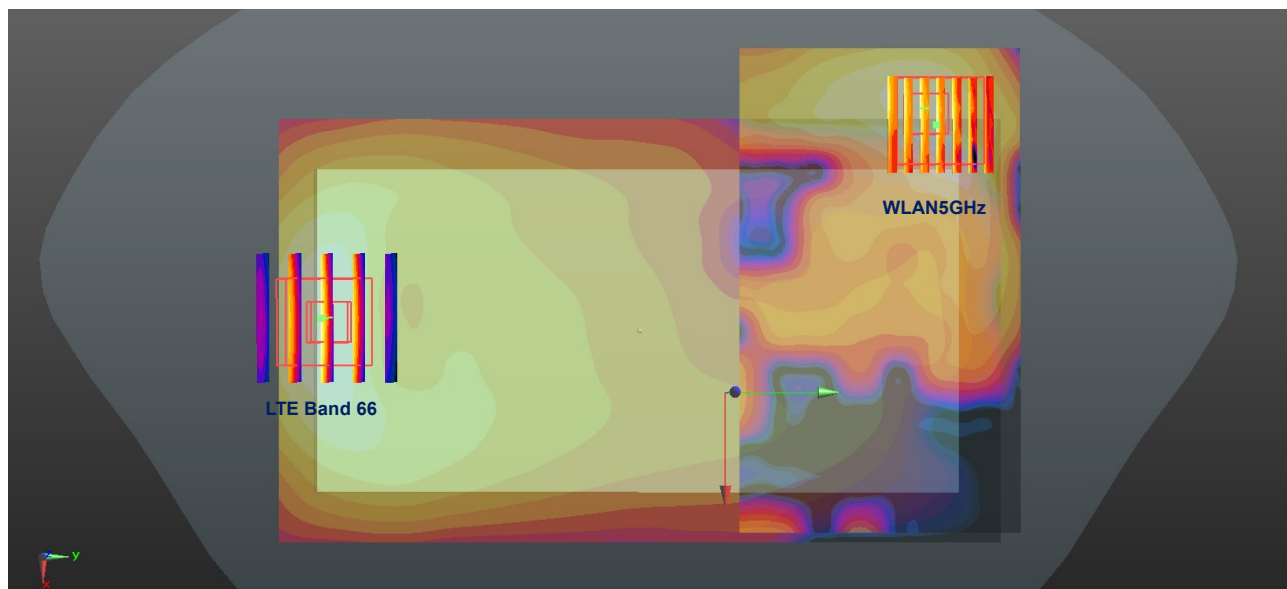
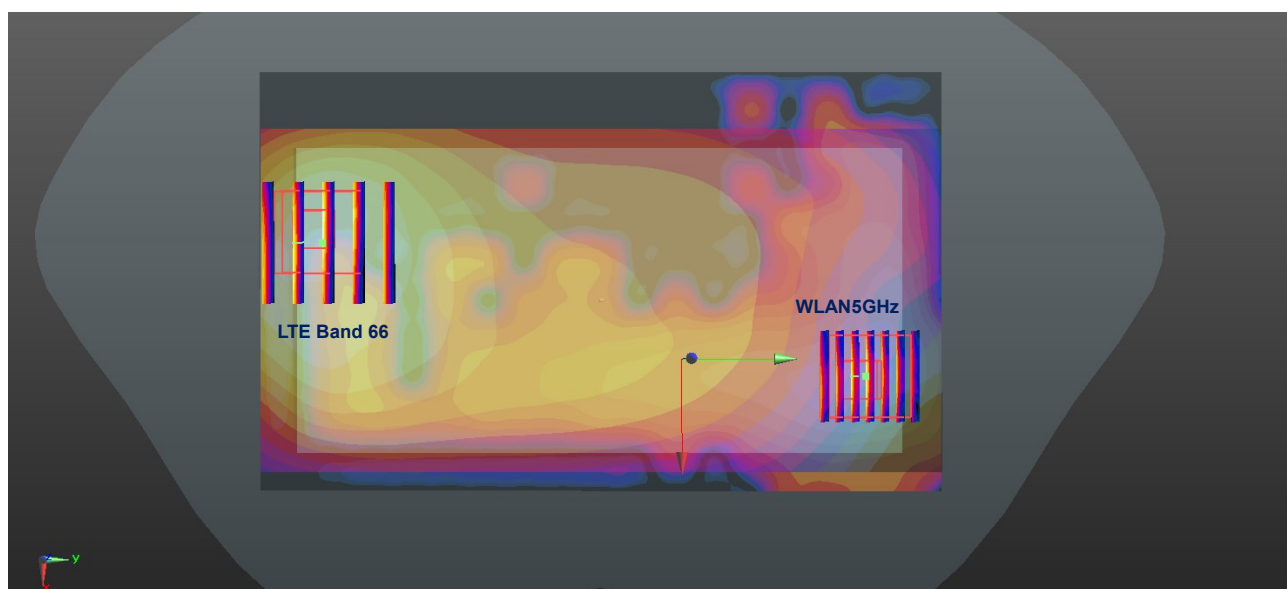


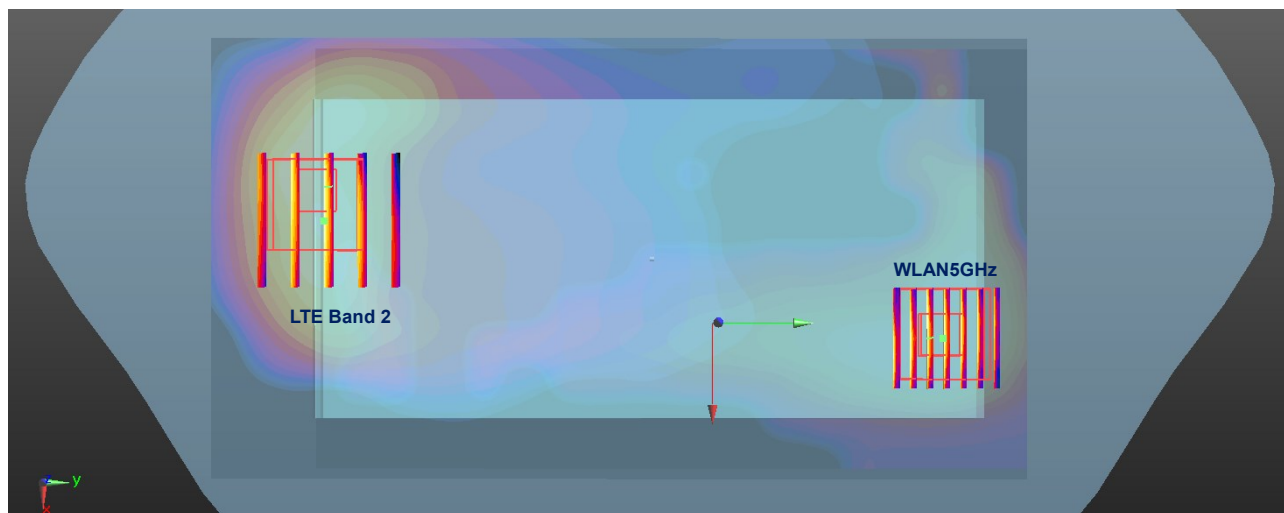
Case #17	Band	Position	1g SAR (W/kg)	Gap (mm)	SAR peak location (cm)			3D distance (mm)	Summed 1g SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 66	Front	1.168	5	-0.14	-7.63	-0.12	157.3	1.76	0.01	Not required
	WLAN5GHz		0.593	5	-5.26	7.24	-0.12				



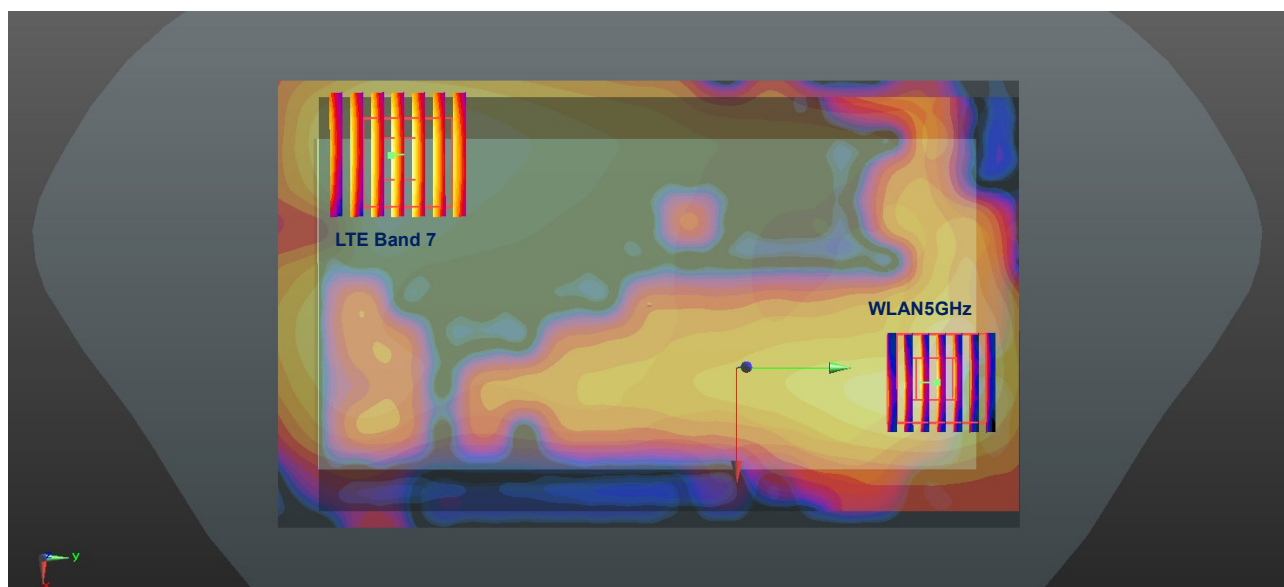
Case #18	Band	Position	1g SAR (W/kg)	Gap (mm)	SAR peak location (cm)			3D distance (mm)	Summed 1g SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 66	Back	1.168	5	-1.37	-8.25	-0.11	152.8	2.33	0.02	Not required
	WLAN5GHz		1.158	5	1.9	6.68	-0.1				



