



FCC SAR Test Report



Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Ch.	RB#	RB Offset	Power Reduction	Antenna	Sample	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
21	WLAN5G	802.11ac80	Rear Face	1	155	-	-	Ful	-	1	88.89	15.5	14.11	0	0.219	1.12	1.38	0.34
	WLAN5G	802.11ac80	Rear Face	1	155	-	-	Ful	-	2	88.89	15.5	14.11	-0.06	0.204	1.12	1.38	0.32
22	BT	GFSK	Rear Face	1	39	-	-	Full	-	1	76.8	10.5	9.28	-0.02	0.034	1.30	1.32	0.06
	BT	GFSK	Rear Face	1	39	-	-	Full	-	2	76.8	10.5	9.28	0.09	0.028	1.30	1.32	0.05

4.6.4 SAR Results for Hotspot Exposure Condition (Separation Distance is 1.0 cm Gap)

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Ch.	RB#	RB Offset	Power Reduction	Antenna	Sample	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-1g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-1g (W/kg)
23	GSM850	GPRS 3Tx slot	Rear Face	1	189	-	-	Full	Ant0	1	-	29.5	28.97	0	0.228	1.00	1.13	0.26
	GSM850	GPRS 3Tx slot	Rear Face	1	189	-	-	Full	Ant0	2	-	29.5	28.97	0.05	0.211	1.00	1.13	0.24
24	WCDMA V	RMC12.2K	Rear Face	1	4132	-	-	Full	Ant0	1	-	25.5	24.16	0.01	0.218	1.00	1.36	0.30
	WCDMA V	RMC12.2K	Rear Face	1	4132	-	-	Full	Ant0	2	-	25.5	24.16	0	0.199	1.00	1.36	0.27
25	LTE 5	QPSK10M	Rear Face	1	20525	1	0	Full	Ant0	1	-	25.5	23.9	-0.02	0.244	1.00	1.45	0.35
	LTE 5	QPSK10M	Rear Face	1	20525	1	0	Full	Ant0	2	-	25.5	23.9	-0.13	0.229	1.00	1.45	0.33
	LTE 7	QPSK20M	Bottom Side	1	21350	1	50	Reduce	Ant0	1	-	19.5	18.09	0.04	0.455	1.00	1.38	0.63
26	LTE 7	QPSK20M	Bottom Side	1.9	21350	1	50	Full	Ant0	1	-	25.5	23.99	0.02	0.661	1.00	1.42	0.94
	LTE 7	QPSK20M	Bottom Side	1.9	20850	1	50	Full	Ant0	1	-	25.5	23.95	0.05	0.498	1.00	1.43	0.71
	LTE 7	QPSK20M	Bottom Side	1.9	21100	1	50	Full	Ant0	1	-	25.5	23.91	-0.01	0.639	1.00	1.44	0.92
	LTE 7	QPSK20M	Bottom Side	1.9	21350	1	50	Full	Ant0	2	-	25.5	23.99	0.08	0.655	1.00	1.42	0.93
	LTE 38	QPSK20M	Bottom Side	1	37850	1	50	Reduce	Ant0	1	62.9	21	19.72	0.03	0.568	1.00	1.34	0.77
	LTE 38	QPSK20M	Bottom Side	1.9	37850	1	50	Full	Ant0	1	62.9	25.5	23.84	0.06	0.644	1.01	1.47	0.95
	LTE 38	QPSK20M	Bottom Side	1.9	38000	1	50	Full	Ant0	1	62.9	25.5	23.73	-0.05	0.677	1.01	1.50	1.02
27	LTE 38	QPSK20M	Bottom Side	1.9	38150	1	50	Full	Ant0	1	62.9	25.5	23.78	0.06	0.722	1.01	1.49	1.08
	LTE 38	QPSK20M	Bottom Side	1.9	38150	1	50	Full	Ant0	2	62.9	25.5	23.78	0.04	0.720	1.01	1.49	1.08
28	LTE 41	QPSK20M	Bottom Side	1	40140	1	50	Reduce	Ant0	1	62.9	22	20.16	0.03	0.489	1.01	1.53	0.75
	LTE 41	QPSK20M	Bottom Side	1	40140	1	50	Reduce	Ant0	2	62.9	22	20.16	0.05	0.473	1.01	1.53	0.73
29	WLAN2.4G	802.11b	Rear Face	1	11	-	-	Full	-	1	99.64	19.5	18.01	-0.14	0.252	1.00	1.41	0.36
	WLAN2.4G	802.11b	Rear Face	1	11	-	-	Full	-	2	99.64	19.5	18.01	0.03	0.213	1.00	1.41	0.30
30	WLAN5G	802.11ac80	Rear Face	1	42	-	-	Full	-	1	88.89	15.5	14.08	0	0.189	1.12	1.39	0.29
	WLAN5G	802.11ac80	Rear Face	1	42	-	-	Full	-	2	88.89	15.5	14.08	-0.08	0.118	1.12	1.39	0.18
31	WLAN5G	802.11ac80	Top Side	1	155	-	-	Full	-	1	88.89	15.5	14.11	0.17	0.243	1.12	1.38	0.38
	WLAN5G	802.11ac80	Top Side	1	155	-	-	Full	-	2	88.89	15.5	14.11	-0.05	0.238	1.12	1.38	0.37
32	BT	GFSK	Rear Face	1	39	-	-	Full	-	1	76.8	10.5	9.28	-0.02	0.034	1.30	1.32	0.06
	BT	GFSK	Rear Face	1	39	-	-	Full	-	2	76.8	10.5	9.28	0.09	0.028	1.30	1.32	0.05

4.6.5 SAR Results for Extremity Exposure Condition (Separation Distance is 0 cm Gap)

Plot No.	Band	Mode	Test Position	Separation Distance (cm)	Ch.	RB#	RB Offset	Power Reduction	Antenna	Sample	Duty Cycle %	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Power Drift (dB)	Measured SAR-10g (W/kg)	Duty Cycle Scaling Factor	Tune-up Scaling Factor	Scaled SAR-10g (W/kg)
33	LTE 7	QPSK20M	Rear Face	0	21350	50	25	Reduce	Ant0	1	-	19.5	17.71	0	0.954	1.00	1.51	1.45
	LTE 7	QPSK20M	Rear Face	0	21350	50	25	Reduce	Ant0	2	-	19.5	17.71	0.06	0.939	1.00	1.51	1.43
34	LTE 38	QPSK20M	Rear Face	0	37850	50	25	Reduce	Ant0	1	62.9	21	19.58	0	1.000	1.00	1.39	1.40
	LTE 38	QPSK20M	Rear Face	0	37850	50	25	Reduce	Ant0	2	62.9	21	19.58	0	0.994	1.00	1.39	1.39
35	LTE 41	QPSK20M	Rear Face	0	40140	50	25	Reduce	Ant0	1	62.9	21.5	20.12	-0.05	0.905	1.00	1.37	1.25
	LTE 41	QPSK20M	Rear Face	0	40140	50	25	Reduce	Ant0	2	62.9	21.5	20.12	-0.09	0.886	1.00	1.37	1.22
36	WLAN5G	802.11ac80	Top Side	0	58	-	-	Full	-	1	88.89	15.5	14.15	-0.03	0.669	1.12	1.36	1.03
	WLAN5G	802.11ac80	Top Side	0	58	-	-	Full	-	2	88.89	15.5	14.15	-0.05	0.646	1.12	1.36	0.99
37	WLAN5G	802.11ac80	Top Side	0	106	-	-	Full	-	1	88.89	15.5	14.03	0.02	0.275	1.12	1.40	0.43
	WLAN5G	802.11ac80	Top Side	0	106	-	-	Full	-	2	88.89	15.5	14.03	0.09	0.268	1.12	1.40	0.42



4.6.6 SAR Measurement Variability

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10 , the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

1. When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
2. When the highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3. If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 , or when the original or repeated measurement is ≥ 1.45 W/kg, perform a second repeated measurement.
4. If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 , and the original, first or second repeated measurement is ≥ 1.5 W/kg, perform a third repeated measurement.

Band	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio	2nd Repeated SAR-1g (W/kg)	L/S Ratio	3rd Repeated SAR-1g (W/kg)	L/S Ratio
GSM850	Right Cheek	189	0.946	0.901	1.05	N/A	N/A	N/A	N/A

4.6.7 Simultaneous Multi-band Transmission Evaluation

<SAR Summation Analysis>

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR_{1g} of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR_{1g} 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR_{1g} is greater than the SAR limit (SAR_{1g} 1.6 W/kg), SAR test exclusion is determined by the SPLSR.

