

WWAN Band	Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth			
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 13	Right Cheek at 0mm	1.036	0.217	0.219	0.109	1.25	1.26	1.15
	Right Tilted at 0mm	0.802	0.209	0.279	0.089	1.01	1.08	0.89
	Left Cheek at 0mm	0.754	0.472	0.418	0.210	1.23	1.17	0.96
	Left Tilted at 0mm	0.683	0.371	0.453	0.193	1.05	1.14	0.88
LTE Band 26	Right Cheek at 0mm	1.093	0.217	0.219	0.109	1.31	1.31	1.20
	Right Tilted at 0mm	0.686	0.209	0.279	0.089	0.90	0.97	0.78
	Left Cheek at 0mm	0.719	0.472	0.418	0.210	1.19	1.14	0.93
	Left Tilted at 0mm	0.656	0.371	0.453	0.193	1.03	1.11	0.85
LTE Band 41	Right Cheek at 0mm	0.585	0.217	0.219	0.109	0.80	0.80	0.69
	Right Tilted at 0mm	1.073	0.209	0.279	0.089	1.28	1.35	1.16
	Left Cheek at 0mm	0.588	0.472	0.418	0.210	1.06	1.01	0.80
	Left Tilted at 0mm	0.589	0.371	0.453	0.193	0.96	1.04	0.78
LTE Band 66	Right Cheek at 0mm	0.785	0.217	0.219	0.109	1.00	1.00	0.89
	Right Tilted at 0mm	1.053	0.209	0.279	0.089	1.26	1.33	1.14
	Left Cheek at 0mm	0.654	0.472	0.418	0.210	1.13	1.07	0.86
	Left Tilted at 0mm	0.777	0.371	0.453	0.193	1.15	1.23	0.97

< Body Worn Exposure Condition >

WWAN Band	Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth			
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
GSM850	Front at 10mm -	0.347	0.186	0.219	0.046	0.53	0.57	0.39
	Back at 10mm -	0.584	0.361	0.718	0.069	0.94	1.30	0.65
GSM1900	Front at 10mm -	0.334	0.186	0.219	0.046	0.52	0.55	0.38
	Back at 10mm -	0.522	0.361	0.718	0.069	0.88	1.24	0.59
WCDMA II	Front at 10mm -	0.400	0.186	0.219	0.046	0.59	0.62	0.45
	Back at 10mm -	0.627	0.361	0.718	0.069	0.99	1.35	0.70
WCDMA IV	Front at 10mm -	0.412	0.186	0.219	0.046	0.60	0.63	0.46
	Back at 10mm -	0.734	0.361	0.718	0.069	1.09	1.45	0.80
WCDMA V	Front at 10mm -	0.271	0.186	0.219	0.046	0.46	0.49	0.32
	Back at 10mm -	0.441	0.361	0.718	0.069	0.80	1.16	0.51
LTE Band 2	Front at 10mm -	0.404	0.186	0.219	0.046	0.59	0.62	0.45
	Back at 10mm -	0.577	0.361	0.718	0.069	0.94	1.30	0.65
LTE Band 7	Front at 10mm -	0.543	0.186	0.219	0.046	0.73	0.76	0.59
	Back at 10mm -	0.787	0.361	0.718	0.069	1.15	1.51	0.86
LTE Band 13	Front at 10mm -	0.218	0.186	0.219	0.046	0.40	0.44	0.26
	Back at 10mm -	0.386	0.361	0.718	0.069	0.75	1.10	0.46



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WWAN Band	Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth			
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
LTE Band 26	Front at 10mm -	0.267	0.186	0.219	0.046	0.45	0.49	0.31
	Back at 10mm -	0.450	0.361	0.718	0.069	0.81	1.17	0.52
LTE Band 41	Front at 10mm -	0.400	0.186	0.219	0.046	0.59	0.62	0.45
	Back at 10mm -	0.560	0.361	0.718	0.069	0.92	1.28	0.63
LTE Band 66	Front at 10mm -	0.356	0.186	0.219	0.046	0.54	0.57	0.40
	Back at 10mm -	0.658	0.361	0.718	0.069	1.02	1.38	0.73

< Hotspot Exposure Condition >

WWAN Band	Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth			
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
GSM850	Front at 10mm -	0.347	0.186	0.164	0.046	0.53	0.51	0.39
	Back at 10mm -	0.584	0.361	0.718	0.069	0.94	1.30	0.65
	Left side at 10mm -	0.241				0.24	0.24	0.24
	Right side at 10mm -	0.412	0.160	0.290	0.036	0.57	0.70	0.45
	Top side at 10mm -	0.266	0.178	0.555	0.036	0.44	0.82	0.30
	Bottom side at 10mm -	0.296				0.30	0.30	0.30
GSM1900	Front at 10mm -	0.334	0.186	0.164	0.046	0.52	0.50	0.38
	Back at 10mm -	0.522	0.361	0.718	0.069	0.88	1.24	0.59
	Left side at 10mm -	0.284				0.28	0.28	0.28
	Right side at 10mm -	0.075	0.160	0.290	0.036	0.23	0.36	0.11
	Top side at 10mm -	0.657	0.178	0.555	0.036	0.83	1.21	0.69
	Bottom side at 10mm -	0.577				0.58	0.58	0.58
WCDMA II	Front at 10mm -	0.400	0.186	0.164	0.046	0.59	0.56	0.45
	Back at 10mm -	0.627	0.361	0.718	0.069	0.99	1.35	0.70
	Left side at 10mm -	0.462				0.46	0.46	0.46
	Right side at 10mm -	0.157	0.160	0.290	0.036	0.32	0.45	0.19
	Top side at 10mm -	0.629	0.178	0.555	0.036	0.81	1.18	0.67
	Bottom side at 10mm -	0.652				0.65	0.65	0.65
WCDMA IV	Front at 10mm -	0.412	0.186	0.164	0.046	0.60	0.58	0.46
	Back at 10mm -	0.734	0.361	0.718	0.069	1.09	1.45	0.80
	Left side at 10mm -	0.263				0.26	0.26	0.26
	Right side at 10mm -	0.167	0.160	0.290	0.036	0.33	0.46	0.20
	Top side at 10mm -	0.763	0.178	0.555	0.036	0.94	1.32	0.80
	Bottom side at 10mm -	0.675				0.68	0.68	0.68
WCDMA V	Front at 10mm -	0.271	0.186	0.164	0.046	0.46	0.43	0.32



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WWAN Band	Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth			
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
	Back at 10mm -	0.441	0.361	0.718	0.069	0.80	1.16	0.51
	Left side at 10mm -	0.179				0.18	0.18	0.18
	Right side at 10mm -	0.316	0.160	0.290	0.036	0.48	0.61	0.35
	Top side at 10mm -	0.185	0.178	0.555	0.036	0.36	0.74	0.22
	Bottom side at 10mm -	0.215				0.21	0.21	0.21
LTE Band 2	Front at 10mm -	0.404	0.186	0.164	0.046	0.59	0.57	0.45
	Back at 10mm -	0.577	0.361	0.718	0.069	0.94	1.30	0.65
	Left side at 10mm -	0.496				0.50	0.50	0.50
	Right side at 10mm -	0.182	0.160	0.290	0.036	0.34	0.47	0.22
	Top side at 10mm -	0.673	0.178	0.555	0.036	0.85	1.23	0.71
	Bottom side at 10mm -	0.632				0.63	0.63	0.63
LTE Band 7	Front at 10mm -	0.543	0.186	0.164	0.046	0.73	0.71	0.59
	Back at 10mm -	0.787	0.361	0.718	0.069	1.15	1.51	0.86
	Left side at 10mm -	0.188				0.19	0.19	0.19
	Right side at 10mm -	0.249	0.160	0.290	0.036	0.41	0.54	0.29
	Top side at 10mm -	0.445	0.178	0.555	0.036	0.62	1.00	0.48
	Bottom side at 10mm -	1.086				1.09	1.09	1.09
LTE Band 13	Front at 10mm -	0.218	0.186	0.164	0.046	0.40	0.38	0.26
	Back at 10mm -	0.386	0.361	0.718	0.069	0.75	1.10	0.46
	Left side at 10mm -	0.215				0.21	0.21	0.21
	Right side at 10mm -	0.264	0.160	0.290	0.036	0.42	0.55	0.30
	Top side at 10mm -	0.159	0.178	0.555	0.036	0.34	0.71	0.20
	Bottom side at 10mm -	0.192				0.19	0.19	0.19
LTE Band 26	Front at 10mm -	0.267	0.186	0.164	0.046	0.45	0.43	0.31
	Back at 10mm -	0.450	0.361	0.718	0.069	0.81	1.17	0.52
	Left side at 10mm -	0.212				0.21	0.21	0.21
	Right side at 10mm -	0.336	0.160	0.290	0.036	0.50	0.63	0.37
	Top side at 10mm -	0.186	0.178	0.555	0.036	0.36	0.74	0.22
	Bottom side at 10mm -	0.243				0.24	0.24	0.24
LTE Band 41	Front at 10mm -	0.400	0.186	0.164	0.046	0.59	0.56	0.45
	Back at 10mm -	0.560	0.361	0.718	0.069	0.92	1.28	0.63
	Left side at 10mm -	0.118				0.12	0.12	0.12
	Right side at 10mm -	0.172	0.160	0.290	0.036	0.33	0.46	0.21
	Top side at 10mm -	0.507	0.178	0.555	0.036	0.68	1.06	0.54
	Bottom side at 10mm -	0.987				0.99	0.99	0.99
LTE Band 66	Front at 10mm -	0.356	0.186	0.164	0.046	0.54	0.52	0.40
	Back at 10mm -	0.658	0.361	0.718	0.069	1.02	1.38	0.73



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WWAN Band	Exposure Position	1	2	3	4	1+2 Summed 1g SAR (W/kg)	1+3 Summed 1g SAR (W/kg)	1+4 Summed 1g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth			
		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
	Left side at 10mm -	0.344				0.34	0.34	0.34
	Right side at 10mm -	0.191	0.160	0.290	0.036	0.35	0.48	0.23
	Top side at 10mm -	0.786	0.178	0.555	0.036	0.96	1.34	0.82
	Bottom side at 10mm -	0.714				0.71	0.71	0.71

<Extremity Exposure Condition >

WWAN Band	Exposure Position	1	2	3	4	1+2 Summed 10g SAR (W/kg)	1+3 Summed 10g SAR (W/kg)	1+4 Summed 10g SAR (W/kg)
		WWAN	2.4GHz WLAN	5GHz WLAN	Bluetooth			
		10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)			
GSM1900	Front at 0mm -			0.342		0.00	0.34	0.00
	Back at 0mm -			0.618		0.00	0.62	0.00
	Right side at 0mm -					0.00	0.00	0.00
	Top side at 0mm -			0.410		0.00	0.41	0.00
	Bottom side at 0mm -			1.305		0.00	1.30	0.00
WCDMA II	Front at 0mm -	1.989				1.99	1.99	1.99
	Back at 0mm -			0.342		0.00	0.34	0.00
	Right side at 0mm -			0.618		0.00	0.62	0.00
	Top side at 0mm -					0.00	0.00	0.00
	Bottom side at 0mm -			0.410		0.00	0.41	0.00
WCDMA IV	Front at 0mm -	1.914		1.305		1.91	3.22	1.91
	Back at 0mm -	1.673				1.67	1.67	1.67
	Right side at 0mm -	1.055		0.342		1.05	1.40	1.05
	Top side at 0mm -	1.303		0.618		1.30	1.92	1.30
	Bottom side at 0mm -					0.00	0.00	0.00
LTE Band 2	Front at 0mm -			0.410		0.00	0.41	0.00
	Back at 0mm -	1.417		1.305		1.42	2.72	1.42
	Right side at 0mm -	1.642				1.64	1.64	1.64
	Top side at 0mm -			0.342		0.00	0.34	0.00
	Bottom side at 0mm -	1.549		0.618		1.55	2.17	1.55
LTE Band 7	Front at 0mm -					0.00	0.00	0.00
	Back at 0mm -			0.410		0.00	0.41	0.00
	Right side at 0mm -	2.296		1.305		2.30	3.60	2.30
	Top side at 0mm -	1.717				1.72	1.72	1.72
	Bottom side at 0mm -			0.342		0.00	0.34	0.00
LTE Band 41	Front at 0mm -	1.851		0.618		1.85	2.47	1.85
	Back at 0mm -					0.00	0.00	0.00
	Right side at 0mm -			0.410		0.00	0.41	0.00
	Top side at 0mm -			1.305		0.00	1.30	0.00
	Bottom side at 0mm -	2.155				2.16	2.16	2.16
LTE Band 66	Front at 0mm -			0.342		0.00	0.34	0.00
	Back at 0mm -			0.618		0.00	0.62	0.00
	Right side at 0mm -					0.00	0.00	0.00
	Top side at 0mm -			0.410		0.00	0.41	0.00
	Bottom side at 0mm -			1.305		0.00	1.30	0.00

Note:

1. The SAR summation of maximum SAR of WWAN and WLAN/BT for each position is under the SAR limitation (**Head & Body: SAR_{1g} 1.6 W/kg, Extremity: SAR_{10g} 4.0 W/kg**). Therefore, the simultaneous transmission condition is compliance with the SAR criterion.

Test Engineer : Zixiao Xia, and Renjie Liu

5. Calibration of Test Equipment

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D750V3	1200	Oct. 27, 2021	3 Years
System Validation Dipole	SPEAG	D835V2	4d265	Oct. 18, 2021	3 Years
System Validation Dipole	SPEAG	D1750V2	1176	Oct. 19, 2021	3 Years
System Validation Dipole	SPEAG	D1950V3	1229	Oct. 28, 2021	3 Years
System Validation Dipole	SPEAG	D2450V2	1048	Oct. 21, 2021	3 Years
System Validation Dipole	SPEAG	D2600V2	1110	Sep. 16, 2021	3 Years
System Validation Dipole	SPEAG	D5GHzV2	1315	Oct. 22, 2021	3 Years
Data Acquisition Electronics	SPEAG	DAE4	1633	Feb. 08, 2023	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7612	Feb. 28, 2023	1 Year
Radio Communication Analyzer	ANRITSU	MT8821C	6272458679	Aug. 26, 2022	2 Years
Vector Network Analyzer	SPEAG	VNA R140	0121219	Feb. 17, 2023	1 Year
dielectric parameter probes	SPEAG	DAK-3.5	1119	Feb. 20, 2023	1 Year
Power Meter	Rohde&Schwarz	NRX	102380	Feb. 15, 2022	2 Years
Power Sensor	Rohde&Schwarz	NRP6A	102942	Feb. 15, 2022	2 Years
Power Sensor	Rohde&Schwarz	NRP6A	102943	Feb. 15, 2022	2 Years
ESG Analog Signal Generator	Rohde&Schwarz	SMB100A03	182185	Feb. 16, 2022	2 Years
Coupler	Woken	0110A056020-10	COM27RW1A3	May. 10, 2023	1 Year
Temp.&Humi.Recorder	DeLi	8813	SZ-SAR2020009	Sep. 06, 2022	2 Years

Note:

- Referring to KDB 865664 D01 v01r04, the dipole calibration interval can be extended to 3 years with justification. The dipole are also not physically damaged, or repaired during the interval. The dipole justification can be found in appendix C.
The return loss is $< -20\text{dB}$, within 20% of prior calibration, the impedance is with 5ohm of prior calibration.

6. Measurement Uncertainty

DASY6 Uncertainty Budget According to IEEE 1528-2013 and IEC 62209-1/2016 (0.3 - 3 GHz range)								
Error Description	Uncertainty Value (±%)	Probability	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)	(Vi) Veff
Measurement System								
Probe Calibration	6.05	N	1	1	1	6.1	6.1	∞
Axial Isotropy	4.7	R	1.732	0.7	0.7	1.9	1.9	∞
Hemispherical Isotropy	9.6	R	1.732	0.7	0.7	3.9	3.9	∞
Boundary Effects	2.0	R	1.732	1	1	1.2	1.2	∞
Linearity	4.7	R	1.732	1	1	2.7	2.7	∞
System Detection Limits	1.0	R	1.732	1	1	0.6	0.6	∞
Modulation Response	3.2	R	1.732	1	1	1.8	1.8	∞
Readout Electronics	0.3	N	1	1	1	0.3	0.3	∞
Response Time	0.0	R	1.732	1	1	0.0	0.0	∞
Integration Time	2.6	R	1.732	1	1	1.5	1.5	∞
RF Ambient Noise	3.0	R	1.732	1	1	1.7	1.7	∞
RF Ambient Reflections	3.0	R	1.732	1	1	1.7	1.7	∞
Probe Positioner	0.4	R	1.732	1	1	0.2	0.2	∞
Probe Positioning	6.7	R	1.732	1	1	3.9	3.9	∞
Max. SAR Eval.	4.0	R	1.732	1	1	2.3	2.3	∞
Test Sample Related								
Device Positioning	4.0	N	1	1	1	4.0	4.0	35
Device Holder	4.9	N	1	1	1	4.9	4.9	12
Power Drift	5.0	R	1.732	1	1	2.9	2.9	∞
Power Scaling	0.0	R	1.732	1	1	0.0	0.0	∞
Phantom and Setup								
Phantom Uncertainty	6.6	R	1.732	1	1	3.8	3.8	∞
SAR correction	0.0	R	1.732	1	0.84	0.0	0.0	∞
Liquid Conductivity Repeatability	0.14	N	1	0.78	0.71	0.1	0.1	5
Liquid Conductivity (target)	10.0	R	1.732	0.78	0.71	4.5	4.1	∞
Liquid Conductivity (mea.)	2.5	R	1.732	0.78	0.71	1.1	1.0	∞
Temp. unc. - Conductivity	2.61	R	1.732	0.78	0.71	1.2	1.1	∞
Liquid Permittivity Repeatability	0.03	N	1	0.23	0.26	0.0	0.0	5
Liquid Permittivity (target)	10.0	R	1.732	0.23	0.26	1.3	1.5	∞
Liquid Permittivity (mea.)	2.5	R	1.732	0.23	0.26	0.3	0.4	∞
Temp. unc. - Permittivity	1.78	R	1.732	0.23	0.26	0.2	0.3	∞
Combined Std. Uncertainty						13.6%	13.5%	578
Coverage Factor for 95 %						K=2	K=2	
Expanded STD Uncertainty						27.2%	26.9%	

Uncertainty budget for frequency range 300 MHz to 3 GHz

DASY6 Uncertainty Budget According to IEC 62209-2/2010 (30 MHz - 6 GHz range)								
Error Description	Uncertainty Value (±%)	Probability	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)	(Vi) Veff
Measurement System								
Probe Calibration	6.65	N	1	1	1	6.7	6.7	∞
Axial Isotropy	4.7	R	1.732	0.7	0.7	1.9	1.9	∞
Hemispherical Isotropy	9.6	R	1.732	0.7	0.7	3.9	3.9	∞
Boundary Effects	2.0	R	1.732	1	1	1.2	1.2	∞
Linearity	4.7	R	1.732	1	1	2.7	2.7	∞
System Detection Limits	1.0	R	1.732	1	1	0.6	0.6	∞
Modulation Response	3.2	R	1.732	1	1	1.8	1.8	∞
Readout Electronics	0.3	N	1	1	1	0.3	0.3	∞
Response Time	0.0	R	1.732	1	1	0.0	0.0	∞
Integration Time	2.6	R	1.732	1	1	1.5	1.5	∞
RF Ambient Noise	3.0	R	1.732	1	1	1.7	1.7	∞
RF Ambient Reflections	3.0	R	1.732	1	1	1.7	1.7	∞
Probe Positioner	0.4	R	1.732	1	1	0.2	0.2	∞
Probe Positioning	6.7	R	1.732	1	1	3.9	3.9	∞
Max. SAR Eval.	4.0	R	1.732	1	1	2.3	2.3	∞
Test Sample Related								
Device Positioning	4.3	N	1	1	1	4.3	4.3	35
Device Holder	4.9	N	1	1	1	4.9	4.9	12
Power Drift	5.0	R	1.732	1	1	2.9	2.9	∞
Power Scaling	0.0	R	1.732	1	1	0.0	0.0	∞
Phantom and Setup								
Phantom Uncertainty	6.6	R	1.732	1	1	3.8	3.8	∞
SAR correction	0.0	R	1.732	1	0.84	0.0	0.0	∞
Liquid Conductivity Repeatability	0.16	N	1	0.78	0.71	0.1	0.1	5
Liquid Conductivity (target)	10.0	R	1.732	0.78	0.71	4.5	4.1	∞
Liquid Conductivity (mea.)	2.5	R	1.732	0.78	0.71	1.1	1.0	∞
Temp. unc. - Conductivity	3.64	R	1.732	0.78	0.71	1.6	1.5	∞
Liquid Permittivity Repeatability	0.08	N	1	0.23	0.26	0.0	0.0	5
Liquid Permittivity (target)	10.0	R	1.732	0.23	0.26	1.3	1.5	∞
Liquid Permittivity (mea.)	2.5	R	1.732	0.23	0.26	0.3	0.4	∞
Temp. unc. - Permittivity	1.78	R	1.732	0.23	0.26	0.2	0.3	∞
Combined Std. Uncertainty						14.0%	13.9%	624
Coverage Factor for 95 %						K=2	K=2	
Expanded STD Uncertainty						28.0%	27.7%	

Uncertainty budget for frequency range 30 MHz to 6 GHz

7. Information on the Testing Laboratories

We, Huarui 7layers High Technology (Suzhou) Co., Ltd., were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation.

If you have any comments, please feel free to contact us at the following:

Add: Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province

[Tel: +86 \(0557\) 368 1008](tel:+86(0557)3681008)

The road map of all our labs can be found in our web site also

[Web: http://www.7Layers.com](http://www.7Layers.com)

---END---

Appendix A. SAR Plots of System Verification

The plots for system verification with largest deviation for each SAR system combination are shown as follows.