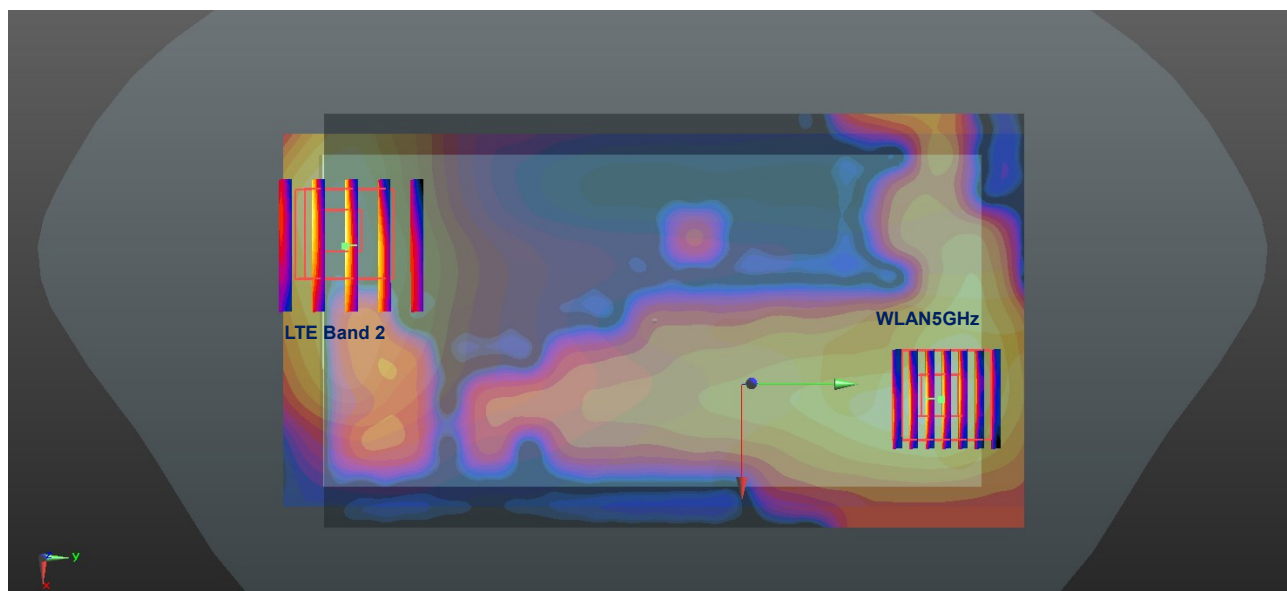
Case #19	Band	Position	1g SAR (W/kg)	Gap (mm)	SAR peak location (cm)			3D distance (mm)	Summed 1g SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 2	Back	1.125	5	X	Y	Z	149.4	2.28	0.02	Not required
	WLAN5GHz		1.158	5	1.9	6.68	-0.1				



Case #20	Band	Position	1g SAR (W/kg)	Gap (mm)	SAR peak location (cm)			3D distance (mm)	Summed 1g SAR (W/kg)	SPLSR Results	Simultaneous SAR
	LTE Band 7	Back	0.648	5	X	Y	Z	140.4	1.81	0.02	Not required
	WLAN5GHz		1.158	5	1.9	6.68	-0.1				



Case #21	Band	Position	10g SAR (W/kg)	Gap (mm)	SAR peak location (cm)			3D distance (mm)	Summed 10g SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
	LTE Band 2	Back	3.480	0	-2.12	-7.66	-0.08	148.7	4.00	0.05	Not required
	WLAN5GHz		0.515	0	1.78	6.69	-0.1				



17. Supplemental Tuner Tests Results

General Note:

1. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values. The additional tuner hardware has no influence to the antenna characteristics, other than impedance matching.
2. This device implements antenna tuning techniques for several WWAN operating modes and frequencies for the purpose of improving antenna efficiency over a broad range of frequencies. Specifically, these techniques are employed in the GSM1900, WCDMA B2 / B5, CDMA BC0 / BC1 and LTE B2 / B4 / B5 / B7 / B13 / B66 modes of WWAN antenna 1, and GSM1900 only GSM mode supports antenna tuning technique.
3. To evaluate all of the tuner states, the 144 tuner states for GSM1900, WCDMA B2 / B5, CDMA BC0 / BC1 and LTE B2 / B4 / B5 / B13 / B66 of WWAN antenna 1 are divided evenly among band, mode and exposure combinations so that at least one single point SAR measurement is measured in each configuration. Single point time-sweep measurements will be performed at the peak SAR location determined by the zoom scan of the configuration with the highest reported SAR for each combination. The tuner state will be established remotely so that the device is not moved for the entire series of single point SAR for the tuner states in each combination. The SAR probe will remain stationary at the same position throughout the entire series of single point measurements for each combination. The bands which are dynamically tuned are split into two separate antennas, so each antenna system will have its own test plan to cover the corresponding 144 tuner states for GSM1900, WCDMA B2 / B5, CDMA BC0 / BC1 and LTE B2 / B4 / B5 / B13 / B66 of WWAN antenna 1.
4. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.
5. The device supports both LTE B4 and B66. Since the supported frequency span for LTE B4 falls completely within the supported frequency span for LTE B66 and both bands have the same target power and both LTE bands share the same transmission path, therefore standalone SAR and antenna tuner single point SAR measurement was only assessed for LTE B66.

**17.1 Supplemental Head SAR Results**

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	1	10	19	28	37	46	55	64	73	82	91	100	109	118	127	136
GSM1900	GSM(1Tx slot)	810	1909.8	N/A	N/A	Right Cheek	0mm	0.124	0.124	0.107	0.096	0.098	0.087	0.059	0.094	0.086	0.073	0.104	0.093	0.0476	0.096	0.076	0.073	0.069
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 6)	2	11	20	29	38	47	56	65	74	83	92	101	110	119	128	137
WCDMA Band V	RMC12.2Kbps	4182	836.4	N/A	N/A	Left Cheek	0 mm	0.056	0.014	0.056	0.022	0.012	0.009	0.003	0.008	0.052	0.024	0.004	0.011	0.048	0.015	0.005	0.034	0.033
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	3	12	21	30	39	48	57	66	75	84	93	102	111	120	129	138
WCDMA Band II	RMC12.2Kbps	9538	1907.6	N/A	N/A	Right Cheek	0 mm	0.34	0.242	0.21	0.19	0.186	0.105	0.226	0.178	0.165	0.087	0.2	0.18	0.098	0.183	0.153	0.144	0.163
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 54)	4	13	22	31	40	49	58	67	76	85	94	103	112	121	130	139
CDMA2000 BC0	RC3 SO55	777	848.31	N/A	N/A	Left Cheek	0 mm	0.083	0.039	0.051	0.021	0.013	0.007	0.009	0.047	0.05	0.018	0.007	0.041	0.037	0.007	0.006	0.072	0.028
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	5	14	23	32	41	50	59	68	77	86	95	104	113	122	131	140
CDMA2000 BC1	RC3 SO55	1175	1908.75	N/A	N/A	Right Cheek	0 mm	0.272	0.16	0.234	0.197	0.211	0.13	0.249	0.21	0.194	0.113	0.223	0.199	0.106	0.206	0.188	0.17	0.094
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 91)	6	15	24	33	42	51	60	69	78	87	96	105	114	123	132	141
LTE Band 13	10M_QPSK	23230	782	1RB	0Offset	Left Cheek	0 mm	0.054	0.011	0.049	0.023	0.01	0.005	0.007	0.008	0.041	0.031	0.008	0.011	0.047	0.009	0.002	0.01	0.044
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 56)	7	16	25	34	43	52	61	70	79	88	97	106	115	124	133	142
LTE Band 5	10M_QPSK	20525	836.5	1RB	25Offset	Left Cheek	0 mm	0.056	0.044	0.027	0.013	0.009	0.007	0.005	0.049	0.029	0.012	0.005	0.053	0.016	0.005	0.009	0.045	0.016
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 48)	8	17	26	35	44	53	62	71	80	89	98	107	116	125	134	143
LTE Band 66	20M_QPSK	132572	1770	1RB	0Offset	Right Cheek	0 mm	0.52	0.38	0.365	0.146	0.342	0.248	0.362	0.331	0.355	0.197	0.396	0.353	0.234	0.332	0.305	0.272	0.2
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144
LTE Band 2	20M_QPSK	19100	1900	1RB	0Offset	Right Cheek	0 mm	0.411	0.23	0.205	0.19	0.194	0.123	0.193	0.175	0.182	0.233	0.185	0.093	0.203	0.158	0.149	0.37	0.089