<Head>

WWAN Band	Exposure Position	1	2	3	4	1+2+4 Summed 1g SAR (W/kg)	1+3+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	Right Cheek	1.054	0.202	0.432	0.031	1.29	1.52
	Right Tilted	0.525	0.183	0.471	0.024	0.73	1.02
	Left Cheek	0.753	0.673	0.564	0.168	1.59	1.49
	Left Tilted	0.567	0.451	0.622	0.052	1.07	1.24
WCDMA V	Right Cheek	0.935	0.202	0.432	0.031	1.17	1.40
	Right Tilted	0.548	0.183	0.471	0.024	0.75	1.04
	Left Cheek	0.620	0.673	0.564	0.168	1.46	1.35
	Left Tilted	0.492	0.451	0.622	0.052	0.99	1.17
LTE Band 5	Right Cheek	0.918	0.202	0.432	0.031	1.15	1.38
	Right Tilted	0.588	0.183	0.471	0.024	0.79	1.08
	Left Cheek	0.743	0.673	0.564	0.168	1.59	1.48
	Left Tilted	0.651	0.451	0.622	0.052	1.15	1.32
LTE Band 7	Right Cheek	0.620	0.202	0.432	0.031	0.85	1.08
	Right Tilted	0.699	0.183	0.471	0.024	0.91	1.19
	Left Cheek	0.473	0.673	0.564	0.168	1.31	1.21
	Left Tilted	0.542	0.451	0.622	0.052	1.04	1.22
LTE Band 38	Right Cheek	0.721	0.202	0.432	0.031	0.95	1.18
	Right Tilted	0.685	0.183	0.471	0.024	0.89	1.18
	Left Cheek	0.546	0.673	0.564	0.168	1.39	1.28
	Left Tilted	0.609	0.451	0.622	0.052	1.11	1.28
LTE Band 41	Right Cheek	0.640	0.202	0.432	0.031	0.87	1.10
	Right Tilted	0.760	0.183	0.471	0.024	0.97	1.25
	Left Cheek	0.489	0.673	0.564	0.168	1.33	1.22
	Left Tilted	0.557	0.451	0.622	0.052	1.06	1.23


<Body worn>

WWAN Band	Exposure Position	1	2	3	4	1+2+4 Summed 1g SAR (W/kg)	1+3+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	0.180	0.086	0.203	0.010	0.28	0.39
	Back at 10mm	0.258	0.356	0.473	0.059	0.67	0.79
WCDMA V	Front at 10mm	0.273	0.086	0.203	0.010	0.37	0.49
	Back at 10mm	0.297	0.356	0.473	0.059	0.71	0.83
LTE Band 5	Front at 10mm	0.267	0.086	0.203	0.010	0.36	0.48
	Back at 10mm	0.353	0.356	0.473	0.059	0.77	0.89
LTE Band 7	Front at 10mm	0.988	0.086	0.203	0.010	1.08	1.20
	Back at 10mm	0.486	0.356	0.473	0.059	0.90	1.02
	Back at 15mm	0.987	0.356	0.473	0.059	1.40	1.52
LTE Band 38	Front at 10mm	0.719	0.086	0.203	0.010	0.82	0.93
	Back at 10mm	0.656	0.356	0.473	0.059	1.07	1.19
	Back at 15mm	1.048	0.356	0.473	0.059	1.46	1.58
LTE Band 41	Front at 10mm	0.611	0.086	0.203	0.010	0.71	0.82
	Back at 10mm	0.684	0.356	0.473	0.059	1.10	1.22
	Back at 15mm	0.646	0.356	0.473	0.059	1.06	1.18

<Hotspot>

WWAN Band	Exposure Position	1	2	3	4	1+2+4 Summed 1g SAR (W/kg)	1+3+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	0.180	0.086	0.195	0.010	0.28	0.39
	Back at 10mm	0.258	0.356	0.339	0.059	0.67	0.66
	Left side at 10mm	0.129				0.13	0.13
	Right side at 10mm	0.176	0.228	0.209	0.026	0.43	0.41
	Top side at 10mm	0.169	0.151	0.376	0.019	0.34	0.56
	Bottom side at 10mm	0.230				0.23	0.23
WCDMA V	Front at 10mm	0.273	0.086	0.195	0.010	0.37	0.48
	Back at 10mm	0.297	0.356	0.339	0.059	0.71	0.69
	Left side at 10mm	0.195				0.19	0.19
	Right side at 10mm	0.201	0.228	0.209	0.026	0.45	0.44
	Top side at 10mm	0.270	0.151	0.376	0.019	0.44	0.67
	Bottom side at 10mm	0.281				0.28	0.28
LTE Band 5	Front at 10mm	0.267	0.086	0.195	0.010	0.36	0.47
	Back at 10mm	0.353	0.356	0.339	0.059	0.77	0.75
	Left side at 10mm	0.230				0.23	0.23
	Right side at 10mm	0.208	0.228	0.209	0.026	0.46	0.44
	Top side at 10mm	0.283	0.151	0.376	0.019	0.45	0.68

BUREAU
VERITAS

FCC SAR Test Report



Certificate # 3939.01

WWAN Band	Exposure Position	1	2	3	4	1+2+4 Summed 1g SAR (W/kg)	1+3+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)		
	Bottom side at 10mm	0.220				0.22	0.22
LTE Band 7	Front at 10mm	0.988	0.086	0.195	0.010	1.08	1.19
	Back at 10mm	0.480	0.356	0.339	0.059	0.90	0.88
	Left side at 10mm	0.399				0.40	0.40
	Right side at 10mm	0.203	0.228	0.209	0.026	0.46	0.44
	Top side at 10mm	0.237	0.151	0.376	0.019	0.41	0.63
	Bottom side at 10mm	0.628				0.63	0.63
	Back at 15mm	0.987	0.356	0.339	0.059	1.40	1.38
	Top Side at 15mm	0.582	0.151	0.376	0.019	0.75	0.98
	Bottom side at 19mm	0.936				0.94	0.94
LTE Band 38	Front at 10mm	0.719	0.086	0.195	0.010	0.81	0.92
	Back at 10mm	0.588	0.356	0.339	0.059	1.00	0.99
	Left side at 10mm	0.370				0.37	0.37
	Right side at 10mm	0.126	0.228	0.209	0.026	0.38	0.36
	Top side at 10mm	0.344	0.151	0.376	0.019	0.51	0.74
	Bottom side at 10mm	0.767				0.77	0.77
	Back at 15mm	1.048	0.356	0.339	0.059	1.46	1.45
	Top Side at 15mm	0.373	0.151	0.376	0.019	0.54	0.77
	Bottom side at 19mm	1.079				1.08	1.08
LTE Band 41	Front at 10mm	0.611	0.086	0.195	0.010	0.71	0.82
	Back at 10mm	0.684	0.356	0.339	0.059	1.10	1.08
	Left side at 10mm	0.344				0.34	0.34
	Right side at 10mm	0.074	0.228	0.209	0.026	0.33	0.31
	Top side at 10mm	0.320	0.151	0.376	0.019	0.49	0.72
	Bottom side at 10mm	0.751				0.75	0.75
	Back at 15mm	0.646	0.356	0.339	0.059	1.06	1.04
	Top Side at 15mm	0.319	0.151	0.376	0.019	0.49	0.71
	Bottom side at 19mm	0.721				0.72	0.72



<Extremity>

WWAN Band	Exposure Position	1	2	3	4	1+2+4 Summed 10g SAR (W/kg)	1+3+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)		
LTE Band 7	Front at 0mm			0.346		0.00	0.35
	Back at 0mm	1.449		0.350		1.45	1.80
	Right side at 0mm			0.863		0.00	0.86
	Top side at 0mm			1.027		0.00	1.03
	Bottom side at 0mm	1.341				1.34	1.34
LTE Band 38	Front at 0mm			0.346		0.00	0.35
	Back at 0mm	1.395		0.350		1.40	1.75
	Right side at 0mm			0.863		0.00	0.86
	Top side at 0mm			1.027		0.00	1.03
	Bottom side at 0mm	1.395				1.39	1.39
LTE Band 41	Front at 0mm			0.346		0.00	0.35
	Back at 0mm	1.251		0.350		1.25	1.60
	Right side at 0mm			0.863		0.00	0.86
	Top side at 0mm			1.027		0.00	1.03
	Bottom side at 0mm	1.698				1.70	1.70

Note:

1. Summed 1+2+4 covers Summed 1+2 / 1+4 / 2+4.
2. Summed 1+3+4 covers Summed 1+3 / 1+4 / 3+4.
3. Except for verified data, all of the data use for the Simultaneous Transmission analysis on this report was copied from the original report (Report No: W7L-P21100026SA01, FCC ID: 2AFZZ117SG).

Test Engineer : Rikou Lu, and Dennis Ye



5. Calibration of Test Equipment

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D835V2	4d139	Sep. 17, 2021	3 Years
System Validation Dipole	SPEAG	D2450V2	893	Sep. 18, 2021	3 Years
System Validation Dipole	SPEAG	D2600V2	1110	Sep. 16, 2021	3 Years
System Validation Dipole	SPEAG	D5GHzV2	1133	Sep. 14, 2021	3 Years
Data Acquisition Electronics	SPEAG	DAE4	1389	Nov. 09, 2022	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3873	Aug. 31, 2022	1 Year
Radio Communication Analyzer	ANRITSU	MT8820C	6201465426	Feb. 14, 2023	1 Year
Wireless Communication Test Set	Agilent	E5515C	MY50260600	May. 12, 2022	1 Year
ENA Series Network Analyzer	Agilent	E5071C	MY46214638	May. 07, 2022	1 Year
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510355	May. 14, 2022	1 Year
MXG Analog Signal Generator	KEYSIGHT	N5183A	MY50143024	Feb. 14, 2023	1 Year
Power Meter	Agilent	N1914A	MY52180044	Feb. 15, 2023	1 Year
Power Sensor	Agilent	E9304A H18	MY52050011	Feb. 15, 2023	1 Year
Power Meter	ANRITSU	ML2495A	1506002	Feb. 14, 2023	1 Year
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 14, 2023	1 Year
Temp. & Humi. Recorder	HUATO	A2000TH	HE20107684	May. 11, 2022	1 Year
Electronic Thermometer	YONGFA	YF-160A	120100323	May. 14, 2022	1 Year
Coupler	Woken	0110A056020-10	COM27RW1A3	May. 11, 2022	1 Year