System Check_HSL750_20230824

DUT: Dipole:750 MHz;Type:D750V3

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1

Medium: HSL750_0824 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 40.638$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.35, 11.35, 11.35) @ 750 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.56 W/kg

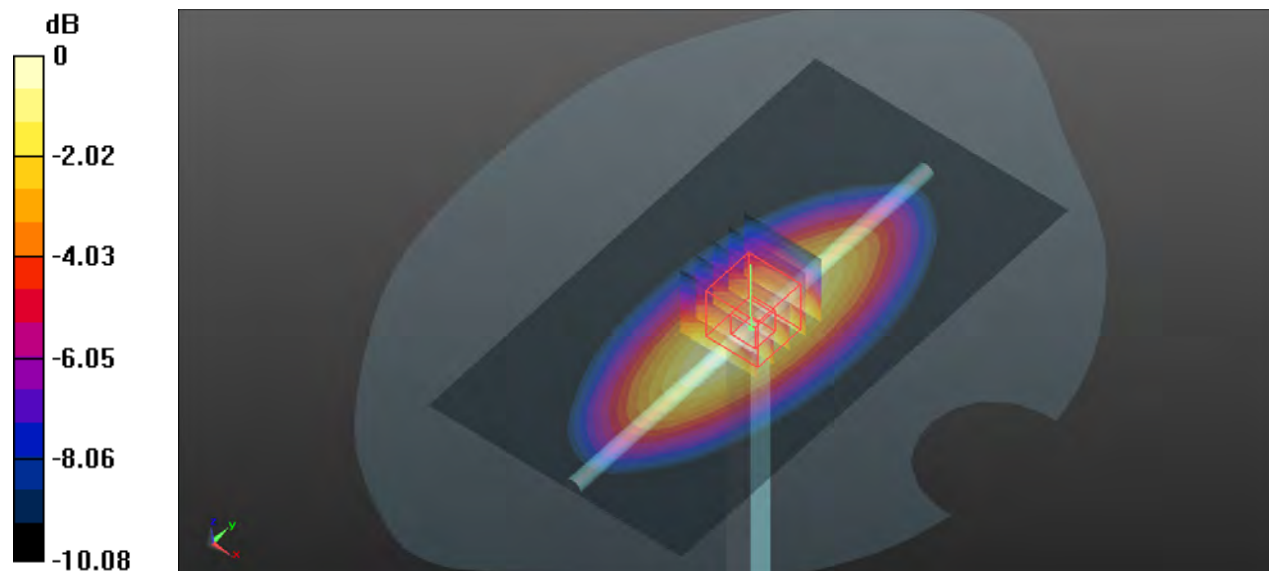
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 50.19 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 2.04 W/kg ; SAR(10 g) = 1.37 W/kg

Maximum value of SAR (measured) = 2.56 W/kg



0 dB = 2.56 W/kg

System Check_HSL835_20230825

DUT: Dipole:835 MHz;Type:D835V2

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium: HSL835_0825 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 42.965$; $\rho = 1000 \text{ kg/m}^3$

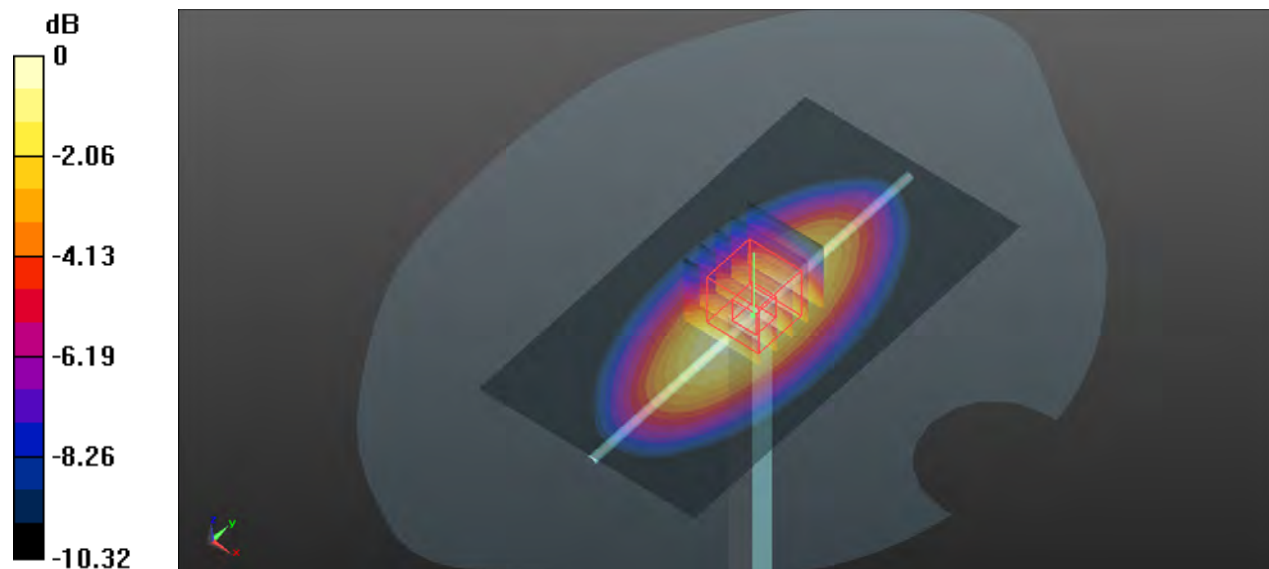
Ambient Temperature : 23.3°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 835 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.13 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 = 59.62 V/m ; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.45 W/kg ; SAR(10 g) = 1.65 W/kg
Maximum value of SAR (measured) = 3.14 W/kg



0 dB = 3.14 W/kg

System Check_HSL835_20230826

DUT: Dipole:835 MHz;Type:D835V2

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1

Medium: HSL835_0826 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 43.156$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.3°C ; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 835 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x111x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.14 W/kg

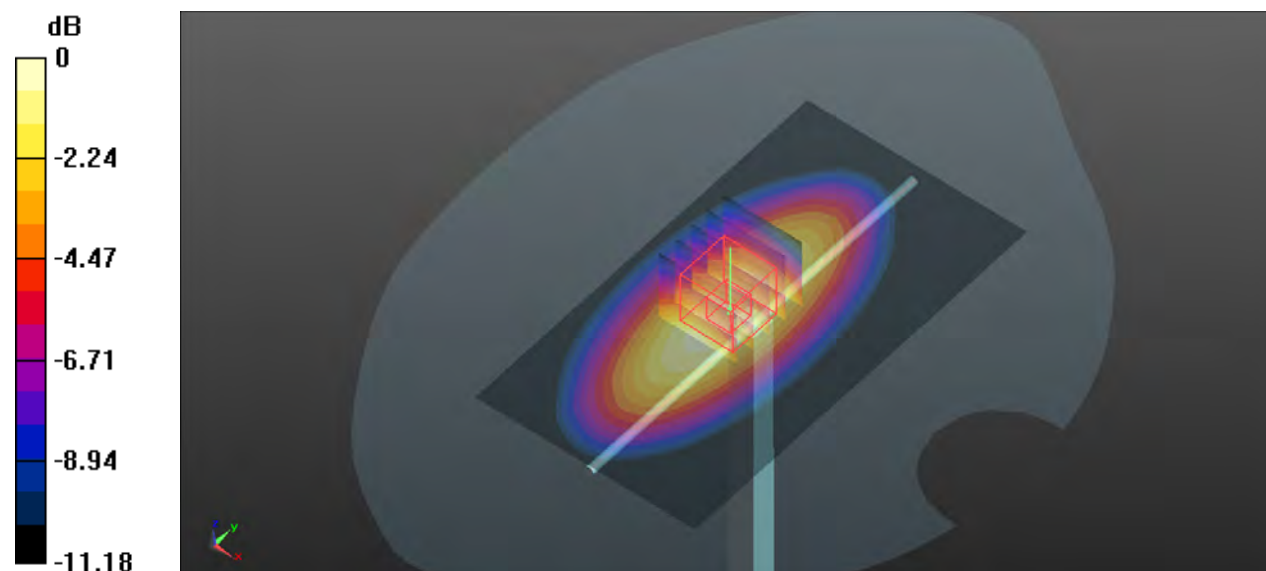
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.40 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 2.47 W/kg ; SAR(10 g) = 1.6 W/kg

Maximum value of SAR (measured) = 3.16 W/kg



0 dB = 3.16 W/kg

System Check_HSL1750_20230827

DUT: Dipole:1750 MHz;Type:D1750V2

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1750_0827 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 40.971$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1750 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.3 W/kg

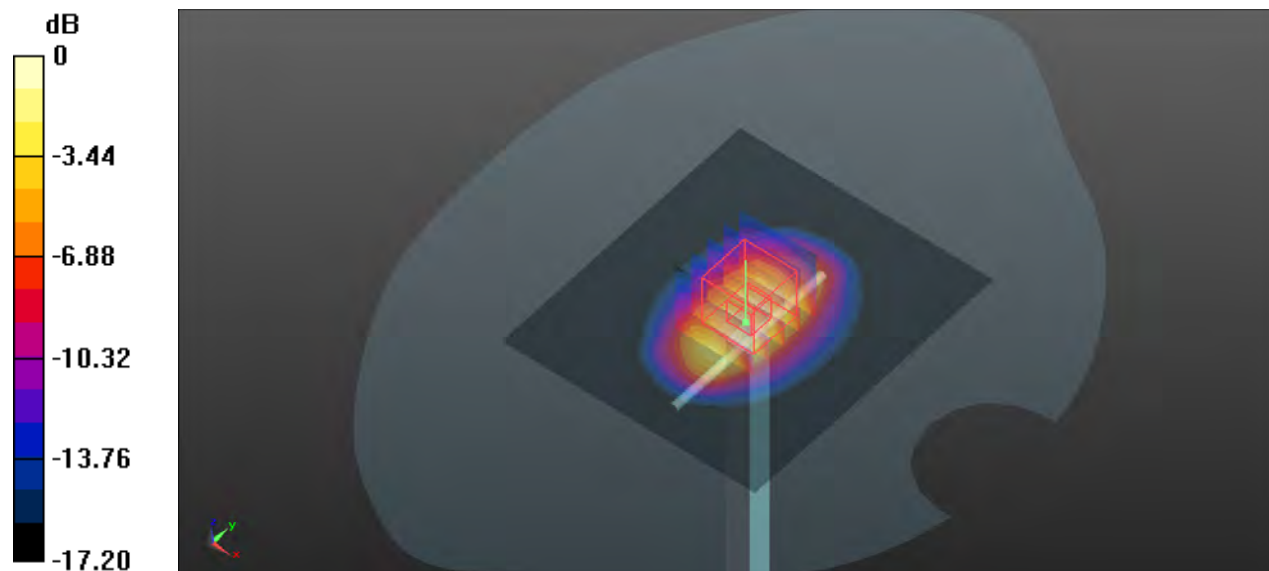
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 94.99 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 15.9 W/kg

SAR(1 g) = 8.88 W/kg; SAR(10 g) = 4.77 W/kg

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg

System Check_HSL1750_20230828

DUT: Dipole:1750 MHz;Type:D1750V2

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1750_0828 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 40.975$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1750 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.6 W/kg

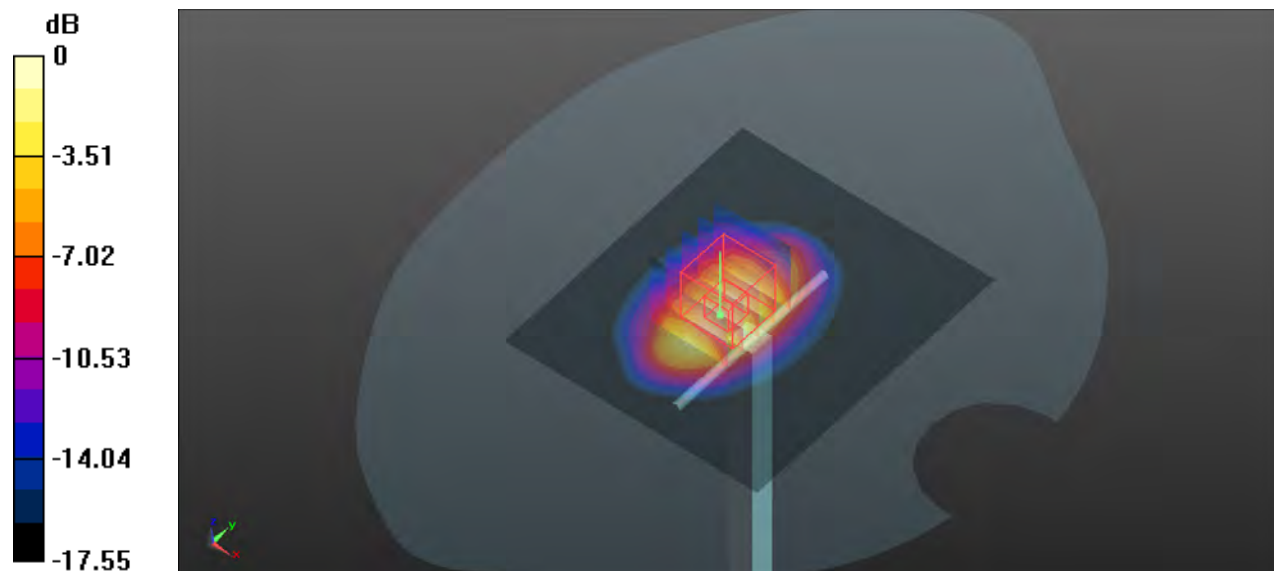
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 90.88 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 15.5 W/kg

SAR(1 g) = 8.62 W/kg; SAR(10 g) = 4.51 W/kg

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



0 dB = 13.0 W/kg

System Check_HSL1950_20230829

DUT: Dipole:1950MHz;Type:D1950V3

Communication System: CW; Frequency: 1950 MHz;Duty Cycle: 1:1

Medium: HSL1950_0829 Medium parameters used: $f = 1950$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 40.211$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1900 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.0 W/kg

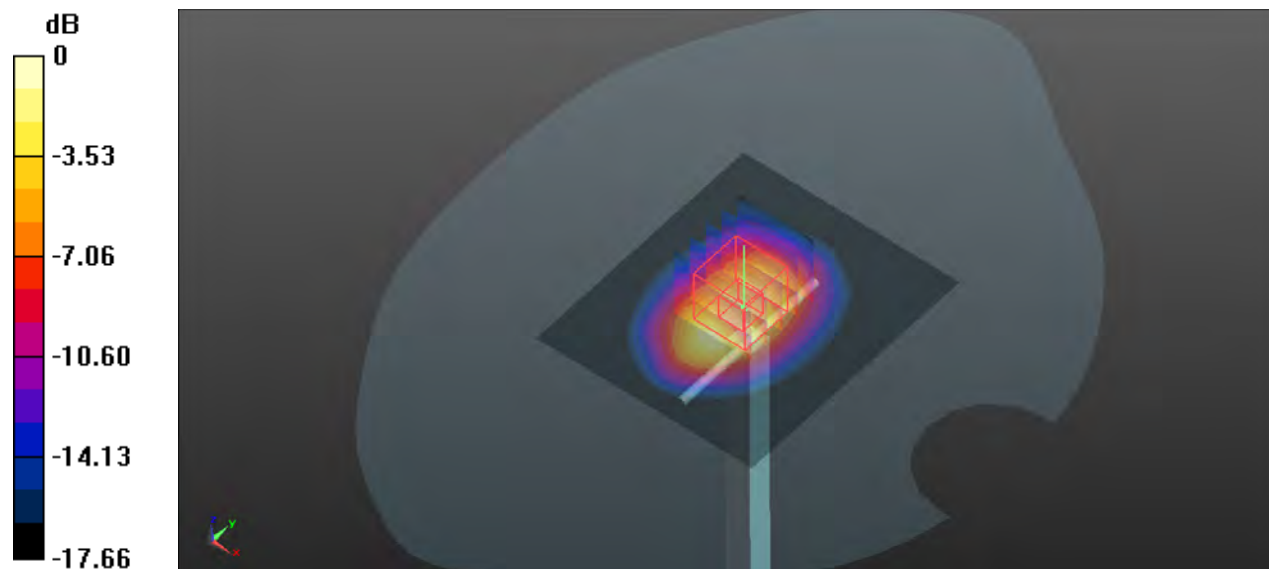
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 97.39 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 9.33 W/kg; SAR(10 g) = 4.83 W/kg

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



0 dB = 13.0 W/kg

System Check_HSL1950_20230830

DUT: Dipole:1950MHz;Type:D1950V3

Communication System: CW; Frequency: 1950 MHz;Duty Cycle: 1:1

Medium: HSL1950_0830 Medium parameters used: $f = 1950$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 40.217$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1900 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.1 W/kg

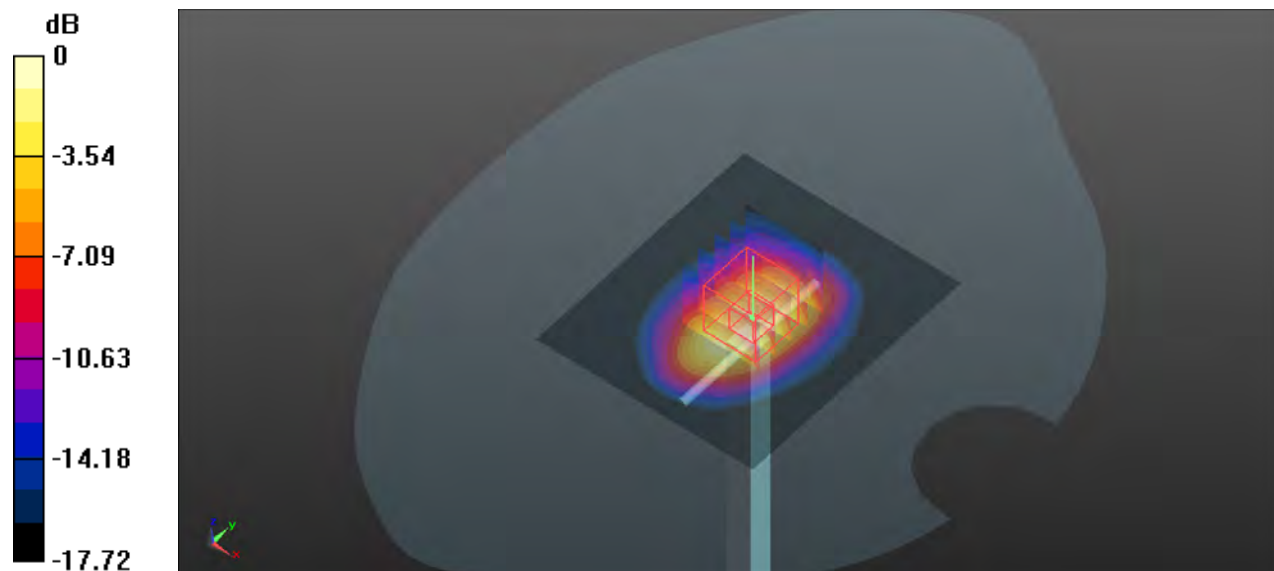
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 93.15 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 9.43 W/kg; SAR(10 g) = 4.95 W/kg

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg

System Check_HSL2450_20230824

DUT: Dipole:2450 MHz;Type:D2450V2

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1

Medium: HSL2450_0824 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 39.342$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2450 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.5 W/kg

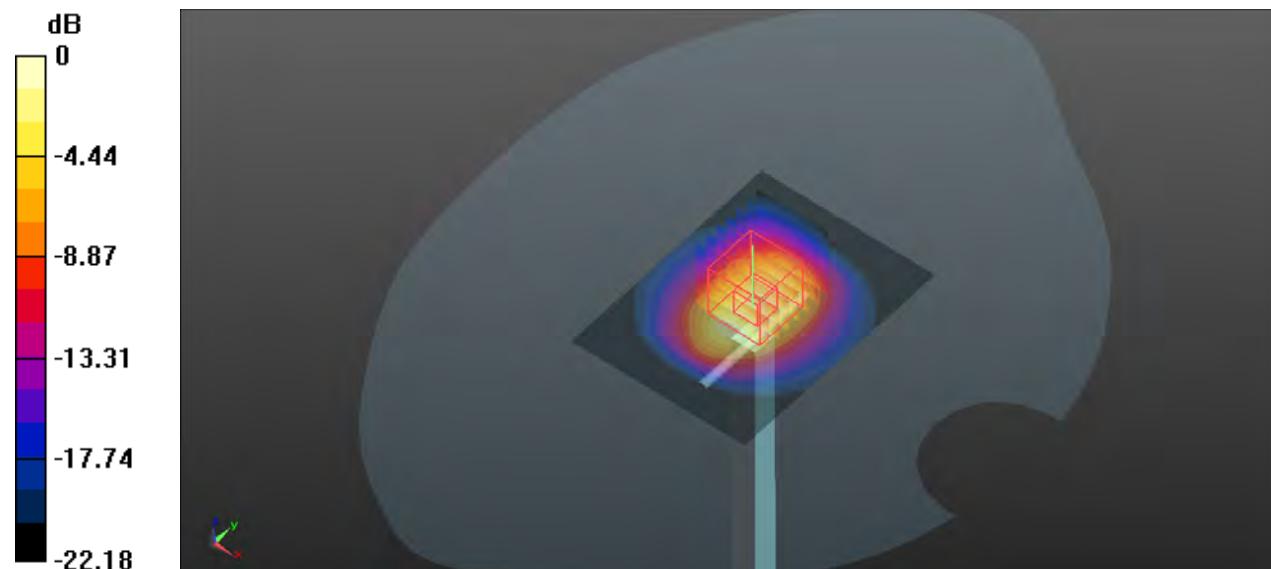
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.7 V/m; Power Drift = -0.32 dB

Peak SAR (extrapolated) = 24.7 W/kg

SAR(1 g) = 12.55 W/kg; SAR(10 g) = 5.94 W/kg

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



0 dB = 18.7 W/kg

System Check_HSL2600_20230831

DUT: Dipole:2600 MHz;Type:D2600V2

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1

Medium: HSL2600_0831 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 39.124$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2600 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (71x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 20.3 W/kg

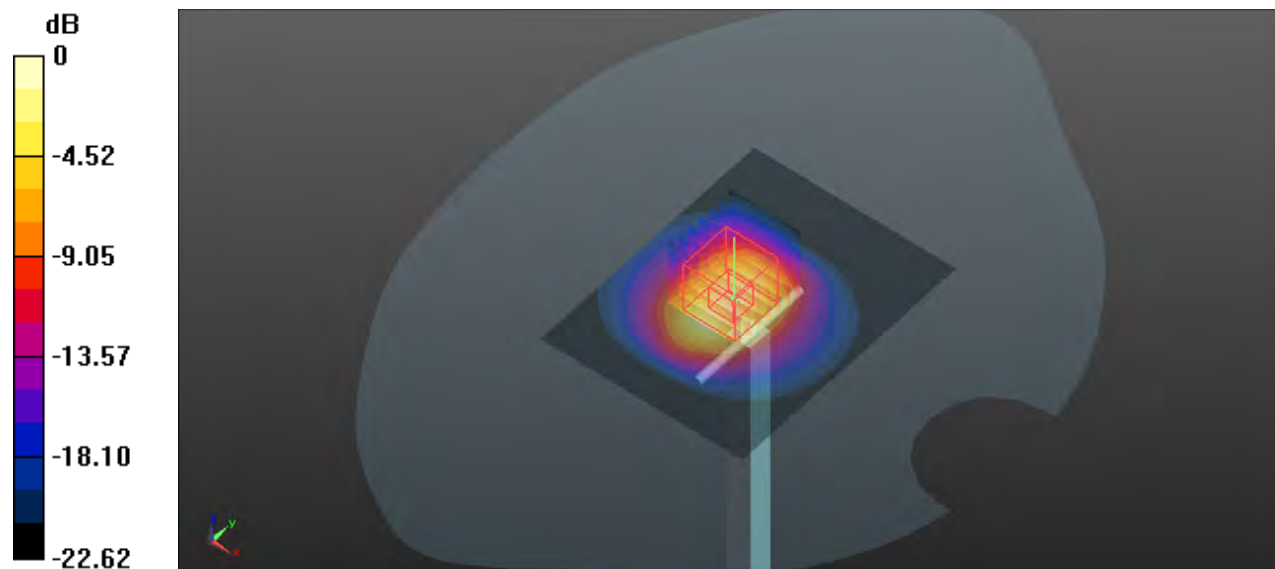
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.25 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 26.0 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 5.91 W/kg

Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg

System Check_HSL2600_20230901

DUT: Dipole:2600 MHz;Type:D2600V2

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1

Medium: HSL2600_0901 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.921$ S/m; $\epsilon_r = 39.063$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2600 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (71x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 19.8 W/kg

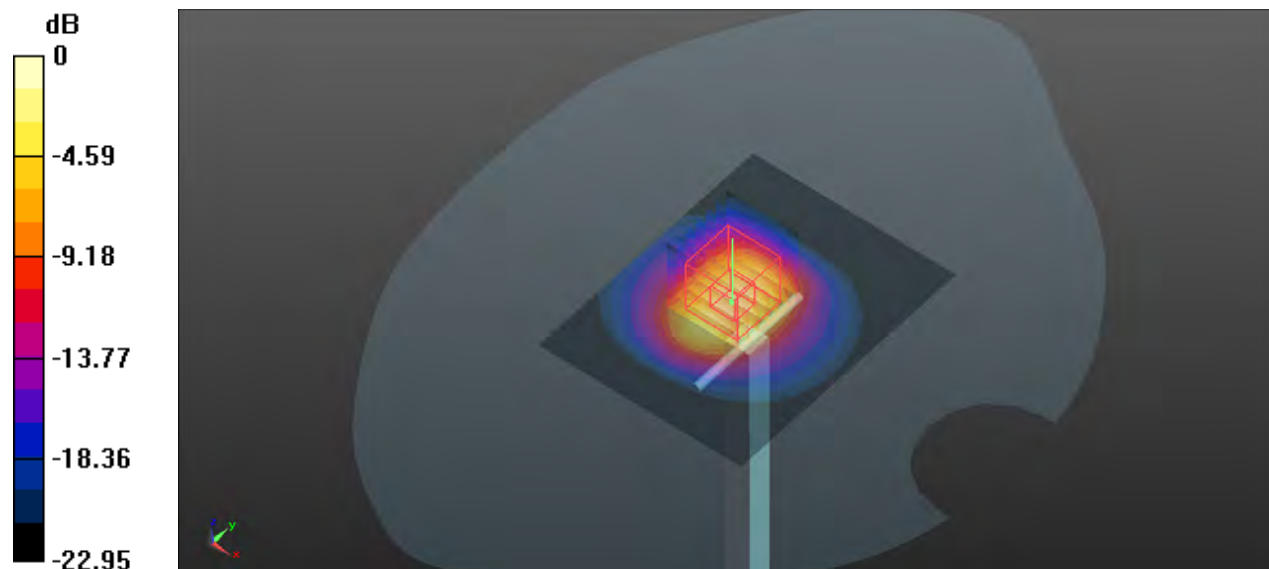
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.76 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 25.0 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 5.85 W/kg

Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg

System Check_HSL5250_20230827

DUT: Dipole 5GHzV2;Type:D5GHzV2

Communication System: CW; Frequency: 5250 MHz;Duty Cycle: 1:1

Medium: HSL5G_0827 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.628$ S/m; $\epsilon_r = 36.245$; $\rho = 1000$ kg/m³

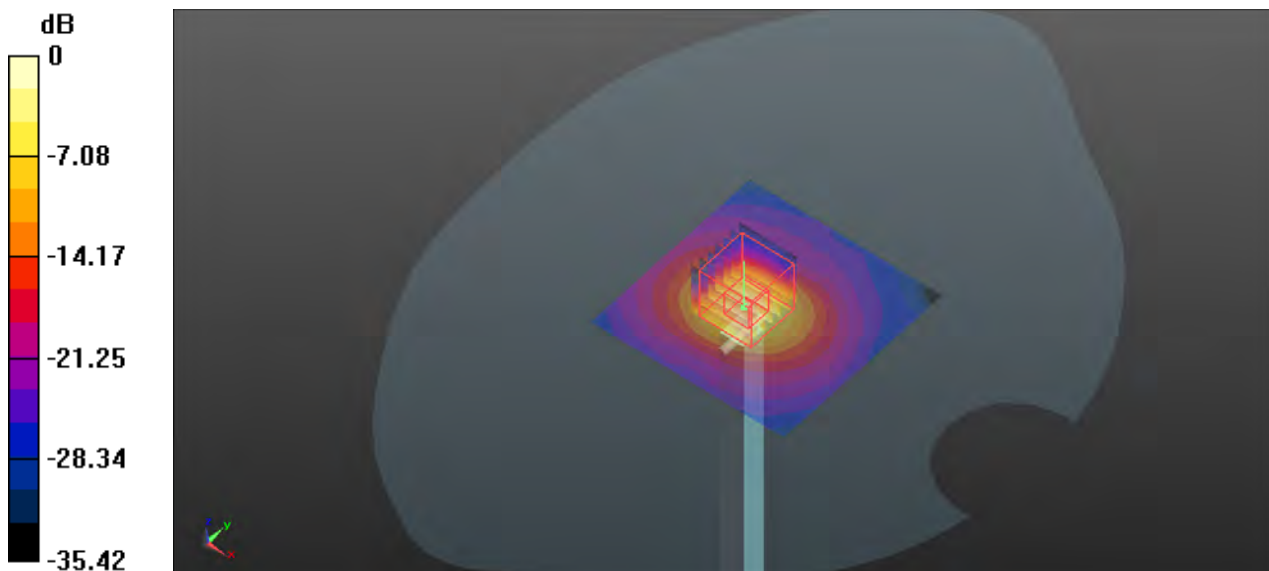
Ambient Temperature : 23.2°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.7, 5.7, 5.7) @ 5250 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.8 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 50.19 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 32.7 W/kg
SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.28 W/kg
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg

System Check_HSL5600_20230825

DUT: Dipole 5GHzV2;Type:D5GHzV2

Communication System: CW; Frequency: 5600 MHz;Duty Cycle: 1:1

Medium: HSL5G_0825 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.018$ S/m; $\epsilon_r = 35.687$; $\rho = 1000$ kg/m³

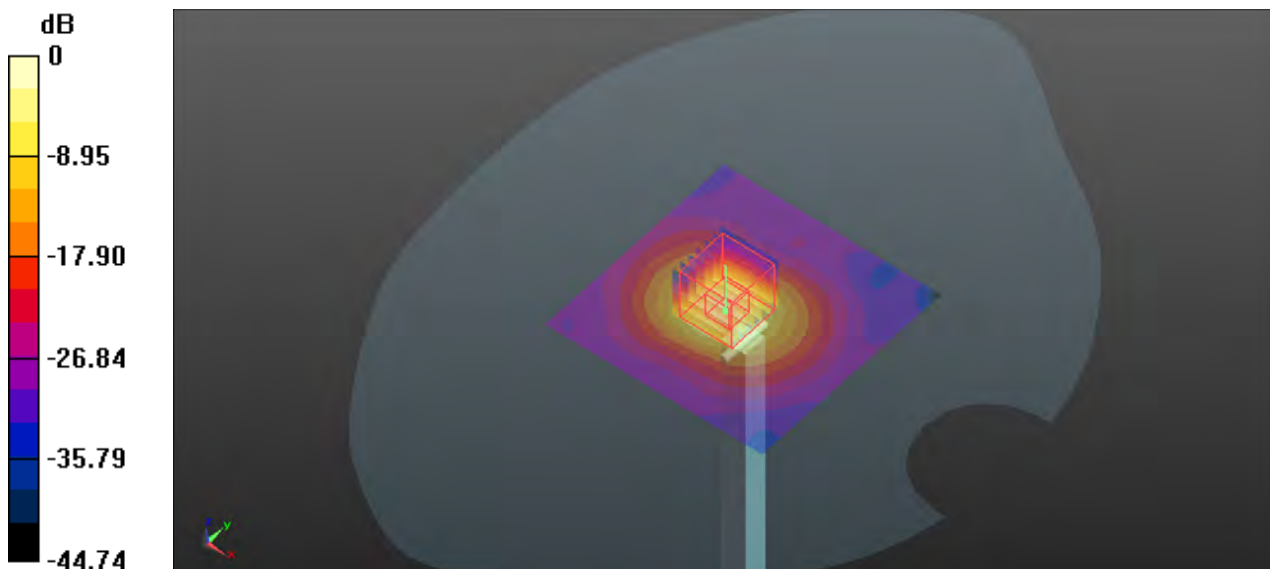
Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.1, 5.1, 5.1) @ 5600 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=100mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.1 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 55.25 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 36.8 W/kg
SAR(1 g) = 8.62 W/kg; SAR(10 g) = 2.33 W/kg
Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg

System Check_HSL5750_20230826

DUT: Dipole 5GHzV2;Type:D5GHzV2

Communication System: CW; Frequency: 5750 MHz;Duty Cycle: 1:1

Medium: HSL5G_0826 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.181$ S/m; $\epsilon_r = 35.279$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.21, 5.21, 5.21) @ 5800 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 15.8 W/kg

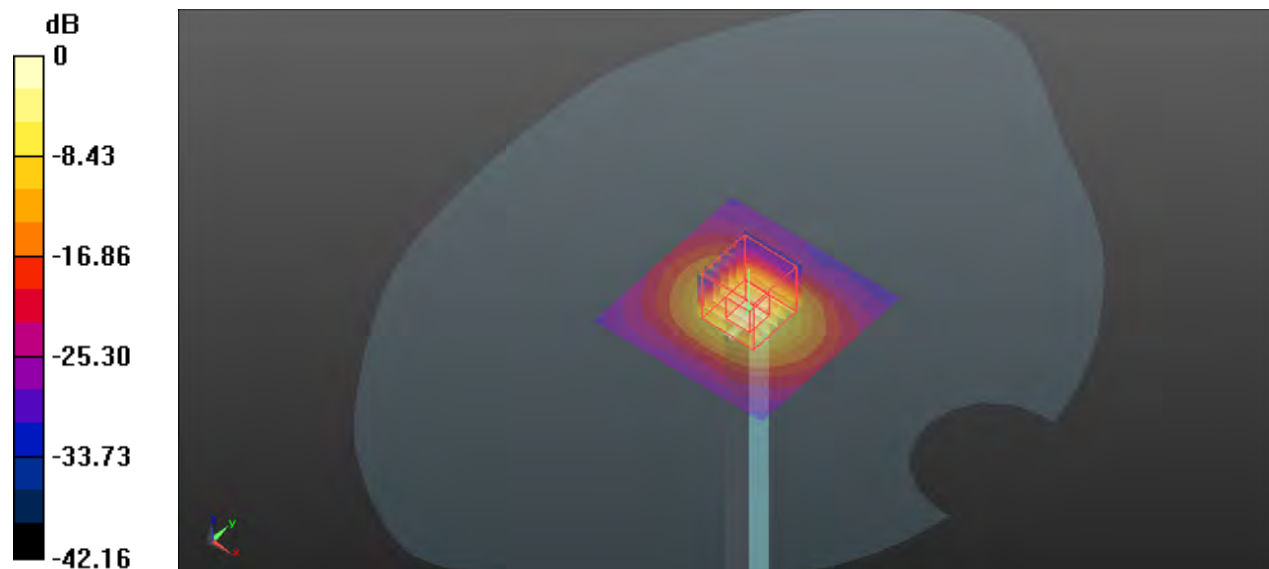
Pin=100mW/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 57.45 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 33.9 W/kg

SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.21 W/kg

Maximum value of SAR (measured) = 16.3 W/kg



0 dB = 16.3 W/kg

Appendix B. SAR Plots of SAR Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination, and measured SAR > 1.5 W/kg are shown as follows.

P01 GSM850_GPRS 4Tx Slot_Right Cheek_Ch189_Ant2

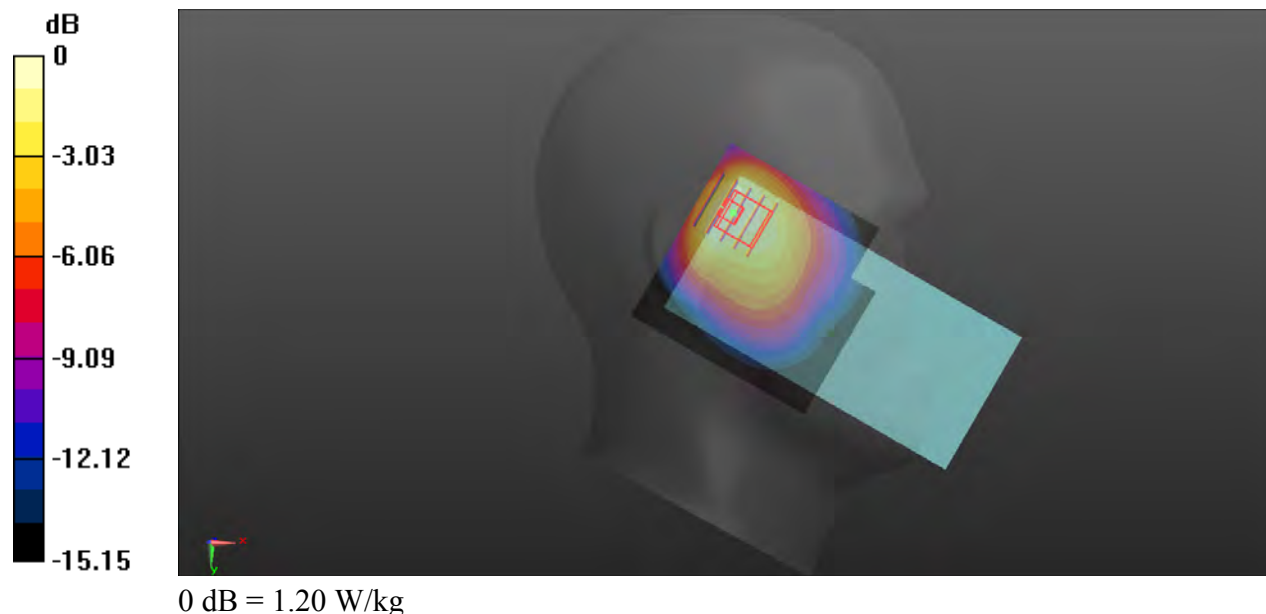
Communication System: GPRS 4Tx-slot; Frequency: 836.4 MHz; Duty Cycle: 1:2.08
Medium: HSL835_0825 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.937$ S/m; $\epsilon_r = 43.144$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 836.4 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.01 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.584 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



P02 GSM1900_GPRS 4Tx Slot_Right Tilted_Ch661_Ant2

Communication System: GPRS 4Tx-slot; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL1900_0829 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 40.233$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1880 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.895 W/kg

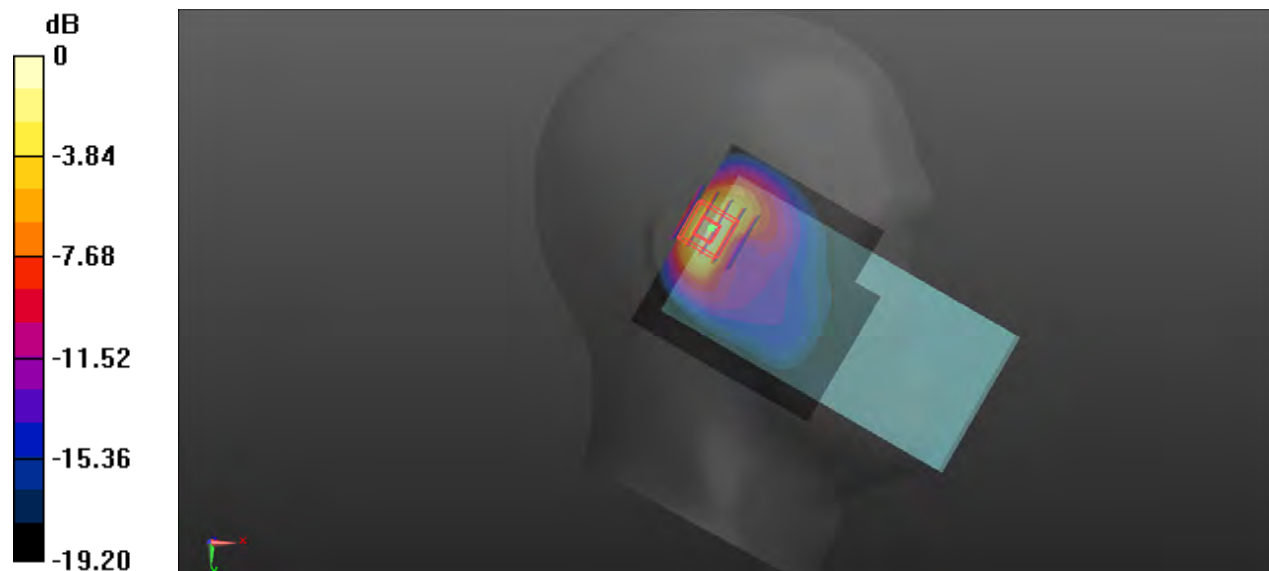
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.96 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.311 W/kg

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



0 dB = 1.01 W/kg

P03 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Ant2

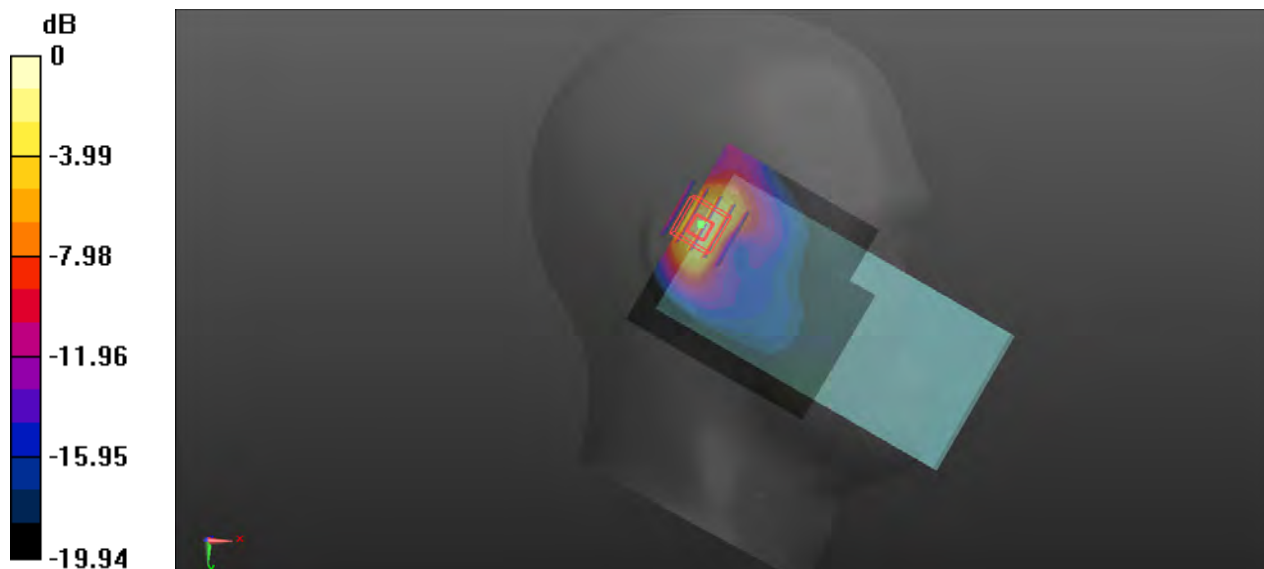
Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL1900_0829 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 40.233$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1880 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.638 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.91 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.239 W/kg
Maximum value of SAR (measured) = 0.808 W/kg



0 dB = 0.808 W/kg

P04 WCDMA IV_RMC12.2K_Right Tilted_Ch1413_Ant2

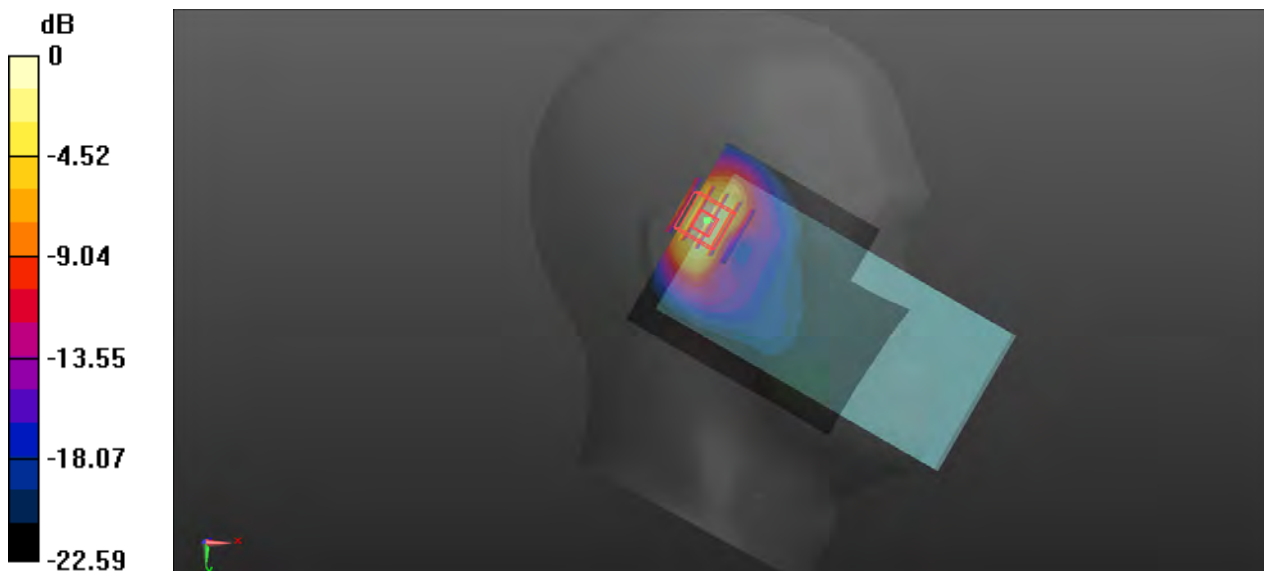
Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL1750_0827 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 40.994$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1732.6 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.59 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.376 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg

P05 WCDMA V_RMC12.2K_Right Cheek_Ch4233_Ant2

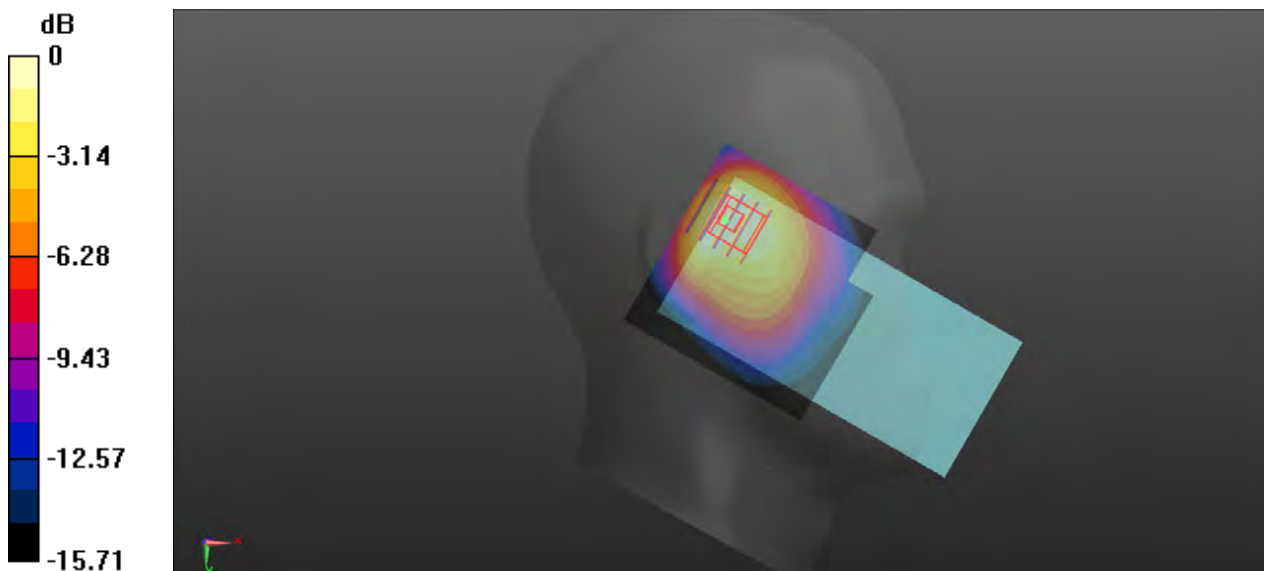
Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL835_0825 Medium parameters used: $f = 847$ MHz; $\sigma = 0.941$ S/m; $\epsilon_r = 43.097$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 846.6 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.99 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.508 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg

P06 LTE 2_QPSK20M_Right Tilted_Ch19100_50RB_OS0_Ant2

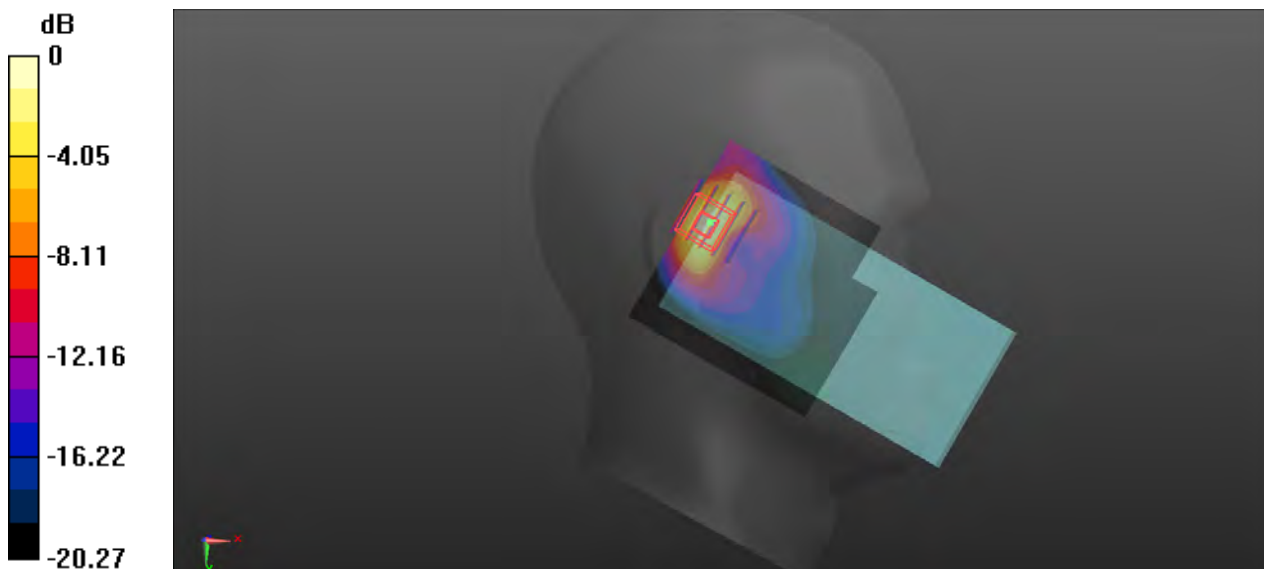
Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: HSL1900_0830 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 40.211$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1900 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.740 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.83 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.840 W/kg



0 dB = 0.840 W/kg

P07 LTE 7_QPSK20M_Right Tilted_0cm_Ch20850_1RB_OS50_Ant2

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL2600_0831 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.852$ S/m; $\epsilon_r = 39.259$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2510 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1)**: Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

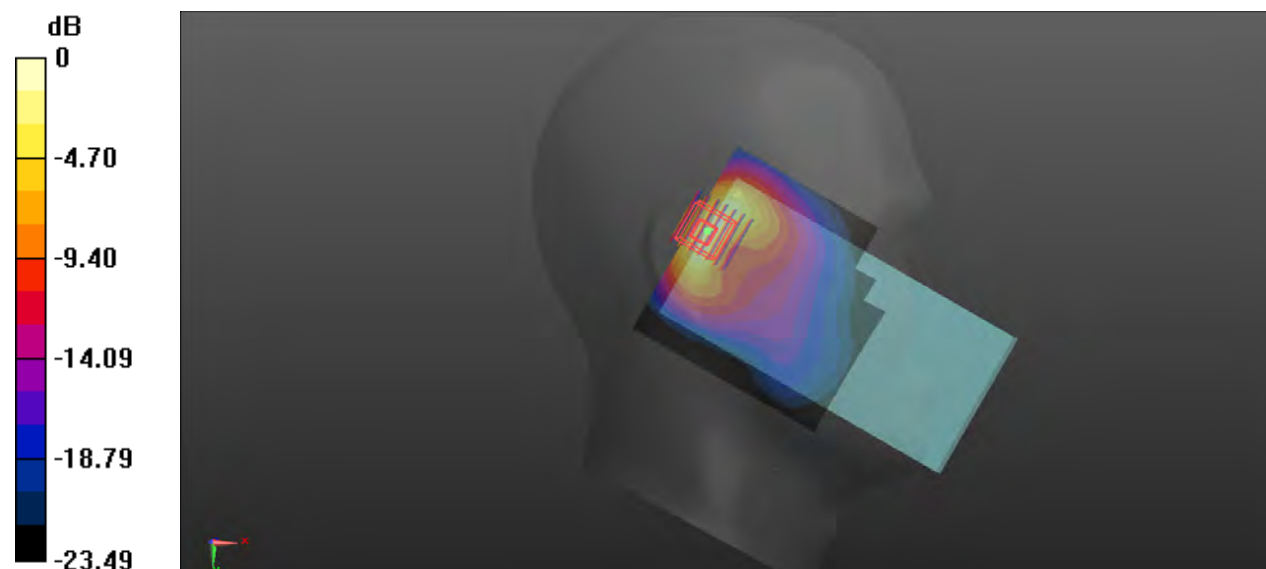
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.69 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.347 W/kg

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



0 dB = 1.22 W/kg

P08 LTE 13_QPSK10M_Right Cheek_0cm_Ch23230_1RB_OS24_Ant2

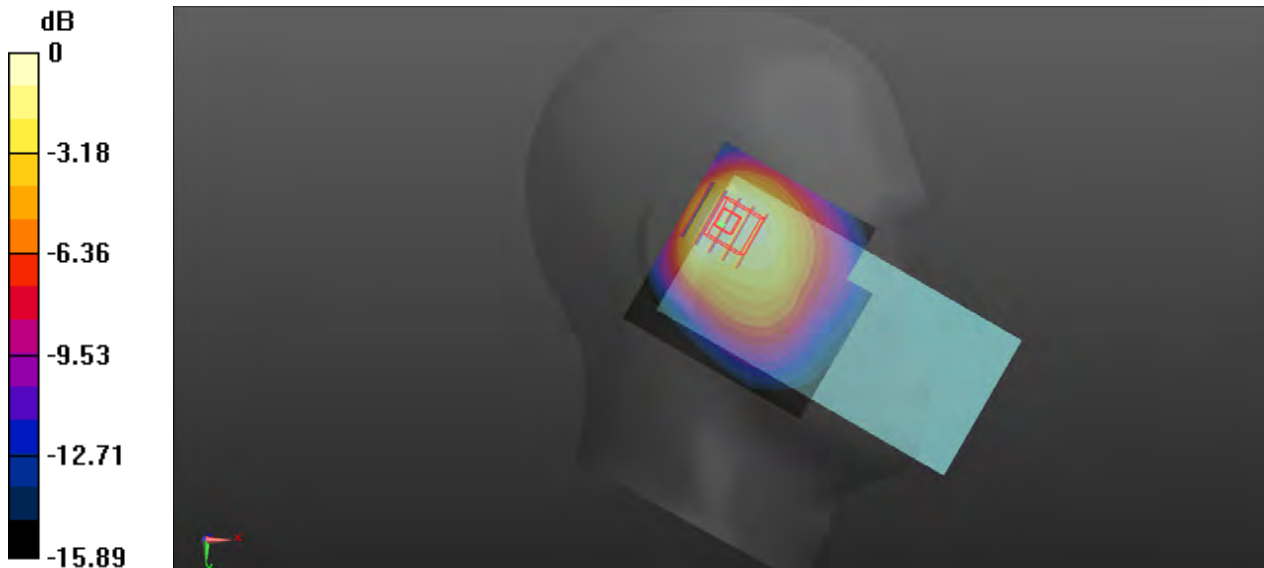
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL750_0824 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 43.288$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.4°C ; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.35, 11.35, 11.35) @ 782 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.22 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 30.53 V/m ; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.786 W/kg ; SAR(10 g) = 0.509 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg

P09 LTE 26_QPSK15M_Right Cheek_Ch26965_1RB_OS37_Ant2

Communication System: LTE; Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL835_0826 Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 43.114$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 841.5 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

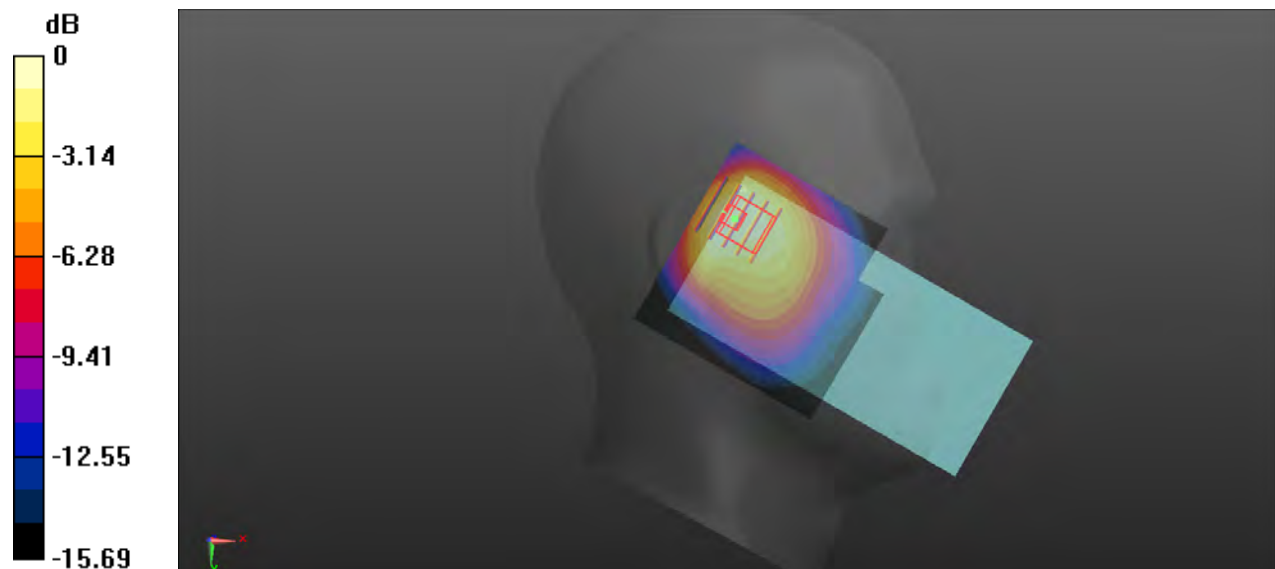
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.11 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.536 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg

P10 LTE 41_QPSK20M_Right Tilted_Ch41490_50RB_OS25_Ant2

Communication System: LTE TDD; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0901 Medium parameters used: $f = 2680$ MHz; $\sigma = 1.987$ S/m; $\epsilon_r = 38.942$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(7.85, 7.85, 7.85) @ 2680 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1)**: Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

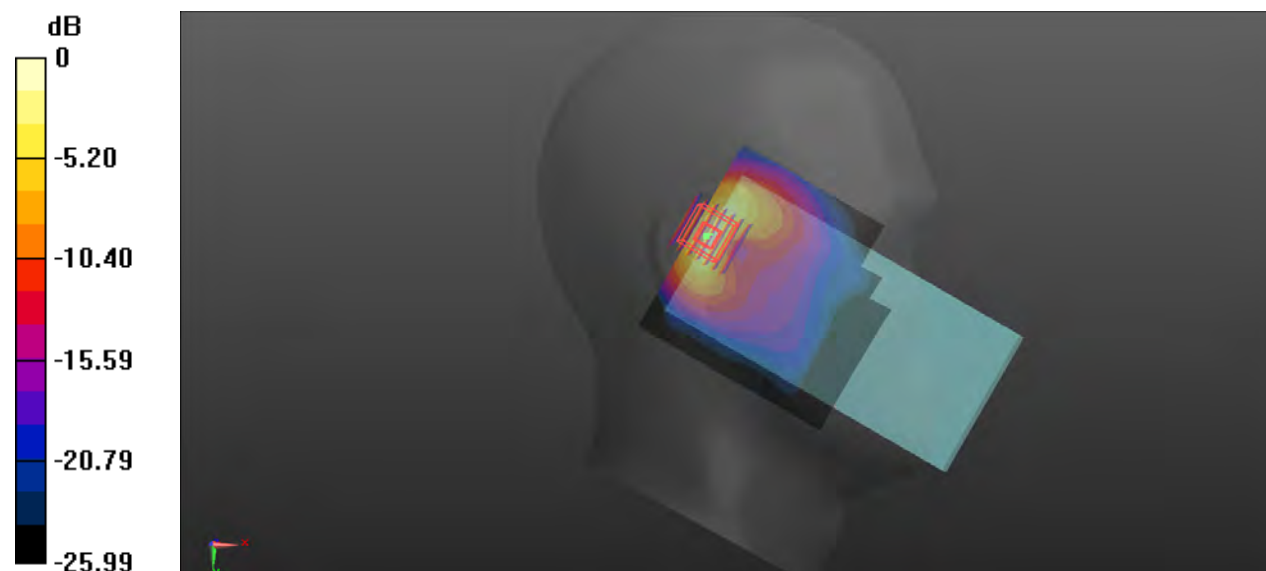
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.97 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg

P11 LTE 66_QPSK20M_Right Tilted_Ch132072_1RB_OS50_Ant2

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750_0828 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 41.003$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1720 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x71x1)**: Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

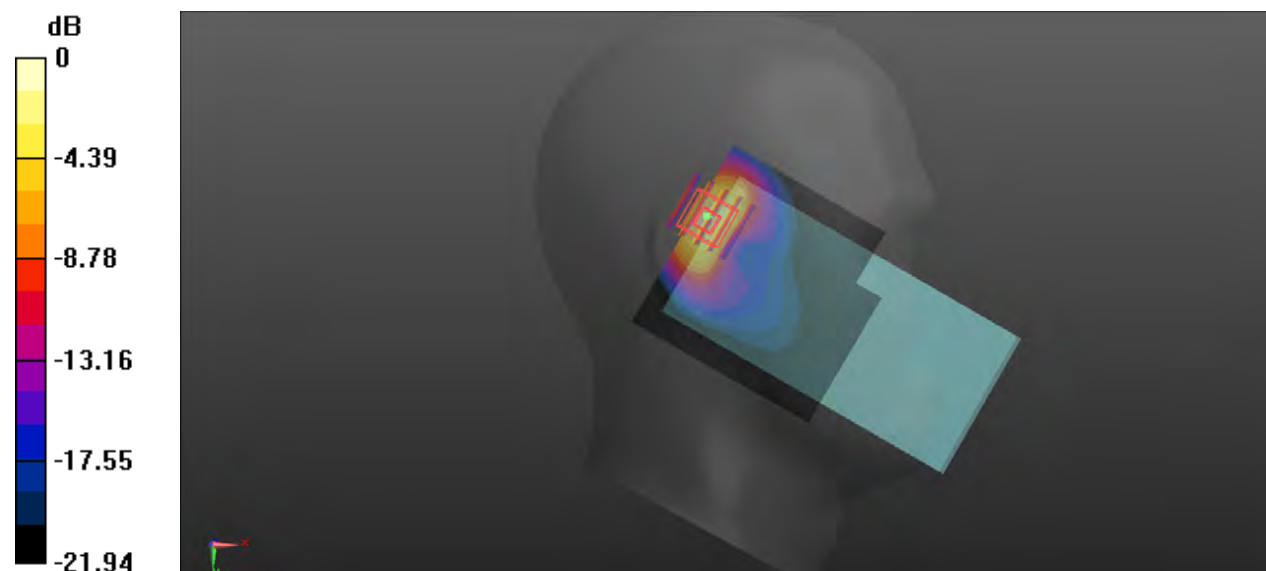
- **Zoom Scan (5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.54 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.377 W/kg

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



0 dB = 1.17 W/kg

P12 WLAN2.4G_802.11b_Left Cheek_0cm_Ch11_Ant3

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.005

Medium: HSL2450_0824 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.332$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2462 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1)**: Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

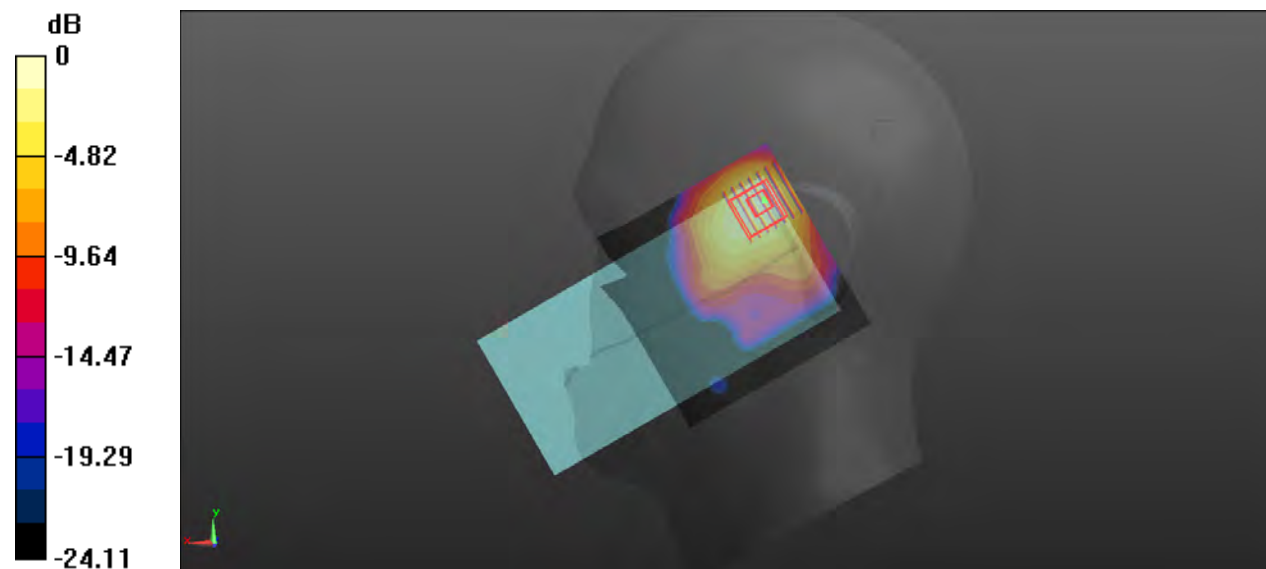
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.313 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.523 W/kg



0 dB = 0.523 W/kg

P13 WLAN5G_802.11acVHT80_Left Tilted_0cm_Ch58_Ant3

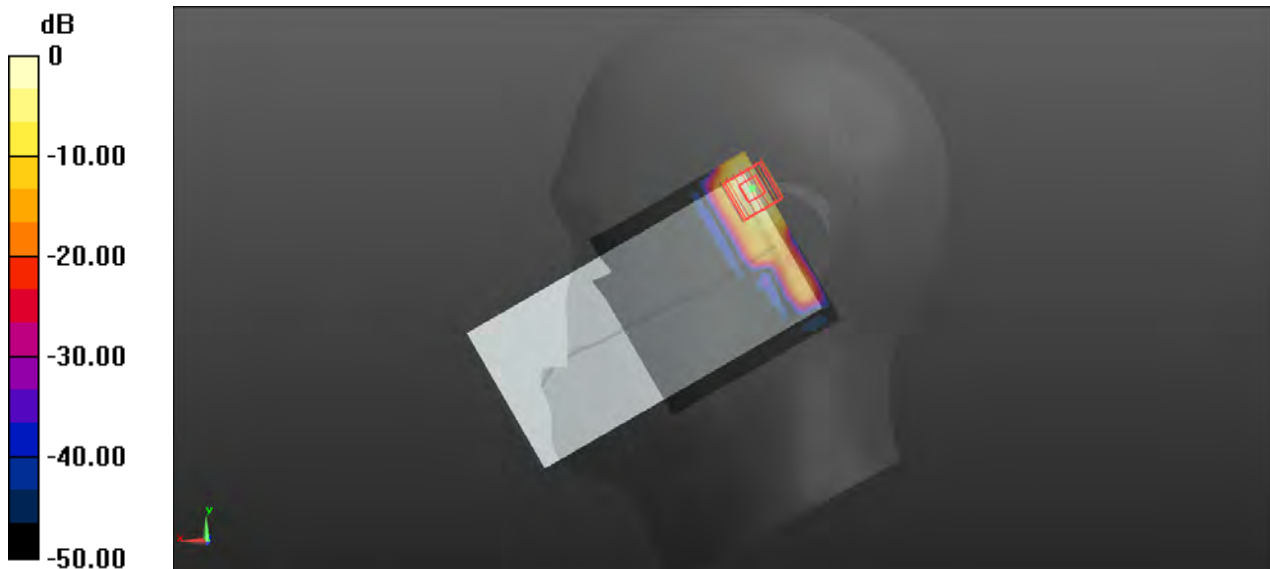
Communication System: 802.11ac_VHT80; Frequency: 5290 MHz; Duty Cycle: 1:1.036
Medium: HSL5G_0827 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.624$ S/m; $\epsilon_r = 36.194$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.7, 5.7, 5.7) @ 5290 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x101x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.618 W/kg