**17.2 Supplemental Body SAR Results**

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	1	10	19	28	37	46	55	64	73	82	91	100	109	118	127	136
GSM1900	GSM(1Tx slot)	810	1909.8	N/A	N/A	Back	5 mm	1.88	1.88	1.72	1.49	1.61	1.45	1.09	1.54	1.56	1.3	1.68	1.49	0.821	1.47	1.29	1.23	1.475
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 6)	2	11	20	29	38	47	56	65	74	83	92	101	110	119	128	137
WCDMA Band V	RMC12.2Kbps	4233	846.6	N/A	N/A	Back	5 mm	0.856	0.242	0.785	0.26	0.15	0.122	0.092	0.83	0.402	0.073	0.305	0.473	0.09	0.112	0.739	0.231	0.015
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	3	12	21	30	39	48	57	66	75	84	93	102	111	120	129	138
WCDMA Band II	RMC12.2Kbps	9538	1907.6	N/A	N/A	Back	5 mm	0.445	0.375	0.336	0.31	0.31	0.178	0.356	0.301	0.277	0.153	0.334	0.298	0.163	0.295	0.258	0.245	0.268
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 54)	4	13	22	31	40	49	58	67	76	85	94	103	112	121	130	139
CDMA2000 BC0	RC3 SO32 (F+SCH)	777	848.31	N/A	N/A	Back	5 mm	1.03	0.492	0.508	0.231	0.146	0.104	0.121	0.854	0.237	0.092	0.968	0.277	0.087	0.384	0.538	0.197	0.099
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	5	14	23	32	41	50	59	68	77	86	95	104	113	122	131	140
CDMA2000 BC1	RC3 SO32 (F+SCH)	25	1851.25	N/A	N/A	Back	5 mm	0.22	0.189	0.17	0.143	0.158	0.093	0.175	0.151	0.14	0.081	0.166	0.148	0.091	0.149	0.134	0.124	0.074
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 92)	6	15	24	33	42	51	60	69	78	87	96	105	114	123	132	141
LTE Band 13	10M_QPSK	23230	782	1RB	0Offset	Back	5 mm	0.784	0.277	0.768	0.293	0.217	0.161	0.119	0.691	0.466	0.135	0.426	0.554	0.146	0.174	0.778	0.457	0.175
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 86)	7	16	25	34	43	52	61	70	79	88	97	106	115	124	133	142
LTE Band 5	10M_QPSK	20525	836.5	1RB	25Offset	Back	5 mm	0.736	0.65	0.329	0.165	0.047	0.088	0.5	0.461	0.172	0.068	0.623	0.198	0.073	0.645	0.304	0.114	0.073
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 108)	8	17	26	35	44	53	62	71	80	89	98	107	116	125	134	143
LTE Band 66	20M_QPSK	132072	1720	1RB	0Offset	Front	5 mm	0.795	0.746	0.721	0.618	0.709	0.521	0.721	0.683	0.72	0.748	0.714	0.675	0.492	0.664	0.625	0.57	0.418
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Average Value of Time Sweep (W/kg)																
								Auto-Tune (State 1)	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144
LTE Band 2	20M_QPSK	19100	1900	1RB	0Offset	Back	5 mm	0.31	0.259	0.24	0.224	0.236	0.158	0.235	0.213	0.226	0.272	0.23	0.12	0.242	0.2	0.187	0.178	0.114

Test Engineer : Nick Hu

18. Uncertainty Assessment

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be $\leq 30\%$, for a confidence interval of $k = 2$. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. For this device, the highest measured 1-g SAR is less 1.5W/kg and highest measured 10-g SAR is less 3.75W/kg. Therefore, the measurement uncertainty table is not required in this report.

19. References

- [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] IEEE Std. 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", Sep 2013
- [4] SPEAG DASY System Handbook
- [5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.
- [6] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [7] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [8] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [9] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", Oct 2015.
- [10] FCC KDB 941225 D01 v03r01, "3G SAR MEAUREMENT PROCEDURES", Oct 2015
- [11] FCC KDB 941225 D05 v02r05, "SAR Evaluation Considerations for LTE Devices", Dec 2015
- [12] FCC KDB 941225 D05A v01r02, "Rel. 10 LTE SAR Test Guidance and KDB Inquiries", Oct 2015
- [13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.
- [14] FCC KDB 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015.



Appendix A. *Plots of System Performance Check*

The plots are shown as follows.

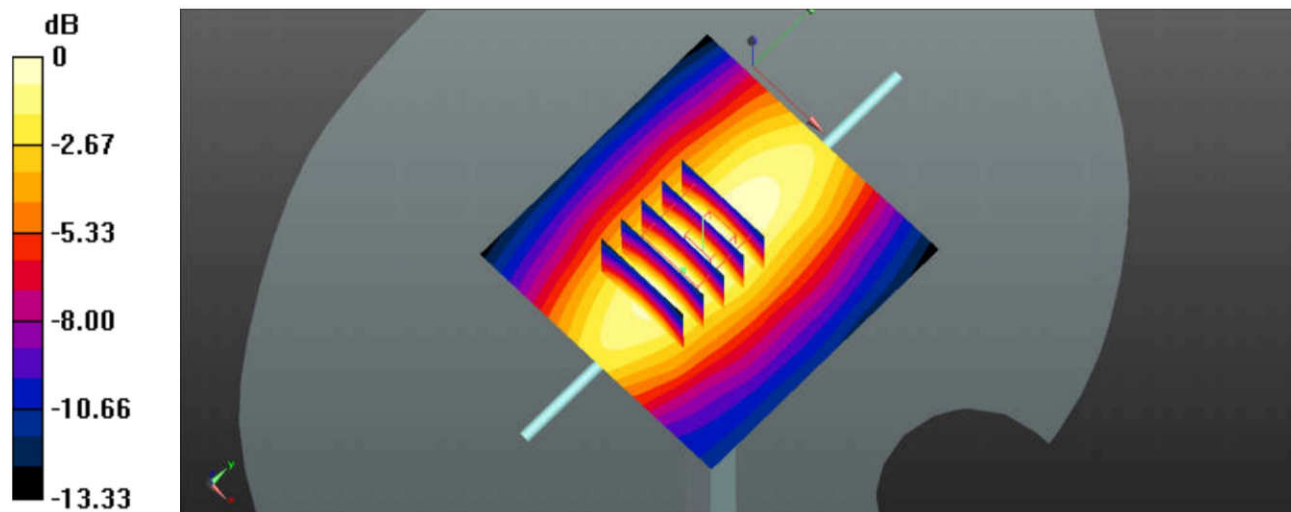
System Check_Head_750MHz**DUT: D750V3 - SN:1065**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 42.825$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.72, 10.72, 10.72); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$ Maximum value of SAR (interpolated) = 2.62 W/kg **Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 50.16 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 2.72 W/kg **SAR(1 g) = 2.11 W/kg ; SAR(10 g) = 1.49 W/kg** Maximum value of SAR (measured) = 2.50 W/kg 0 dB = 2.62 W/kg = 4.18 dBW/kg

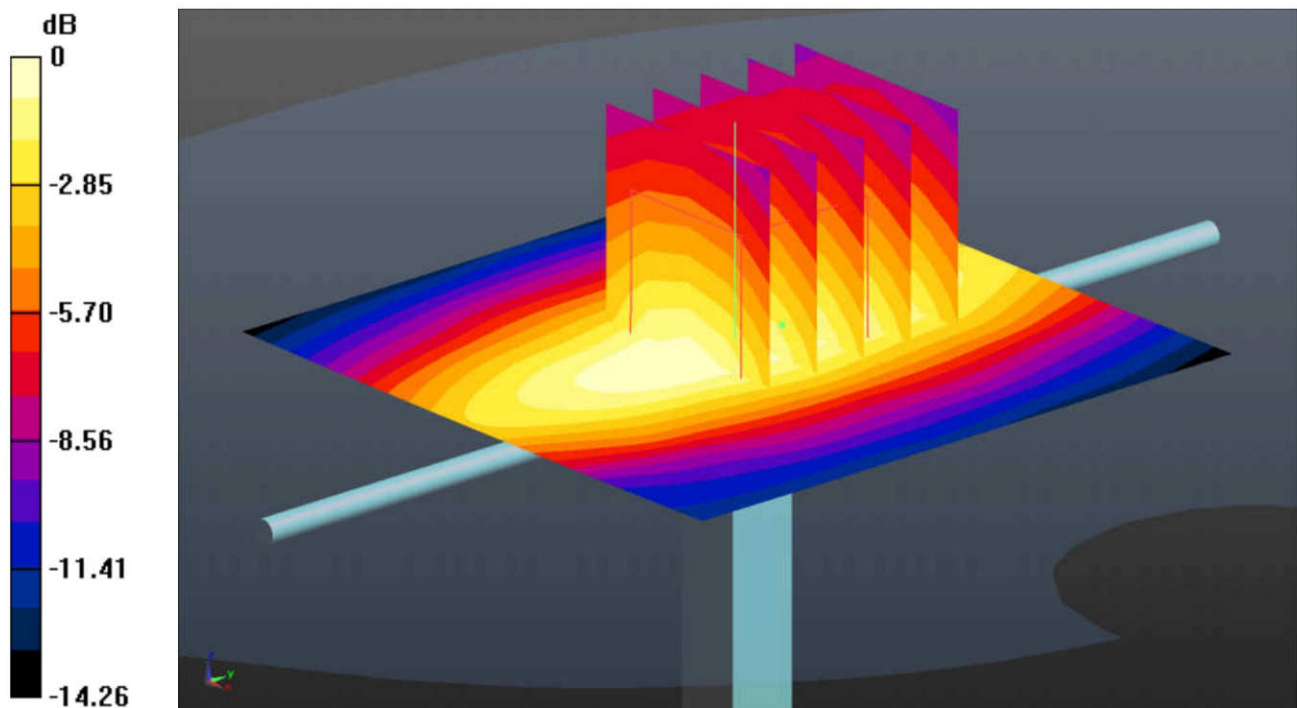
System Check_Head_835MHz**DUT: D835V2 - SN:4d091**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 42.198$; $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.2, 10.2, 10.2); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 2.90 W/kg **Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 52.31 V/m ; Power Drift = -0.01 dB Peak SAR (extrapolated) = 3.08 W/kg **SAR(1 g) = 2.32 W/kg ; SAR(10 g) = 1.62 W/kg** Maximum value of SAR (measured) = 2.79 W/kg 0 dB = 2.90 W/kg = 4.62 dBW/kg

System Check_Head_1750MHz**DUT: D1750V2 - SN:1069**

Communication System: UID 0, CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 39.218$; $\rho = 1000$ kg/m³

