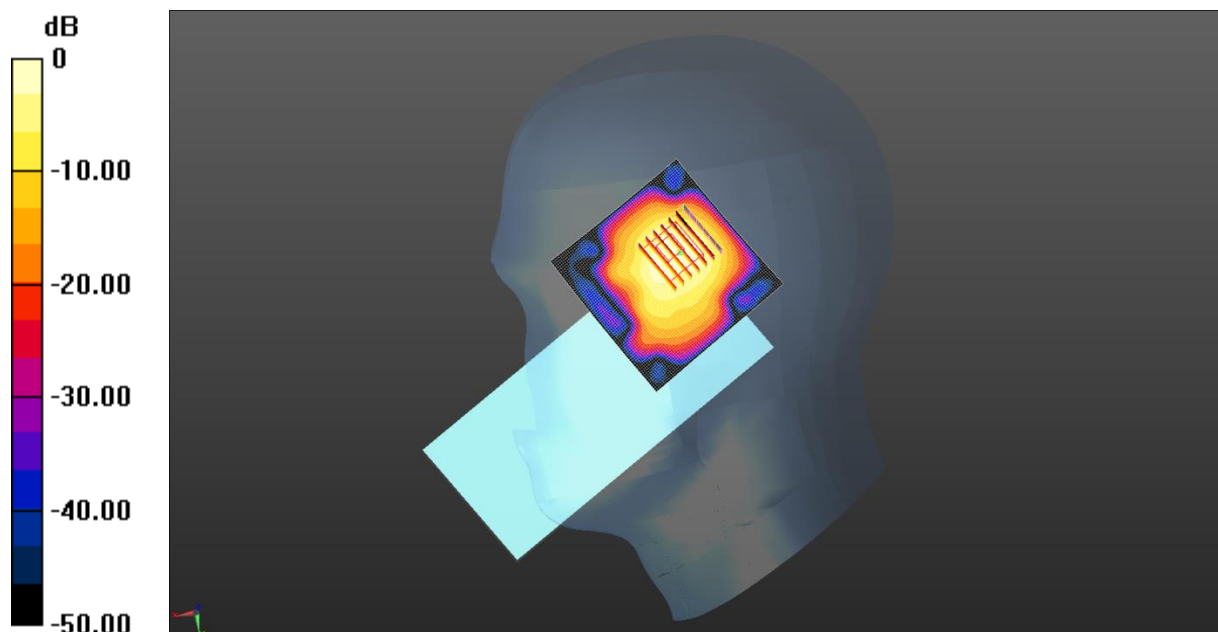
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.167 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 39.1%

Maximum value of SAR (measured) = 0.920 W/kg

 $0 \text{ dB} = 0.850 \text{ W/kg} = -0.71 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 04.14.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.829$ S/m; $\epsilon_r = 38.013$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2462 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Left Tilted/High Channel/Area Scan (71x71x1): Interpolated grid:

dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.510 W/kg

2.4G WiFi Left Tilted/High Channel/Zoom Scan (7x7x7)/Cube 0: Measurement

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

Reference Value = 9.746 V/m; Power Drift = 0.04 dB

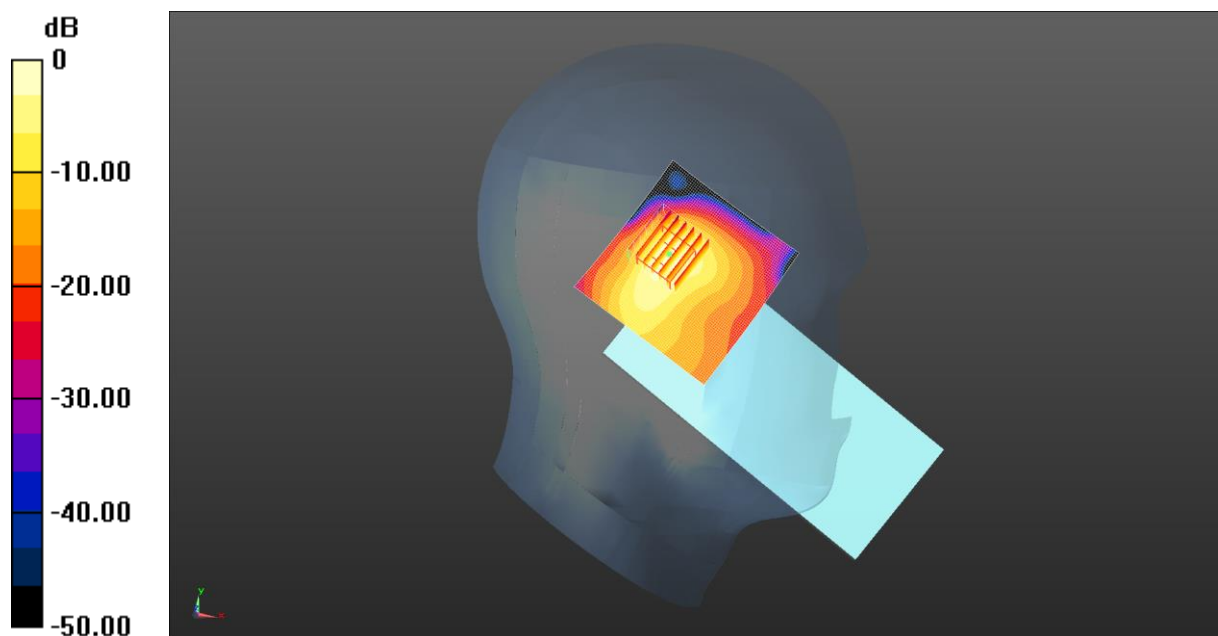
Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.097 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 39.1%

Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.510 W/kg = -2.93 dBW/kg

Test Laboratory: JYTSZ

Date: 05.20.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11 n20 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.682 \text{ S/m}$; $\epsilon_r = 36.692$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5260 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Left Cheek/Low Channel/Area Scan (71x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.427 W/kg

5.3G WiFi Left Cheek/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m ; Power Drift = 0.00 dB

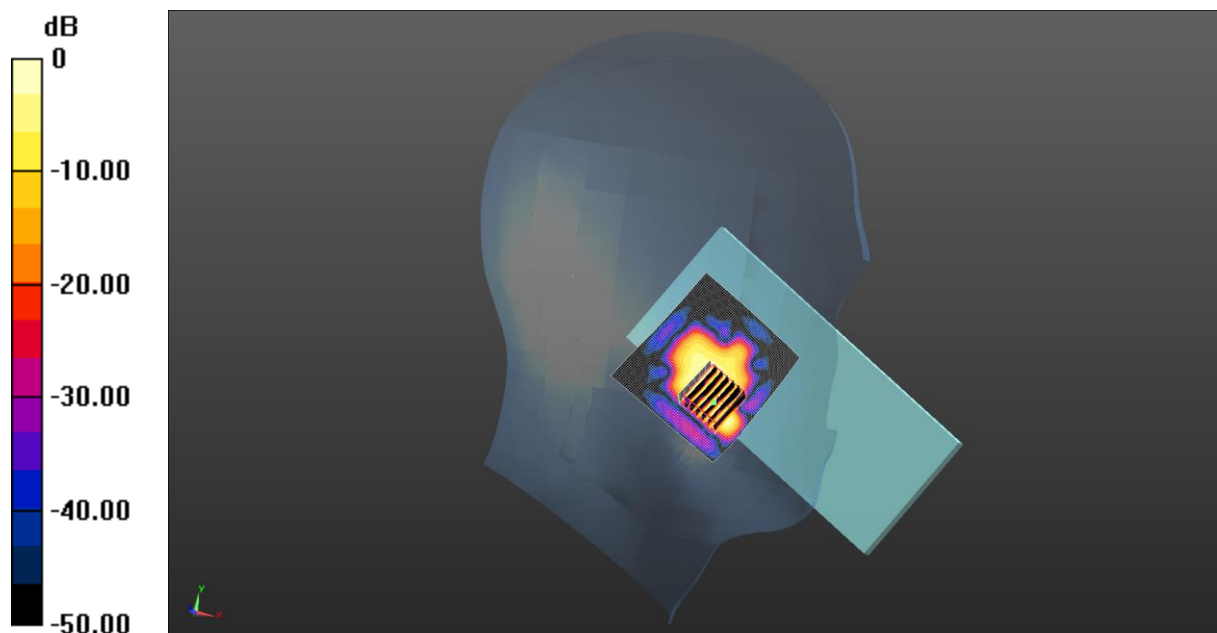
Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.081 W/kg ; SAR(10 g) = 0.021 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.8%

Maximum value of SAR (measured) = 0.243 W/kg



$0 \text{ dB} = 0.243 \text{ W/kg} = -6.14 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 05.22.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11 n20 5GHz (0); Frequency: 5700 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.13 \text{ S/m}$; $\epsilon_r = 36.19$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5700 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Left Cheek/High Channel/Area Scan (71x71x1): Interpolated grid:
 $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.480 W/kg

5.6G WiFi Left Cheek/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.00 dB

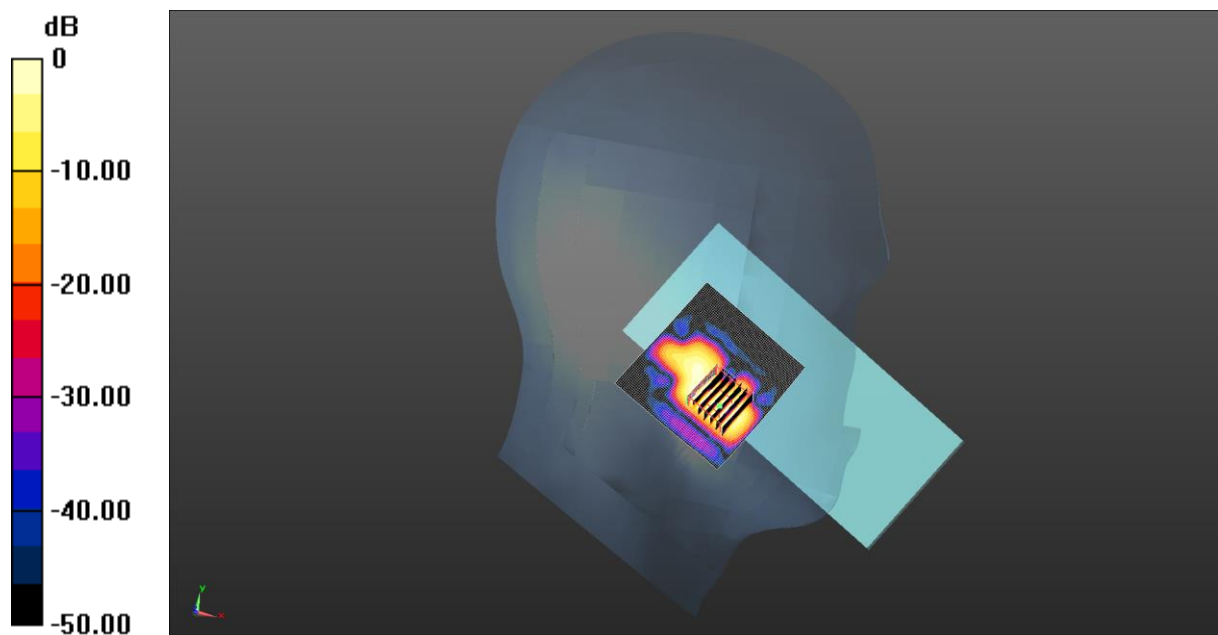
Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 0.346 W/kg

 $0 \text{ dB} = 0.346 \text{ W/kg} = -4.61 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 05.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.176$ S/m; $\epsilon_r = 36.138$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Left Cheek/Low Channel/Area Scan (81x81x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.546 W/kg

5.8G WiFi Left Cheek/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.332 V/m; Power Drift = 0.16 dB

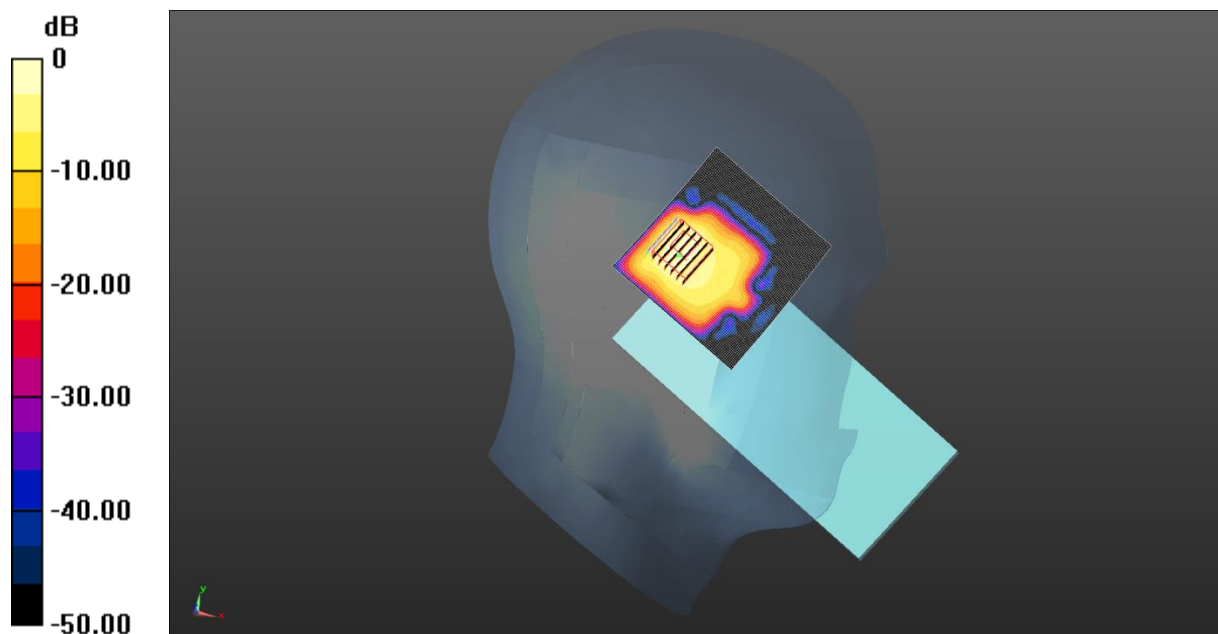
Peak SAR (extrapolated) = 0.948 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.061 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 45.4%

Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg

Test Laboratory: JYTSZ

Date: 04.14.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

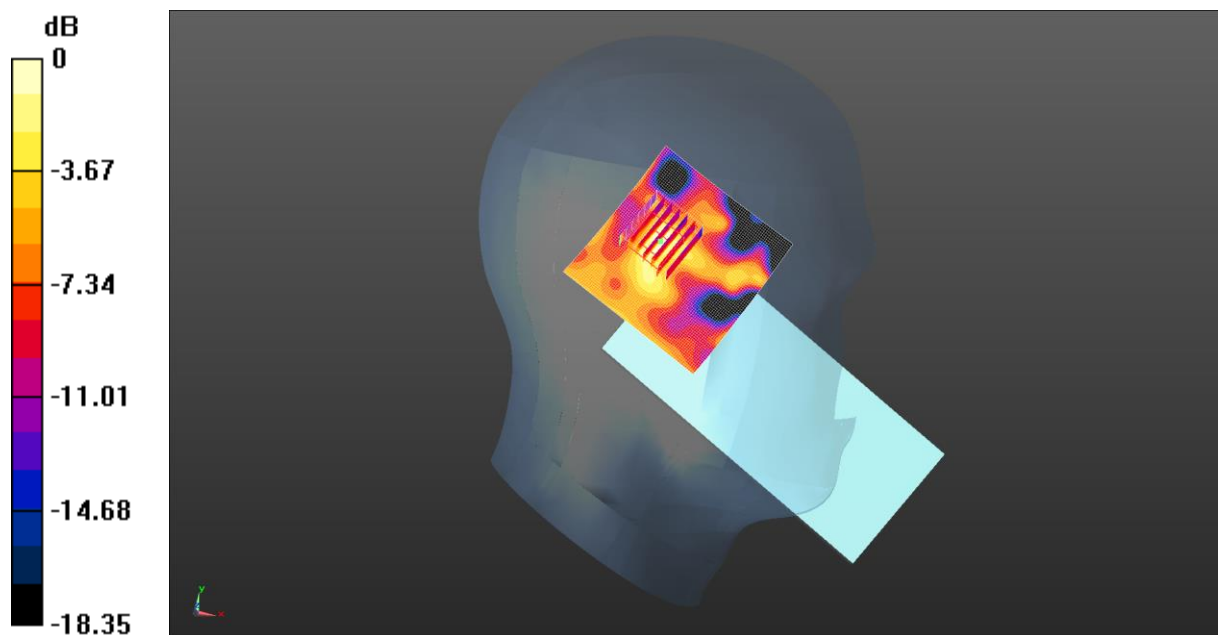
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 38.049$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Left Tilted/Middle Channel/Area Scan (71x71x1): Interpolated grid:
 $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.0214 W/kg

Bluetooth Left Tilted/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 1.589 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.0280 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00538 W/kg
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
 Ratio of SAR at M2 to SAR at M1 = 37.8%
 Maximum value of SAR (measured) = 0.0209 W/kg



0 dB = 0.0209 W/kg = -16.80 dBW/kg

Test Laboratory: JYTSZ

Date: 04.03.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:1.99986

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 40.952$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 824.2 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 850 4Slots Flip Back/Low Channel/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.86 W/kg

GPRS 850 4Slots Flip Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 23.34 V/m; Power Drift = -0.16 dB