- **Zoom Scan (7x7x12)/Cube 0**: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.809 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.078 W/kg
Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg

P14 WLAN5G_802.11acVHT80_Left Tilted_0cm_Ch106_Ant3

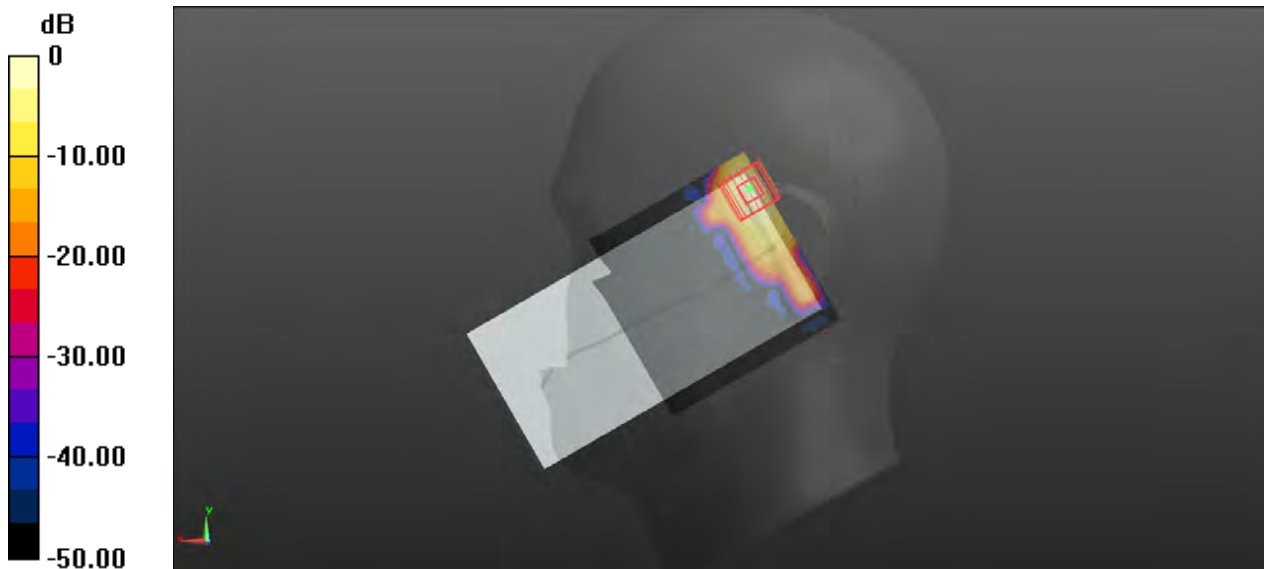
Communication System: 802.11ac_VHT80; Frequency: 5530 MHz; Duty Cycle: 1:1.036
Medium: HSL5G_0825 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.927$ S/m; $\epsilon_r = 35.792$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.1, 5.1, 5.1) @ 5530 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x101x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.528 W/kg

- **Zoom Scan (7x7x12)/Cube 0**: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.303 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.569 W/kg



0 dB = 0.569 W/kg

P15 WLAN5G_802.11acVHT80_Left Cheek_0cm_Ch155_Ant3

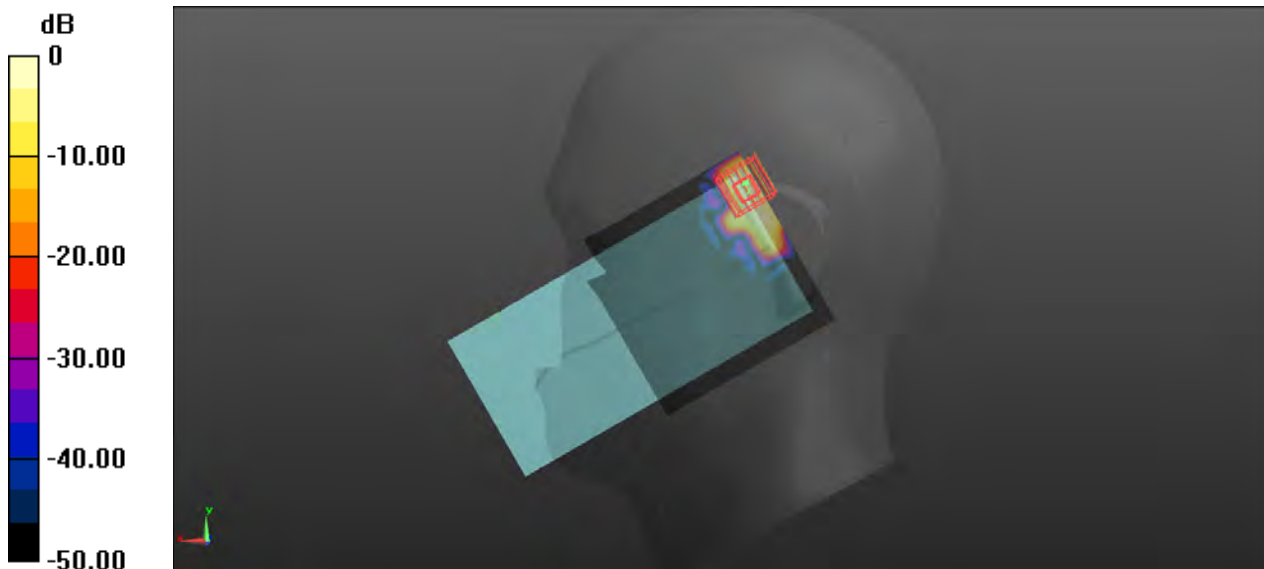
Communication System: 802.11ac_VHT80; Frequency: 5775 MHz; Duty Cycle: 1:1.156
Medium: HSL5G_0826 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.159$ S/m; $\epsilon_r = 35.315$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.21, 5.21, 5.21) @ 5775 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.629 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.481 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg

P16 BT_GFSK_Left Cheek_0cm_Ch39_Ant3

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL2450_0824 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 39.356$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2441 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.174 W/kg

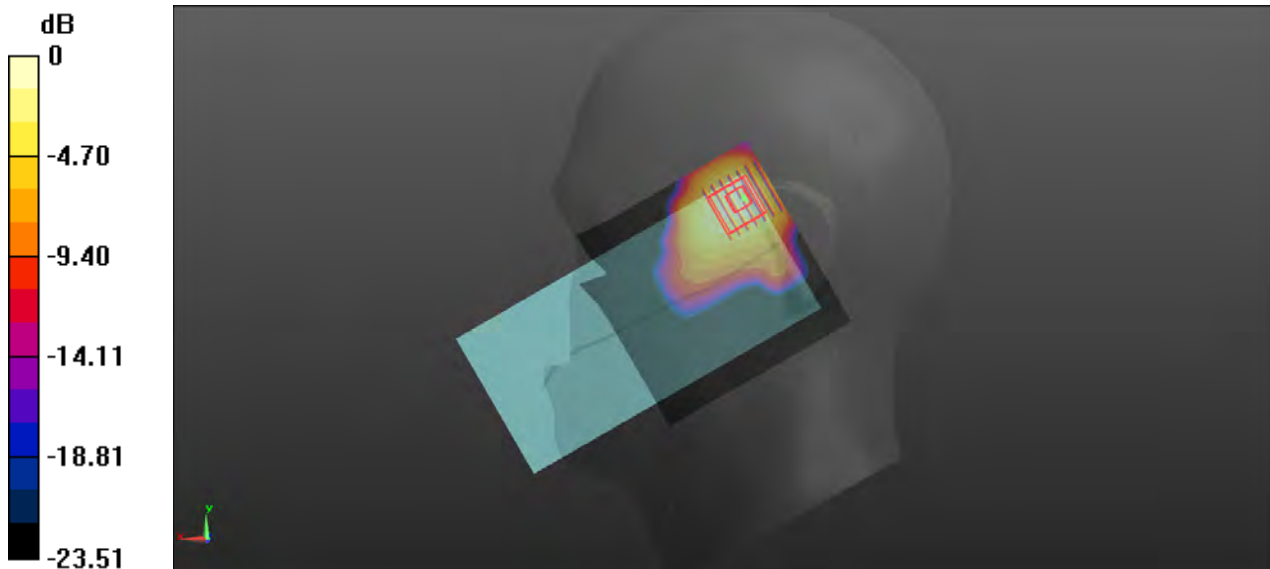
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.460 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg

P17 GSM850_GPRS 4Tx slot_Rear Face_1cm_Ch251_Ant2

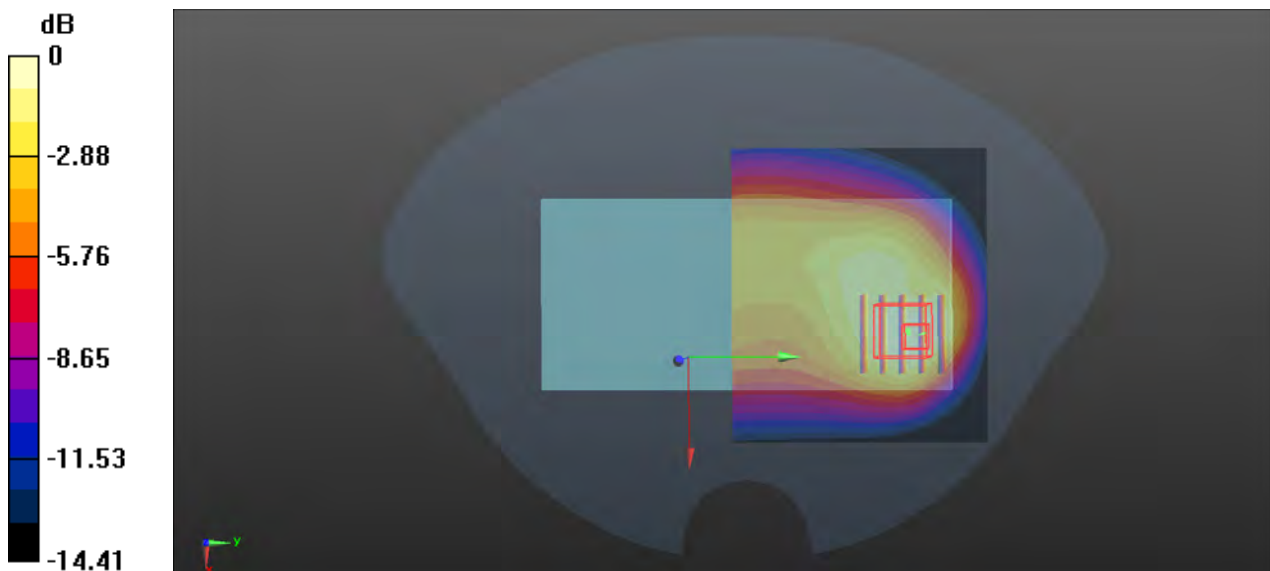
Communication System: GPRS 4Tx-slot; Frequency: 848.8 MHz; Duty Cycle: 1:2.08
 Medium: HSL835_0825 Medium parameters used: $f = 849$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 42.801$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 848.8 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.534 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 15.81 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.838 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.291 W/kg
 Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg

P18 GSM1900_GPRS4Tx slot_Rear Face_1cm_Ch512_Ant1

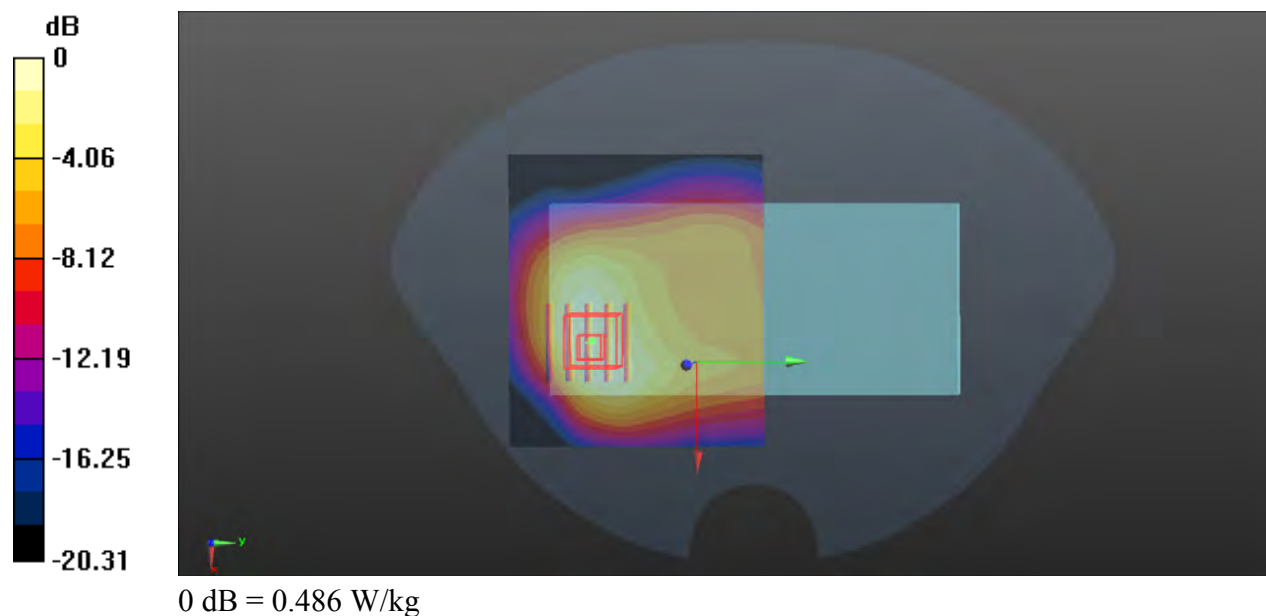
Communication System: GPRS 4Tx-slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
Medium: HSL1900_0829 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 39.731$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1850.2 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.518 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.284 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.811 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.486 W/kg



P19 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Ant1

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL1900_0829 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.719$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1852.4 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.608 W/kg

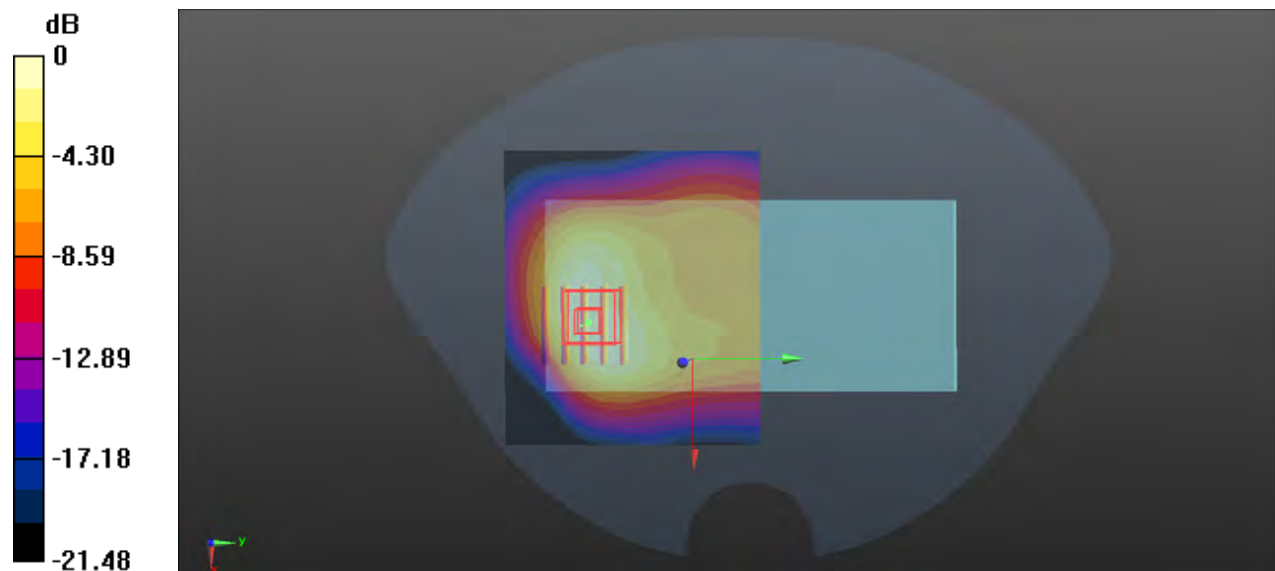
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.06 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.900 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg

P20 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1413_Ant2

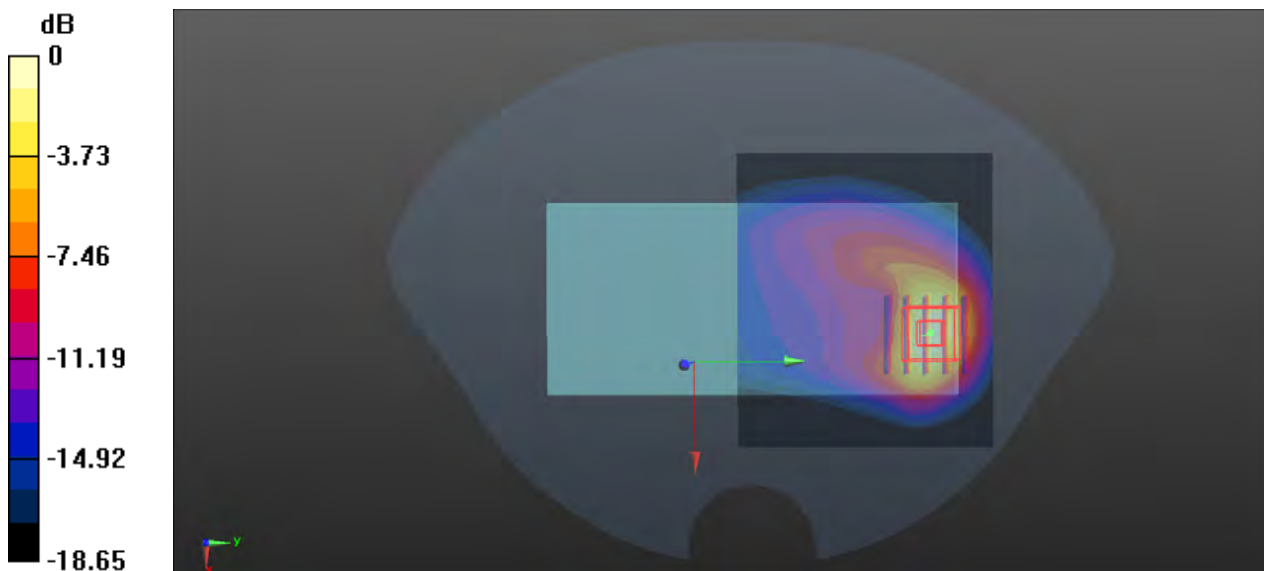
Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL1750_0827 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 41.252$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1732.6 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.650 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.477 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.665 W/kg



P21 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_Ant2

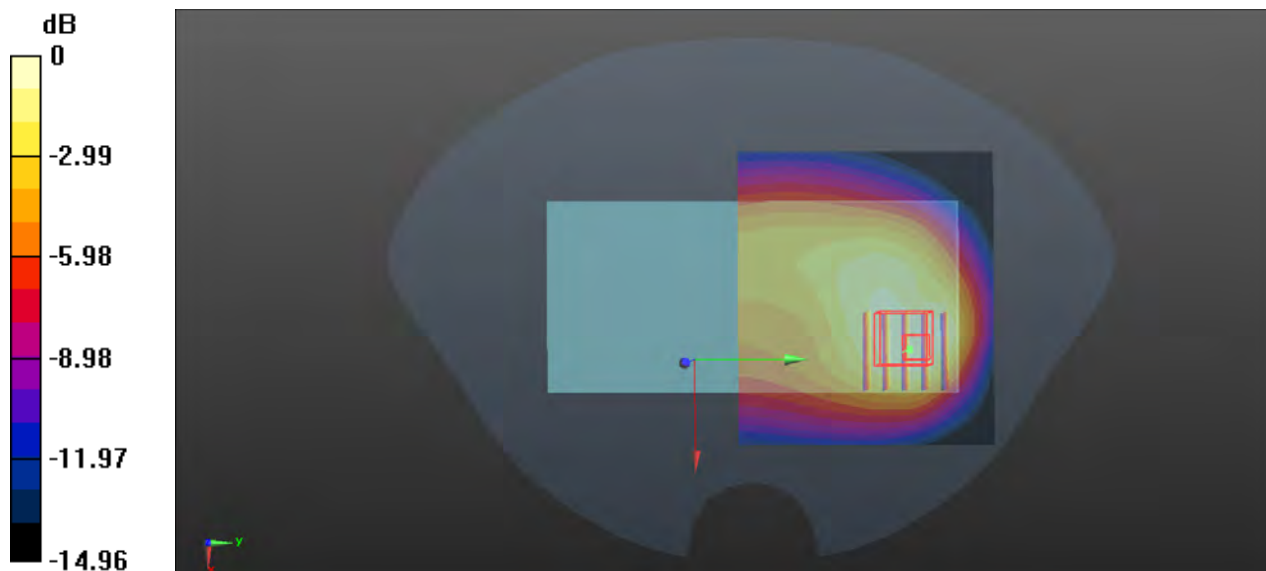
Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium: HSL835_0825 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.948$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 836.4 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.367 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.90 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.212 W/kg
 Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.362 W/kg