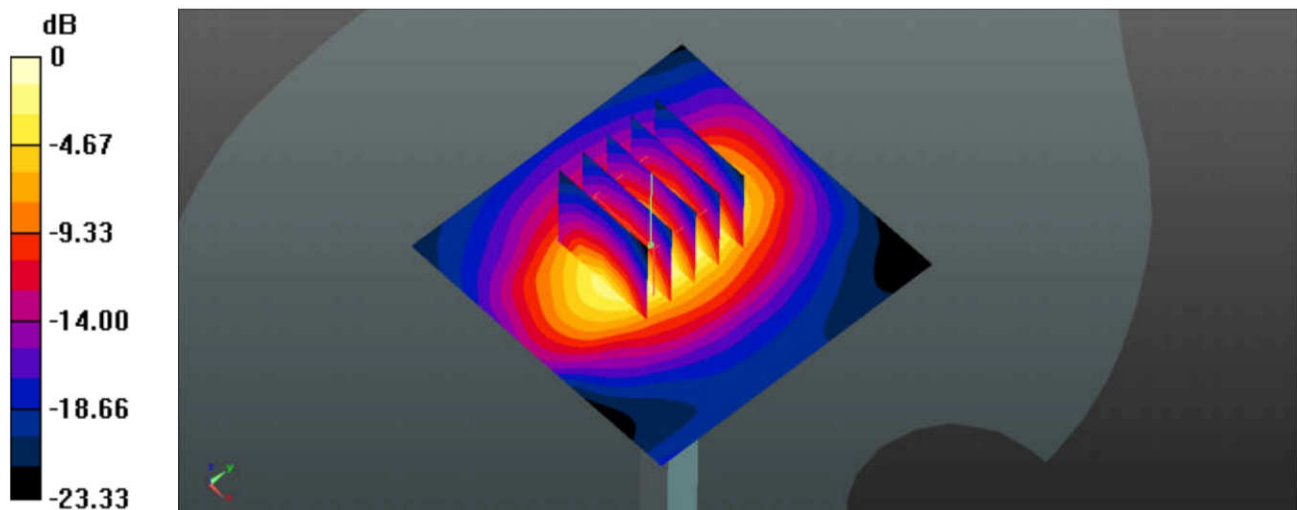
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.65, 8.65, 8.65); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.2 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 74.18 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 12.6 W/kg
SAR(1 g) = 8.62 W/kg; SAR(10 g) = 4.73 W/kg
Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 11.2 W/kg = 10.49 dBW/kg

System Check_Head_1900MHz**DUT: D1900V2 - SN:5d118**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 40.573$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.41, 8.41, 8.41); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.6 W/kg

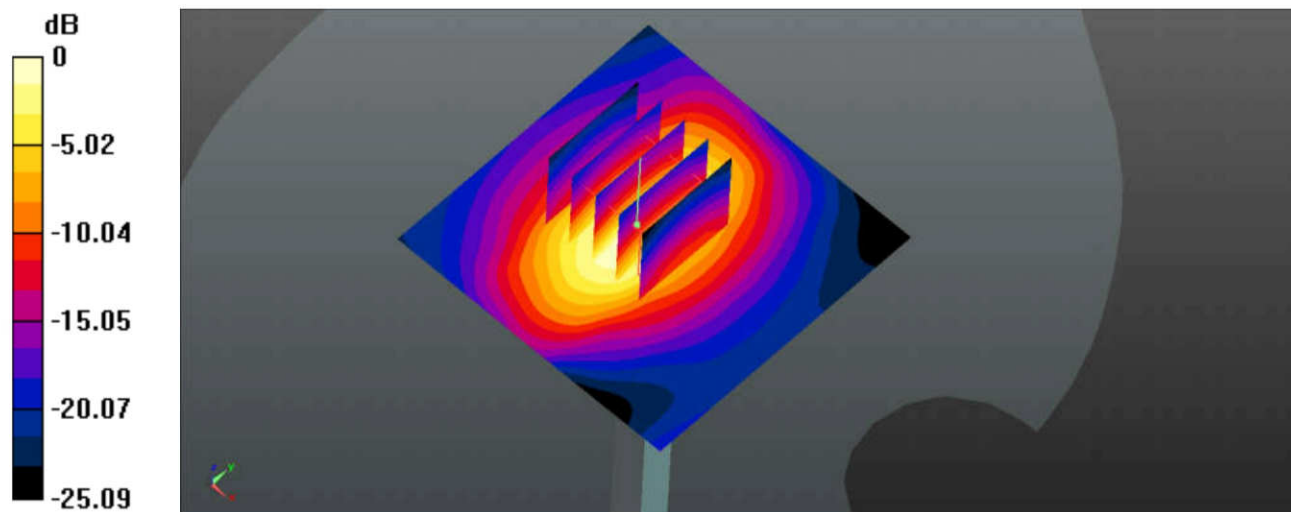
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 74.40 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 14.3 W/kg

SAR(1 g) = 9.05 W/kg; SAR(10 g) = 5.07 W/kg

Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

System Check_Head_2450MHz**DUT: D2450V2 - SN:840**

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 38.343$; $\rho = 1000$ kg/m³

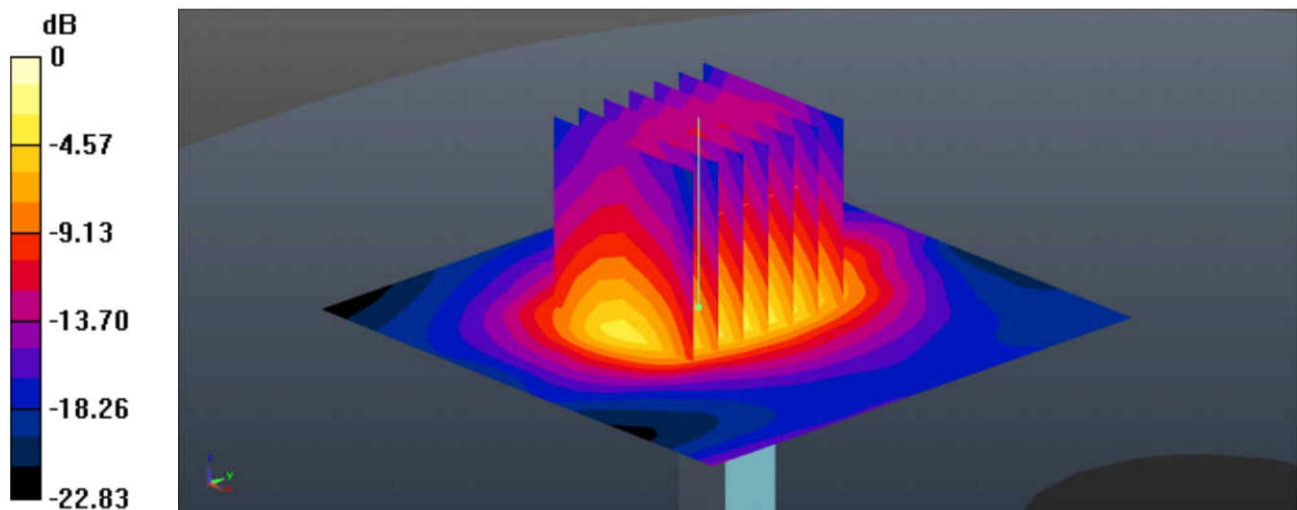
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.49, 7.49, 7.49); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 19.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 81.56 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 22.5 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 6.01 W/kg
Maximum value of SAR (measured) = 17.7 W/kg



0 dB = 19.4 W/kg = 12.88 dBW/kg

System Check_Head_2600MHz**DUT: D2600V2 - SN:1061**

Communication System: UID 0, CW; Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 37.741$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.31, 7.31, 7.31); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 11.5 W/kg

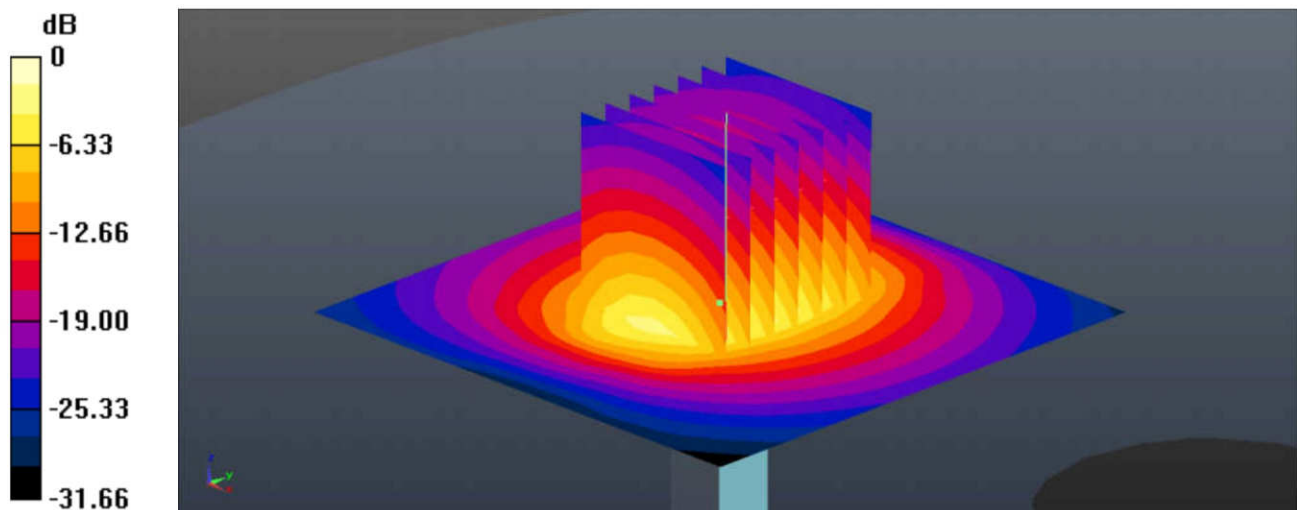
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 65.35 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 16.2 W/kg

SAR(1 g) = 13.23 W/kg; SAR(10 g) = 6.35 W/kg

Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

System Check_Head_5250MHz**DUT: D5GHzV2-SN:1006**

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.865$ S/m; $\epsilon_r = 37.109$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(5.2, 5.2, 5.2); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.7 W/kg