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

DASY5 Uncertainty Budget								
Error Description	Uncertainty Value (±%)	Probability	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)	(Vi) Veff
Measurement System								
Probe Calibration	6.0	N	1	1	1	6.0	6.0	∞
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	1.0	R	1.732	1	1	0.6	0.6	∞
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	2.9	R	1.732	1	1	1.7	1.7	∞
Max. SAR Eval.	2.0	R	1.732	1	1	1.2	1.2	∞
Test Sample Related								
Device Positioning	3.0	N	1	1	1	3.0	3.0	35
Device Holder	3.6	N	1	1	1	3.6	3.6	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	6.1	R	1.732	1	1	3.5	3.5	∞
SAR correction	0.0	R	1.732	1	0.84	0.0	0.0	∞
Liquid Conductivity Repeatability	0.2	N	1	0.78	0.71	0.1	0.1	5
Liquid Conductivity (target)	5.0	R	1.732	0.78	0.71	2.3	2.0	∞
Liquid Conductivity (mea.)	2.5	R	1.732	0.78	0.71	1.1	1.0	∞
Temp. unc. - Conductivity	3.4	R	1.732	0.78	0.71	1.5	1.4	∞
Liquid Permittivity Repeatability	0.15	N	1	0.23	0.26	0.0	0.0	5
Liquid Permittivity (target)	5.0	R	1.732	0.23	0.26	0.7	0.8	∞
Liquid Permittivity (mea.)	2.5	R	1.732	0.23	0.26	0.3	0.4	∞
Temp. unc. - Permittivity	0.83	R	1.732	0.23	0.26	0.1	0.1	∞
Combined Std. Uncertainty						11.4%	11.4%	1013
Coverage Factor for 95 %						K=2	K=2	
Expanded STD Uncertainty						22.9%	22.7%	

Uncertainty budget for frequency range 30 MHz to 3 GHz



DASY5 Uncertainty Budget								
Error Description	Uncertainty Value (±%)	Probability	Divisor	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)	(Vi) Veff
Measurement System								
Probe Calibration	6.55	N	1	1	1	6.5	6.5	∞
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	3.0	N	1	1	1	3.0	3.0	35
Device Holder	3.6	N	1	1	1	3.6	3.6	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	0.2	N	1	0.78	0.71	0.1	0.1	5
Liquid Conductivity (target)	5.0	R	1.732	0.78	0.71	2.3	2.0	∞
Liquid Conductivity (mea.)	2.5	R	1.732	0.78	0.71	1.1	1.0	∞
Temp. unc. - Conductivity	3.4	R	1.732	0.78	0.71	1.5	1.4	∞
Liquid Permittivity Repeatability	0.15	N	1	0.23	0.26	0.0	0.0	5
Liquid Permittivity (target)	5.0	R	1.732	0.23	0.26	0.7	0.8	∞
Liquid Permittivity (mea.)	2.5	R	1.732	0.23	0.26	0.3	0.4	∞
Temp. unc. - Permittivity	0.83	R	1.732	0.23	0.26	0.1	0.1	∞
Combined Std. Uncertainty						12.5%	12.5%	1458
Coverage Factor for 95 %						K=2	K=2	
Expanded STD Uncertainty						25.0%	24.9%	

Uncertainty budget for frequency range 3 GHz to 6 GHz



7. Information on the Testing Laboratories

We, BV 7LAYERS COMMUNICATIONS TECHNOLOGY (SHENZHEN) CO. LTD., were founded in 2015 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

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

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

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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_HSL835_20230210

DUT: Dipole:835 MHz;Type:D835V2

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

Medium: HSL835_0210 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 42.367$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 835 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.27 W/kg

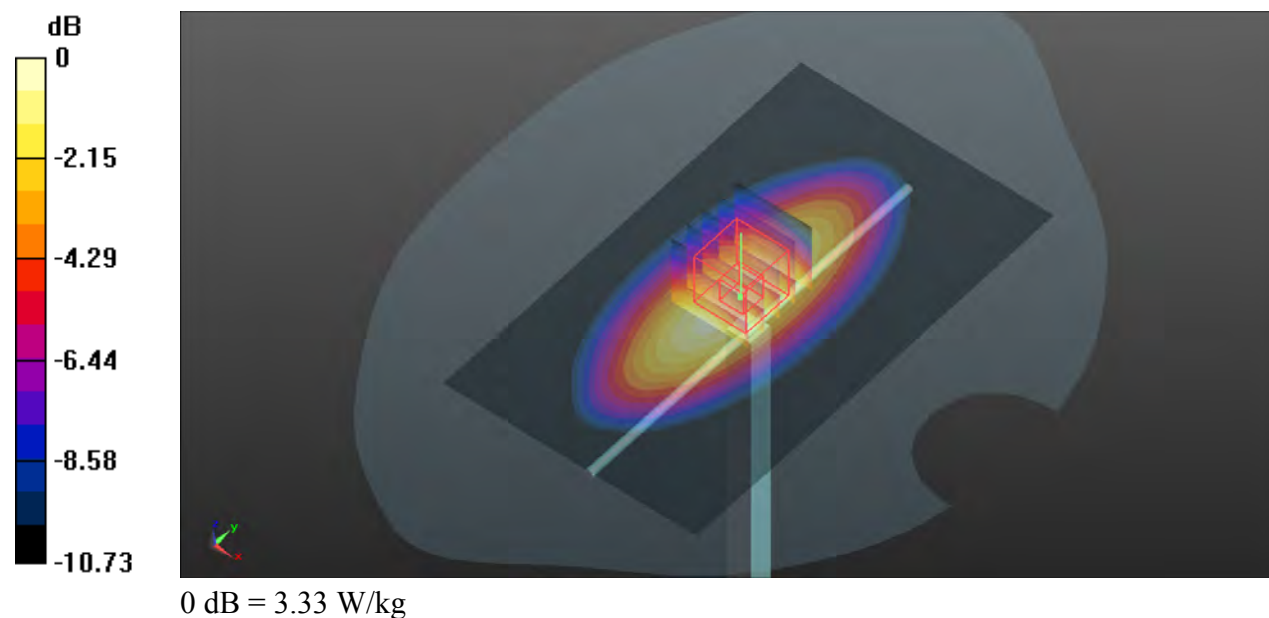
Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 58.93 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.73 W/kg

SAR(1 g) = 2.49 W/kg ; SAR(10 g) = 1.63 W/kg

Maximum value of SAR (measured) = 3.33 W/kg



System Check_HSL2450_20230209**DUT: Dipole:2450 MHz;Type:D2450V2**

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

Medium: HSL2450_0209 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 40.901$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.59, 7.59, 7.59) @ 2450 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 21.0 W/kg

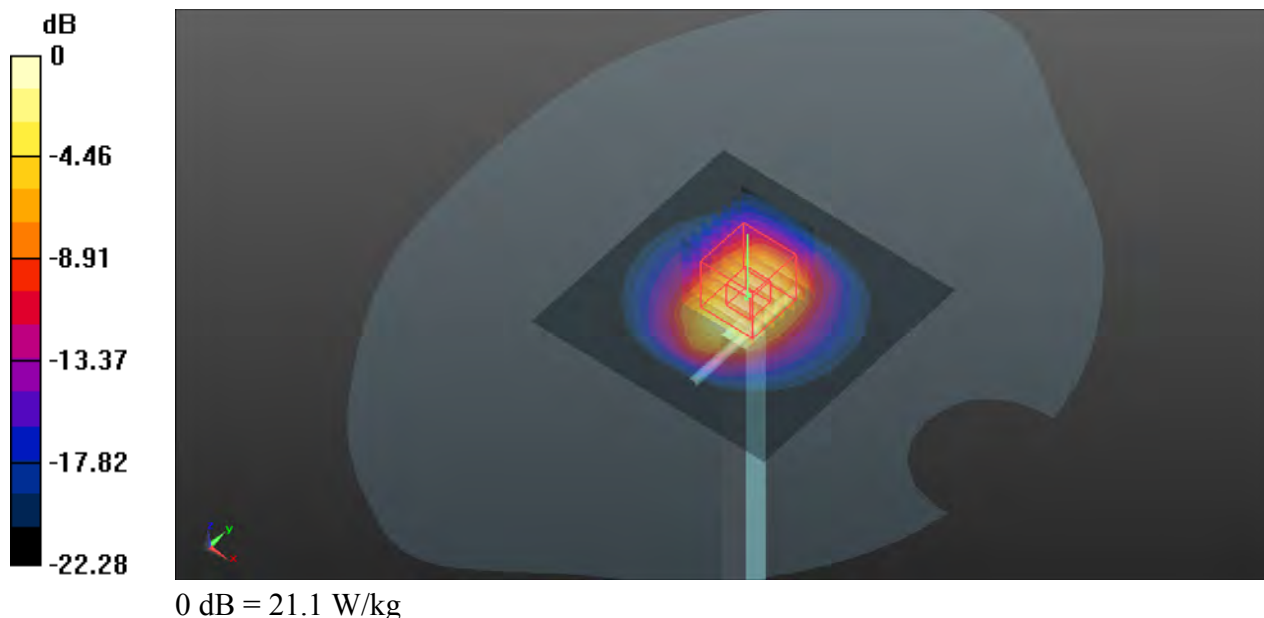
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.25 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 25.9 W/kg

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 5.95 W/kg

Maximum value of SAR (measured) = 21.1 W/kg



System Check_HSL2600_20230214**DUT: Dipole:2600 MHz;Type:D2600V2**

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

Medium: HSL2600_0214 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.055$ S/m; $\epsilon_r = 38.321$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2600 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- 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) = 20.4 W/kg