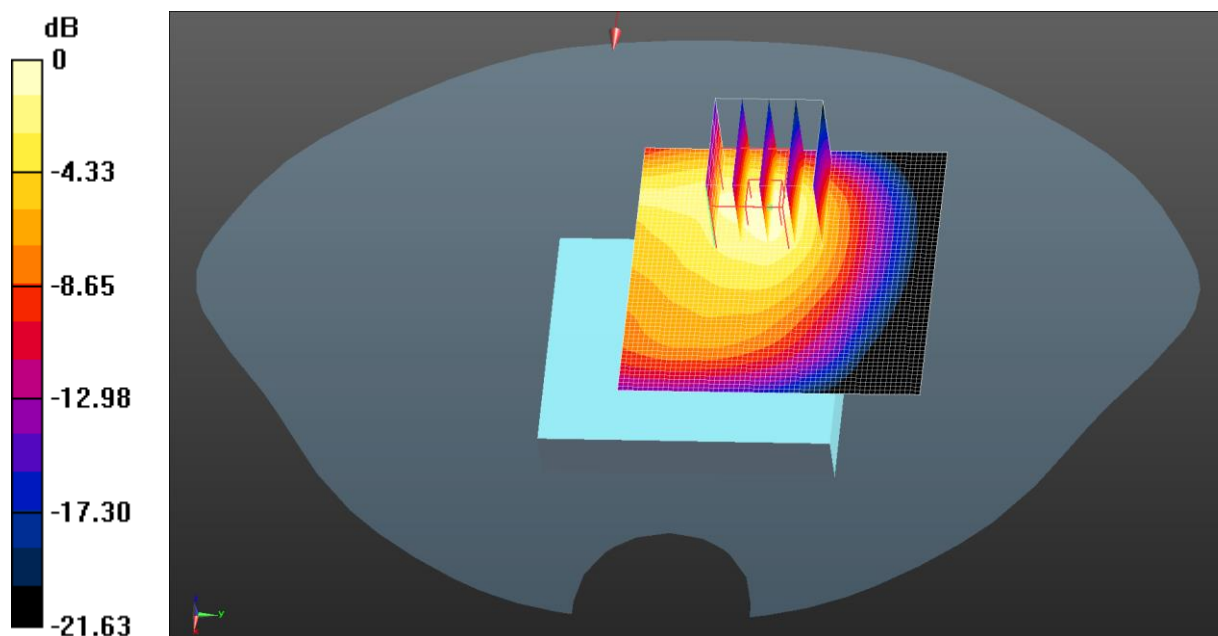
Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.630 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 41.9%

Maximum value of SAR (measured) = 2.03 W/kg



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

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.428 \text{ S/m}$; $\epsilon_r = 38.888$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 1900 4Slots Flip Front/Low Channel/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.862 W/kg

GPRS 1900 4Slots Flip Front/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.607 V/m ; Power Drift = -0.05 dB

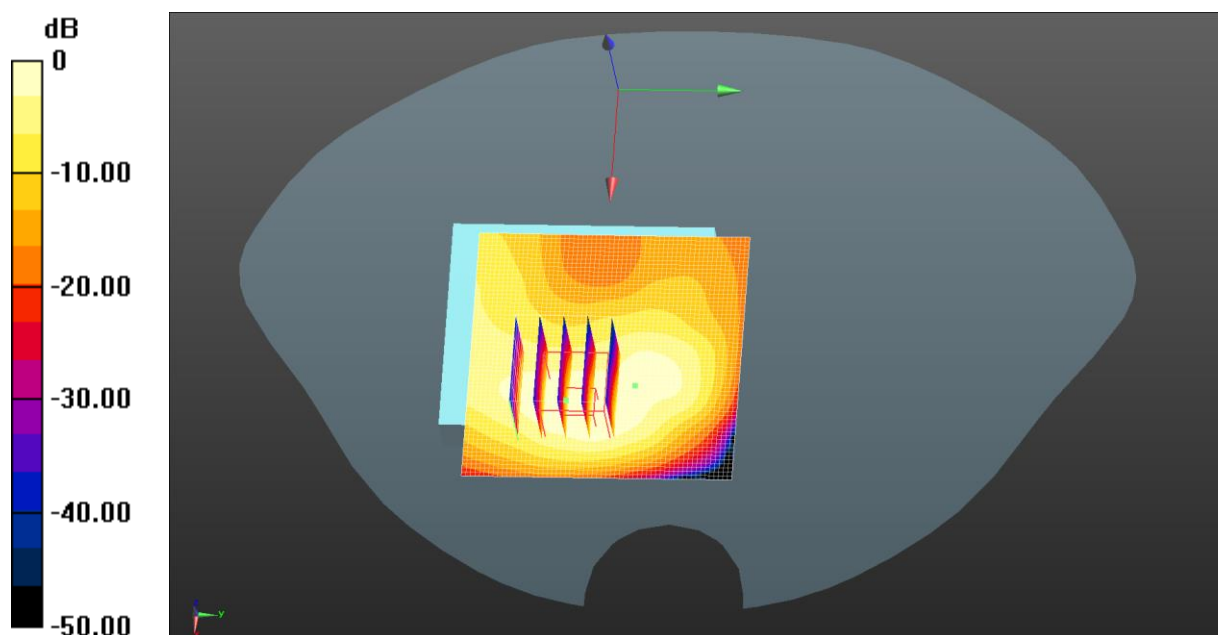
Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.644 W/kg ; SAR(10 g) = 0.319 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 0.862 W/kg = -0.65 dBW/kg

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.428 \text{ S/m}$; $\epsilon_r = 38.888$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Flip Front/Low Channel/Area Scan (61x61x1): Interpolated grid:
dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.257 W/kg

WCDMA 1900 Flip Front/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 4.214 V/m; Power Drift = -0.07 dB

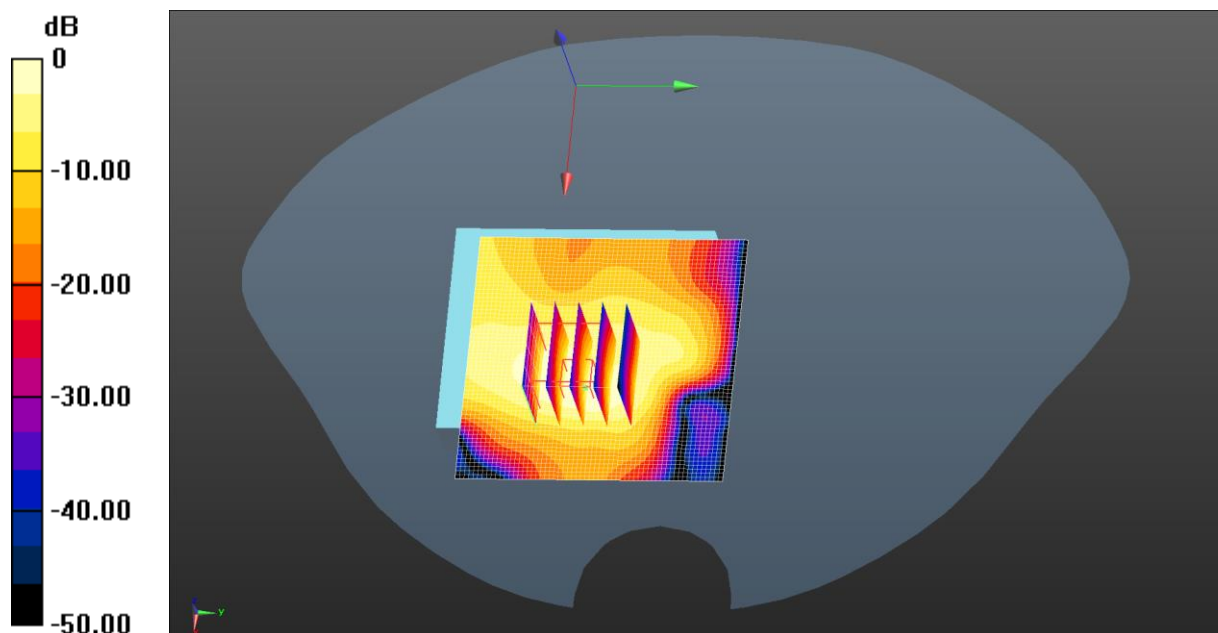
Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.077 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.183$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1732.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Flip Front/Middle Channel/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.246 W/kg

WCDMA 1700 Flip Front/ Middle Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 5.193 V/m; Power Drift = -0.06 dB

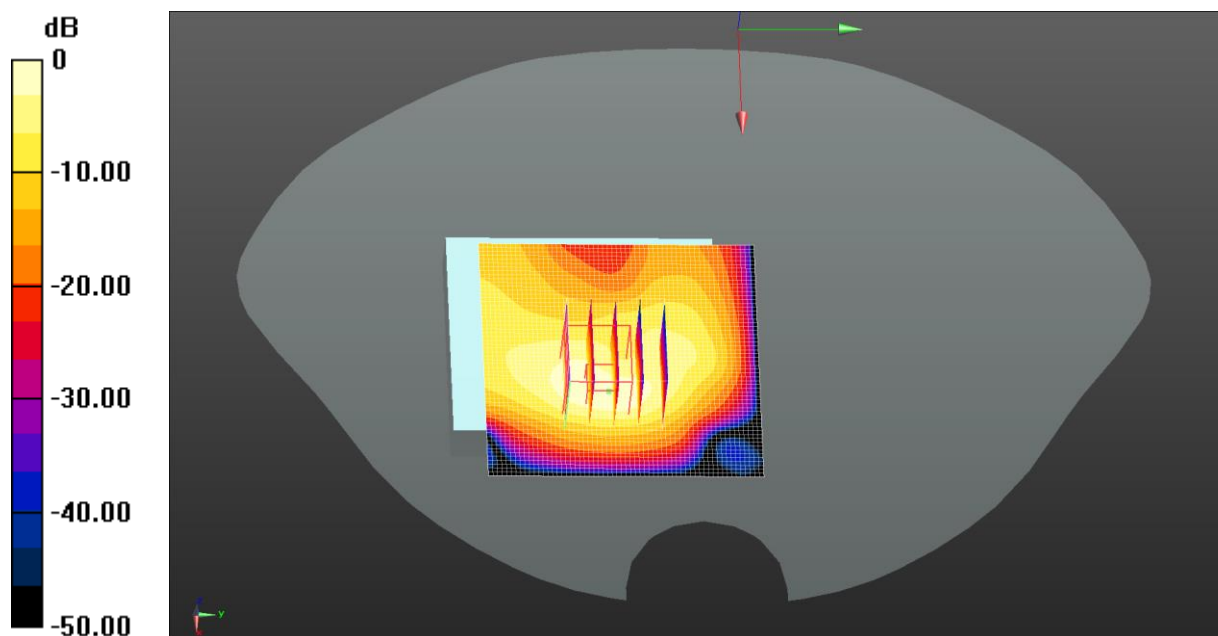
Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.067 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 0.261 W/kg



0 dB = 0.246 W/kg = -6.08 dBW/kg

Test Laboratory: JYTSZ

Date: 05.16.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 40.946$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 826.4 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Flip Back/Low Channel/Area Scan (61x61x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.971 W/kg

WCDMA 850 Flip Back/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.00 V/m; Power Drift = -0.03 dB

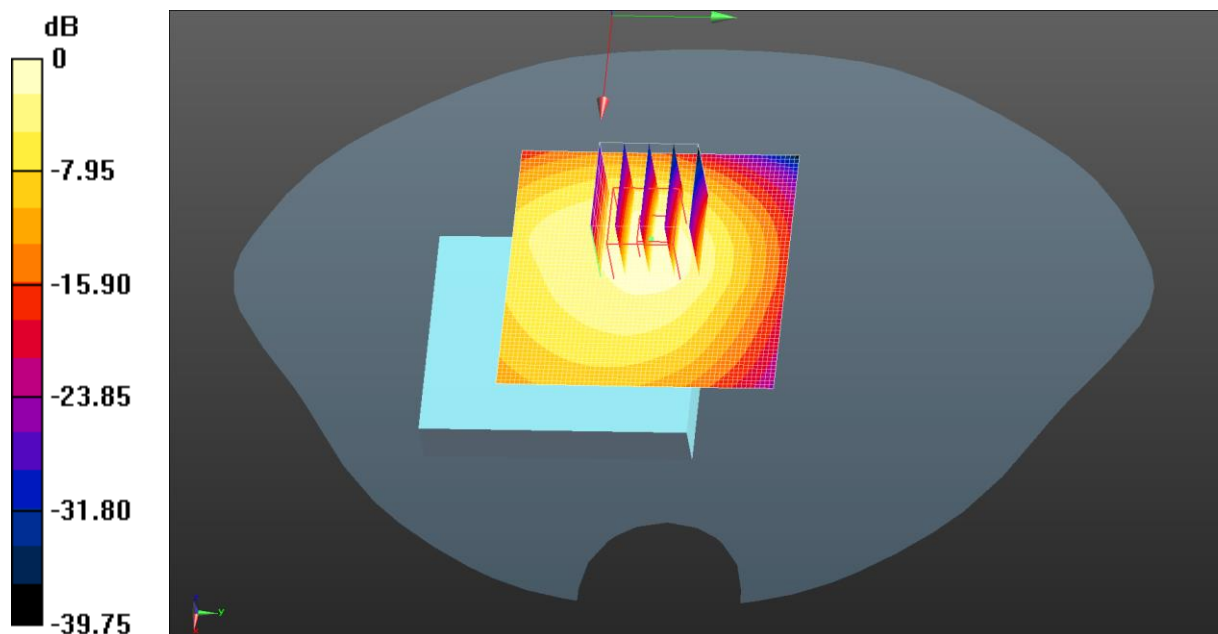
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.316 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 0.945 W/kg



0 dB = 0.971 W/kg = -0.13 dBW/kg

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.416 \text{ S/m}$; $\epsilon_r = 38.914$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1860 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Flip Front/Low Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.236 W/kg

LTE Band 2 1RB(20MHz) Flip Front/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.769 V/m ; Power Drift = -0.18 dB

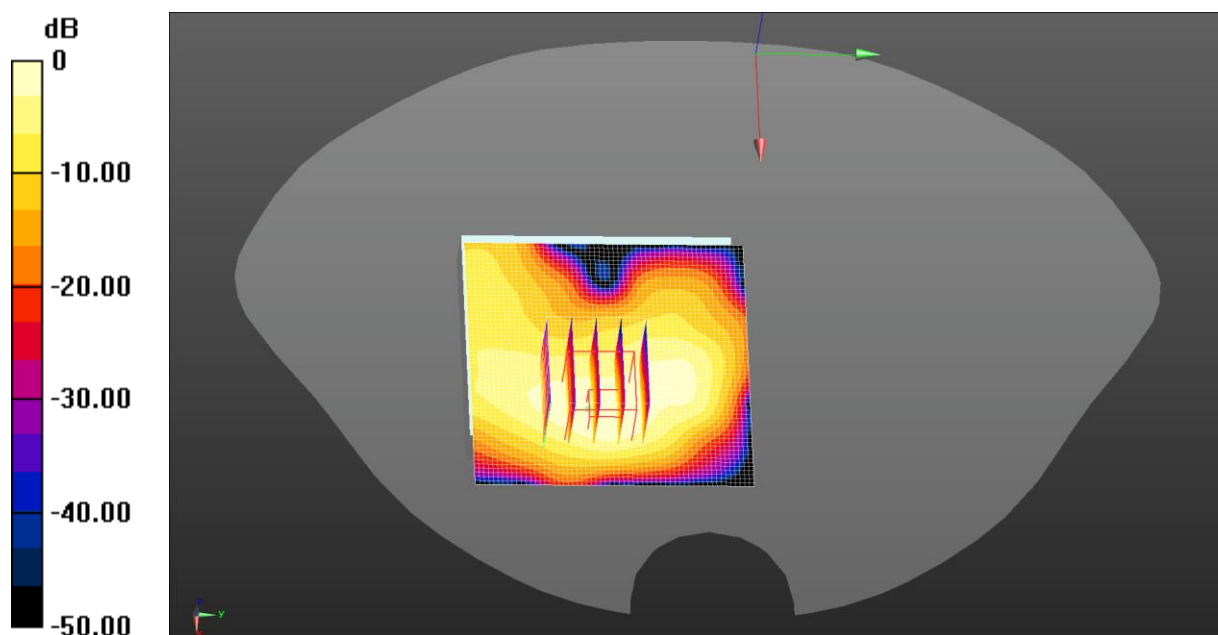
Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.163 W/kg ; SAR(10 g) = 0.078 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.236 W/kg = -6.28 dBW/kg

Test Laboratory: JYTSZ

Date: 04.03.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 829 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 40.92$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 829 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Flip Back/Low Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.894 W/kg

LTE Band 5 1RB(10MHz) Flip Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.03 V/m ; Power Drift = -0.03 dB