P22 LTE 2_QPSK20M_Rear Face_1cm_Ch18700_50RB_OS0_Ant1

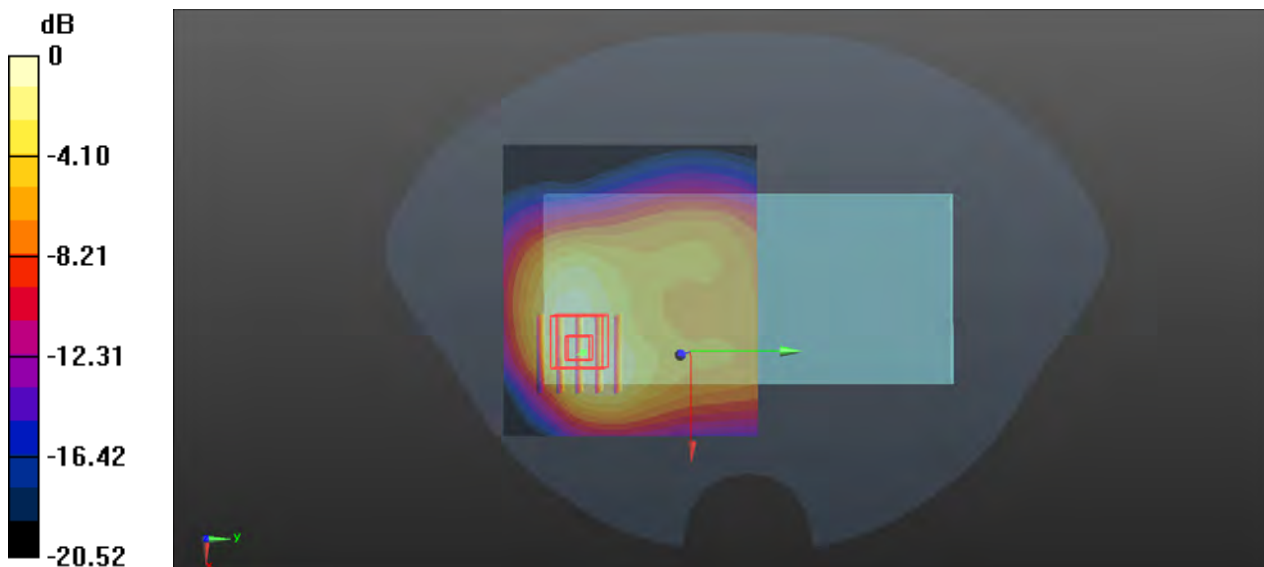
Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1
Medium: HSL1900_0830 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.346$ S/m; $\epsilon_r = 39.656$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1860 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.522 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.319 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg

P23 LTE 7_QPSK20M_Rear Face_1cm_Ch21350_50RB_OS25_Ant1

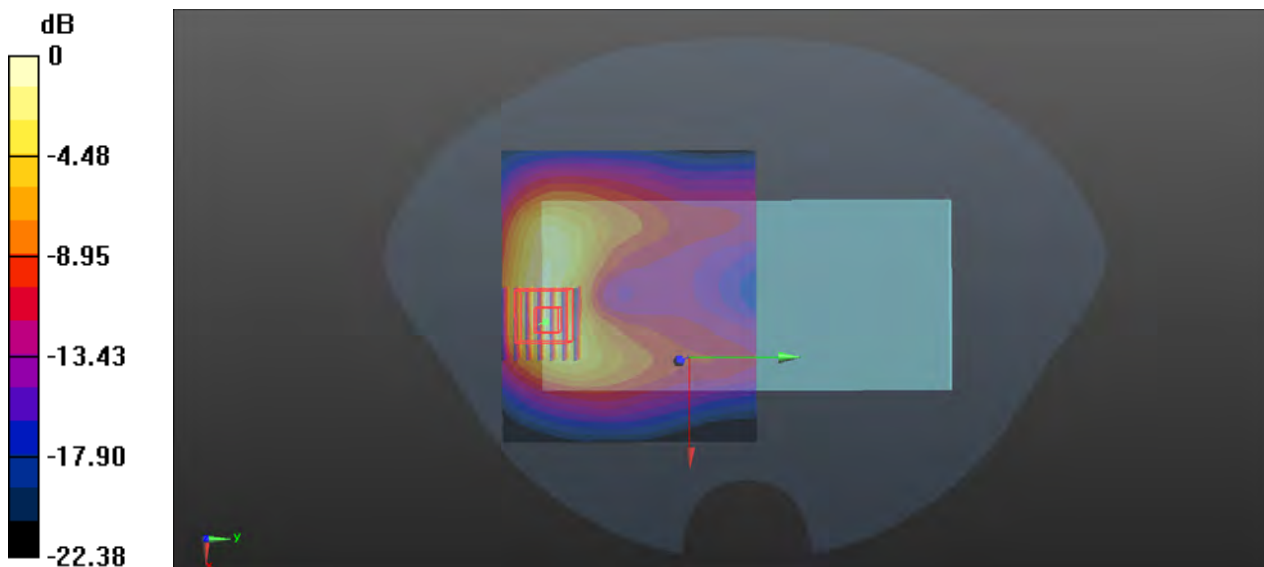
Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: HSL2600_0831 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 38.187$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2560 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.688 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.754 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.724 W/kg

P24 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_1RB_OS24_Ant2

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL750_0824 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 40.665$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.35, 11.35, 11.35) @ 782 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.344 W/kg

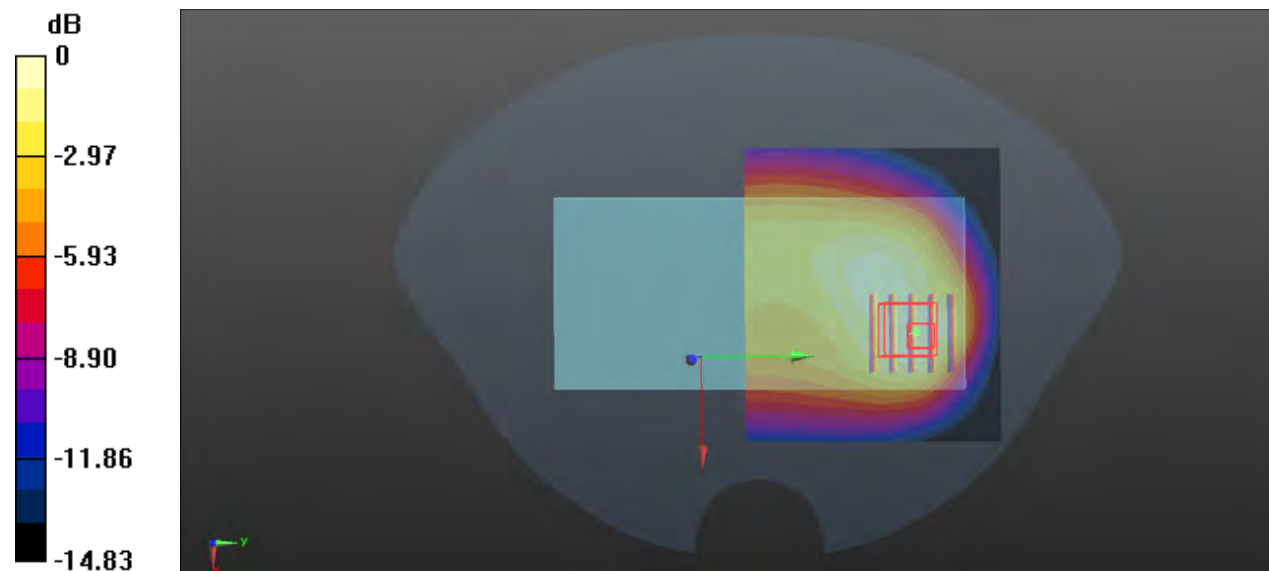
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.48 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.525 W/kg

SAR(1 g) = 0.293 W/kg ; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

P25 LTE 26_QPSK15M_Rear Face_1cm_Ch26865_1RB_OS37_Ant2

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835_0826 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 43.004$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 831.5 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.382 W/kg

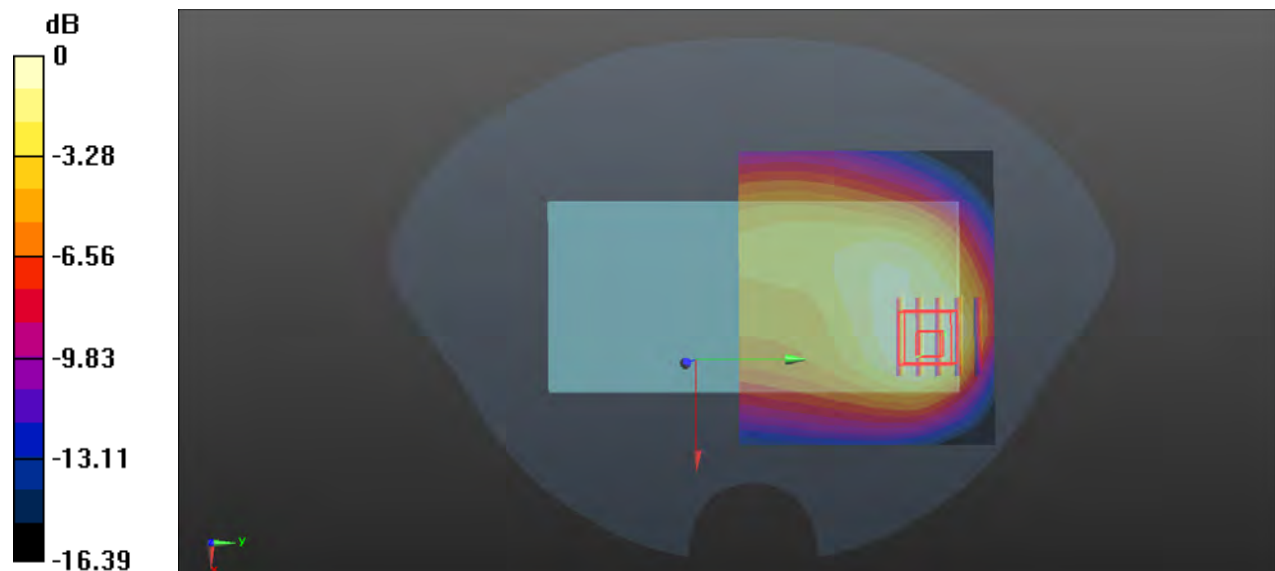
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.18 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.586 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg

P26 LTE 41_QPSK20M_Rear Face_1cm_Ch39750_50RB_OS25_Ant1

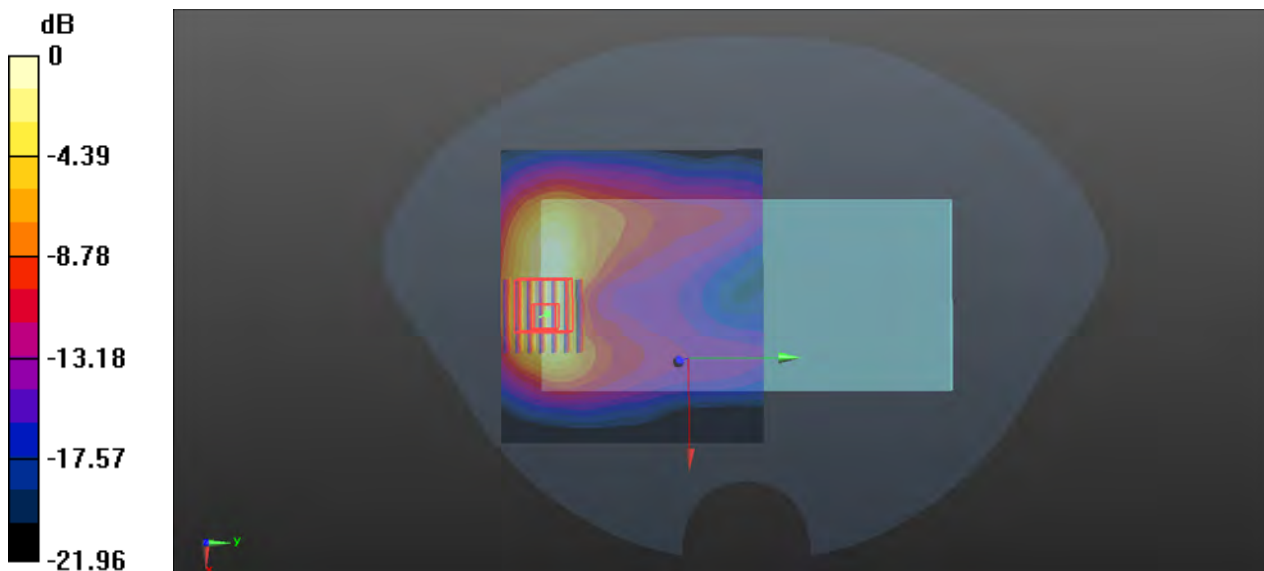
Communication System: LTE TDD; Frequency: 2506 MHz; Duty Cycle: 1:1.59
Medium: HSL2600_0901 Medium parameters used: $f = 2506$ MHz; $\sigma = 1.945$ S/m; $\epsilon_r = 38.326$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2506 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.503 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.748 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.923 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg

P27 LTE 66_QPSK20M_Rear Face_1cm_Ch132322_50RB_OS25_Ant2

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750_0828 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 41.205$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1745 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.553 W/kg

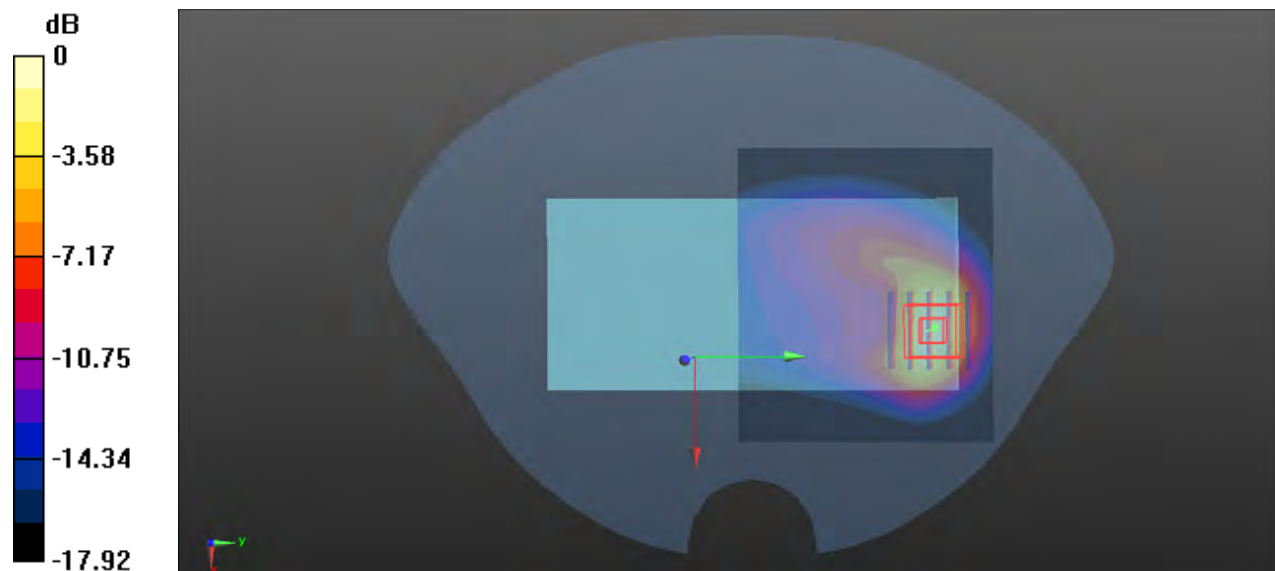
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.431 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.950 W/kg

SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.571 W/kg



0 dB = 0.571 W/kg

P28 WLAN2.4G_802.11b_Rear Face_1cm_Ch11_Ant3

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.005

Medium: HSL2450_0824 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.332$; $\rho = 1000$ kg/m³

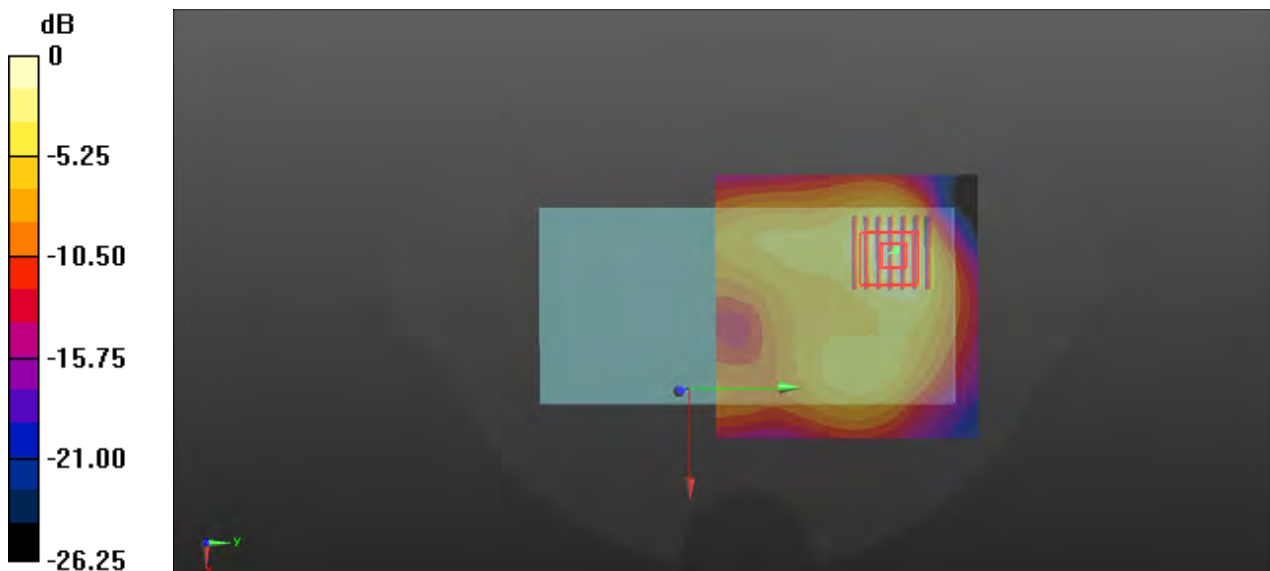
Ambient Temperature : 23.6°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2462 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.417 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.253 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.539 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.132 W/kg
Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg

P29 WLAN5G_802.11acVHT80_Rear Face_1cm_Ch58_Ant3

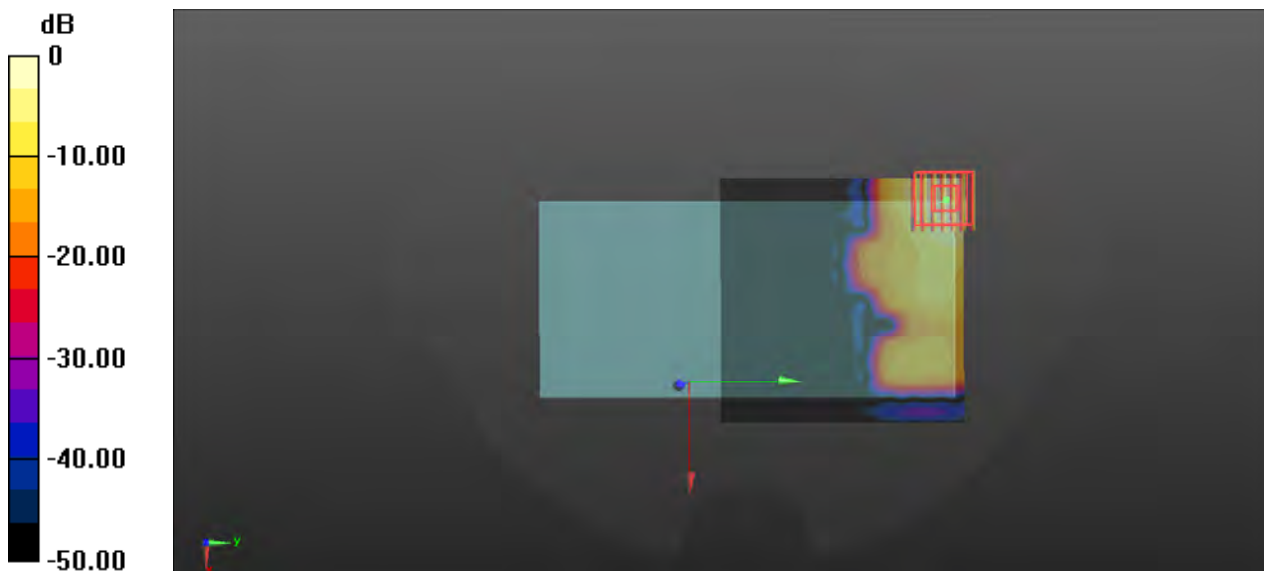
Communication System: 802.11ac_VHT80; Frequency: 5290 MHz; Duty Cycle: 1:1.036
Medium: HSL5G_0827 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.624$ S/m; $\epsilon_r = 36.194$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.7, 5.7, 5.7) @ 5290 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.681 W/kg

- **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) = 1.30 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.705 W/kg



0 dB = 0.705 W/kg

P30 WLAN5G_802.11a_Rear Face_1cm_Ch116_Ant3

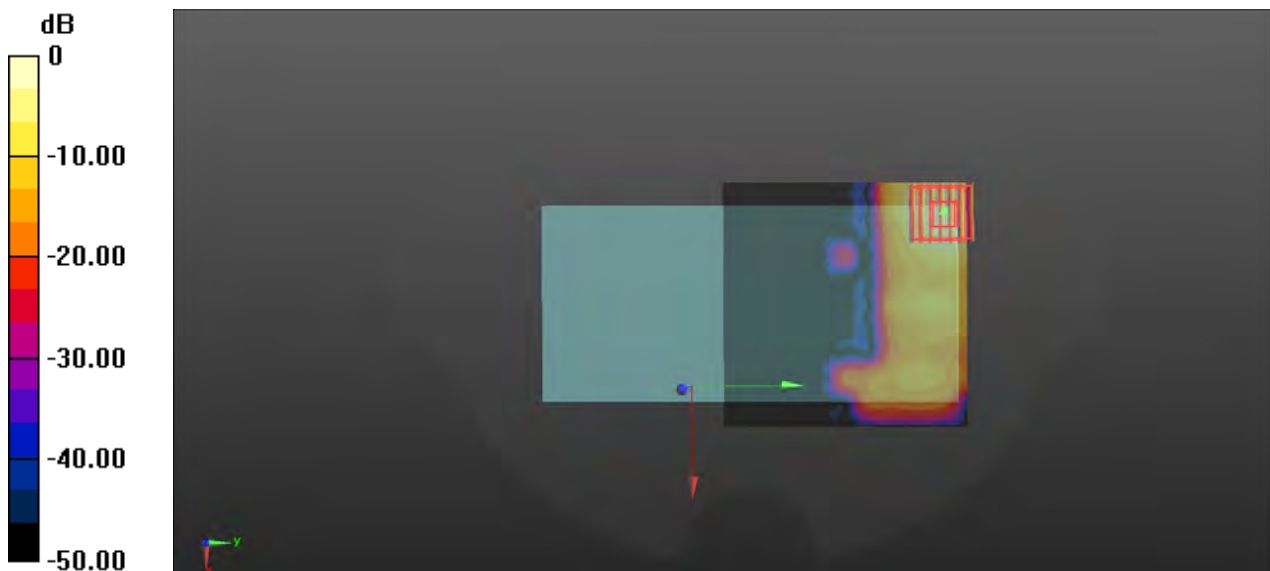
Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.036
Medium: HSL5G_0825 Medium parameters used: $f = 5580$ MHz; $\sigma = 4.984$ S/m; $\epsilon_r = 35.687$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.1, 5.1, 5.1) @ 5580 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x101x1)**: Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