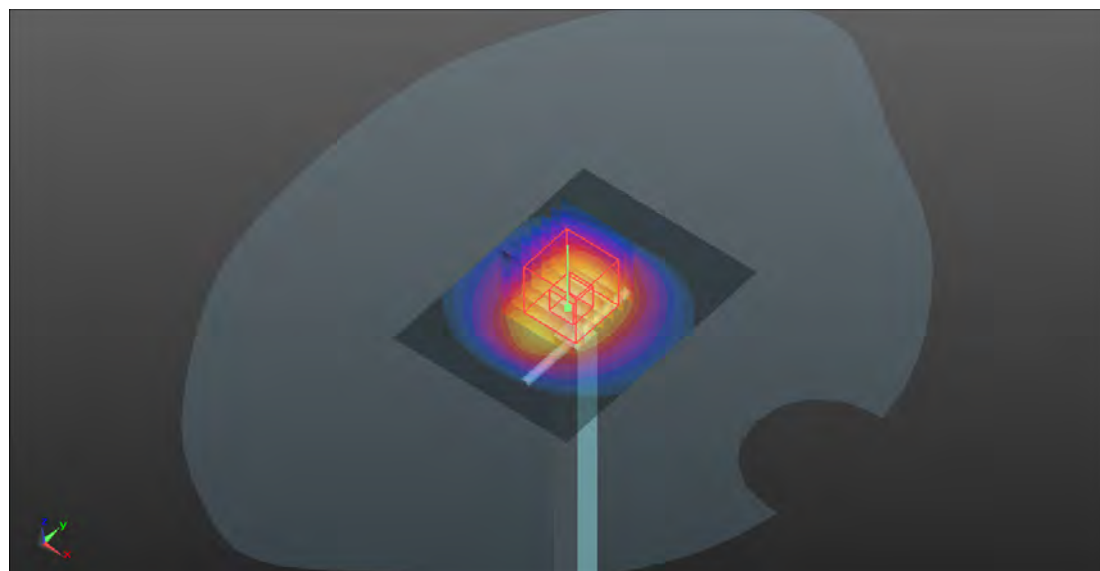
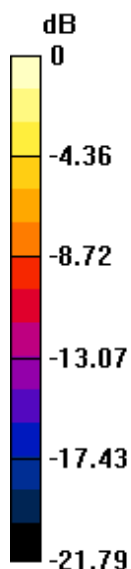
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 105.88 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 26.9 W/kg

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.3 W/kg

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg

System Check_HSL5250_20230215**DUT: Dipole 5GHzV2;Type:D5GHzV2**

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

Medium: HSL5G_0215 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.744$ S/m; $\epsilon_r = 36.854$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.75, 4.75, 4.75) @ 5250 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- 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) = 17.7 W/kg

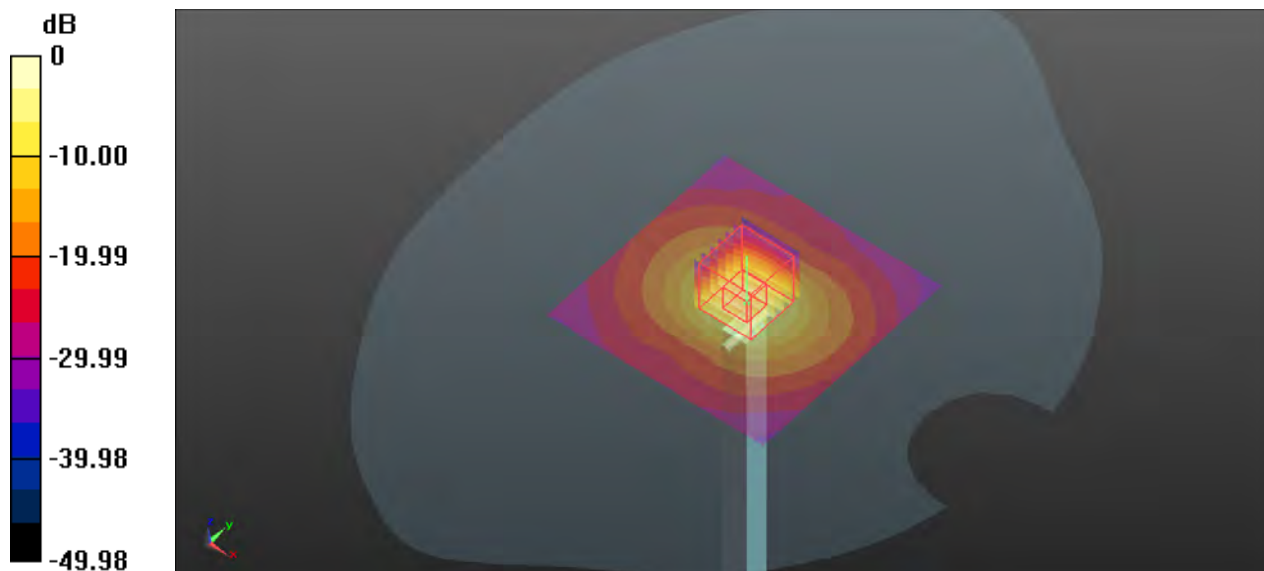
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 66.37 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 27.8 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.06 W/kg

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



0 dB = 17.5 W/kg

System Check_HSL5600_20230215**DUT: Dipole 5GHzV2;Type:D5GHzV2**

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

Medium: HSL5G_0215 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.182$ S/m; $\epsilon_r = 36.105$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.47, 4.47, 4.47) @ 5600 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- 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) = 19.6 W/kg

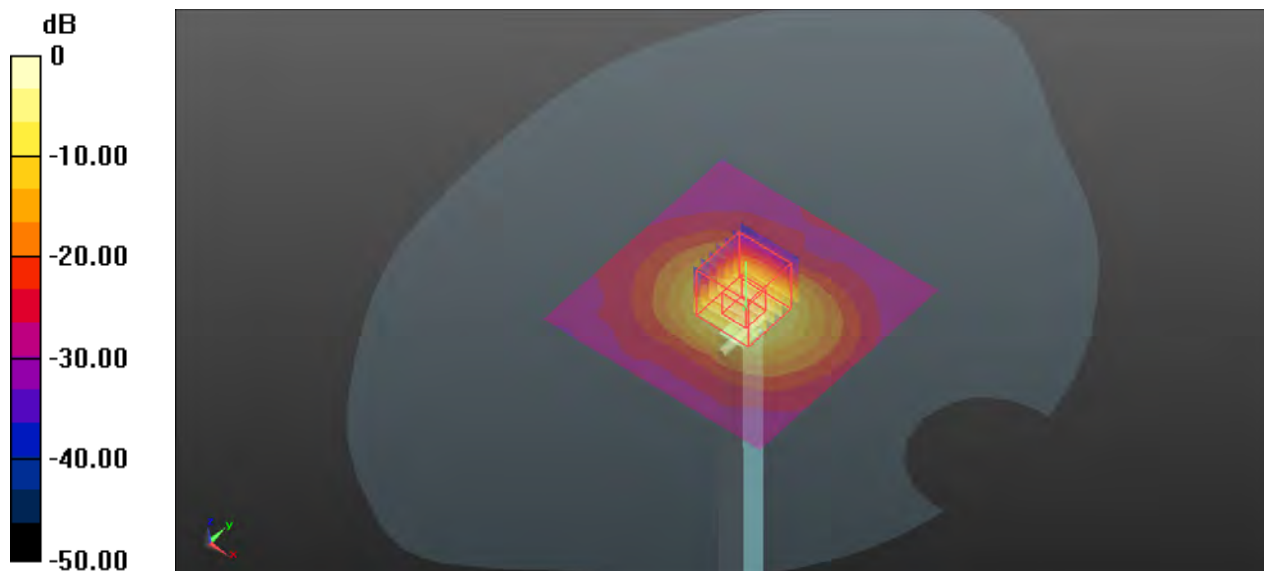
Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 54.26 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 33.9 W/kg

SAR(1 g) = 8 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg

System Check_HSL5800_20230216**DUT: Dipole 5GHzV2;Type:D5GHzV2**

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: HSL5G_0216 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.415$ S/m; $\epsilon_r = 35.658$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.48, 4.48, 4.48) @ 5800 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- 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

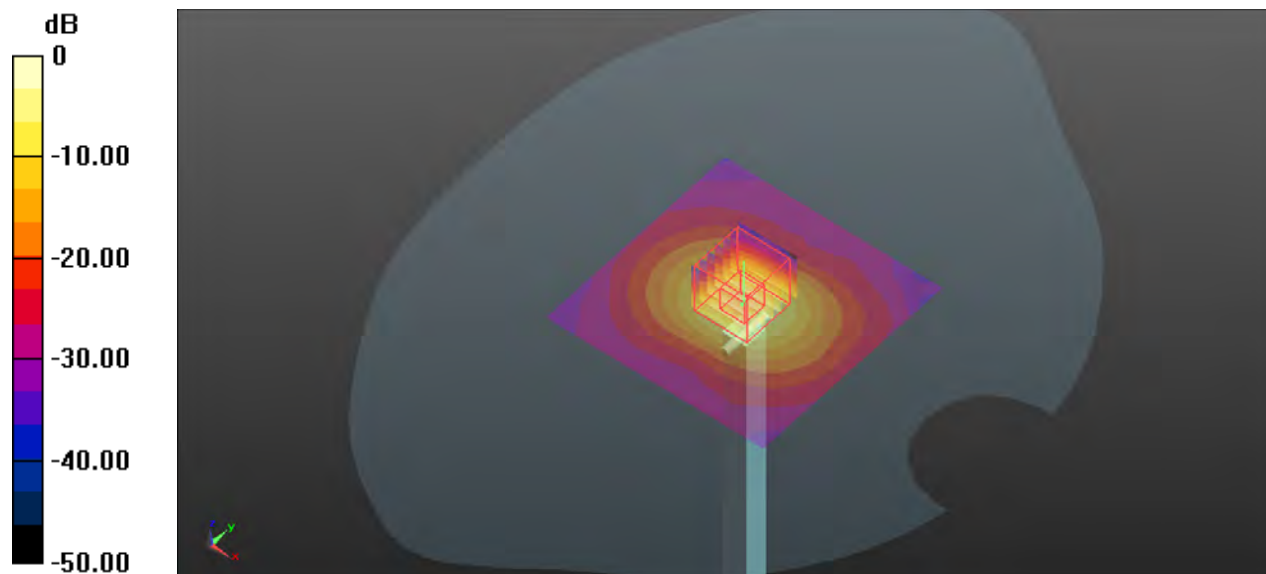
Pin=100mW/Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 56.73 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 33.2 W/kg