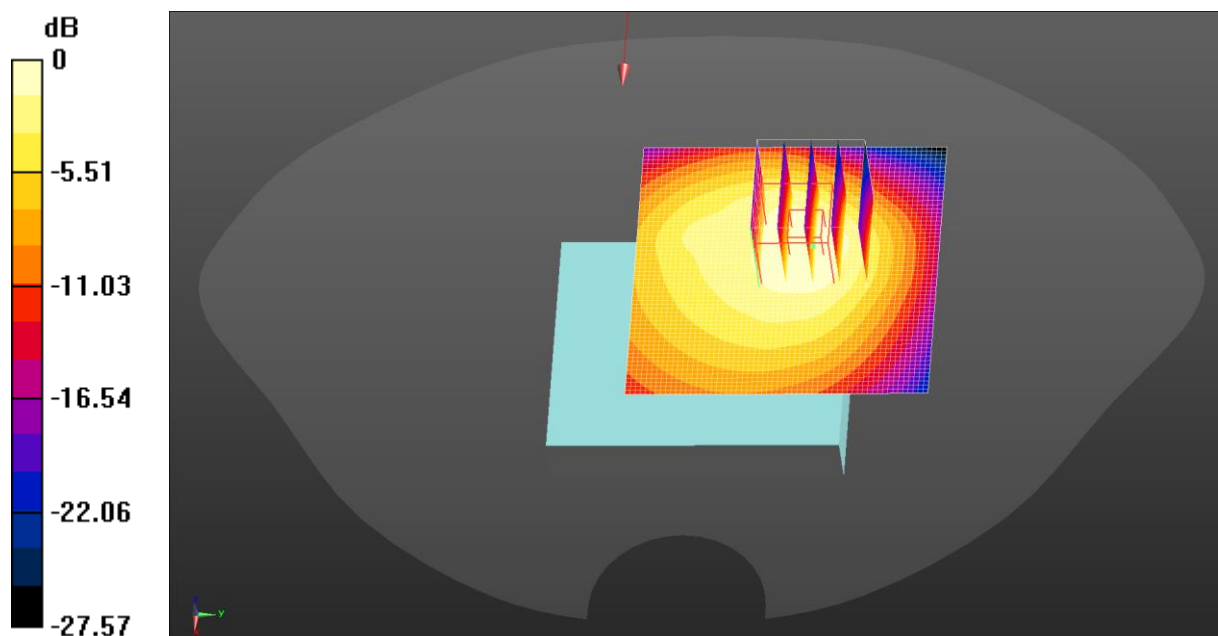
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.630 W/kg ; SAR(10 g) = 0.352 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 0.894 W/kg = -0.49 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 37.933$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Flip Front/Low Channel/Area Scan (71x61x1):Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.381 W/kg

LTE Band 7 1RB(20MHz) Flip Front/Low Channel/Zoom Scan (7x7x7)/Cube 0:Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.187 V/m; Power Drift = 0.07 dB

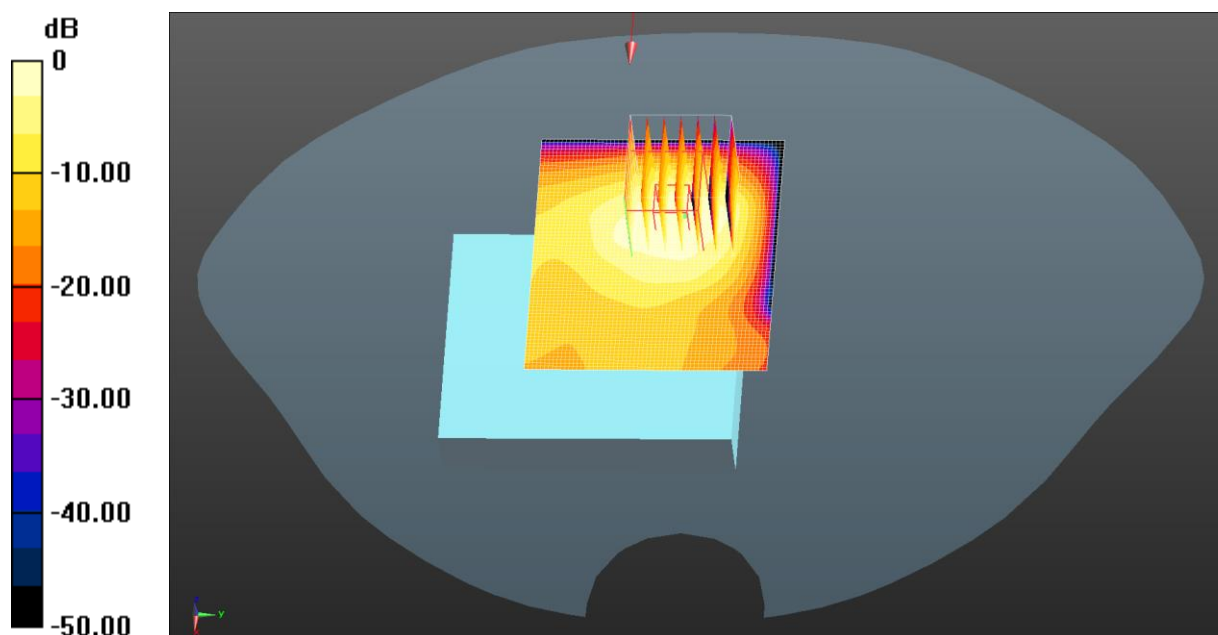
Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.094 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.381 W/kg = -4.20 dBW/kg

Test Laboratory: JYTSZ

Date: 03.30.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 704 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 41.291$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 704 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 12 1RB(10MHz) Flip Back/Middle Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.803 W/kg

LTE Band 12 1RB(10MHz) Flip Back/Middle Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.12 V/m ; Power Drift = 0.03 dB

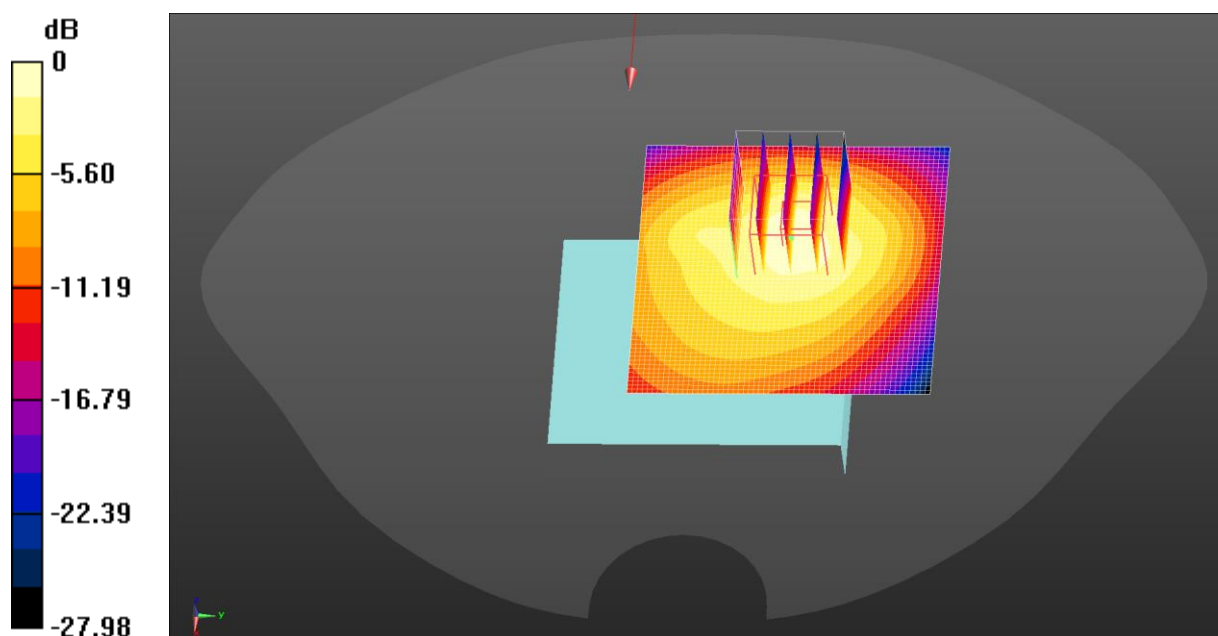
Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.494 W/kg ; SAR(10 g) = 0.274 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 47.8%

Maximum value of SAR (measured) = 0.805 W/kg



0 dB = 0.803 W/kg = -0.95 dBW/kg

Test Laboratory: JYTSZ

Date: 03.30.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 41.069$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 782 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 13 1RB(10MHz) Flip Back/Middle Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.749 W/kg

LTE Band 13 1RB(10MHz) Flip Back/Middle Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.14 V/m ; Power Drift = 0.11 dB

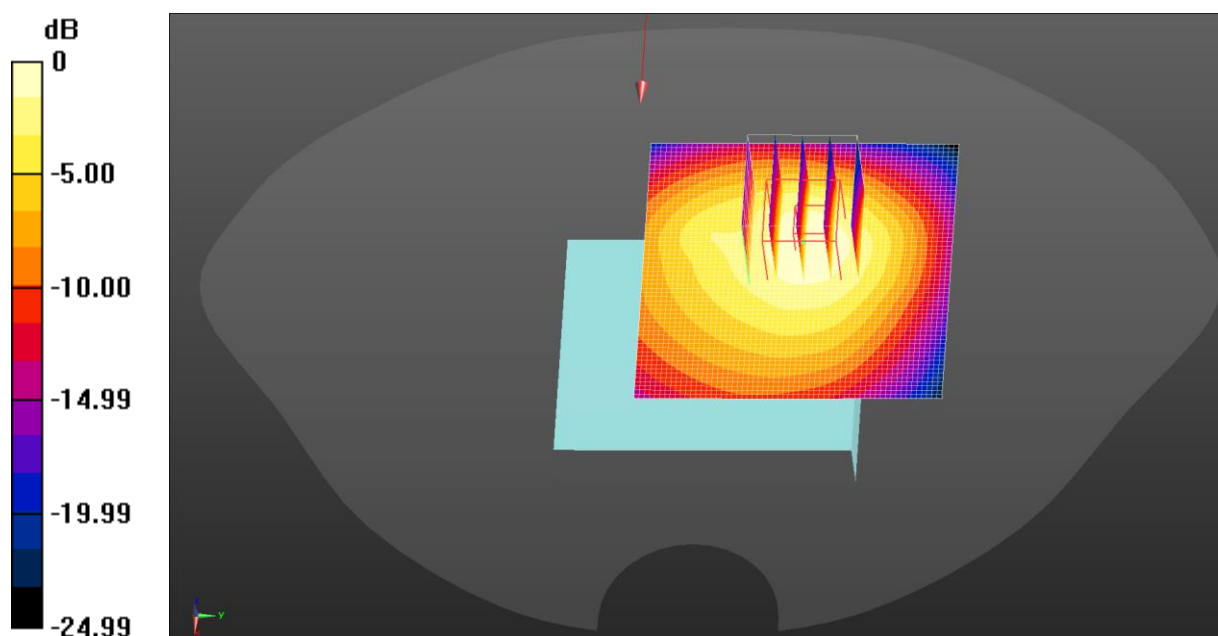
Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.504 W/kg ; SAR(10 g) = 0.280 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.3%

Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.749 W/kg = -1.26 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2680 MHz; Duty Cycle: 1:1.59956

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.003$ S/m; $\epsilon_r = 37.652$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2680 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Flip Front/High Channel/Area Scan (61x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.242 W/kg

LTE Band 41 1RB(20MHz) Flip Front/High Channel/Zoom Scan (7x7x7)/Cube

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

Reference Value = 3.331 V/m; Power Drift = 0.06 dB

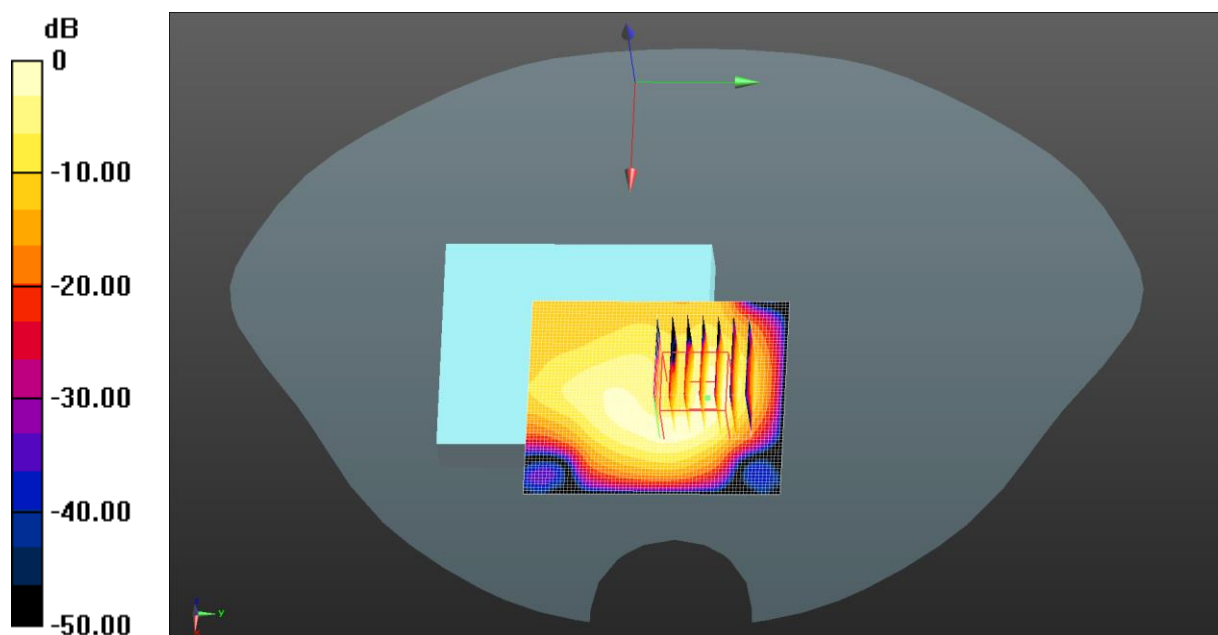
Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.049 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.4%

Maximum value of SAR (measured) = 0.249 W/kg



Test Laboratory: JYTSZ

Date: 04.20.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 3540 MHz; Duty Cycle: 1:1.59956

Medium parameters used: $f = 3540$ MHz; $\sigma = 2.889$ S/m; $\epsilon_r = 37.153$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3540 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 42 1RB(20MHz) Flip Front/High Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.621 W/kg

LTE Band 42 1RB(20MHz) Flip Front/High Channel/Zoom Scan (7x7x8)/Cube

0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 6.601 V/m; Power Drift = -0.08 dB

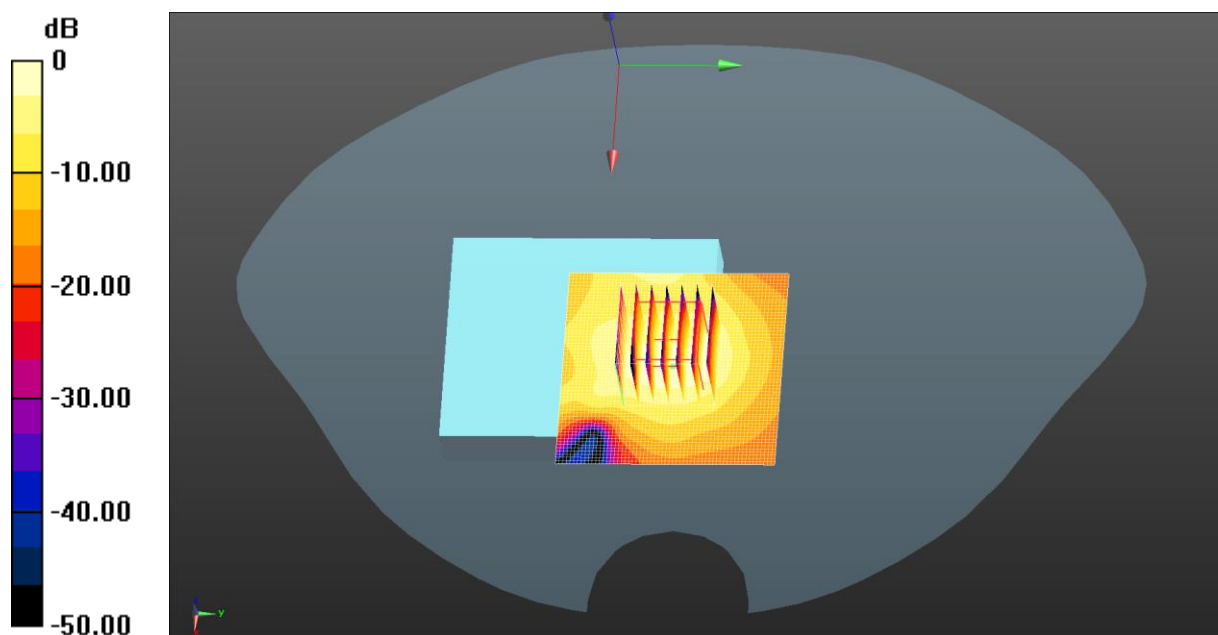
Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.126 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 0.601 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.338 \text{ S/m}$; $\epsilon_r = 39.166$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1720 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 1RB(20MHz) Flip Front/Low Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.250 W/kg

LTE Band 66 1RB(20MHz) Flip Front/Low Channel/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.224 V/m ; Power Drift = -0.15 dB