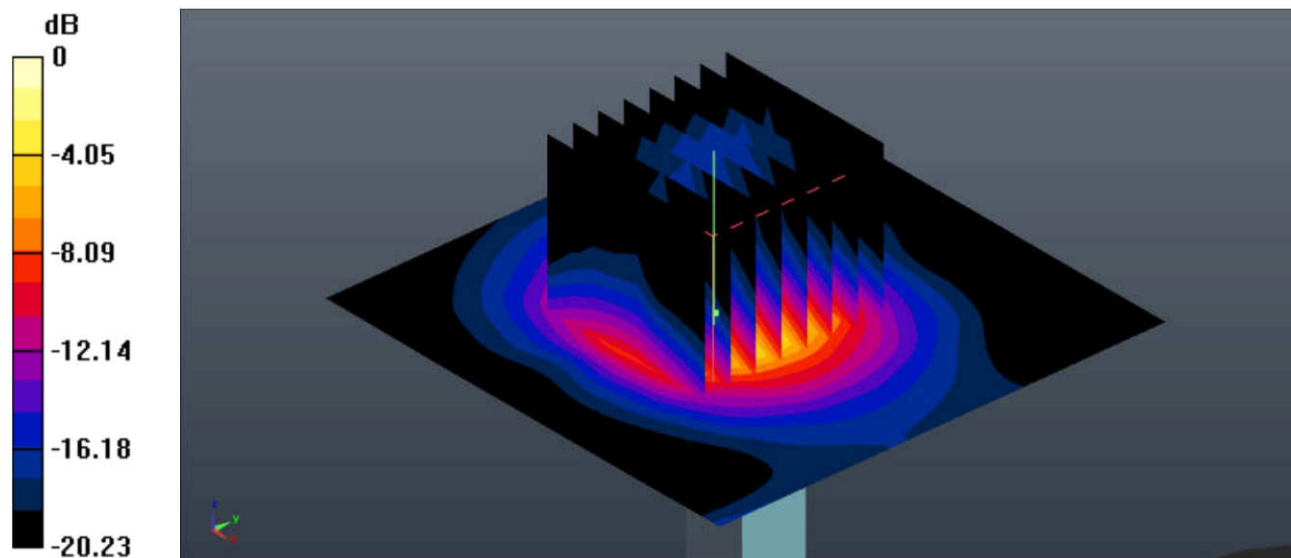
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 39.66 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 30.1 W/kg

SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.34 W/kg

Maximum value of SAR (measured) = 17.5 W/kg



0 dB = 17.7 W/kg = 12.48 dBW/kg

System Check_Head_5600MHz**DUT: D5GHzV2-SN:1006**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.207$ S/m; $\epsilon_r = 36.587$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.59, 4.59, 4.59); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.7 W/kg

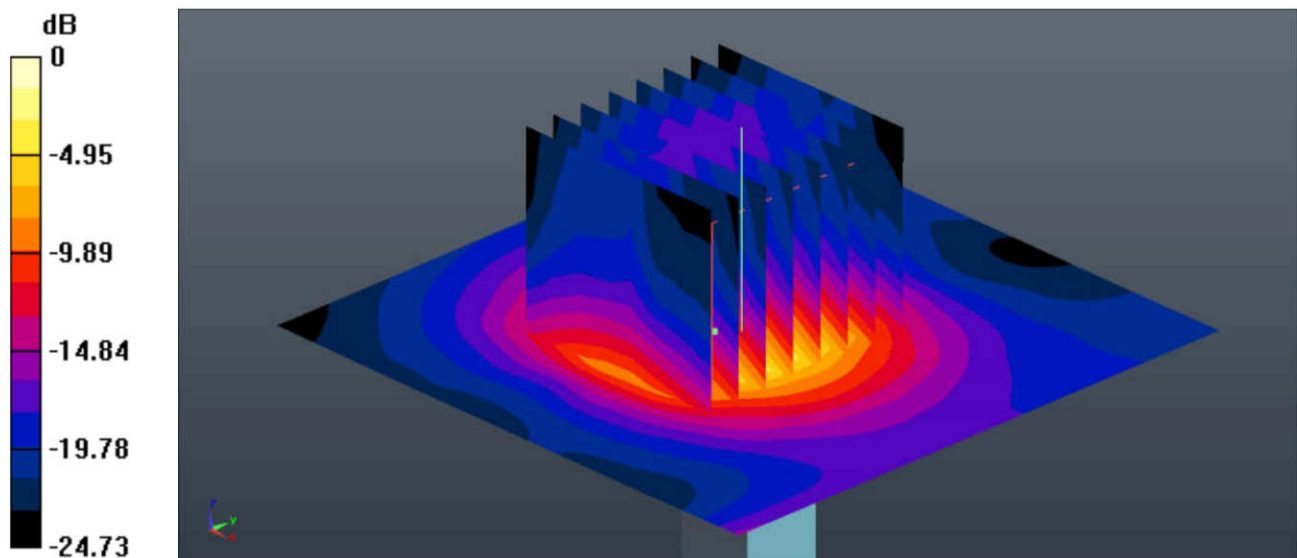
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 38.79 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 31.4 W/kg

SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.4 W/kg

Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

System Check_Head_5750MHz**DUT: D5GHzV2-SN:1006**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 36.365$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.74, 4.74, 4.74); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.2 W/kg

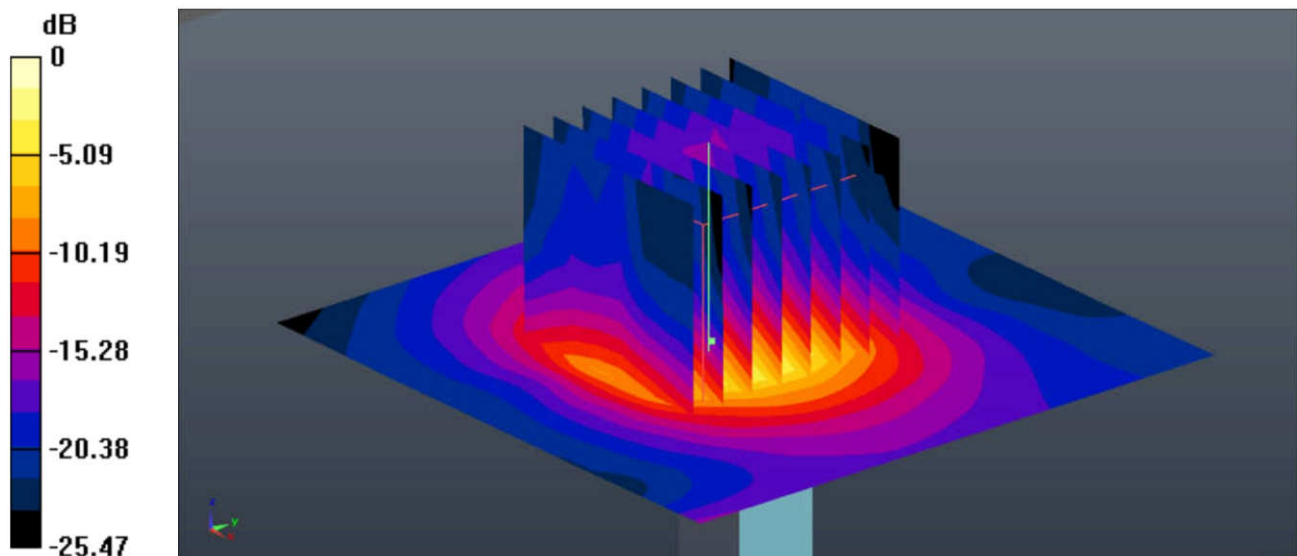
Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 36.37 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 30.4 W/kg

SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (measured) = 17.5 W/kg



0 dB = 17.2 W/kg = 12.36 dBW/kg

System Check_Body_750MHz**DUT: D750V3 - SN:1065**

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: MSL_750 Medium parameters used: $f = 750$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 56.659$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.21, 10.21, 10.21); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.65 W/kg

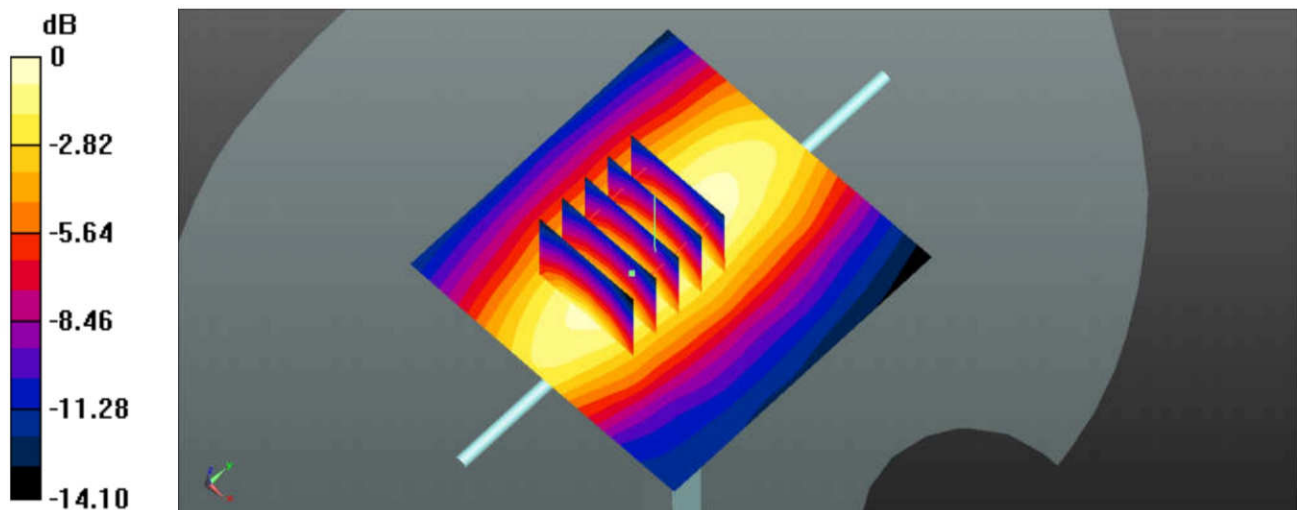
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.64 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

System Check_Body_835MHz**DUT: D835V2 - SN:4d091**

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL_835 Medium parameters used: $f = 835$ MHz; $\sigma = 0.972$ S/m; $\epsilon_r = 55.162$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.02, 10.02, 10.02); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