SAR(1 g) = 7.38 W/kg; SAR(10 g) = 2.12 W/kg

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



0 dB = 19.2 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 3Tx slot_Right Cheek_Ch189_Ant1

Communication System: GPRS 3Tx-slot; Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL835_0210 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.349$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 836.4 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

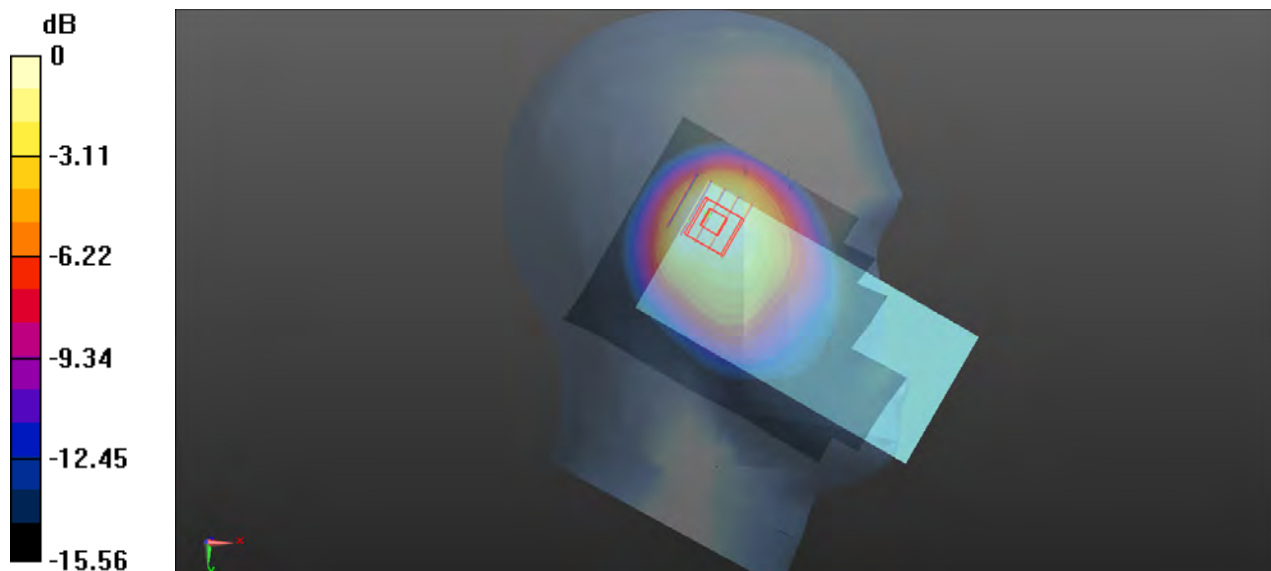
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.34 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.655 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg

P02 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Ant1

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL835_0210 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.349$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 836.4 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

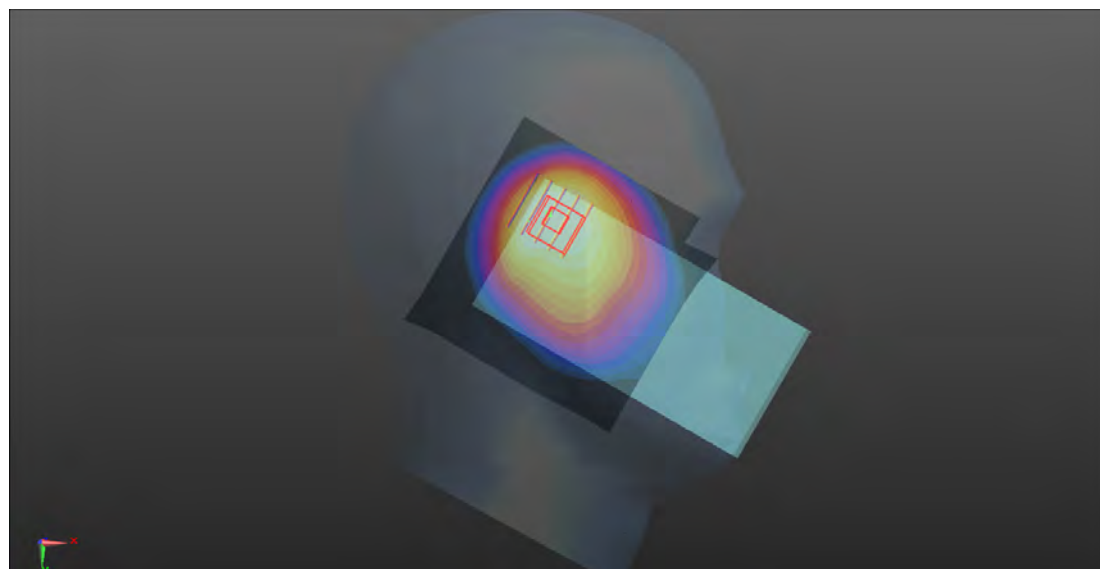
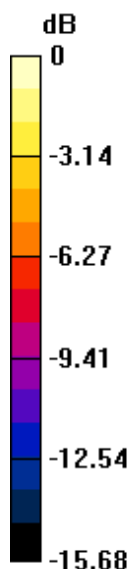
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.27 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 0.861 W/kg



0 dB = 0.861 W/kg

P03 LTE 5_QPSK10M_Right Cheek_Ch20600_1RB_OS24_Ant1

Communication System: LTE; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: HSL835_0210 Medium parameters used: $f = 844$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.249$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 844 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

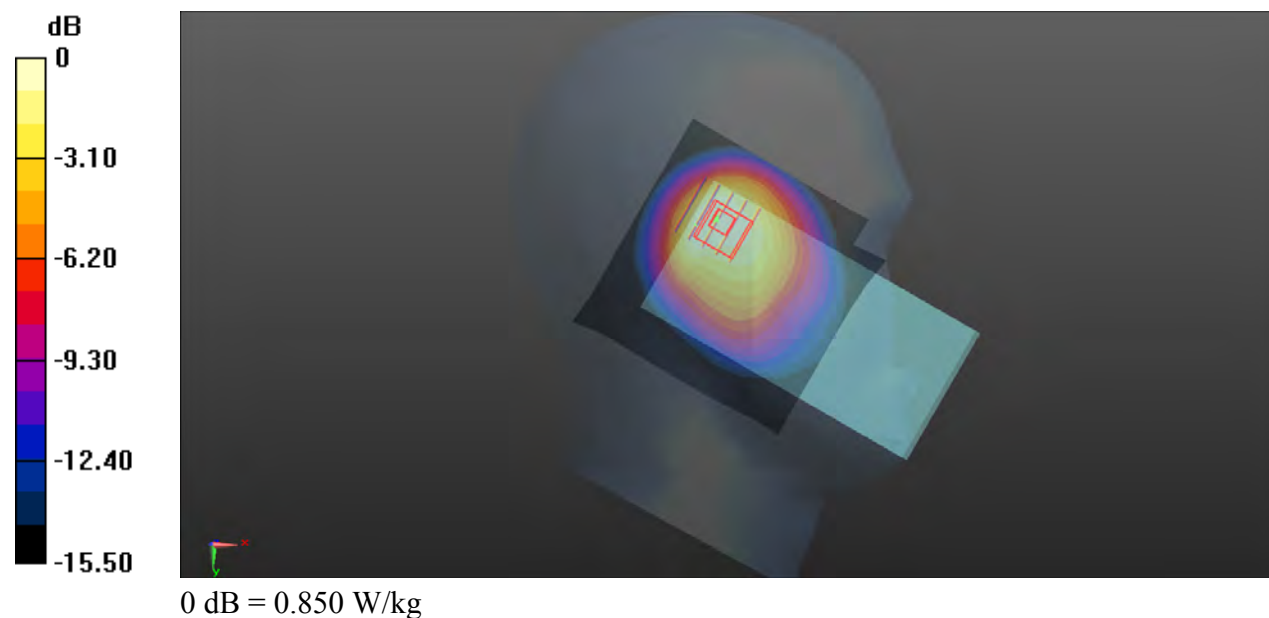
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.65 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.460 W/kg

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



P04 LTE 7_QPSK20M_Right Tilted_Ch21350_50RB_OS25_Ant1

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600_0214 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 38.536$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2560 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.851 W/kg