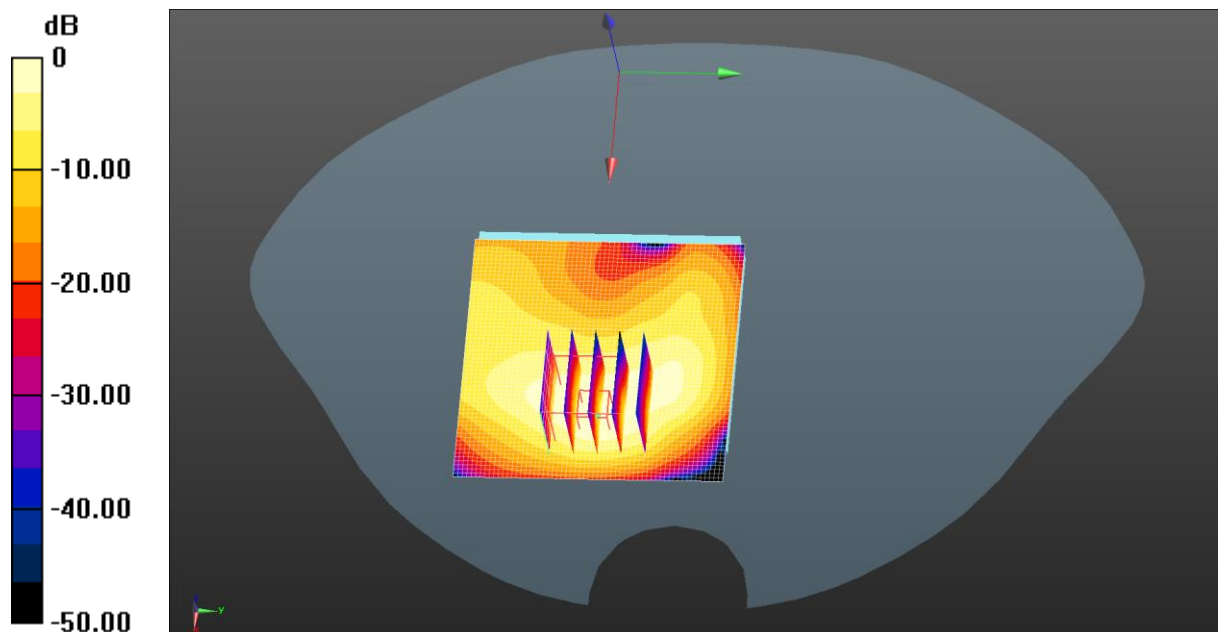
Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.203 W/kg ; SAR(10 g) = 0.092 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 43.4%

Maximum value of SAR (measured) = 0.373 W/kg



0 dB = 0.250 W/kg = -6.01 dBW/kg

Test Laboratory: JYTSZ

Date: 04.03.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 839 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 839$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 40.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(9.85, 9.85, 9.85) @ 839 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n5 50%RB(20MHz) Flip Back/High Channel/Area Scan (61x61x1):

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

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

NR n5 50%RB(20MHz) Flip Back/High Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 20.22 V/m; Power Drift = 0.03 dB

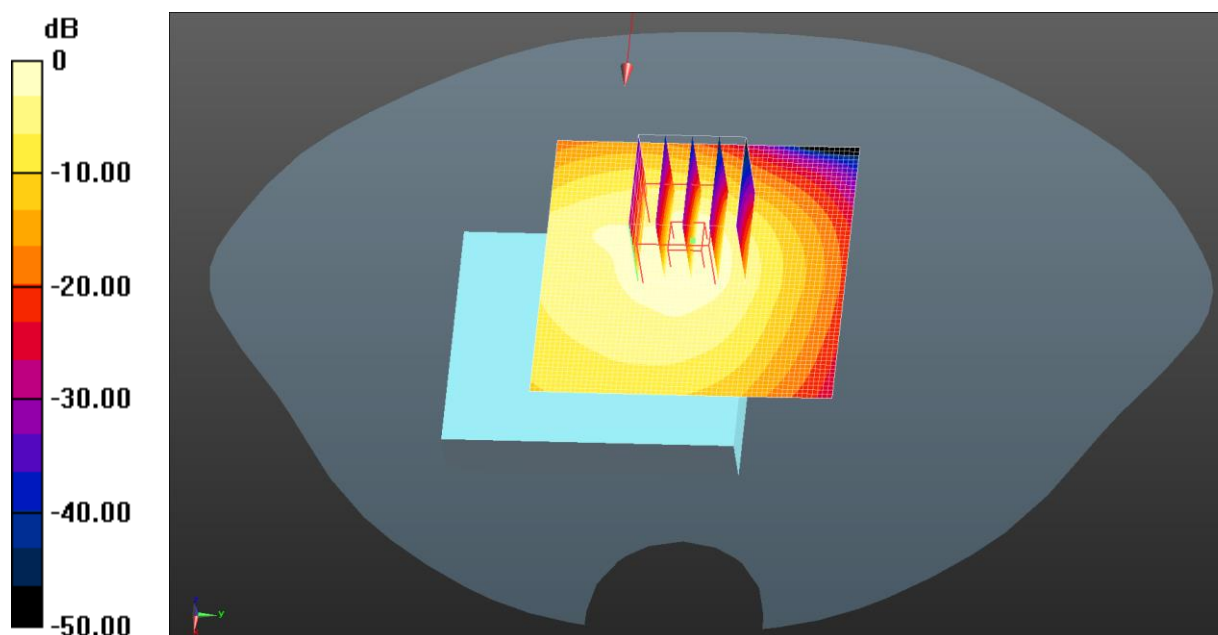
Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.315 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 42.7%

Maximum value of SAR (measured) = 0.969 W/kg



0 dB = 1.03 W/kg = 0.11 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 37.852$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2560 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n7 50%RB(20MHz) Flip Front/High Channel/Area Scan (61x61x1):Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

NR n7 50%RB(20MHz) Flip Front/High Channel/Zoom Scan (7x7x7)/Cube 0:Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.503 V/m; Power Drift = 0.02 dB

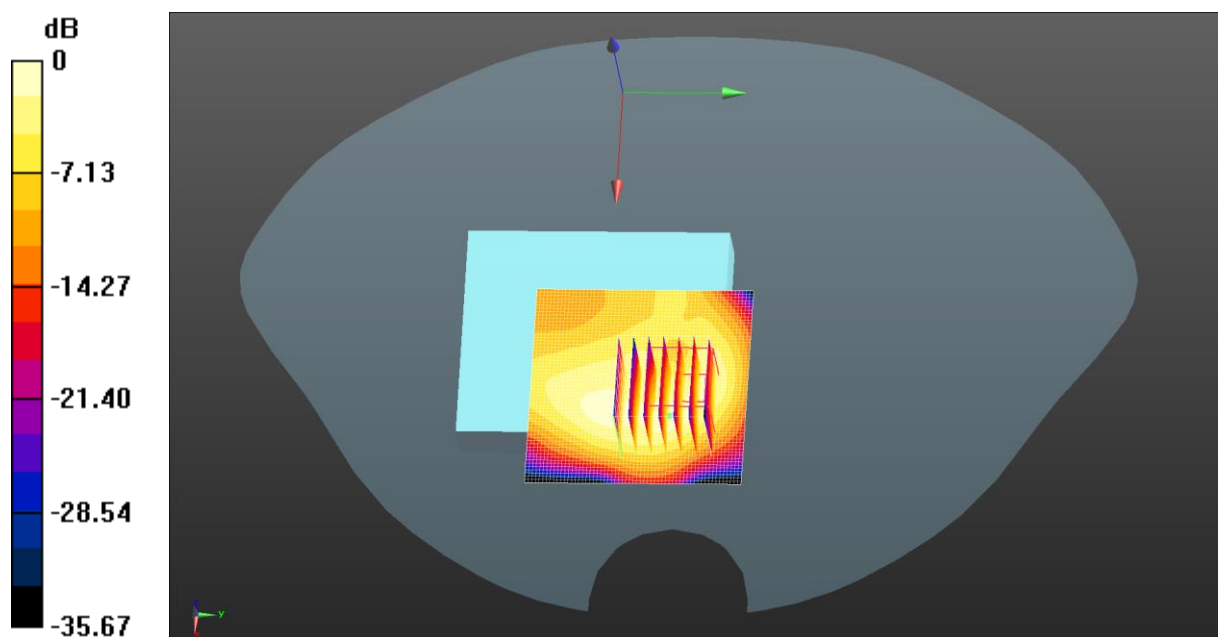
Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.138 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 0.579 W/kg



Test Laboratory: JYTSZ

Date: 03.30.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 706.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 706.5$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 41.293$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(10.23, 10.23, 10.23) @ 706.5 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n12 1RB(15MHz) Flip Back/Low Channel/Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.755 W/kg

NR n12 1RB(15MHz) Flip Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 13.55 V/m; Power Drift = 0.01 dB

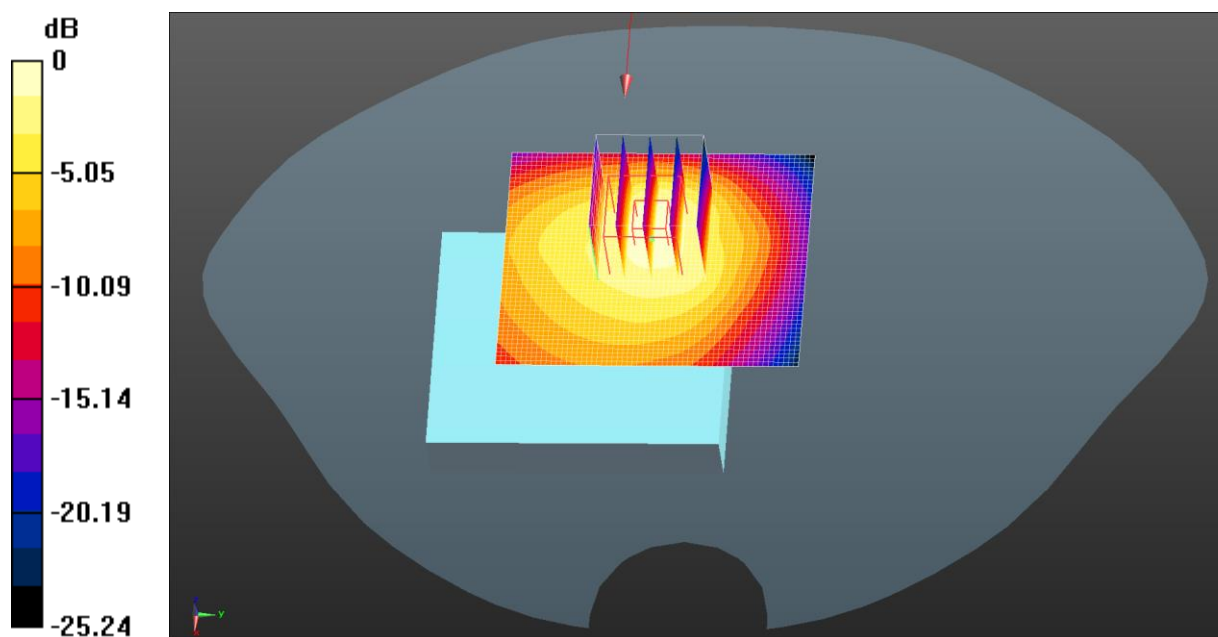
Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.245 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 38.2%

Maximum value of SAR (measured) = 0.792 W/kg



Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.936$ S/m; $\epsilon_r = 37.804$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2592.99 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n41 50%RB(100MHz) Flip Front/Middle Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.539 W/kg

NR n41 50%RB(100MHz) Flip Front/Middle Channel/Zoom Scan**(7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.623 V/m; Power Drift = -0.03 dB

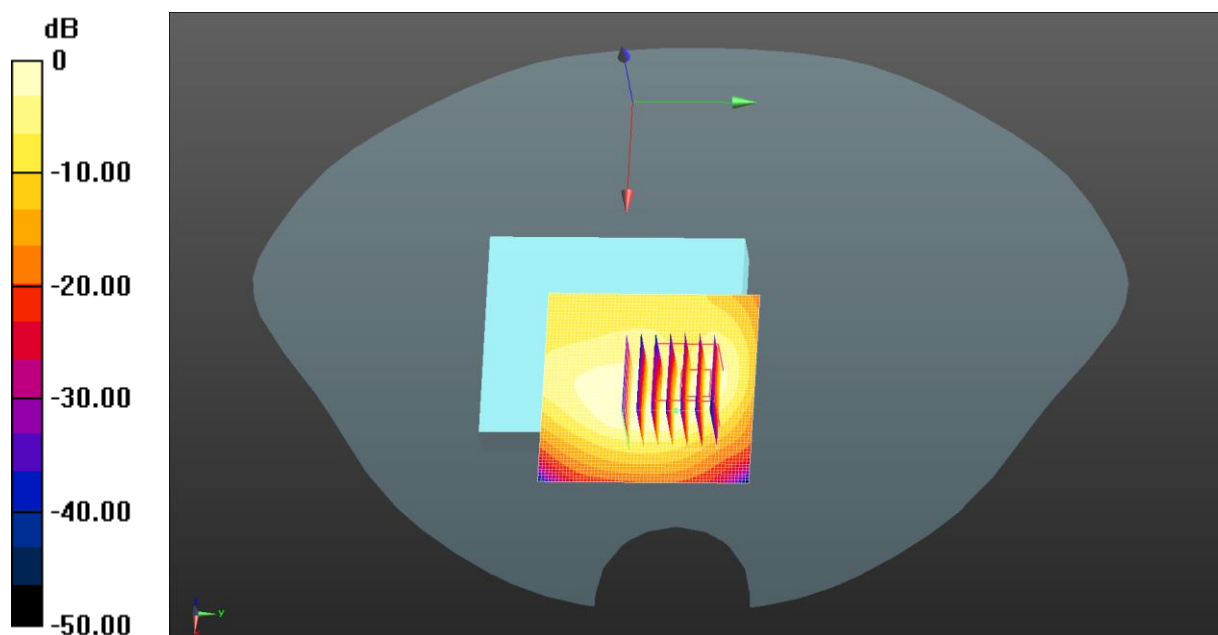
Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.137 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.6%

Maximum value of SAR (measured) = 0.578 W/kg

 $0 \text{ dB} = 0.539 \text{ W/kg} = -2.68 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

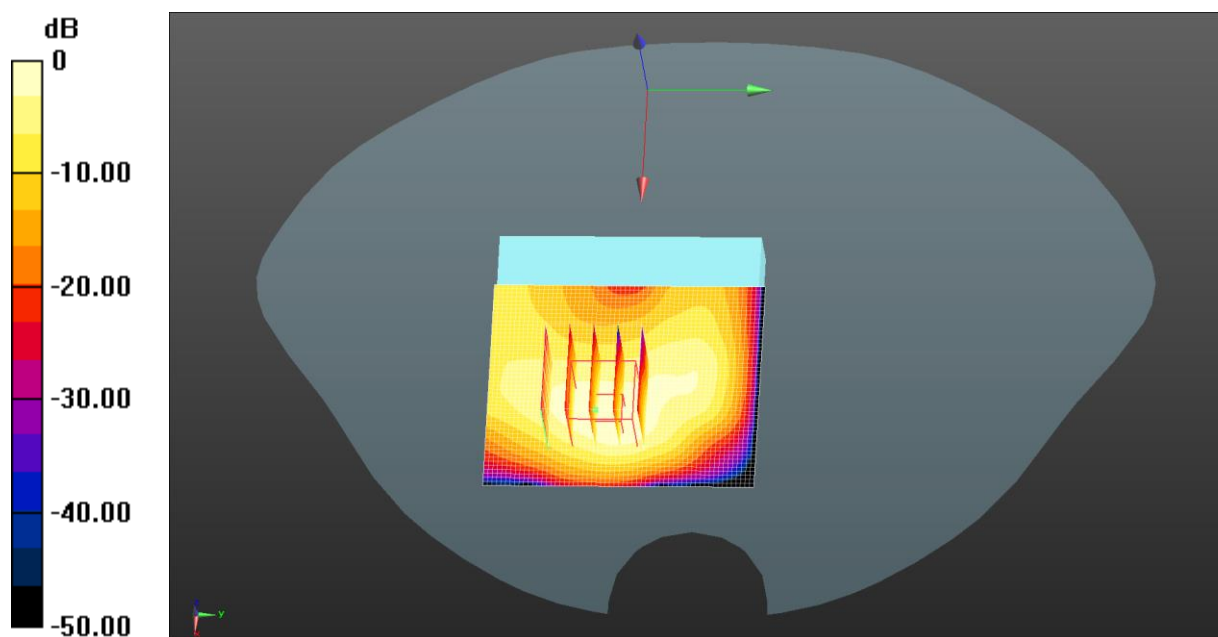
Communication System: UID 0, NR (0); Frequency: 1730 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1730 \text{ MHz}$; $\sigma = 1.344 \text{ S/m}$; $\epsilon_r = 39.142$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1730 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n66 1RB(40MHz) Flip Front/Low Channel/Area Scan (51x61x1): Interpolated
grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.259 W/kg

NR n66 1RB(40MHz) Flip Front/Low Channel/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 5.619 V/m ; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.409 W/kg
SAR(1 g) = 0.188 W/kg ; SAR(10 g) = 0.087 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 50.2%
Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.259 W/kg = -5.88 dBW/kg