- **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) = 1.92 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg

P31 WLAN5G_802.11acVHT80_Rear Face_1cm_Ch155_Ant3

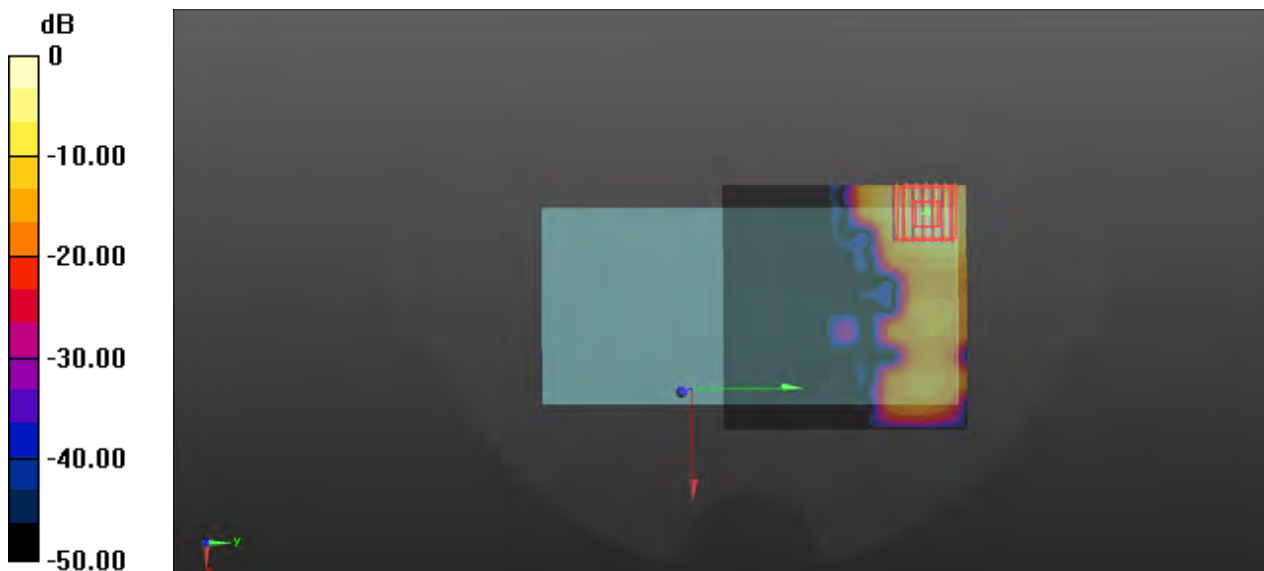
Communication System: 802.11ac_VHT80; Frequency: 5775 MHz; Duty Cycle: 1:1.156
Medium: HSL5G_0826 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.159$ S/m; $\epsilon_r = 35.315$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.21, 5.21, 5.21) @ 5775 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.878 W/kg

- **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) = 1.77 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.889 W/kg



P32 BT_GFSK_Rear Face_1cm_Ch39_Ant3

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL2450_0824 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 39.356$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2441 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0644 W/kg

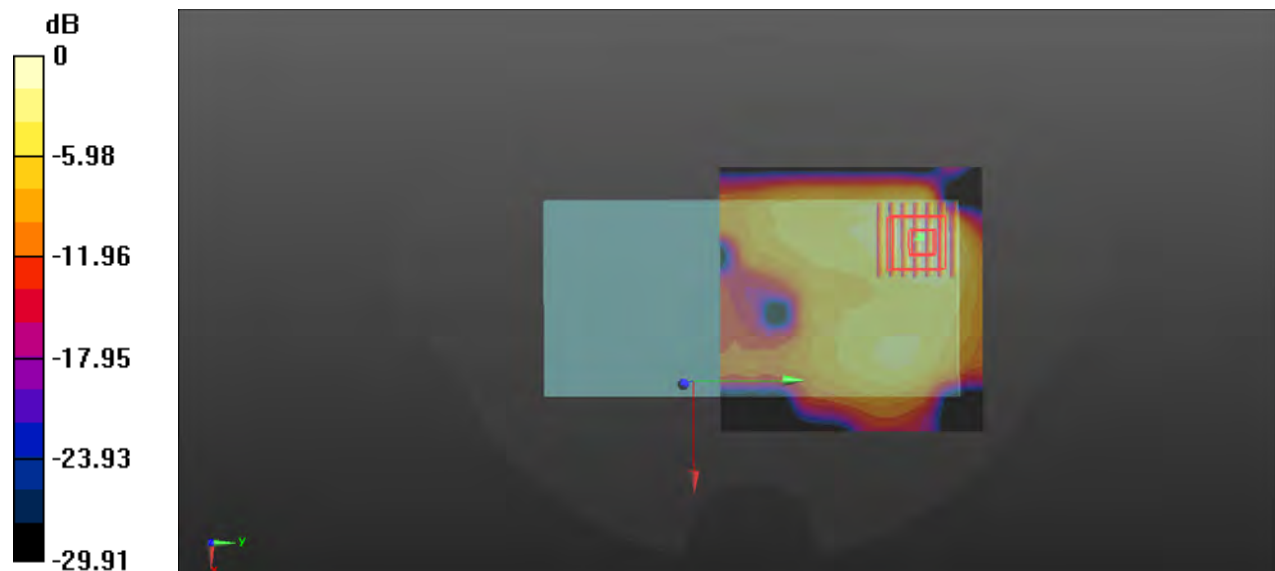
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.279 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0541 W/kg



0 dB = 0.0541 W/kg

P33 GSM850_GPRS 4Tx slot_Rear Face_1cm_Ch251_Ant2

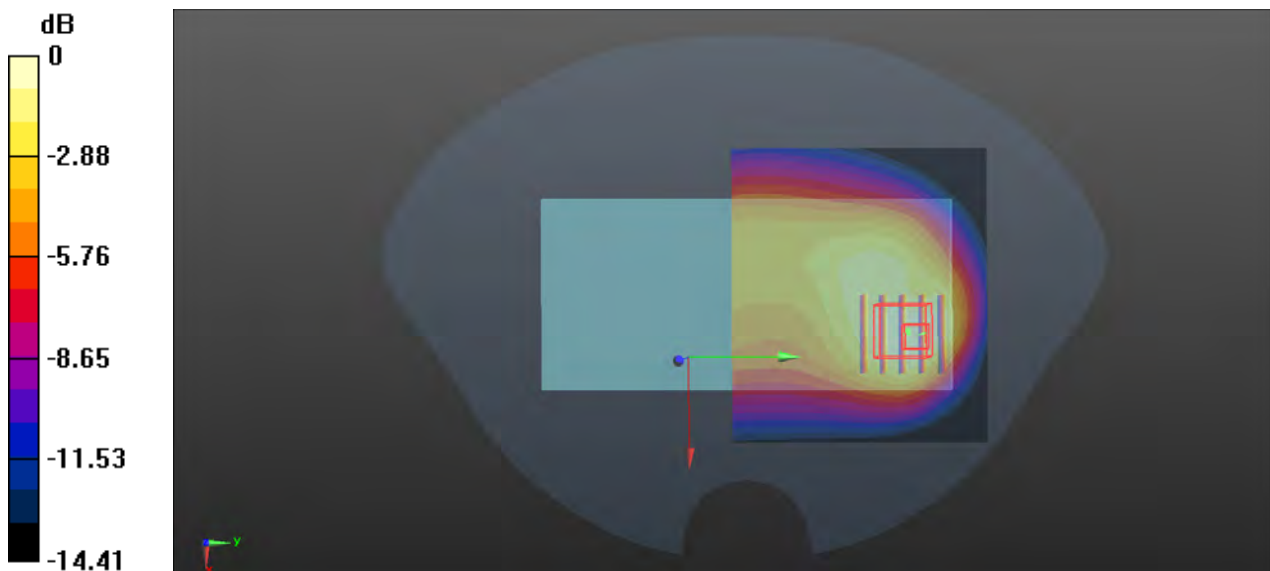
Communication System: GPRS 4Tx-slot; Frequency: 848.8 MHz; Duty Cycle: 1:2.08
 Medium: HSL835_0825 Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.944 \text{ S/m}$; $\epsilon_r = 42.801$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 23.3°C ; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 848.8 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.534 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.81 V/m ; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.838 W/kg
SAR(1 g) = 0.482 W/kg ; SAR(10 g) = 0.291 W/kg
 Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg

P34 GSM1900_GPRS 4Tx slot_Top Side_1cm_Ch512_Ant2

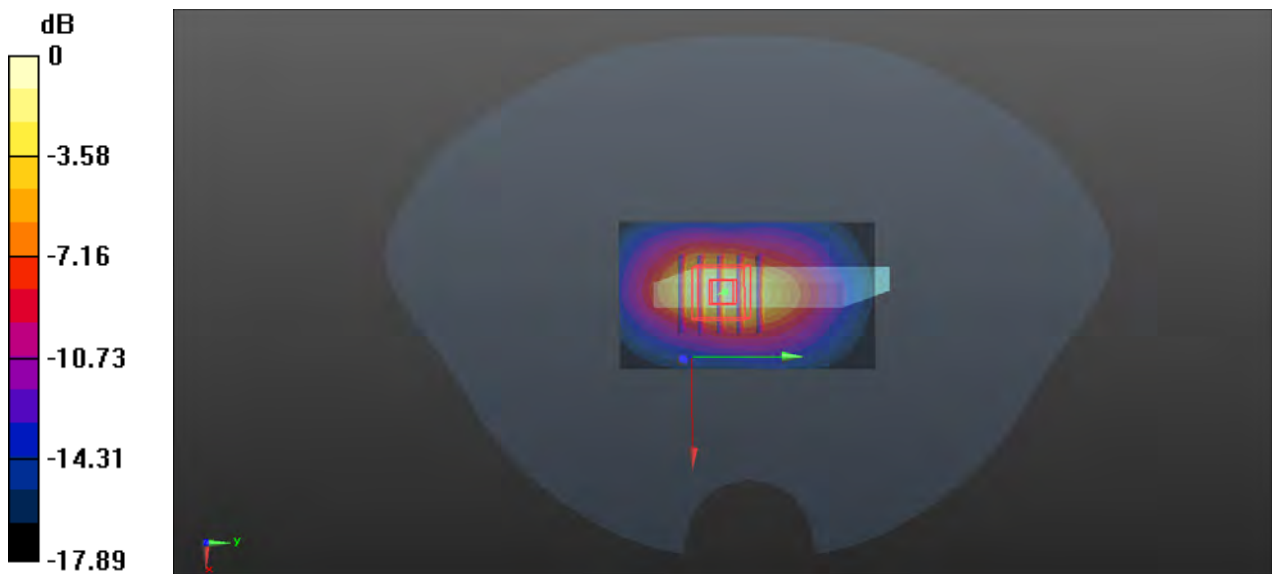
Communication System: GPRS 4Tx-slot; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08
 Medium: HSL1900_0829 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 39.731$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1850.2 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.640 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 19.99 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.272 W/kg
 Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.633 W/kg

P35 WCDMA II_RMC12.2K_Bottom Side_1cm_Ch9262_Ant1

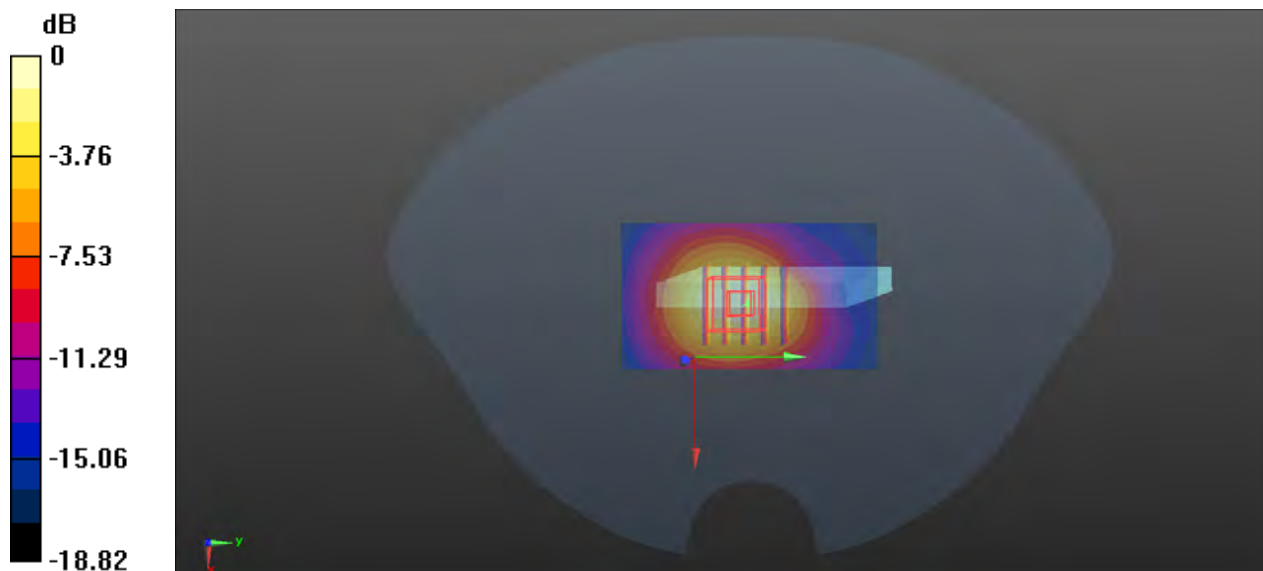
Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium: HSL1900_0829 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 39.719$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1852.4 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.616 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 20.80 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 0.913 W/kg
SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.294 W/kg
 Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.579 W/kg

P36 WCDMA IV_RMC12.2K_Top Side_1.9cm_Ch1413_Ant2

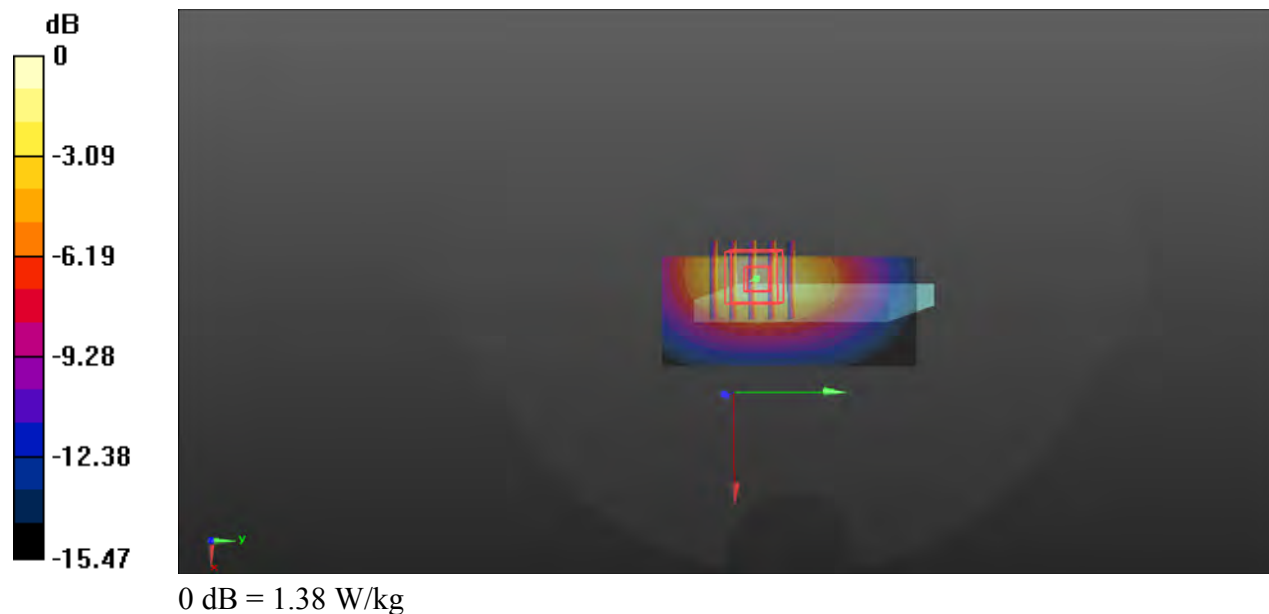
Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium: HSL1750_0827 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 40.994$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1732.6 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (31x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.97 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.591 W/kg
Maximum value of SAR (measured) = 1.38 W/kg



P37 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4182_Ant2

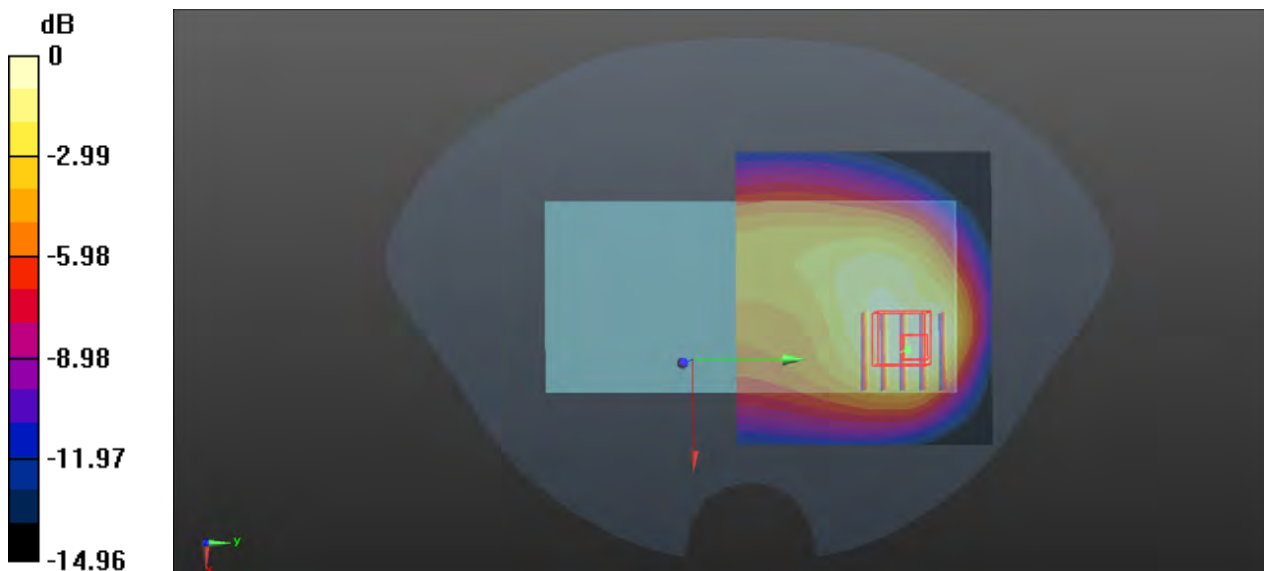
Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL835_0825 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.948$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 836.4 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.367 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.90 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.362 W/kg

P38 LTE 2_QPSK20M_Top Side_1cm_Ch19100_50RB_OS0_Ant2

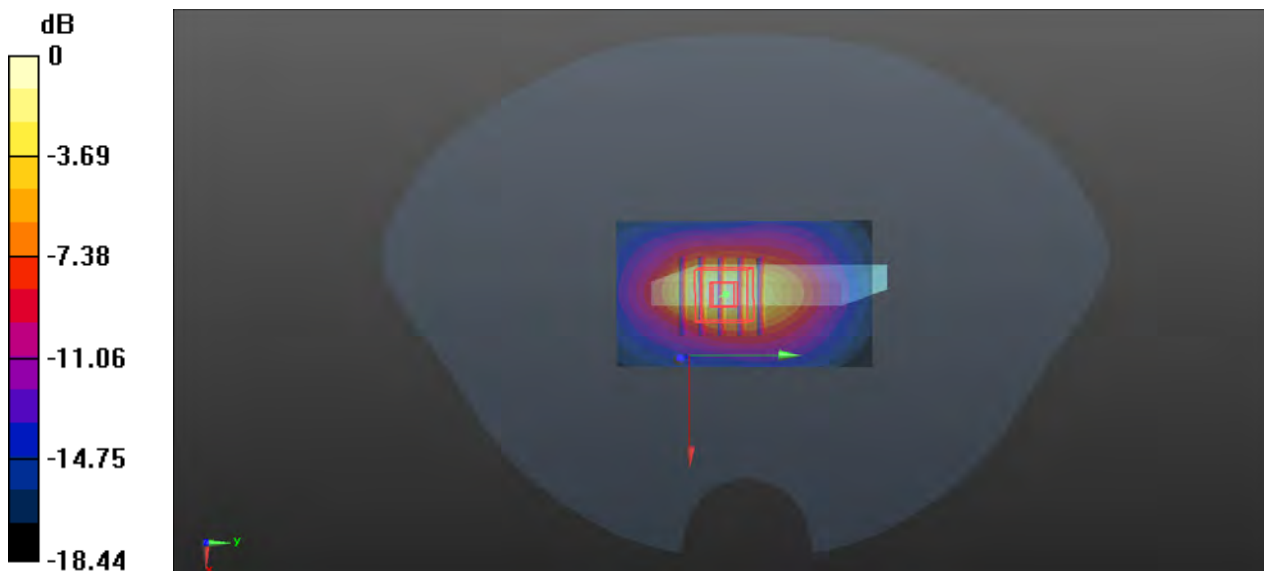
Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: HSL1900_0830 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.393$ S/m; $\epsilon_r = 39.493$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.68, 8.68, 8.68) @ 1900 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.600 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.22 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.597 W/kg



P39 LTE 7_QPSK20M_Bottom Side_1cm_Ch21350_50RB_OS25_Ant1

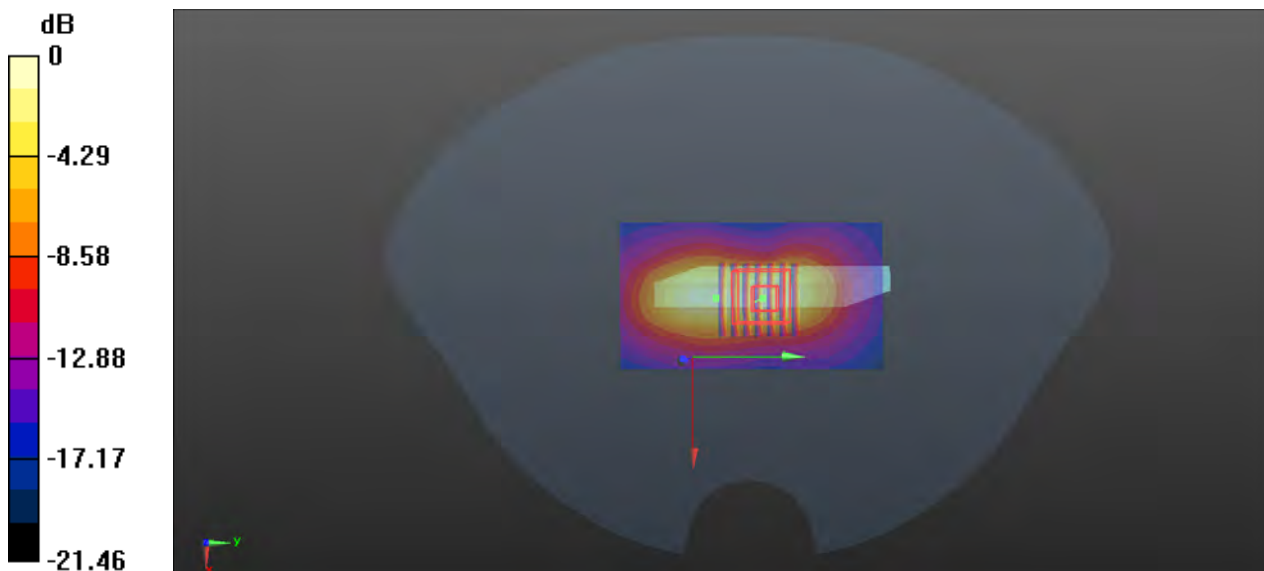
Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1
Medium: HSL2600_0831 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 38.187$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2560 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.14 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.385 W/kg
Maximum value of SAR (measured) = 0.994 W/kg