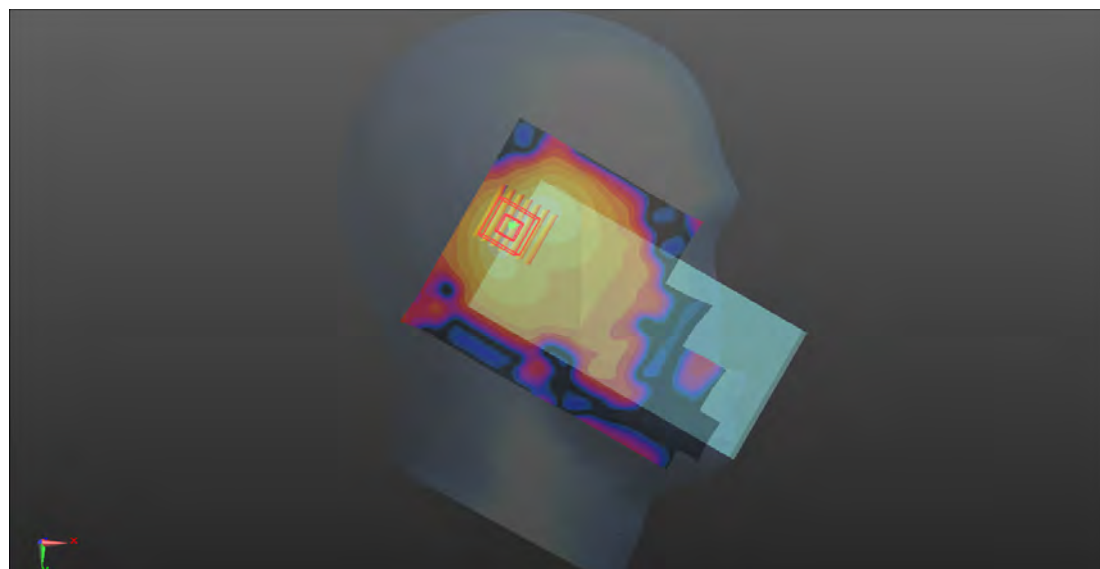
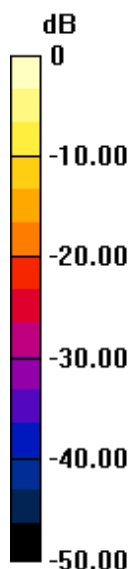
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.92 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.951 W/kg



0 dB = 0.951 W/kg

P05 LTE 38_QPSK20M_Right Tilted_Ch38150_1RB_OS50_Ant1

Communication System: LTE TDD; Frequency: 2610 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.068$ S/m; $\epsilon_r = 38.265$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2610 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.812 W/kg

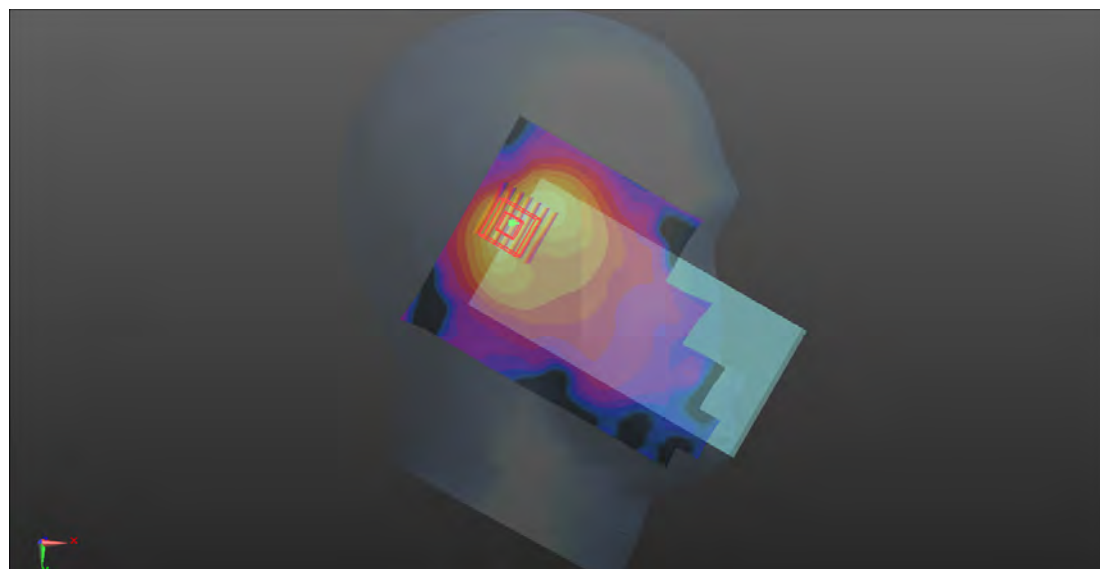
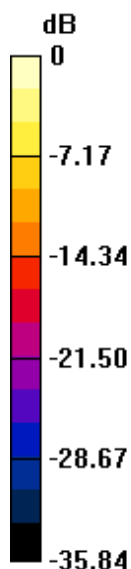
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.84 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.916 W/kg



0 dB = 0.916 W/kg

P06 LTE 41_QPSK20M_Right Tilted_Ch40140_1RB_OS50_Ant1

Communication System: LTE TDD; Frequency: 2545 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2545$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 38.587$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2545 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.924 W/kg

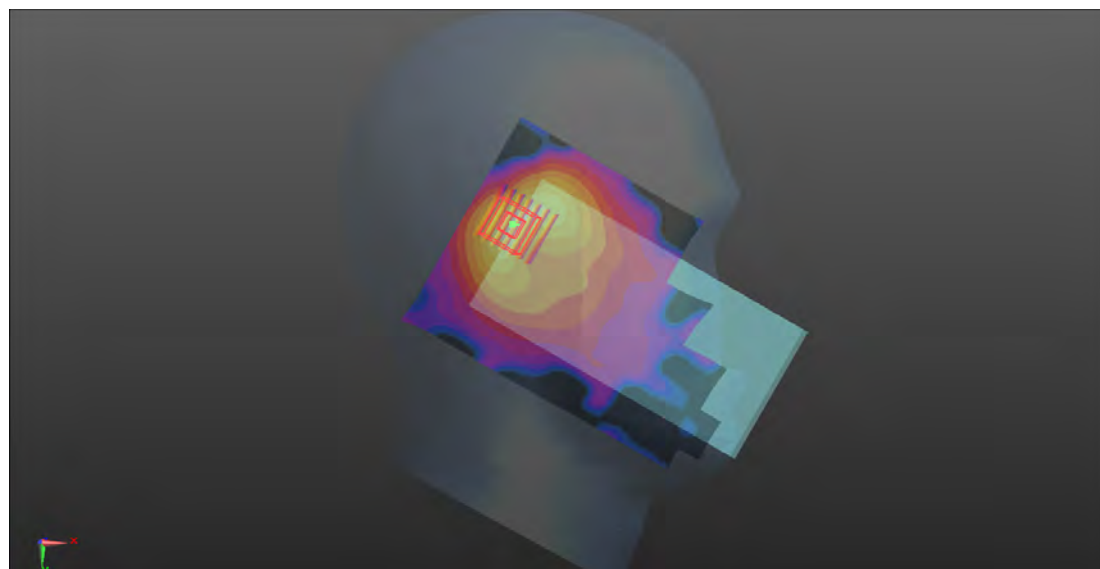
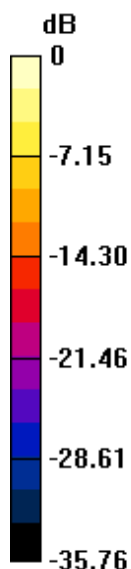
- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.24 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.218 W/kg

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



0 dB = 1.02 W/kg

P07 WLAN2.4G_802.11b_Left Cheek_Ch11

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

Medium: HSL2450_0209 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 40.852$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.59, 7.59, 7.59) @ 2462 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.996 W/kg

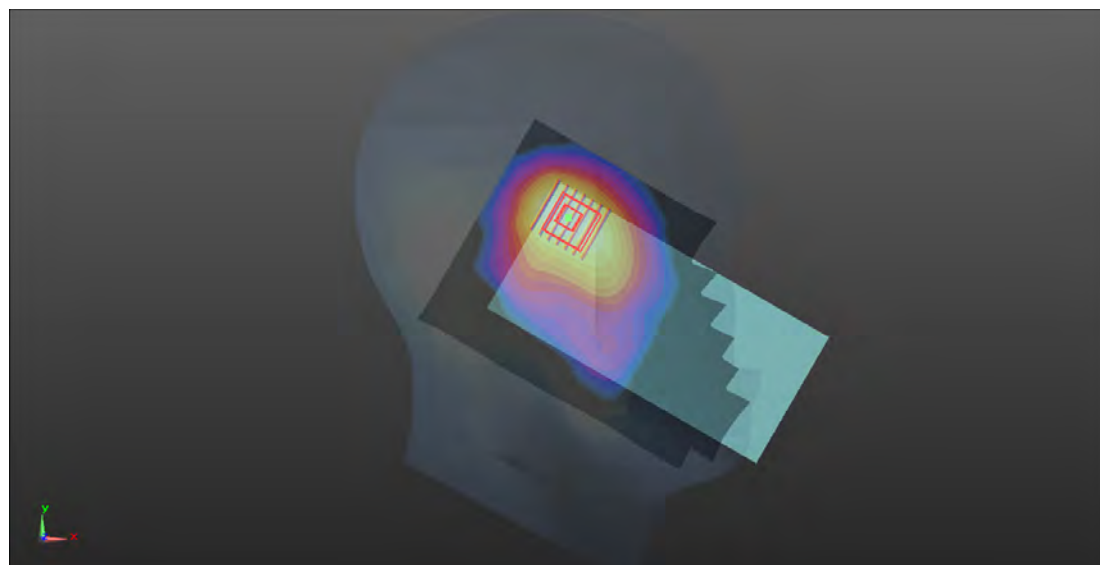
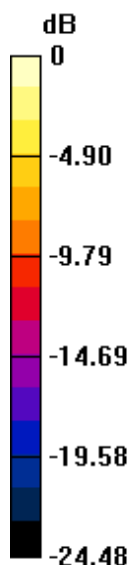
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.861 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.952 W/kg