Test Laboratory: JYTSZ

Date: 04.20.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

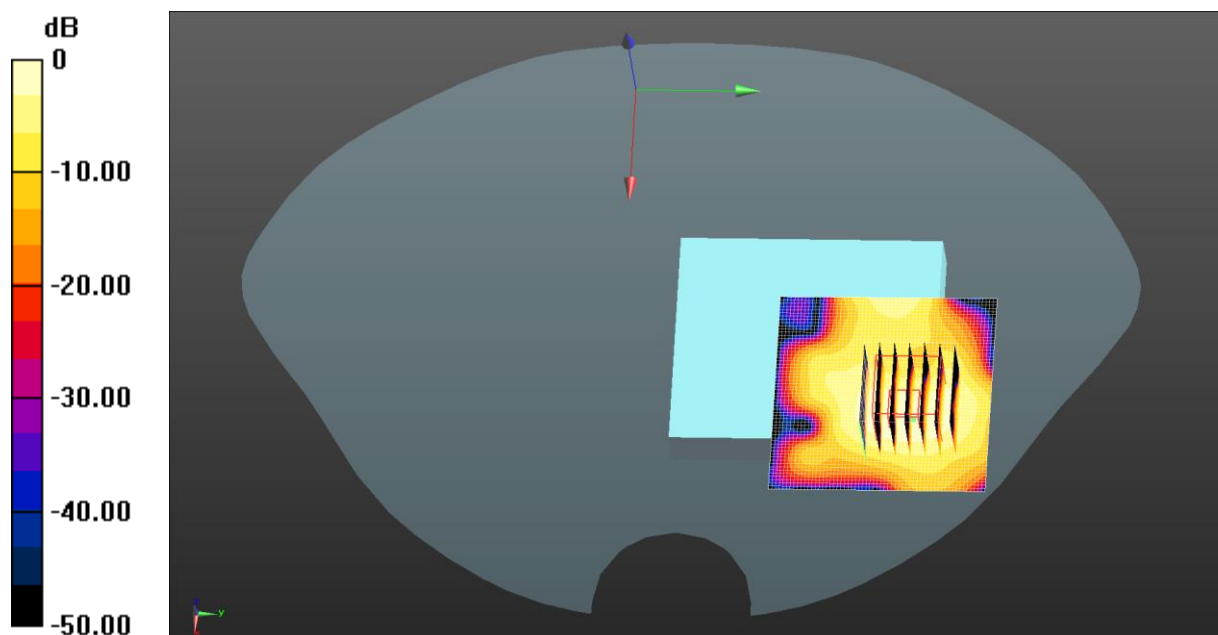
Communication System: UID 0, NR (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.889$ S/m; $\epsilon_r = 37.153$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3500.01 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 1RB(100MHz) Flip Front(3450-3550)/Middle Channel/Area Scan
(61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.170 W/kg

NR n77 1RB(100MHz) Flip Front(3450-3550)/Middle Channel/Zoom Scan
(7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.033 W/kg
Smallest distance from peaks to all points 3 dB below = 7 mm
Ratio of SAR at M2 to SAR at M1 = 43.4%
Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 3600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3600$ MHz; $\sigma = 2.991$ S/m; $\epsilon_r = 37.039$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 1RB(100MHz) Flip Front(3550-3700)/Low Channel/Area Scan**(61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.143 W/kg

NR n77 1RB(100MHz) Flip Front(3550-3700)/Low Channel/Zoom Scan**(7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

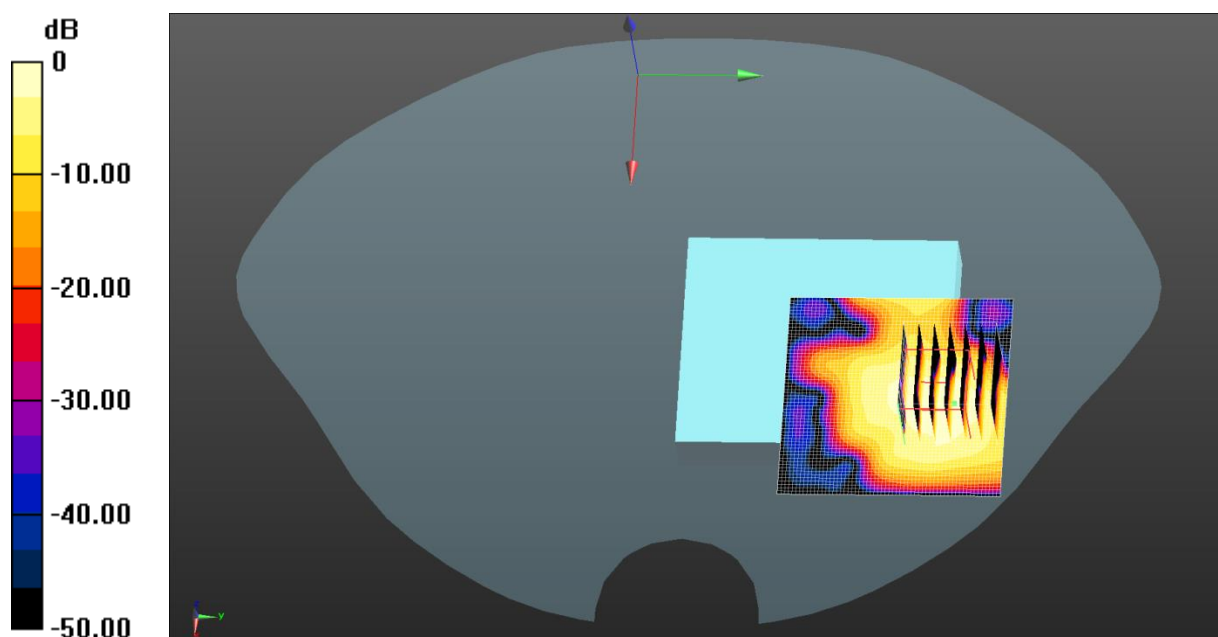
Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.025 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 38.7%

Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3750$ MHz; $\sigma = 3.144$ S/m; $\epsilon_r = 36.868$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.7, 6.7, 6.7) @ 3750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 1RB(100MHz) Flip Front(3700-3980)/Low Channel/Area Scan**(61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.141 W/kg

NR n77 1RB(100MHz) Flip Front(3700-3980)/Low Channel/Zoom Scan**(7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

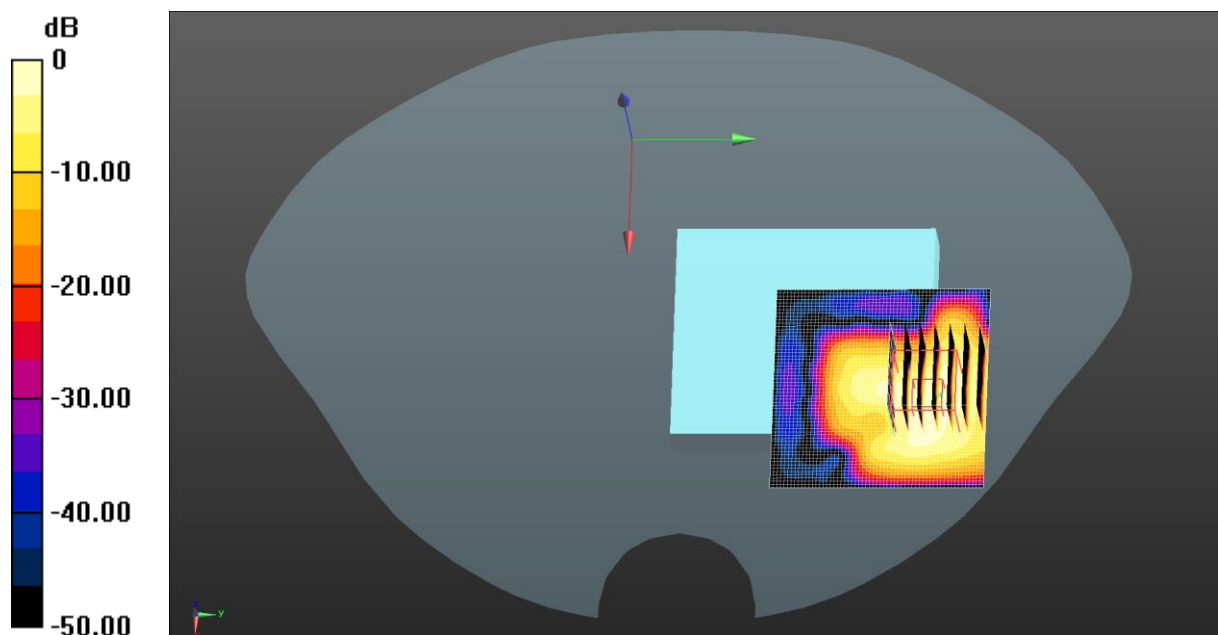
Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below = 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 36.5%

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

Test Laboratory: JYTSZ

Date: 04.14.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.056$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Flip Front/Middle Channel/Area Scan (71x71x1): Interpolated grid:

$dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.499 W/kg

2.4G WiFi Flip Front/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.653 V/m; Power Drift = -0.07 dB

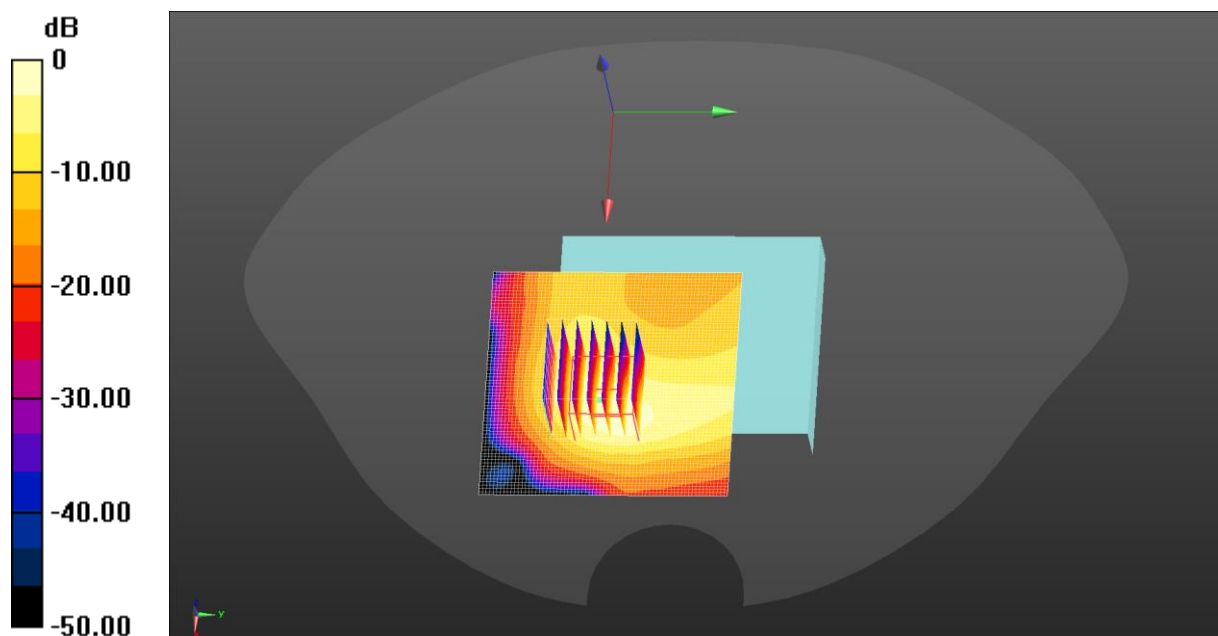
Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.124 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 42.6%

Maximum value of SAR (measured) = 0.576 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

Test Laboratory: JYTSZ

Date: 05.18.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.621$ S/m; $\epsilon_r = 36.761$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Flip Left/Middle Channel/Area Scan (61x81x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.302 W/kg

5.2G WiFi Flip Left/Middle Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.966 V/m; Power Drift = 0.01 dB

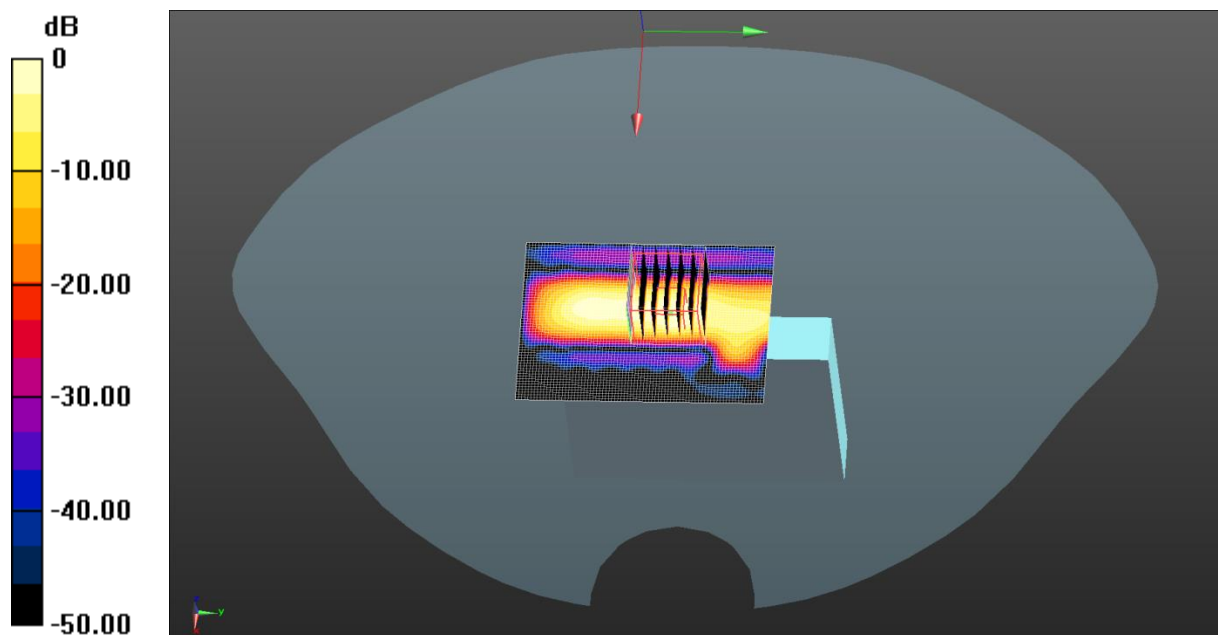
Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

Test Laboratory: JYTSZ

Date: 05.20.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.743$ S/m; $\epsilon_r = 36.624$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5320 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Flip Front/High Channel/Area Scan (71x71x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0990 W/kg

5.3G WiFi Flip Front/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

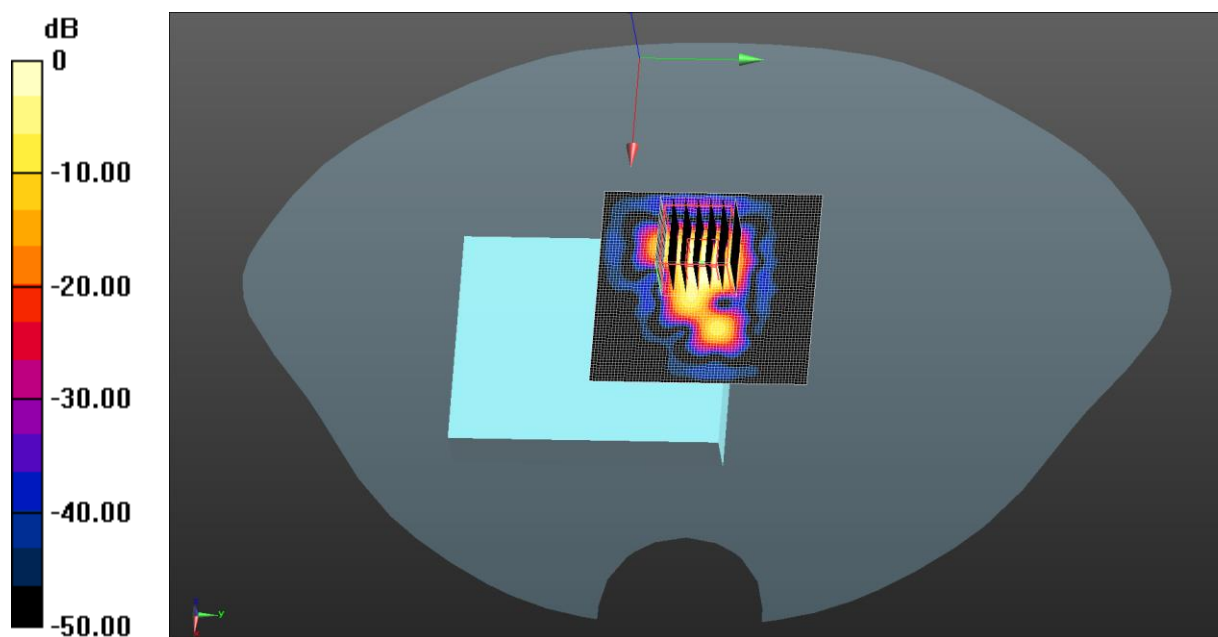
Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00352 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 12 mm)

Ratio of SAR at M2 to SAR at M1 = 35.1%

Maximum value of SAR (measured) = 0.0607 W/kg



0 dB = 0.0607 W/kg = -12.17 dBW/kg

Test Laboratory: JYTSZ

Date: 05.22.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11 n40 5GHz (0); Frequency: 5510 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5510 \text{ MHz}$; $\sigma = 4.936 \text{ S/m}$; $\epsilon_r = 36.407$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Flip Front/Low Channel/Area Scan (71x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.193 W/kg

5.6G WiFi Flip Front/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.5180 V/m ; Power Drift = 0.17 dB