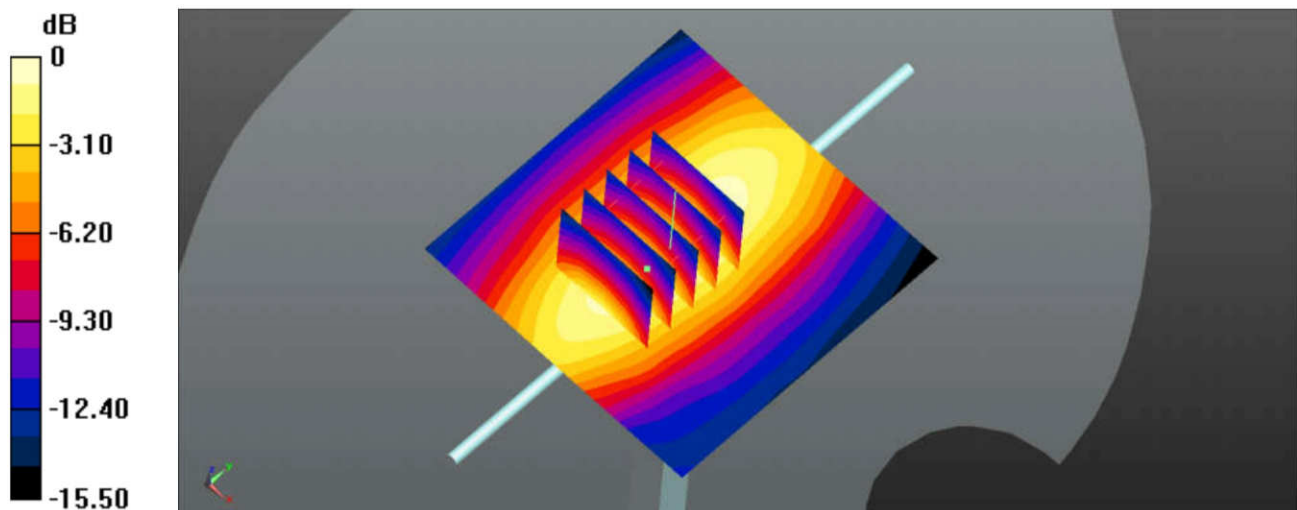
Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.09 W/kg**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.85 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.73 W/kg

Maximum value of SAR (measured) = 2.93 W/kg



0 dB = 3.09 W/kg = 4.90 dBW/kg

System Check_Body_1750MHz**DUT: D1750V2 - SN:1069**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 54.693$; $\rho = 1000$ kg/m³

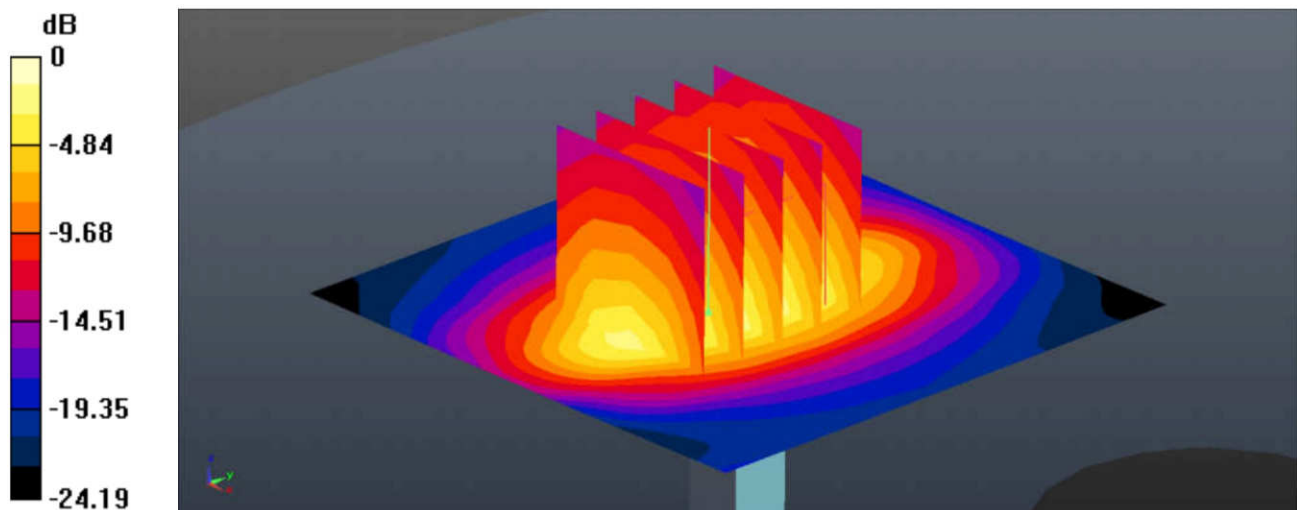
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.31, 8.31, 8.31); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.1 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 81.10 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 14.3 W/kg
SAR(1 g) = 8.72 W/kg; SAR(10 g) = 4.86 W/kg
Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

System Check_Body_1900MHz**DUT: D1900V2 - SN:5d118**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 52.808$; $\rho = 1000$ kg/m³

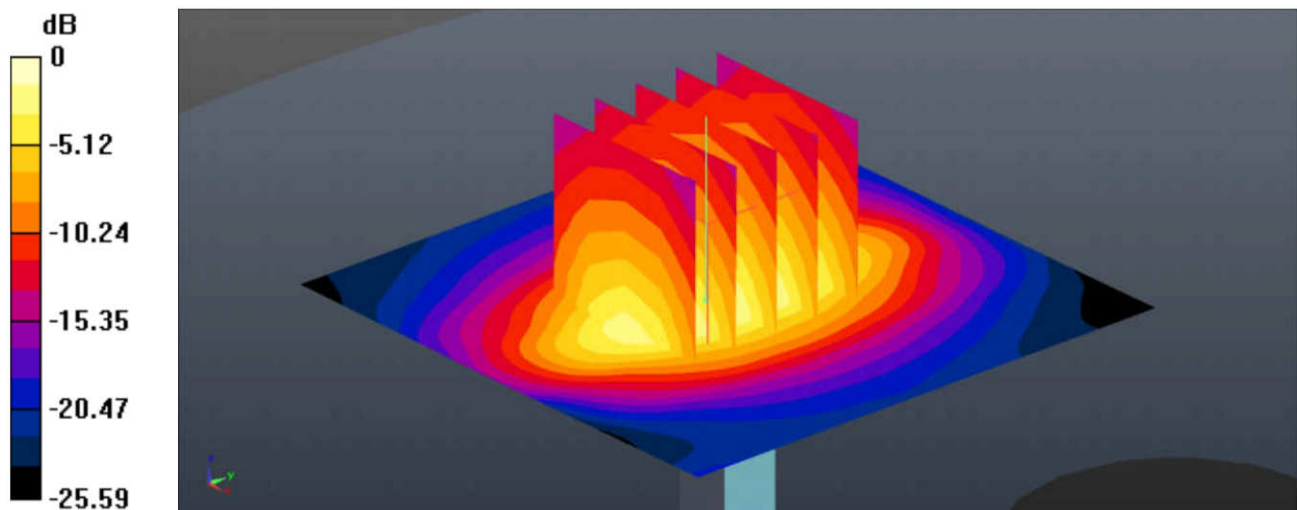
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(8.03, 8.03, 8.03); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.0 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 85.48 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.54 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

System Check_Body_1750MHz**DUT: D1750V2 - SN:1069**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.472$ S/m; $\epsilon_r = 52.961$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.15, 8.15, 8.15); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM1; Type: SAM; Serial: TP-1164
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.0 W/kg

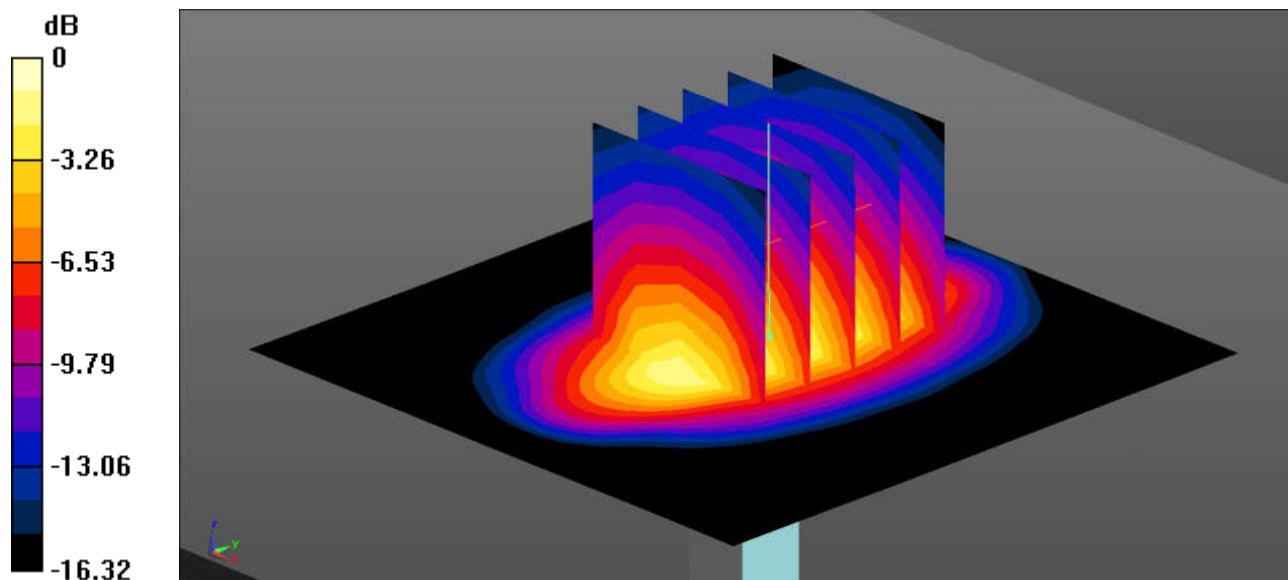
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.54 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 9.23 W/kg; SAR(10 g) = 5 W/kg

Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

System Check_Body_1900MHz**DUT: D1900V2 - SN:5d118**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.537$ S/m; $\epsilon_r = 53.469$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.82, 7.82, 7.82); Calibrated: 2018.5.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2018.5.28
- Phantom: SAM3; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 16.0 W/kg

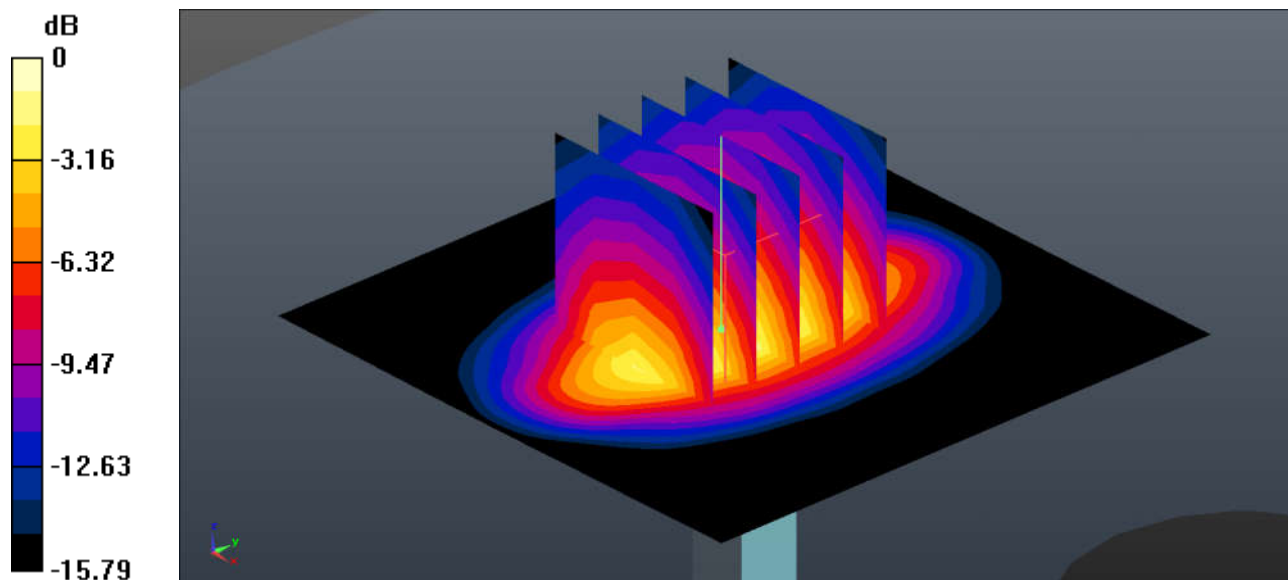
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 91.18 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 9.75 W/kg; SAR(10 g) = 5.41 W/kg

Maximum value of SAR (measured) = 16.0 W/kg



0 dB = 16.0 W/kg = 12.04 dBW/kg

System Check_Body_2450MHz**DUT: D2450V2 - SN:840**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL_2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.976$ S/m; $\epsilon_r = 53.443$; $\rho = 1000$ kg/m³

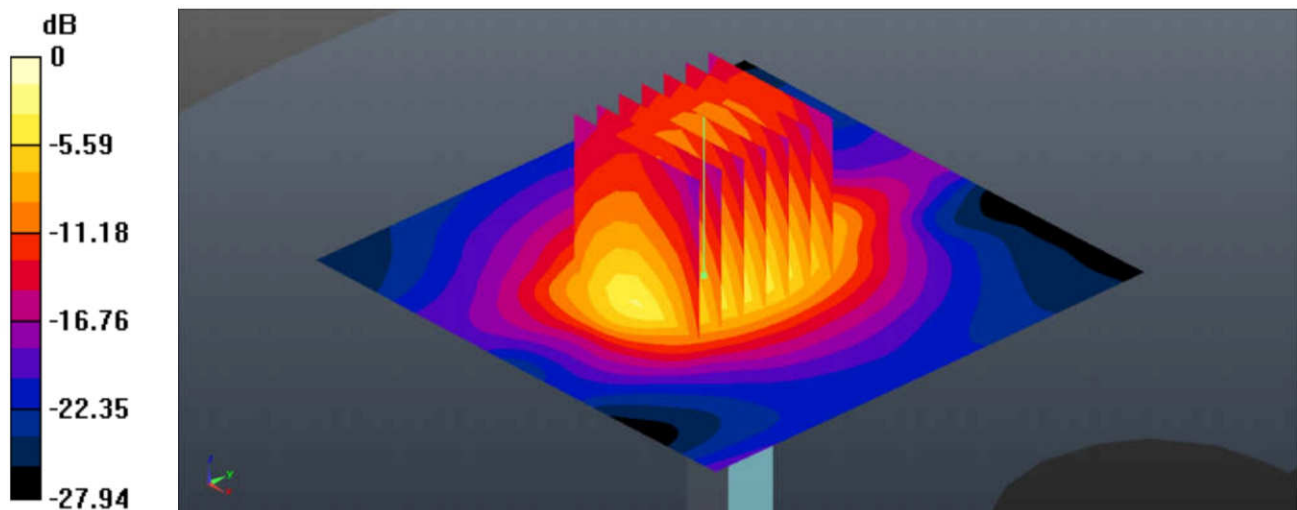
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.53, 7.53, 7.53); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 17.3 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 72.72 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 20.5 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 6.24 W/kg
Maximum value of SAR (measured) = 16.9 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

System Check_Body_2600MHz**DUT: D2600V2 - SN:1061**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: MSL_2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.186$ S/m; $\epsilon_r = 52.894$; $\rho = 1000$ kg/m³

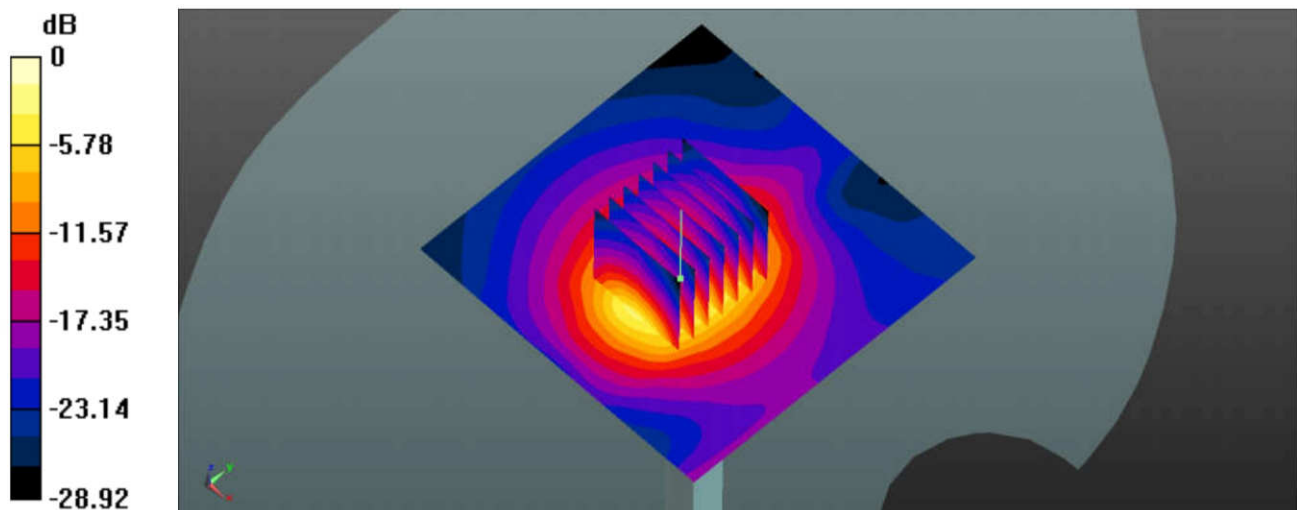
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(6.92, 6.92, 6.92); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM3; Type: SAM; Serial: TP-1839
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 22.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.25 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 28.7 W/kg
SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.67 W/kg
Maximum value of SAR (measured) = 21.9 W/kg



0 dB = 22.1 W/kg = 13.44 dBW/kg

System Check_Body_5250MHz**DUT: D5GHzV2-SN:1006**

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: MSL_5000 Medium parameters used: $f = 5250$ MHz; $\sigma = 5.506$ S/m; $\epsilon_r = 47.956$; $\rho = 1000$ kg/m³

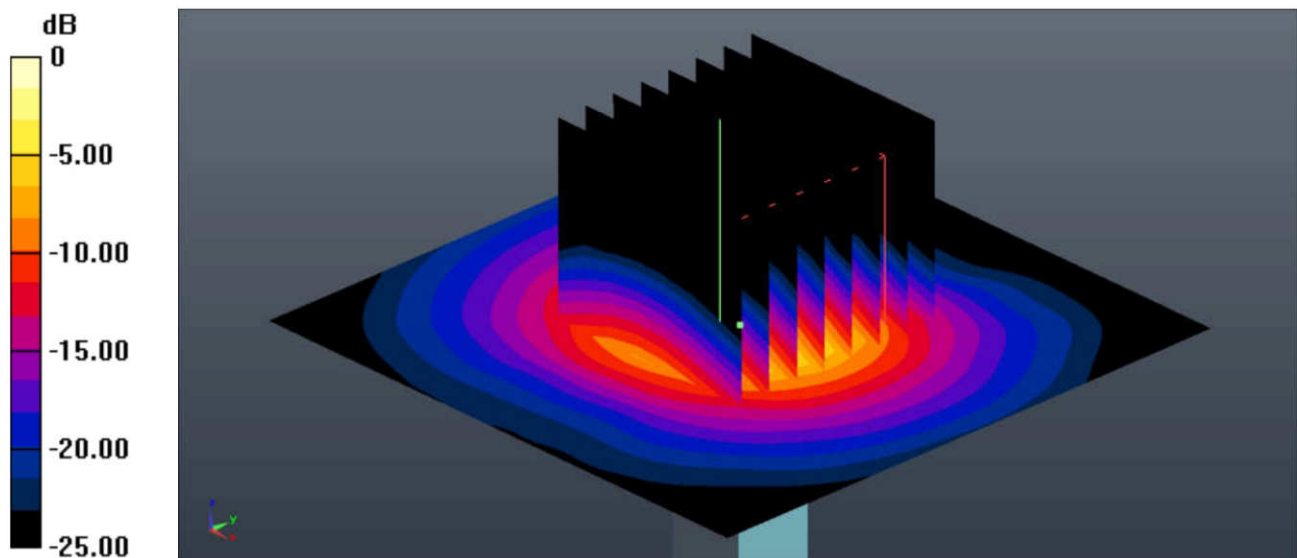
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.62, 4.62, 4.62); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 9.62 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 28.71 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.15 W/kg
Maximum value of SAR (measured) = 9.61 W/kg