0 dB = 0.994 W/kg

P40 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_1RB_OS24_Ant2

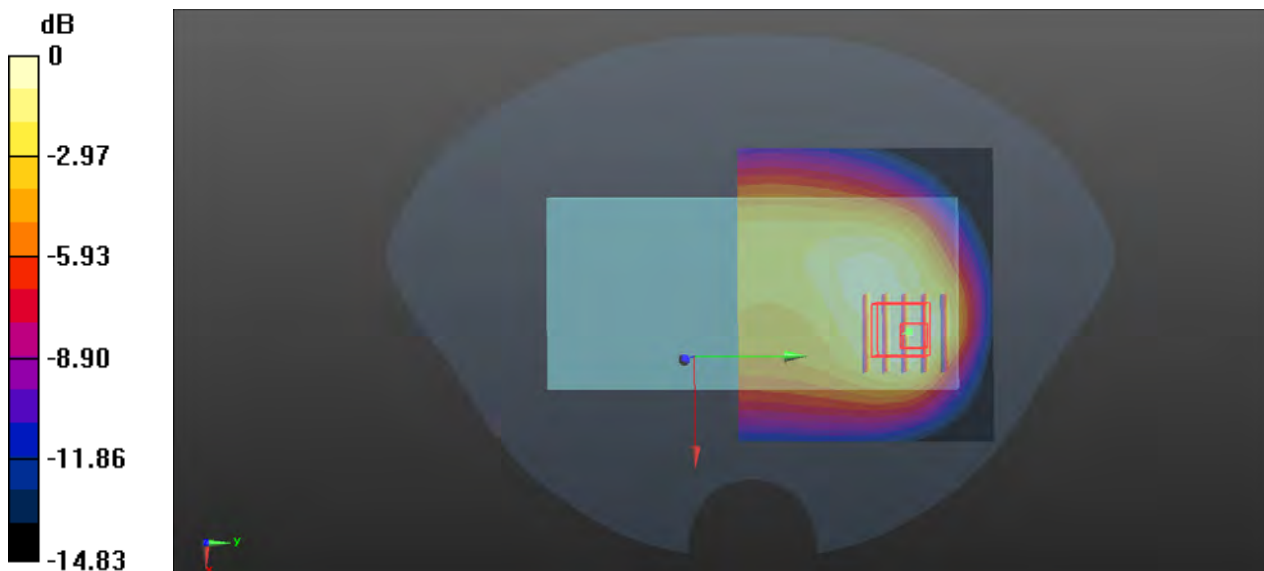
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1
Medium: HSL750_0824 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 40.665$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.4°C ; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(11.35, 11.35, 11.35) @ 782 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.344 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 13.48 V/m ; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.525 W/kg
SAR(1 g) = 0.293 W/kg ; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg

P41 LTE 26_QPSK15M_Rear Face_1cm_Ch26865_1RB_OS37_Ant2

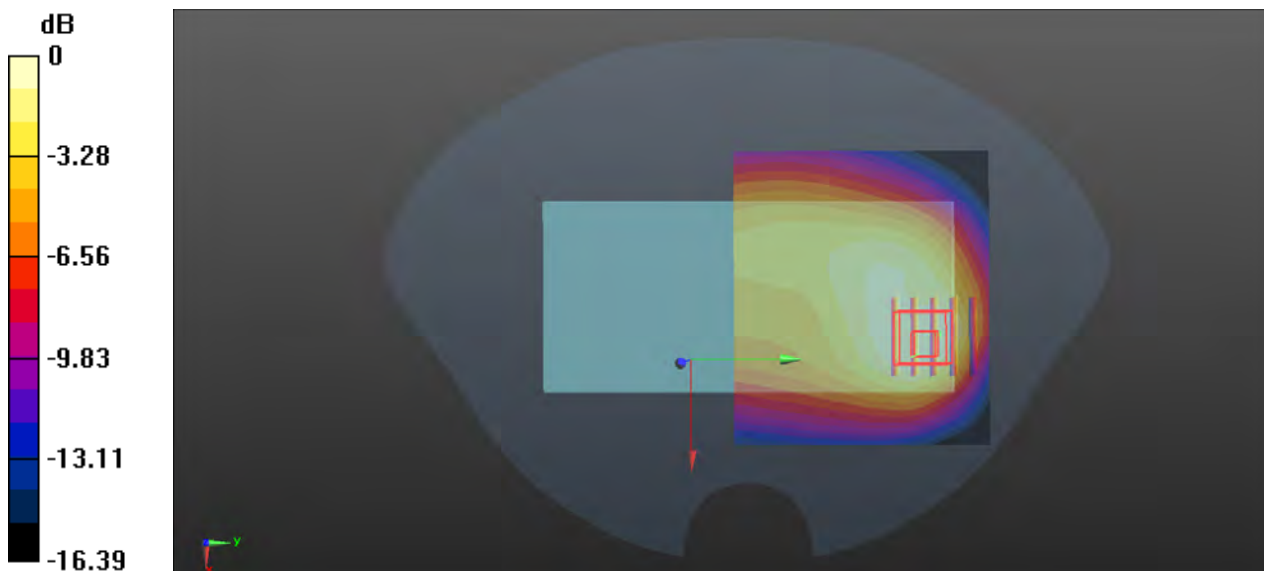
Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL835_0826 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 43.004$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(10.88, 10.88, 10.88) @ 831.5 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.382 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.18 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg

P42 LTE 41_QPSK20M_Bottom Side_1cm_Ch40185_1RB_OS50_Ant1

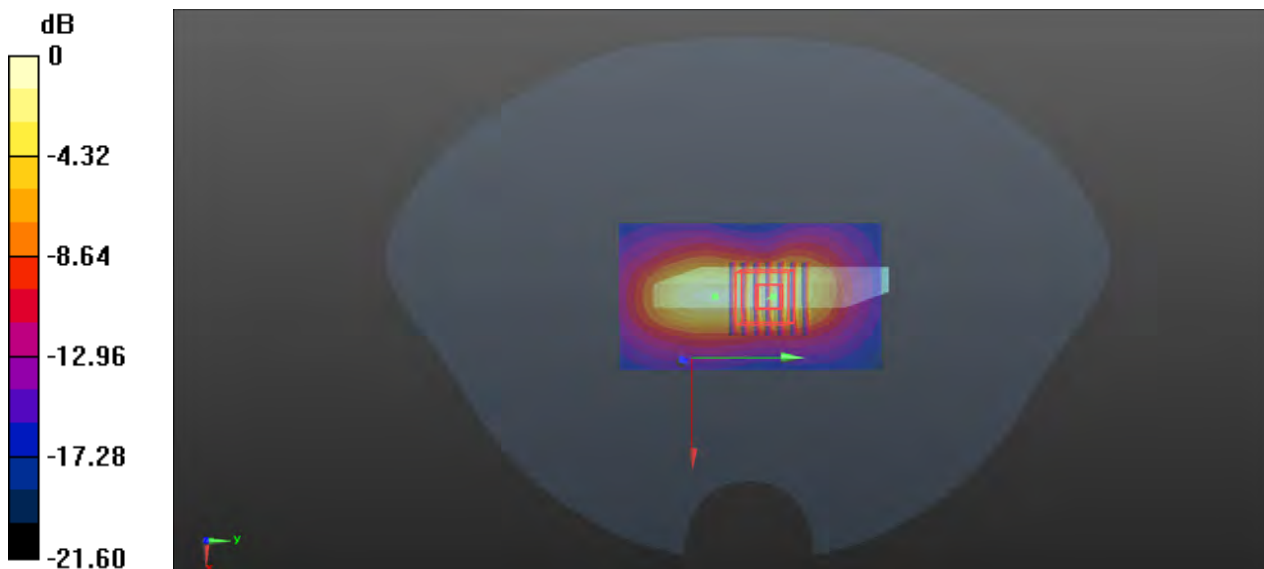
Communication System: LTE TDD; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59
Medium: HSL2600_0901 Medium parameters used: $f = 2549.5$ MHz; $\sigma = 1.995$ S/m; $\epsilon_r = 38.225$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.7°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2549.5 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.961 W/kg

- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.90 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.350 W/kg
Maximum value of SAR (measured) = 0.923 W/kg



P43 LTE 66_QPSK20M_Top Side_1.9cm_Ch132322_1RB_OS0_Ant2

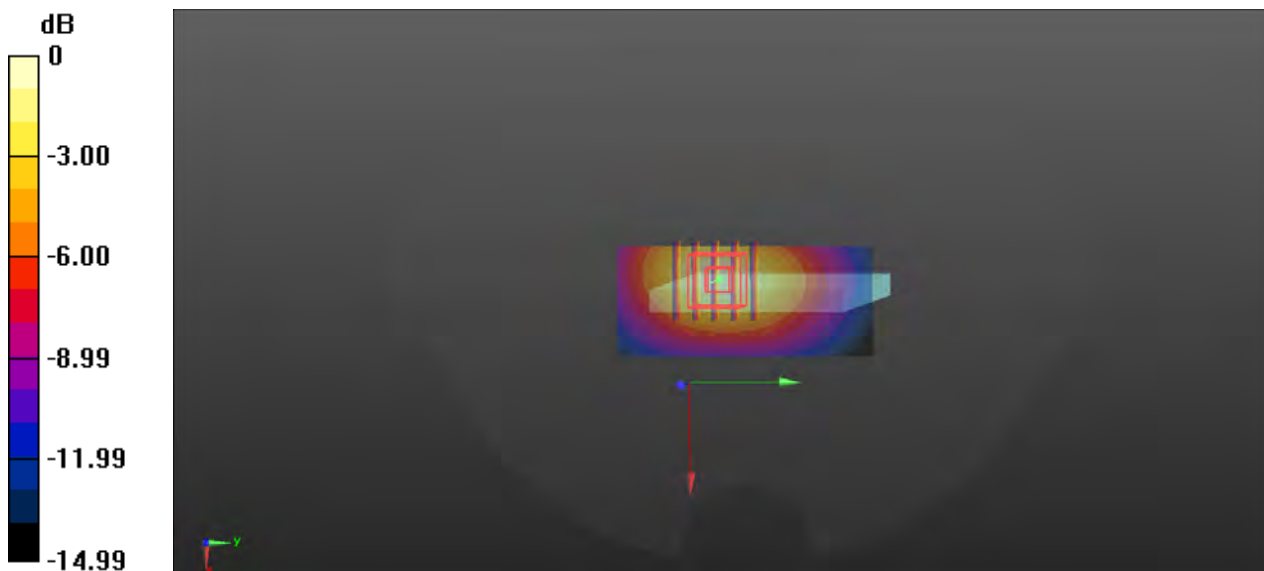
Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1
Medium: HSL1750_0828 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6°C; Liquid Temperature : 22.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(9.05, 9.05, 9.05) @ 1745 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (31x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.11 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.523 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



P44 WLAN2.4G_802.11b_Rear Face_1cm_Ch11_Ant3

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.005

Medium: HSL2450_0824 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.332$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2462 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1)**: Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.417 W/kg

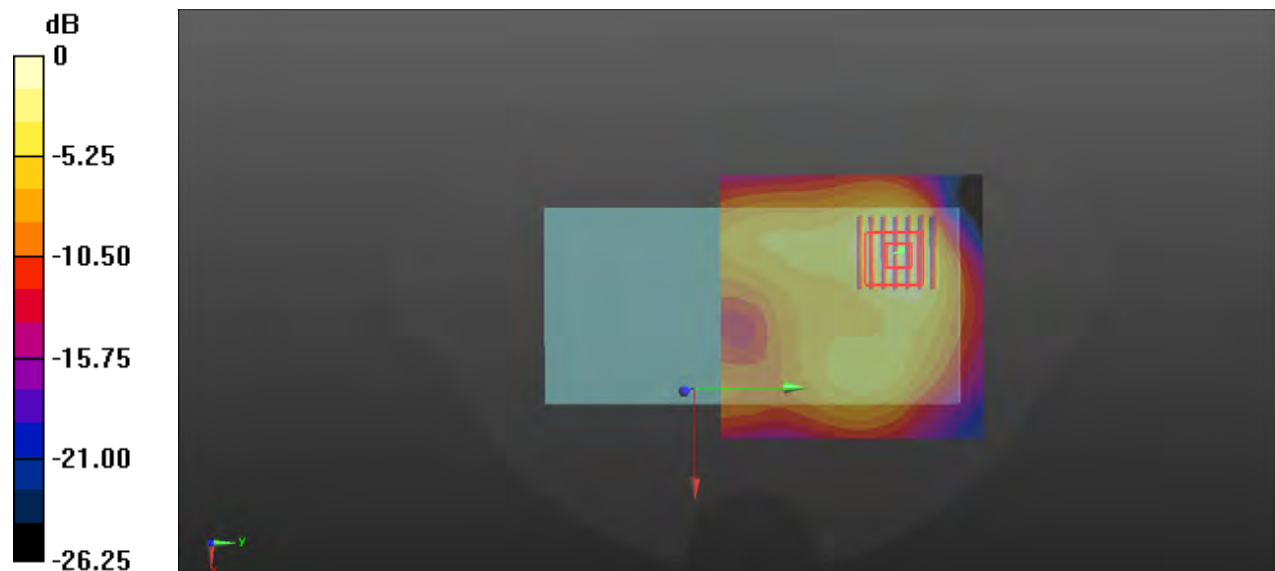
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.253 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg

P45 WLAN5G_802.11n HT40_Top Side_1cm_Ch38_Ant3

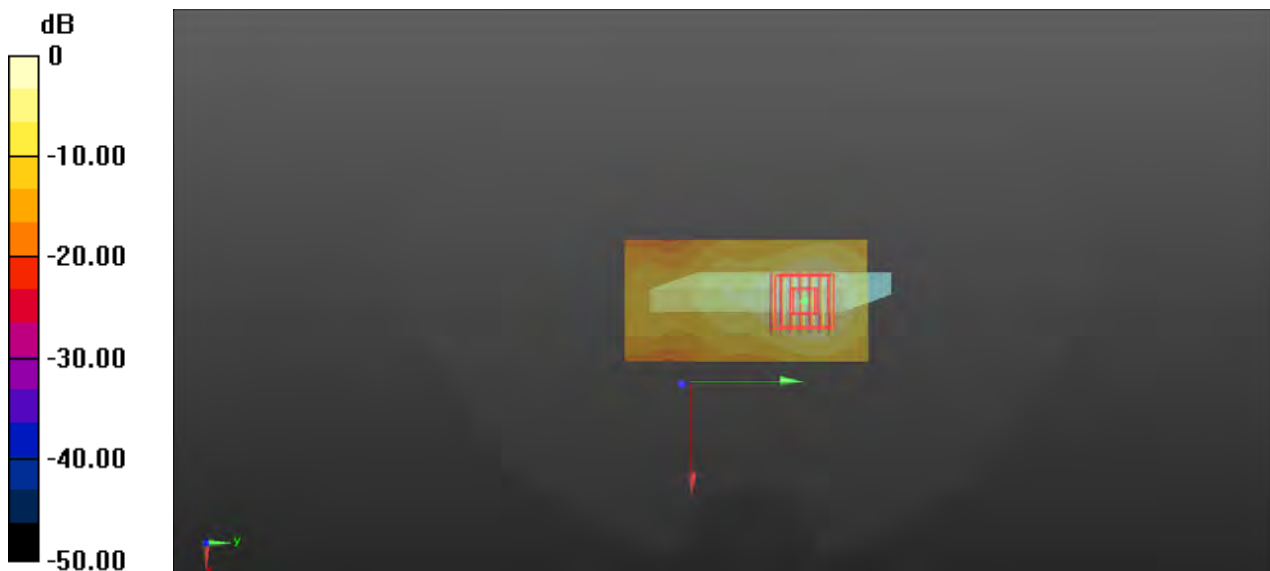
Communication System: 802.11n_HT40; Frequency: 5190 MHz; Duty Cycle: 1:1.036
Medium: HSL5G_0827 Medium parameters used: $f = 5190$ MHz; $\sigma = 4.555$ S/m; $\epsilon_r = 36.462$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.7, 5.7, 5.7) @ 5190 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (51x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.851 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.539 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.137 W/kg
Maximum value of SAR (measured) = 0.753 W/kg



0 dB = 0.753 W/kg

P46 WLAN5G_802.11acVHT80_Rear Face_1cm_Ch155_Ant3

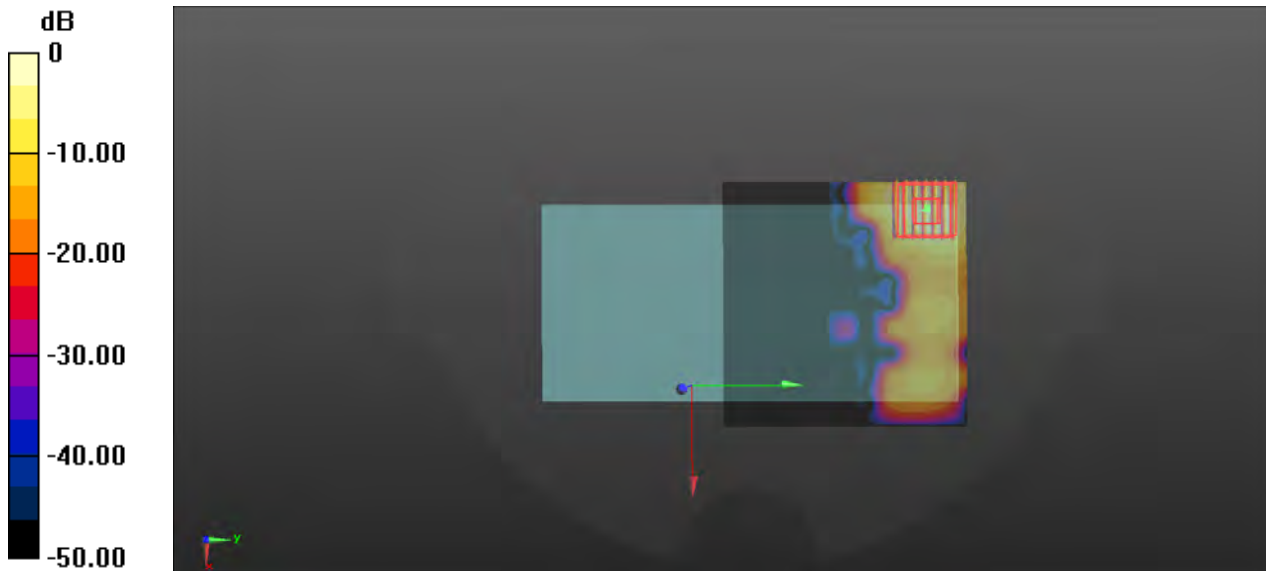
Communication System: 802.11ac_VHT80; Frequency: 5775 MHz; Duty Cycle: 1:1.156
Medium: HSL5G_0826 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.159$ S/m; $\epsilon_r = 35.315$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(5.21, 5.21, 5.21) @ 5775 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.878 W/kg

- **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) = 1.77 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.889 W/kg



0 dB = 0.889 W/kg

P47 BT_GFSK_Rear Face_1cm_Ch39_Ant3

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL2450_0824 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 39.356$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7612; ConvF(8.11, 8.11, 8.11) @ 2441 MHz; Calibrated: 2023/02/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1633; Calibrated: 2023/02/08
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2018
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0644 W/kg

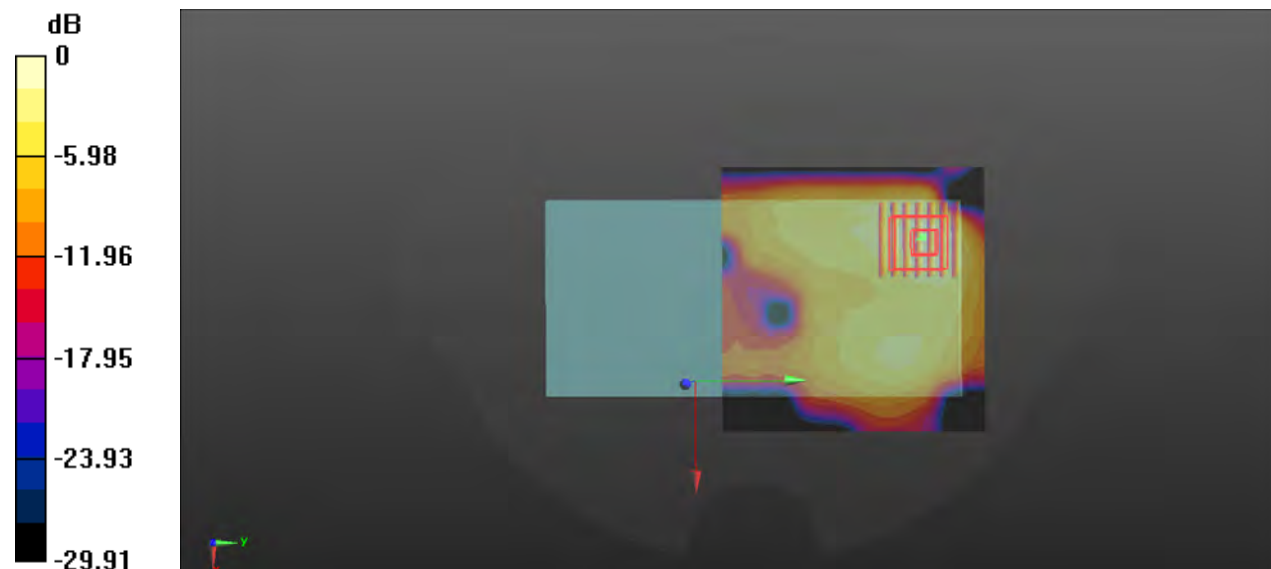
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.279 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0541 W/kg



0 dB = 0.0541 W/kg