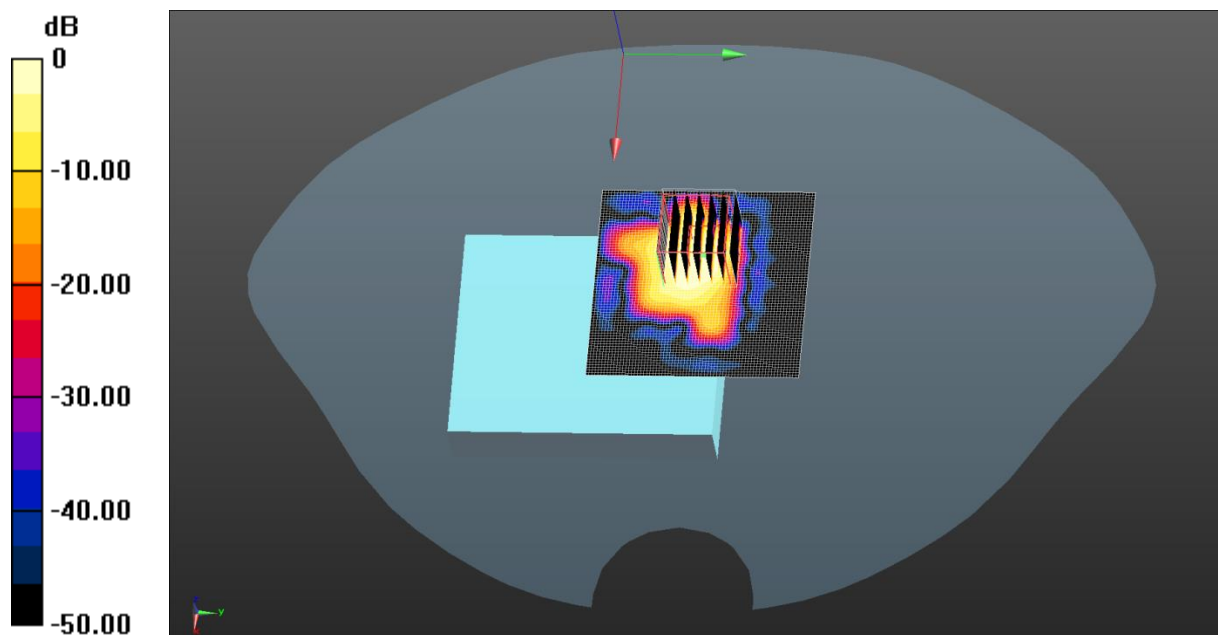
Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.039 W/kg ; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 37.9%

Maximum value of SAR (measured) = 0.123 W/kg



$0 \text{ dB} = 0.123 \text{ W/kg} = -9.10 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 05.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.176$ S/m; $\epsilon_r = 36.138$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5745 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Flip Front/Low Channel/Area Scan (71x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.273 W/kg

5.8G WiFi Flip Front/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.411 V/m; Power Drift = -0.04 dB

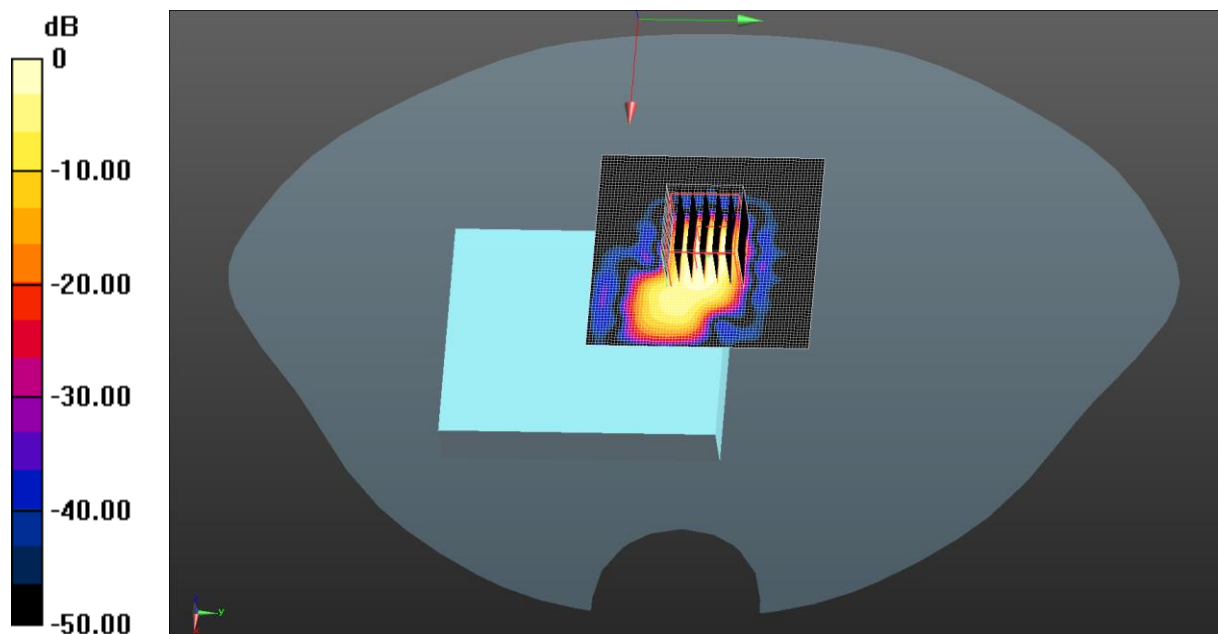
Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below = 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 41.1%

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -8.27 dBW/kg

Test Laboratory: JYTSZ

Date: 04.14.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

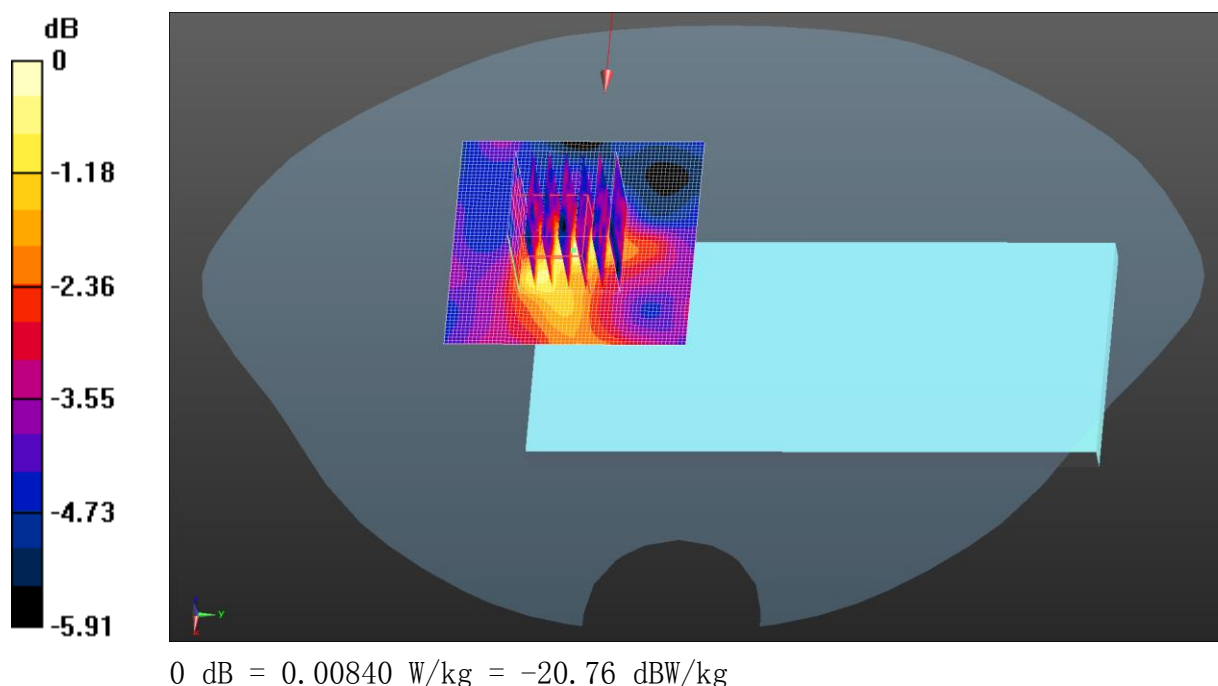
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 38.049$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Front/Middle Channel/Area Scan (61x61x1): Interpolated grid:
 $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.00840 W/kg

Bluetooth Body Front/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 1.329 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0100 W/kg
SAR(1 g) = 0.00626 W/kg; SAR(10 g) = 0.00462 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
Ratio of SAR at M2 to SAR at M1 = 69.1%
Maximum value of SAR (measured) = 0.00859 W/kg



Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1880 MHz; Duty Cycle: 1:1.99986

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.428 \text{ S/m}$; $\epsilon_r = 38.888$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 1900 4Slots Flip Left/Middle Channel/Area Scan (51x61x1): Interpolated
grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.80 W/kg

GPRS 1900 4Slots Flip Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.74 V/m ; Power Drift = 0.05 dB

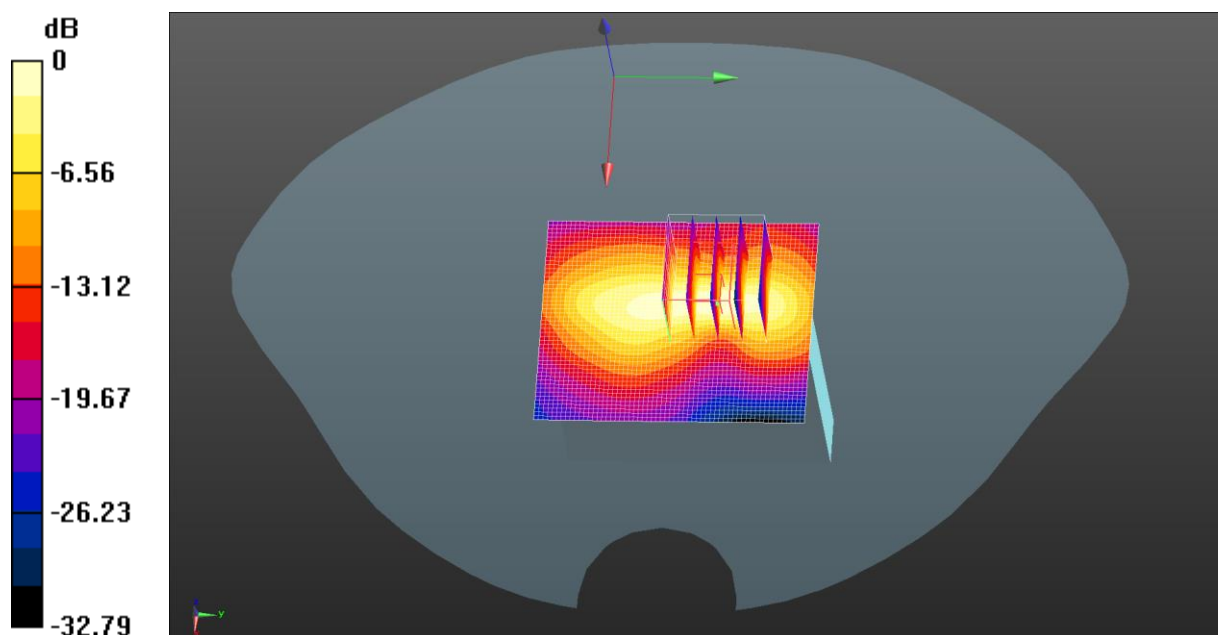
Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.893 W/kg ; SAR(10 g) = 0.401 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 42.2%

Maximum value of SAR (measured) = 1.83 W/kg



0 dB = 1.80 W/kg = 2.54 dBW/kg

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 38.888$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1880 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Flip Left/Middle Channel/Area Scan (51x61x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.549 W/kg

WCDMA 1900 Flip Left/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 12.04 V/m; Power Drift = 0.07 dB

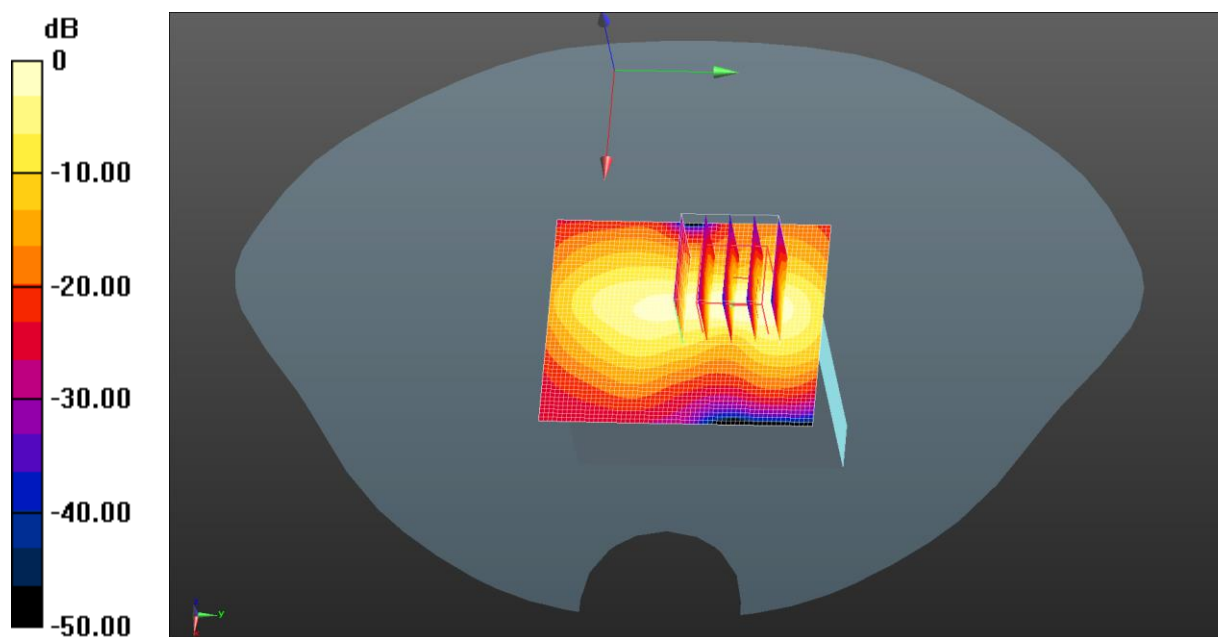
Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.107 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 44.1%

Maximum value of SAR (measured) = 0.517 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.183$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1732.6 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Flip Left/Low Channel/Area Scan (51x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.631 W/kg

WCDMA 1700 Flip Left/Low Channel/Zoom Scan (5x5x7)/Cube 0: Measurement

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

Reference Value = 10.48 V/m; Power Drift = 0.03 dB

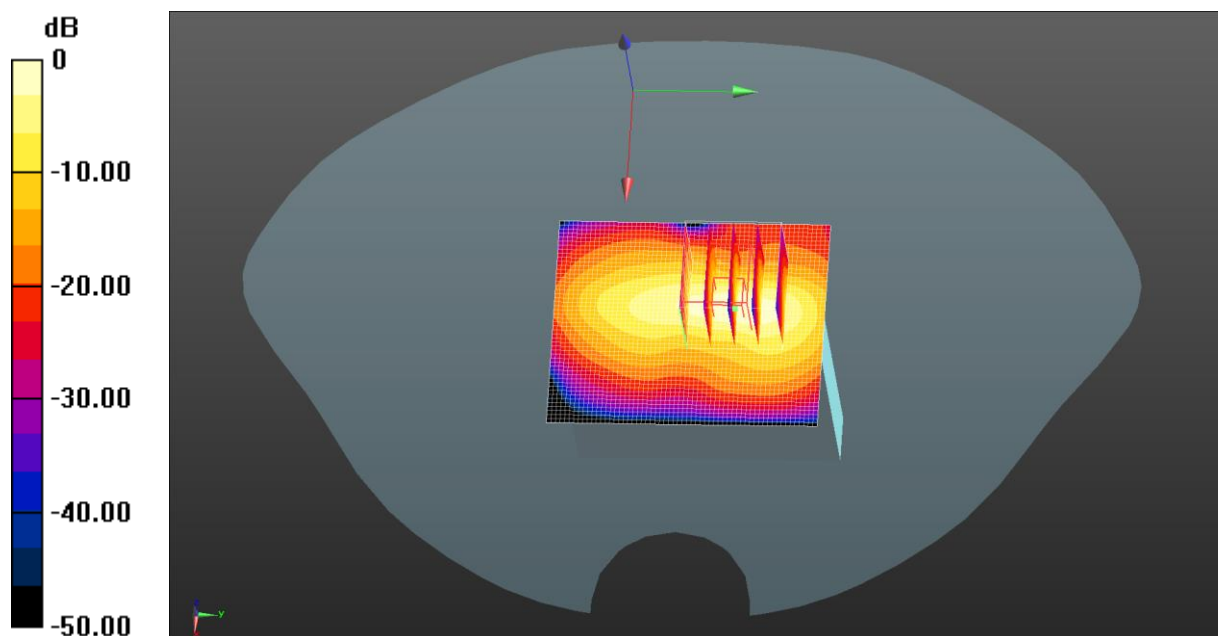
Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.098 W/kg

Smallest distance from peaks to all points 3 dB below = 3.2 mm

Ratio of SAR at M2 to SAR at M1 = 36.3%

Maximum value of SAR (measured) = 0.624 W/kg



0 dB = 0.631 W/kg = -2.00 dBW/kg

Test Laboratory: JYTSZ

Date: 04.10.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1860$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 38.914$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.12, 8.12, 8.12) @ 1860 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Flip Left/Low Channel/Area Scan (51x61x1):

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

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

LTE Band 2 1RB(20MHz) Flip Left/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 12.75 V/m; Power Drift = 0.04 dB