0 dB = 9.62 W/kg = 9.83 dBW/kg

System Check_Body_5600MHz**DUT: D5GHzV2-SN:1006**

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: MSL_5000 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.954$ S/m; $\epsilon_r = 47.367$; $\rho = 1000$ kg/m³

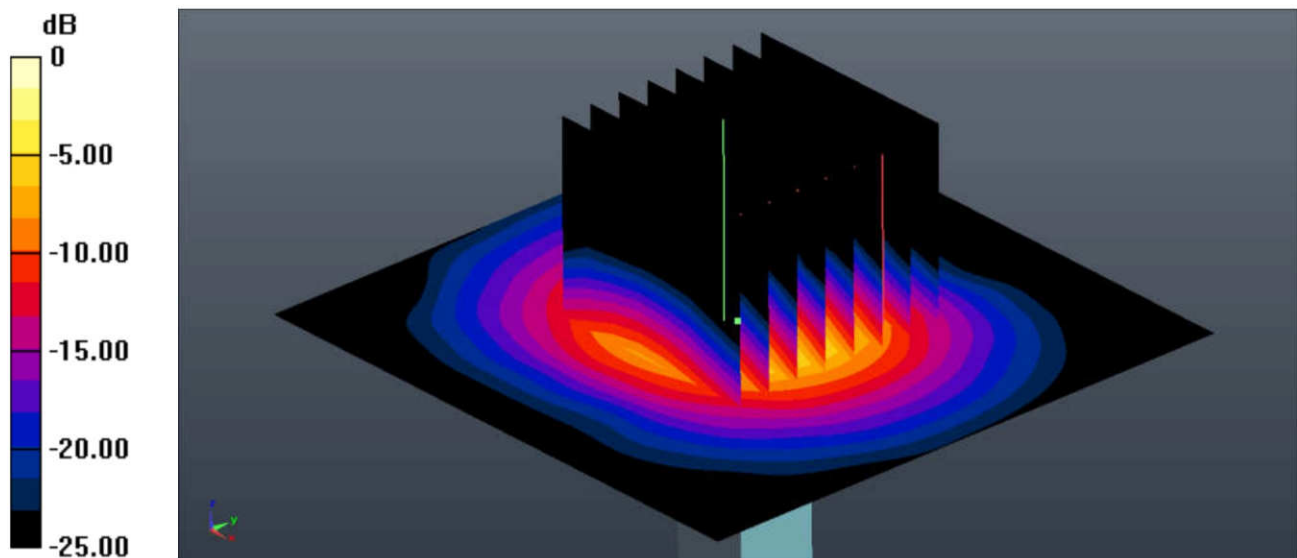
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.05, 4.05, 4.05); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 10.7 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 29.04 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 20.6 W/kg
SAR(1 g) = 7.62 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

System Check_Body_5750MHz**DUT: D5GHzV2-SN:1006**

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: MSL_5000 Medium parameters used: $f = 5750$ MHz; $\sigma = 6.154$ S/m; $\epsilon_r = 47.115$; $\rho = 1000$ kg/m³

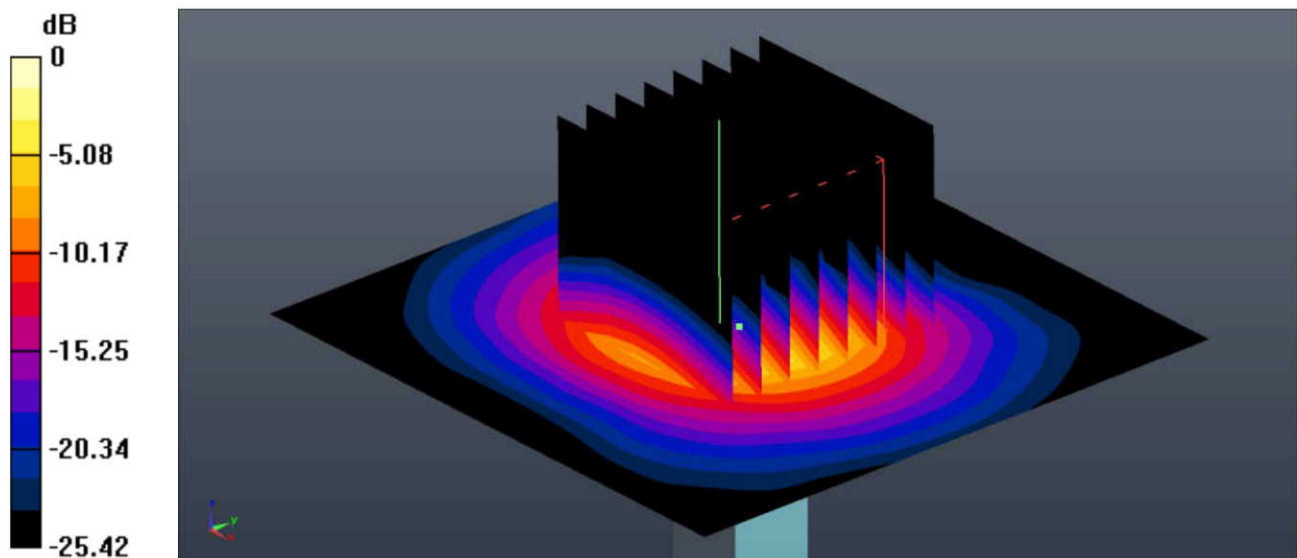
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.18, 4.18, 4.18); Calibrated: 2018.1.31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Pin=100mW/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 9.80 W/kg

Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 26.51 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 7.45 W/kg; SAR(10 g) = 2.18 W/kg
Maximum value of SAR (measured) = 9.70 W/kg



0 dB = 9.80 W/kg = 9.91 dBW/kg



Appendix B. Plots of High SAR Measurement

The plots are shown as follows.

01_GSM850_GPRS 3 Tx slots_Left Cheek_0mm_Ch251

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 848.8 MHz; Duty Cycle: 1:2.77

Medium: HSL_835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 42.031$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(10.2, 10.2, 10.2); Calibrated: 2018.1.31;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: SAM1; Type: SAM; Serial: TP-1842
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.253 W/kg

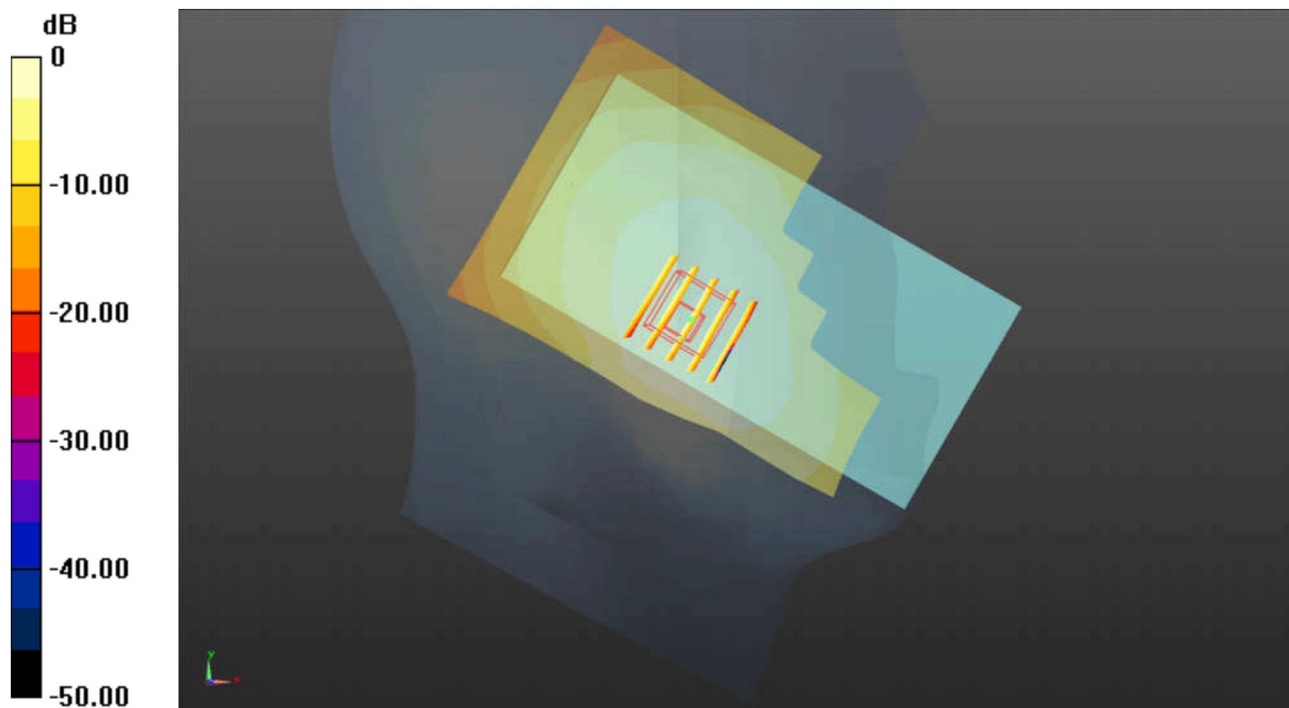
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.438 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.252 W/kg



0 dB = 0.253 W/kg = -5.97 dBW/kg