0 dB = 0.952 W/kg

P08 WLAN5G_802.11ac80_Left Tilted_Ch58

Communication System: 802.11ac_VHT80; Frequency: 5290 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0215 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.796$ S/m; $\epsilon_r = 36.793$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.75, 4.75, 4.75) @ 5290 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.731 W/kg

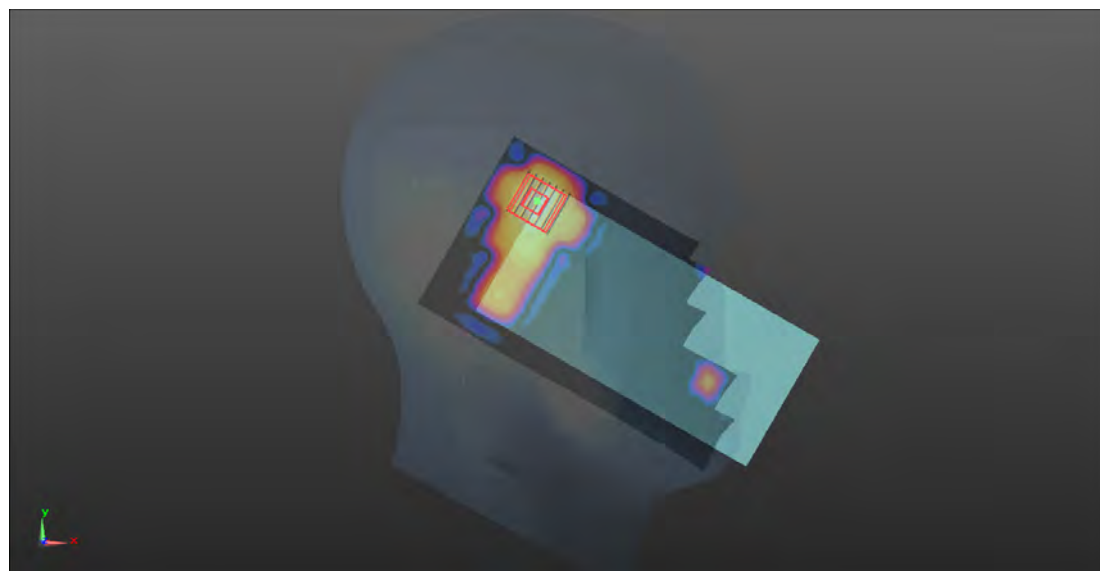
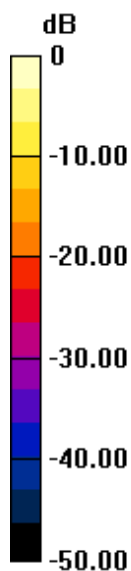
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 3.296 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg

P09 WLAN5G_802.11ac80_Left Tilted_Ch106

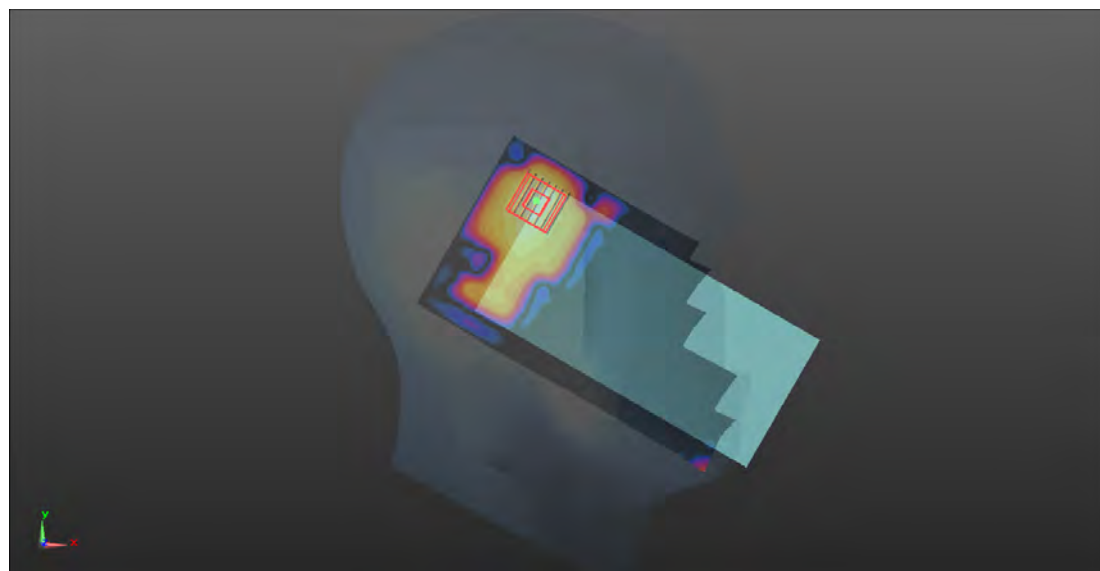
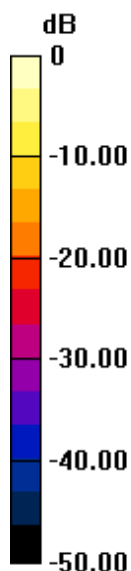
Communication System: 802.11ac_VHT80; Frequency: 5530 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0215 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.085$ S/m; $\epsilon_r = 36.272$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.47, 4.47, 4.47) @ 5530 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.794 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.583 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.863 W/kg



0 dB = 0.863 W/kg

P10 WLAN5G_802.11ac80_Left Tilted_Ch155

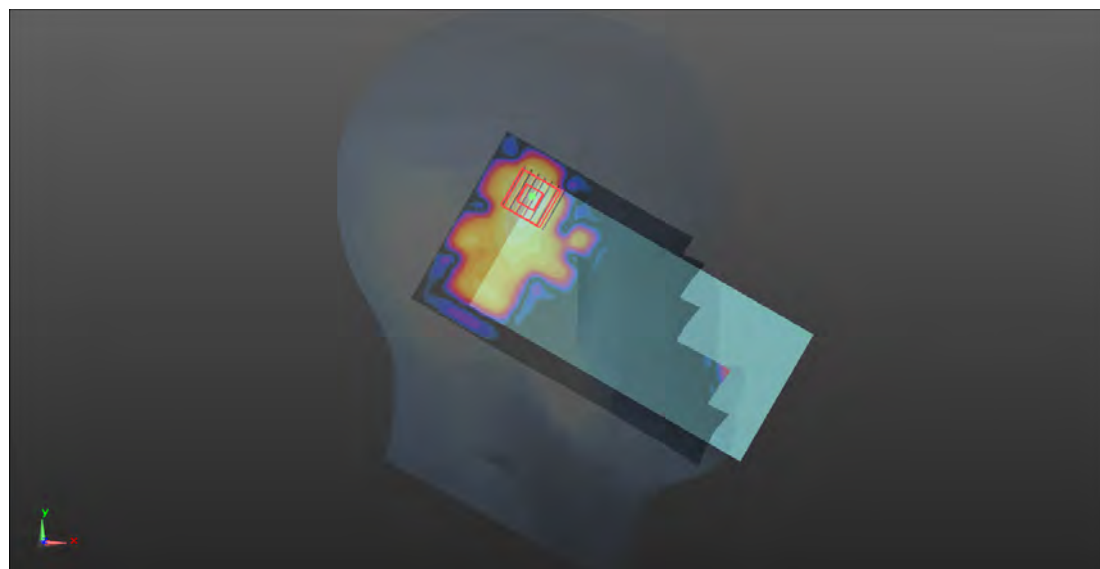
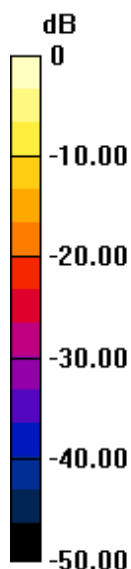
Communication System: 802.11ac_VHT80; Frequency: 5775 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0216 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 35.754$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.48, 4.48, 4.48) @ 5775 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.623 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.636 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.071 W/kg
Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg

P11 BT_GFSK_Left Cheek_Ch39

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: HSL2450_0209 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 40.934$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1)**: Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.168 W/kg