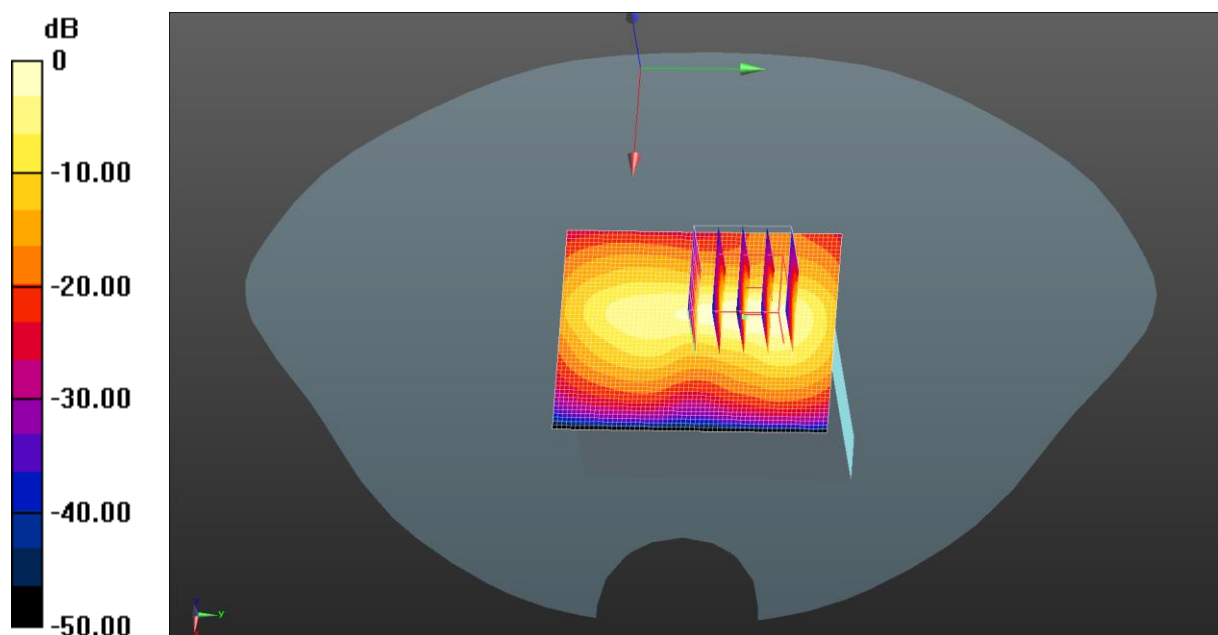
Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.184 W/kg

Smallest distance from peaks to all points 3 dB below = 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 39.7%

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



0 dB = 1.11 W/kg = 0.43 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 37.933$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2510 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Flip Left/Low Channel/Area Scan (61x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

LTE Band 7 1RB(20MHz) Flip Left/Low Channel/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 5.628 V/m; Power Drift = 0.08 dB

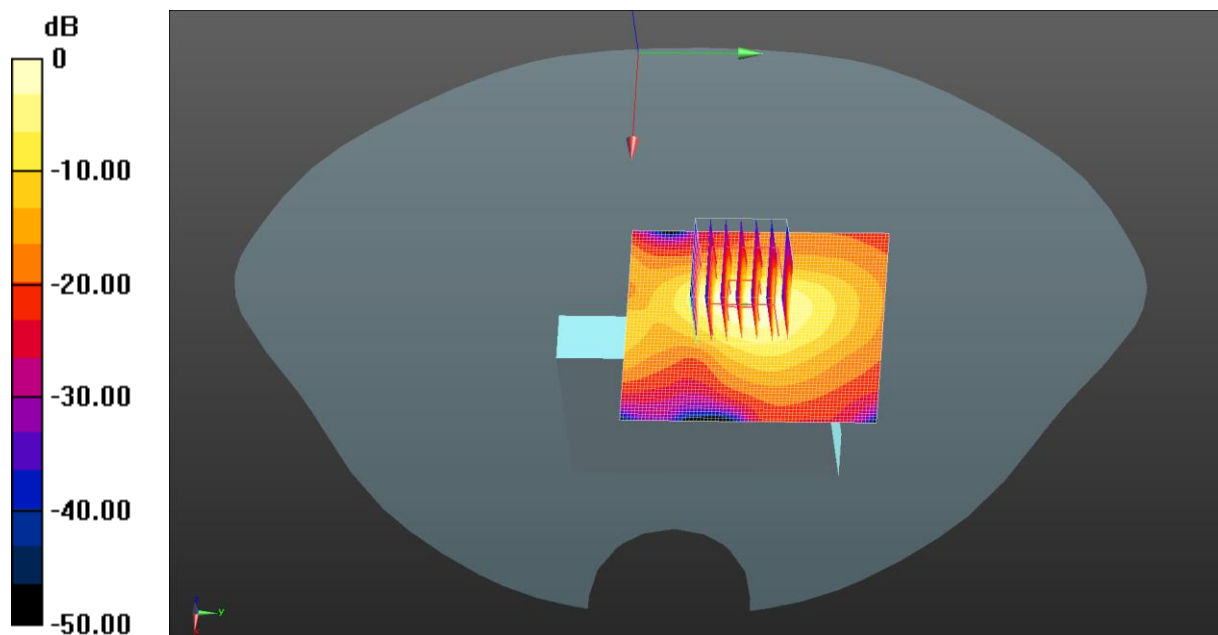
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.244 W/kg

Smallest distance from peaks to all points 3 dB below = 5 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

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



0 dB = 1.03 W/kg = 0.11 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2680 MHz; Duty Cycle: 1:1.59956

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.003$ S/m; $\epsilon_r = 37.652$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2680 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Flip Left/High Channel/Area Scan (61x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.486 W/kg

LTE Band 41 1RB(20MHz) Flip Left/High Channel/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 3.066 V/m; Power Drift = 0.00 dB

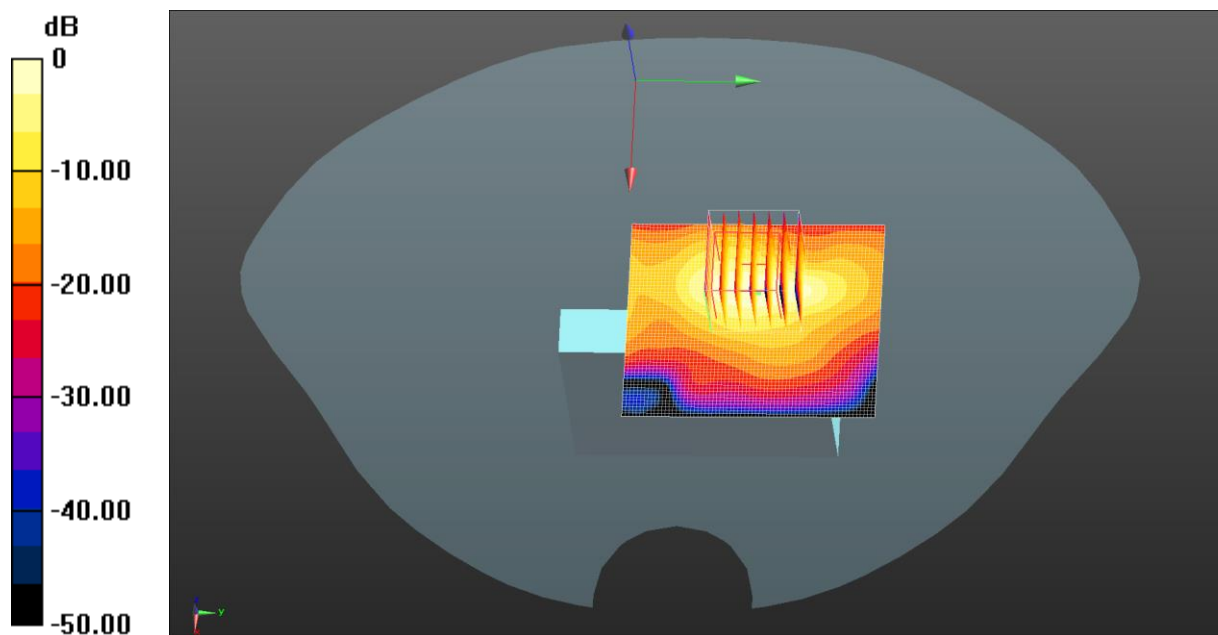
Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.094 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 42%

Maximum value of SAR (measured) = 0.447 W/kg

 $0 \text{ dB} = 0.486 \text{ W/kg} = -3.13 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, LTE-Fdd(USA) 1RB QPSK (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 39.166$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1720 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 1RB(20MHz) Flip Left/Low Channel/Area Scan (51x61x1):

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

Maximum value of SAR (interpolated) = 0.274 W/kg

LTE Band 66 1RB(20MHz) Flip Left/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 6.610 V/m; Power Drift = 0.05 dB

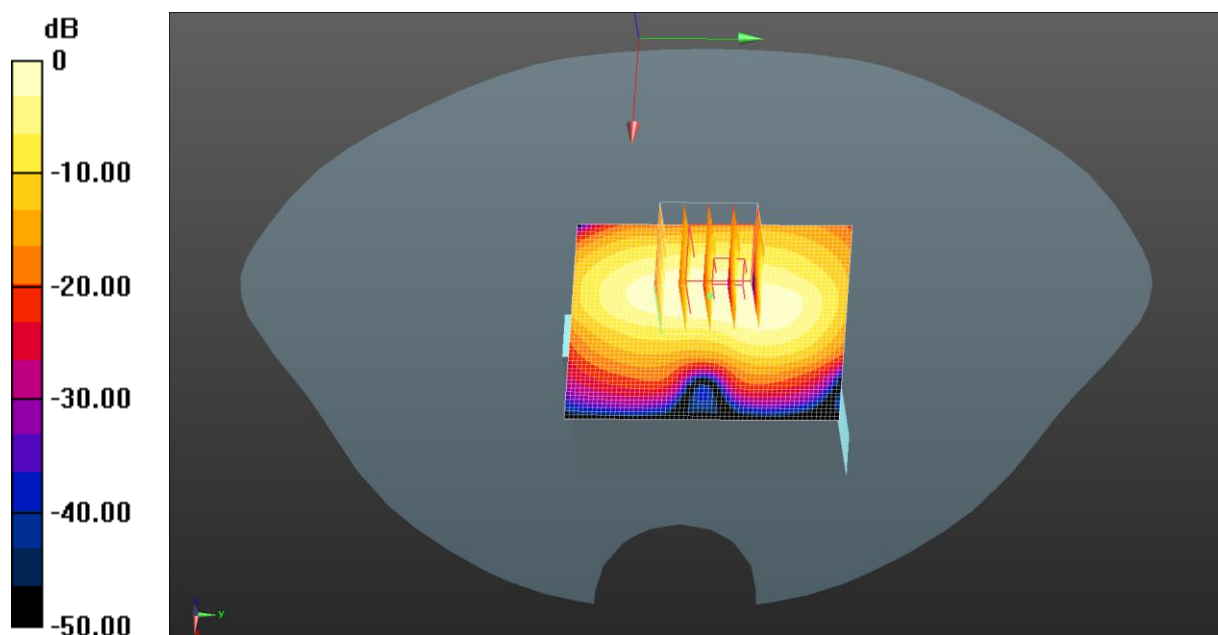
Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.113 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 36.2%

Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 2560 MHz; Duty Cycle: 1:7.67361

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 37.852$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2560 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n7 50%RB(20MHz) Flip Left/High Channel/Area Scan (61x61x1):Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

NR n7 50%RB(20MHz) Flip Left/High Channel/Zoom Scan (7x7x7)/Cube 0:Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.52 V/m; Power Drift = 0.08 dB

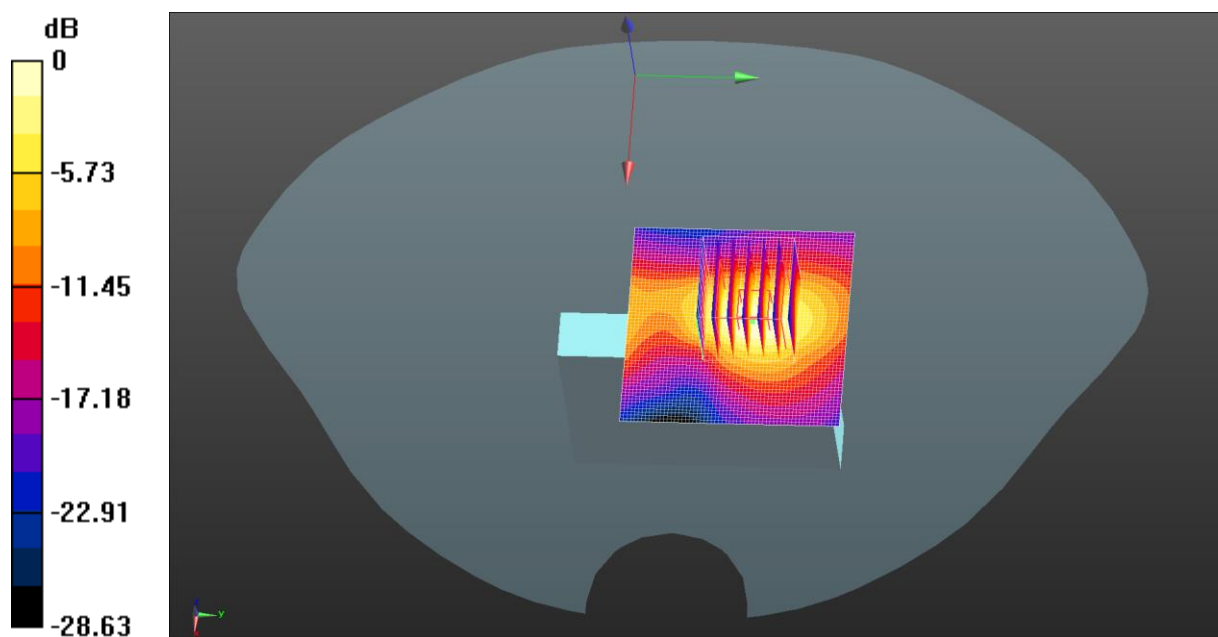
Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.373 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 43%

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



0 dB = 1.57 W/kg = 1.96 dBW/kg

Test Laboratory: JYTSZ

Date: 04.17.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.936$ S/m; $\epsilon_r = 37.804$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

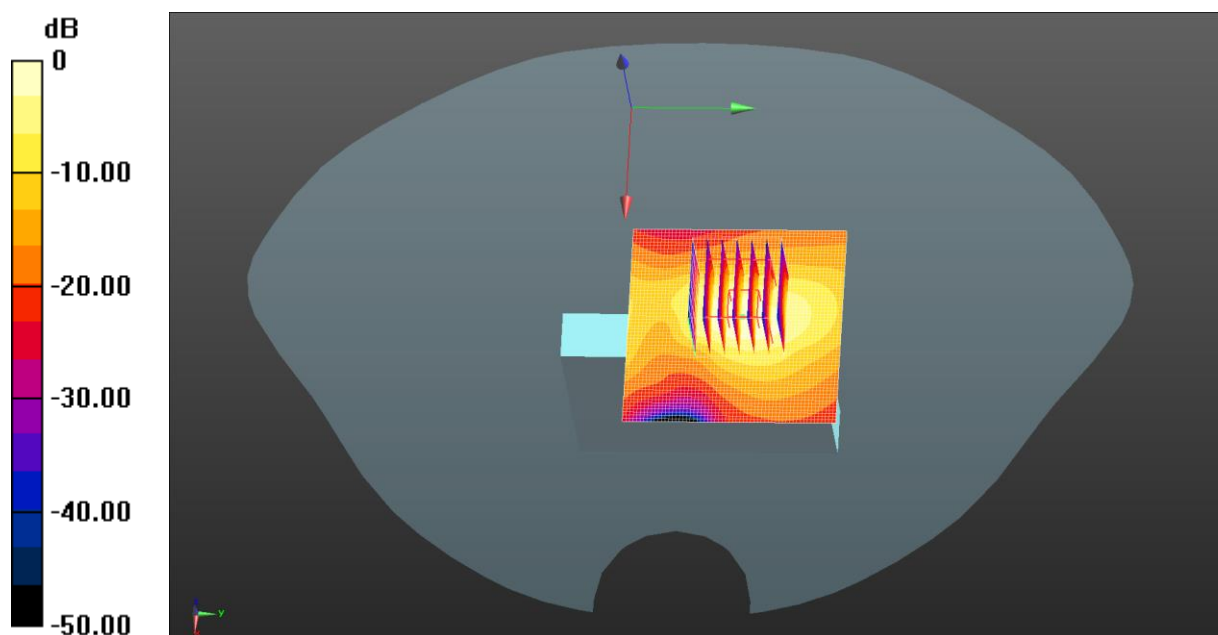
- Probe: EX3DV4 - SN3924; ConvF(7.41, 7.41, 7.41) @ 2592.99 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n41 50%RB(100MHz) Flip Left/Middle Channel/Area Scan (61x61x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.45 W/kg

NR n41 50%RB(100MHz) Flip Left/Middle Channel/Zoom Scan (7x7x7)/Cube

0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 12.68 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.980 W/kg; SAR(10 g) = 0.379 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 44.3%
Maximum value of SAR (measured) = 1.81 W/kg



0 dB = 1.45 W/kg = 1.62 dBW/kg

Test Laboratory: JYTSZ

Date: 04.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 1730 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1730$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 39.142$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(8.52, 8.52, 8.52) @ 1730 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n66 1RB(40MHz) Flip Left/Low Channel/Area Scan (51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.644 W/kg

NR n66 1RB(40MHz) Flip Left/Low Channel/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 15.32 V/m; Power Drift = 0.01 dB

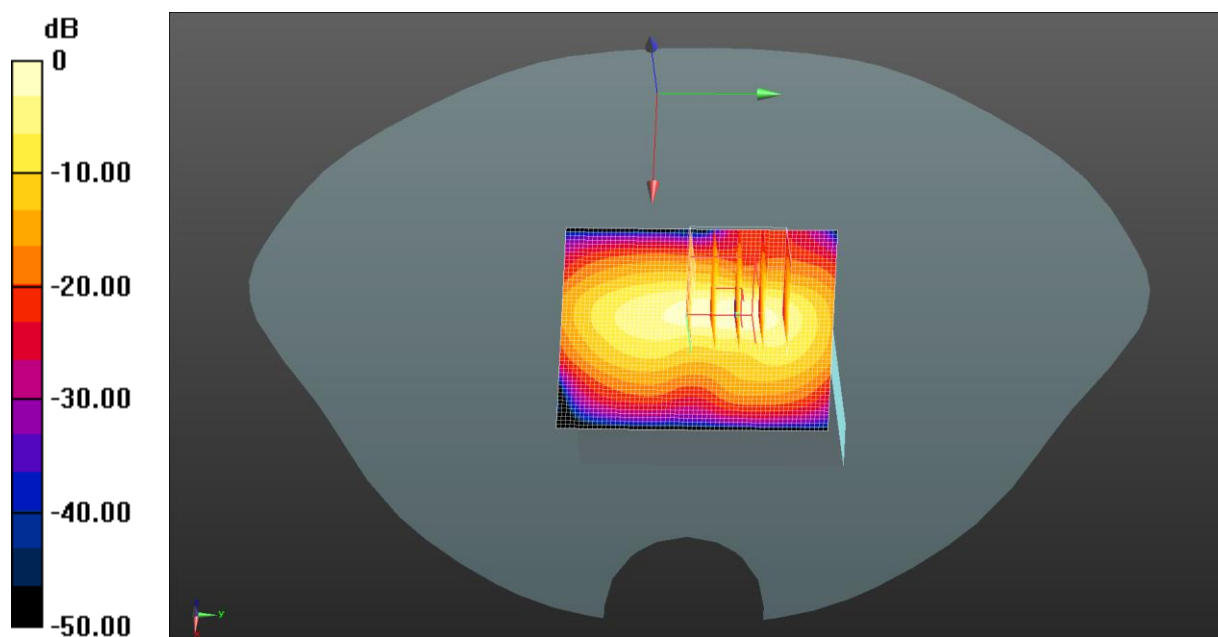
Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.129 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 41.3%

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



Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 3600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3600$ MHz; $\sigma = 2.991$ S/m; $\epsilon_r = 37.039$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.96, 6.96, 6.96) @ 3600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 1RB(100MHz) Flip Left(3550-3700)/Low Channel/Area Scan**(61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

NR n77 1RB(100MHz) Flip Left(3550-3700)/Low Channel/Zoom Scan**(7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 1.437 V/m; Power Drift = 0.11 dB

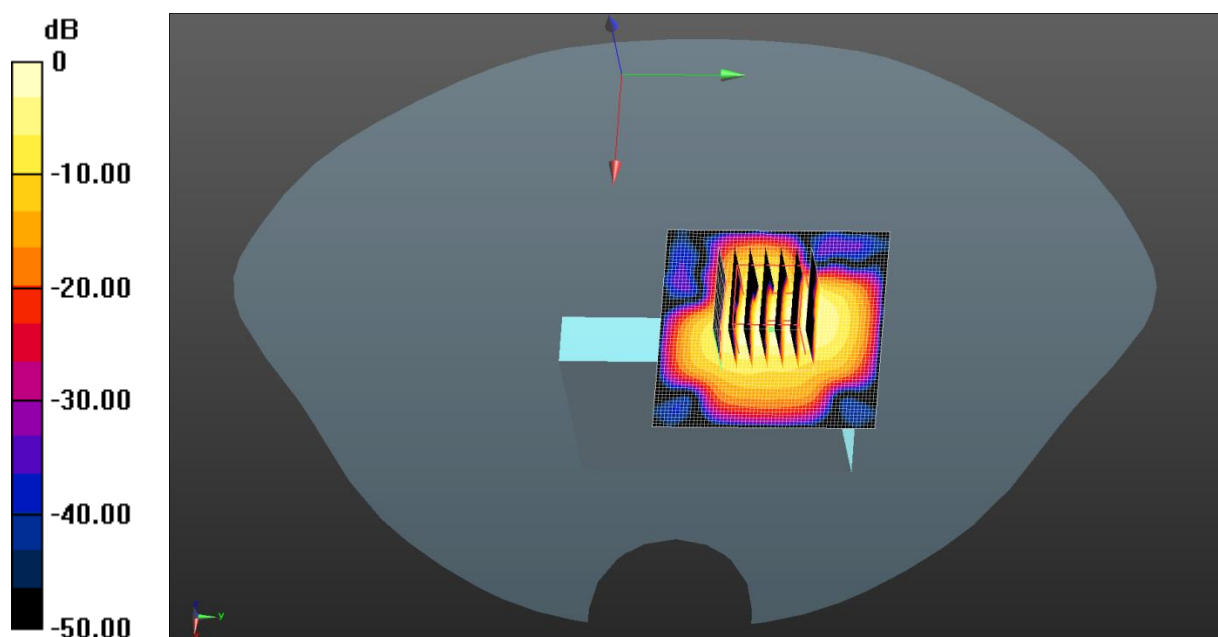
Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.024 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 36.2%

Maximum value of SAR (measured) = 0.182 W/kg



Test Laboratory: JYTSZ

Date: 04.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, NR (0); Frequency: 3750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3750$ MHz; $\sigma = 3.144$ S/m; $\epsilon_r = 36.868$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(6.7, 6.7, 6.7) @ 3750 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR n77 1RB(100MHz) Flip Left(3700-3980)/Low Channel/Area Scan**(61x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.214 W/kg

NR n77 1RB(100MHz) Flip Left(3700-3980)/Low Channel/Zoom Scan**(7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 0.6540 V/m; Power Drift = 0.03 dB

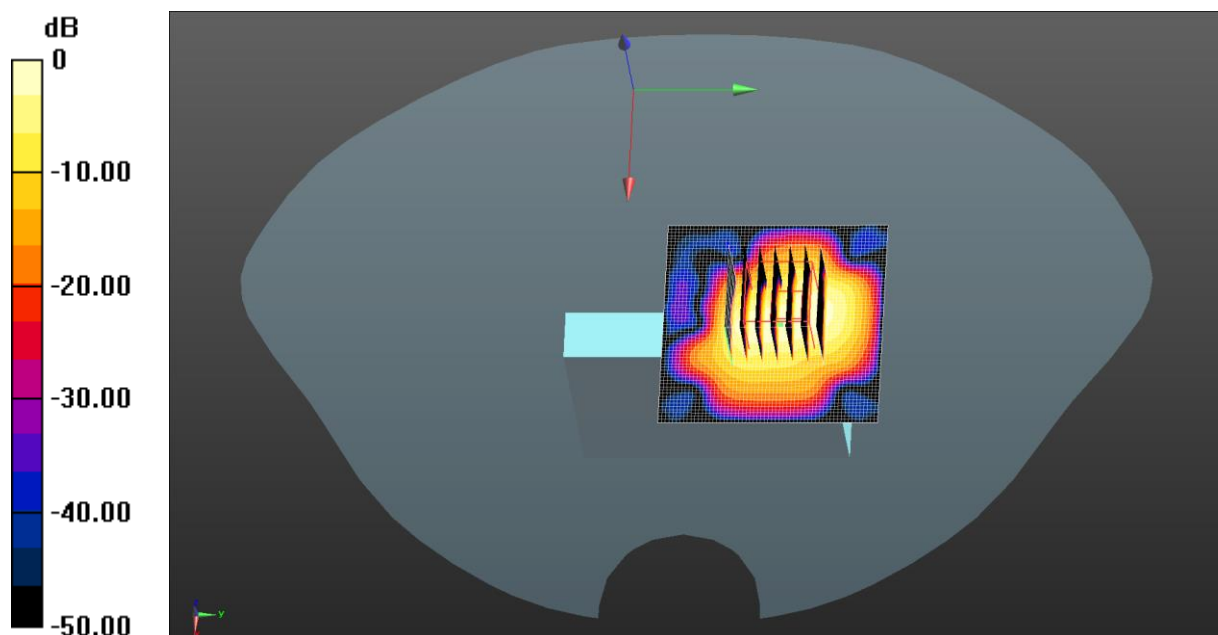
Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.035 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 33.8%

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.214 W/kg = -6.69 dBW/kg

Test Laboratory: JYTSZ

Date: 05.18.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.621$ S/m; $\epsilon_r = 36.761$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Flip Left/Middle Channel/Area Scan (61x81x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.302 W/kg

5.2G WiFi Flip Left/Middle Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.966 V/m; Power Drift = 0.01 dB

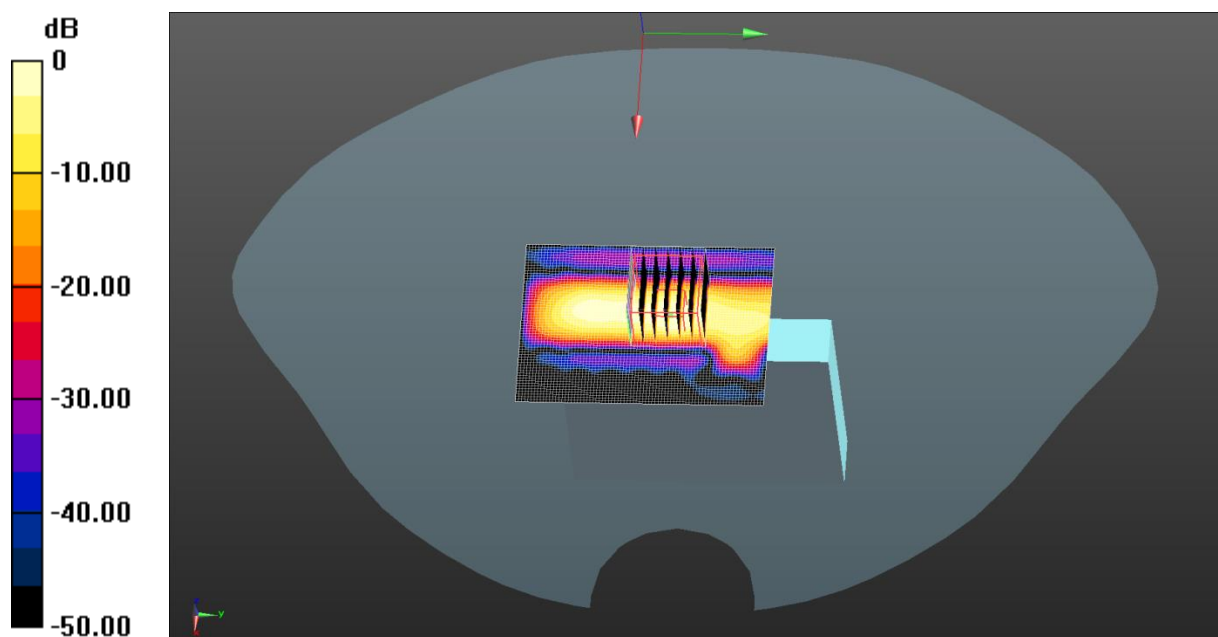
Peak SAR (extrapolated) = 0.766 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

Test Laboratory: JYTSZ

Date: 05.24.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, IEEE 802.11 n20 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.257$ S/m; $\epsilon_r = 36.047$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.93, 4.93, 4.93) @ 5825 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Flip Left/High Channel/Area Scan (71x91x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.357 W/kg

5.8G WiFi Flip Left/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.289 V/m; Power Drift = 0.09 dB

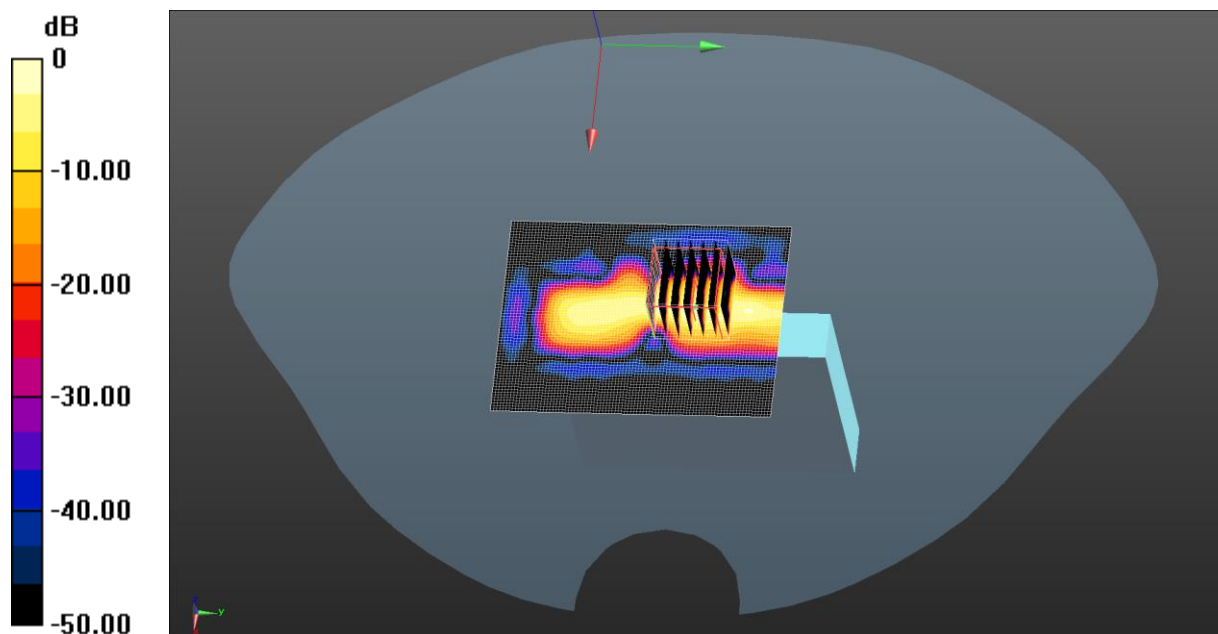
Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.026 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.385 W/kg = -4.15 dBW/kg

Test Laboratory: JYTSZ

Date: 05.07.2024

DUT: Mobile Phone; Type: AE11; Serial: SZR142400021-2

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 38.049$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1452; Calibrated: 03.26.2024
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP:1765
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Closed Bottom/Middle Channel/Area Scan (51x71x1): Interpolated grid:
 $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.0162 W/kg

Bluetooth Closed Bottom/Middle Channel/Zoom Scan (7x7x7)/Cube 0:

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

Reference Value = 1.963 V/m; Power Drift = -0.20 dB

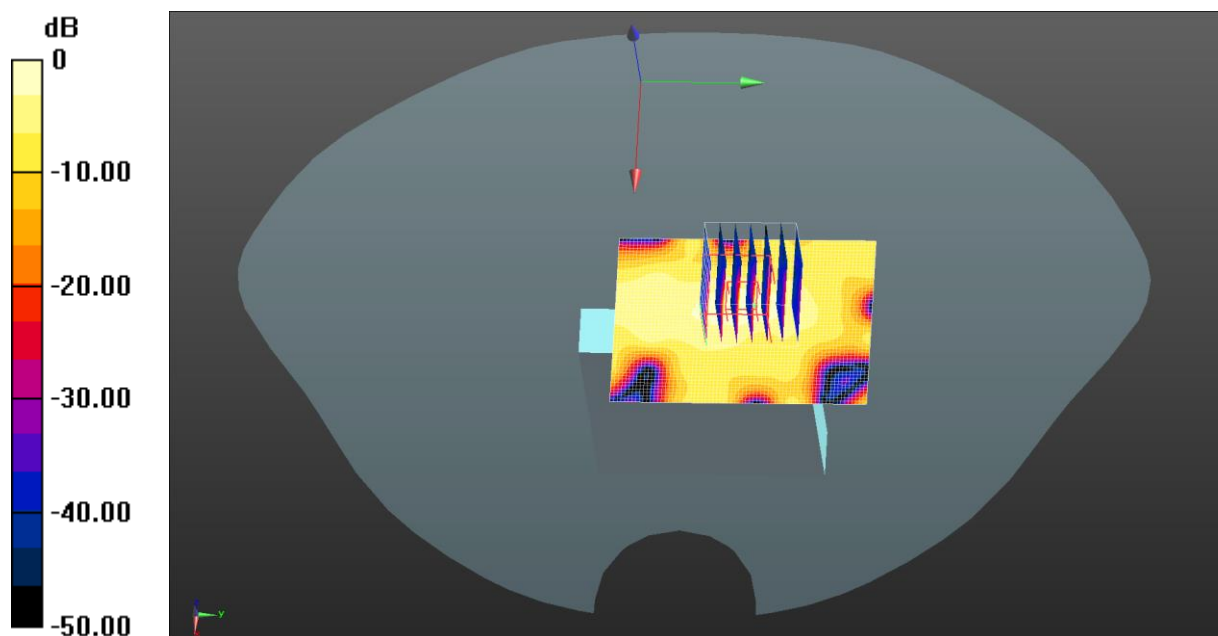
Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.00914 W/kg; SAR(10 g) = 0.00457 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 45.9%

Maximum value of SAR (measured) = 0.0168 W/kg



0 dB = 0.0162 W/kg = -17.91 dBW/kg

-----End of Report-----