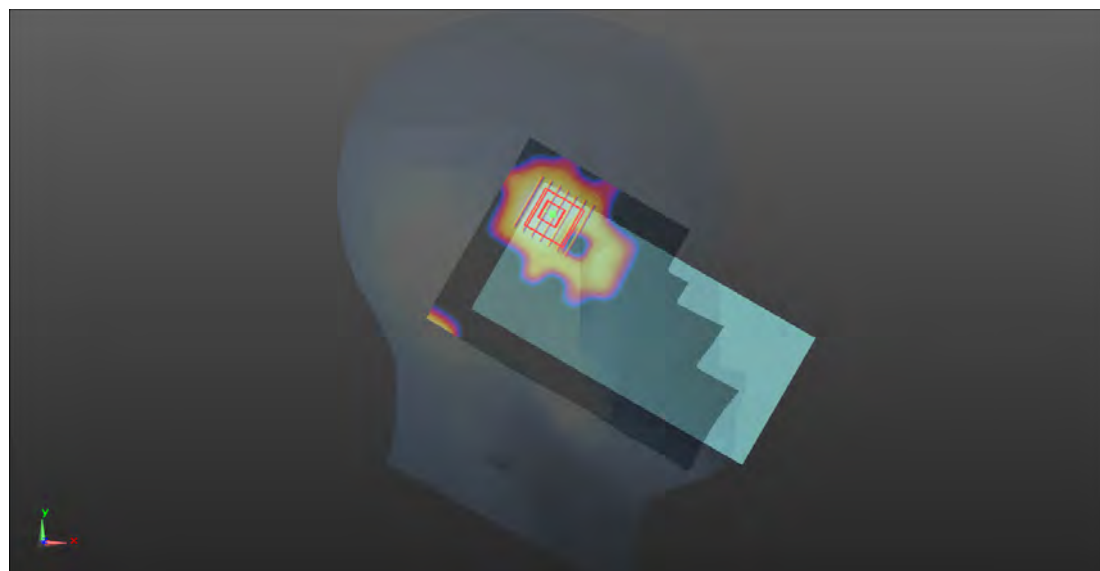
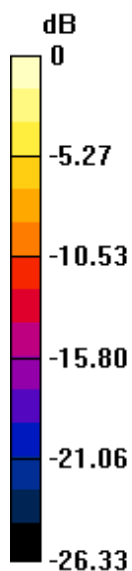
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.23 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg

P12 GSM850_GPRS 3Tx slot _Rear Face_1cm_Ch189_Ant0

Communication System: GPRS 3Tx-slot; Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL835_0210 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.349$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 836.4 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x121x1):** Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.341 W/kg

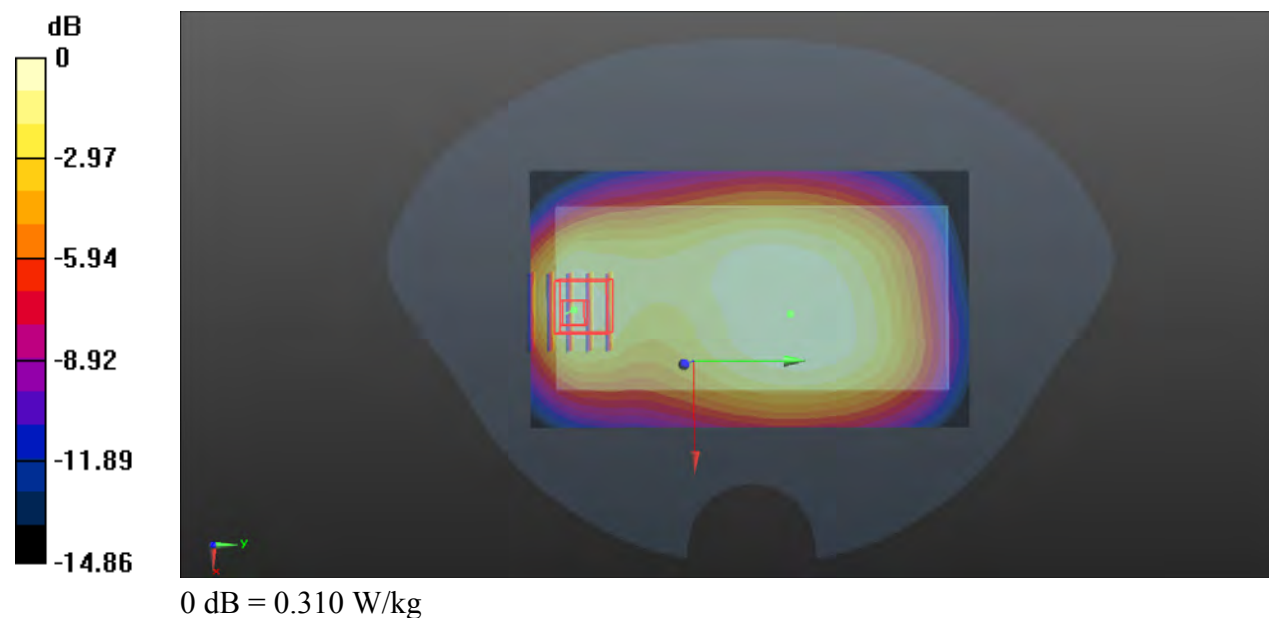
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.33 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.310 W/kg



P13 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Ant0

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL835_0210 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 42.479$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 826.4 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.291 W/kg

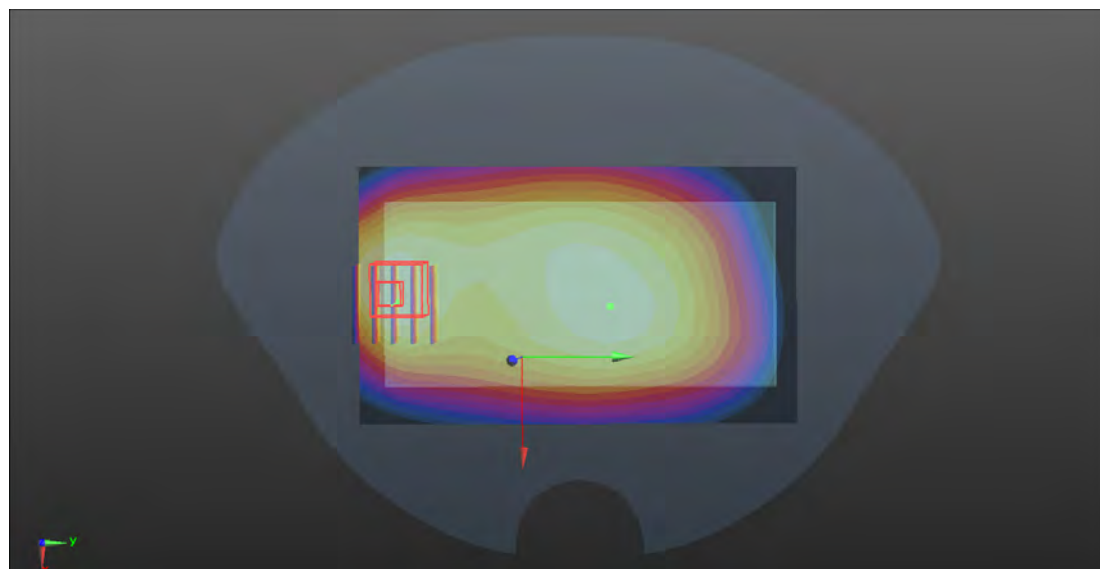
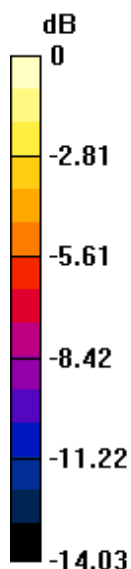
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.34 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg

P14 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS0_Ant0

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835_0210 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.347$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 836.5 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.285 W/kg

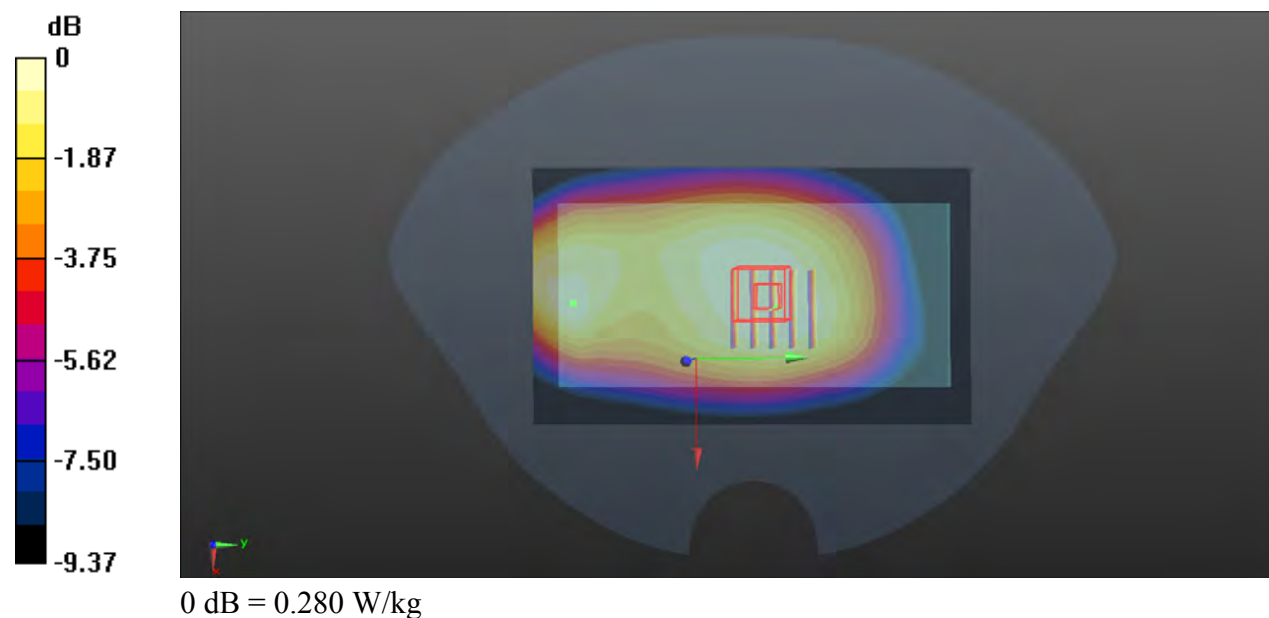
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.280 W/kg



P15 LTE 7_QPSK20M_Rear Face_1.5cm_Ch21350_1RB_OS50_Ant0

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600_0214 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 38.536$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2560 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.975 W/kg

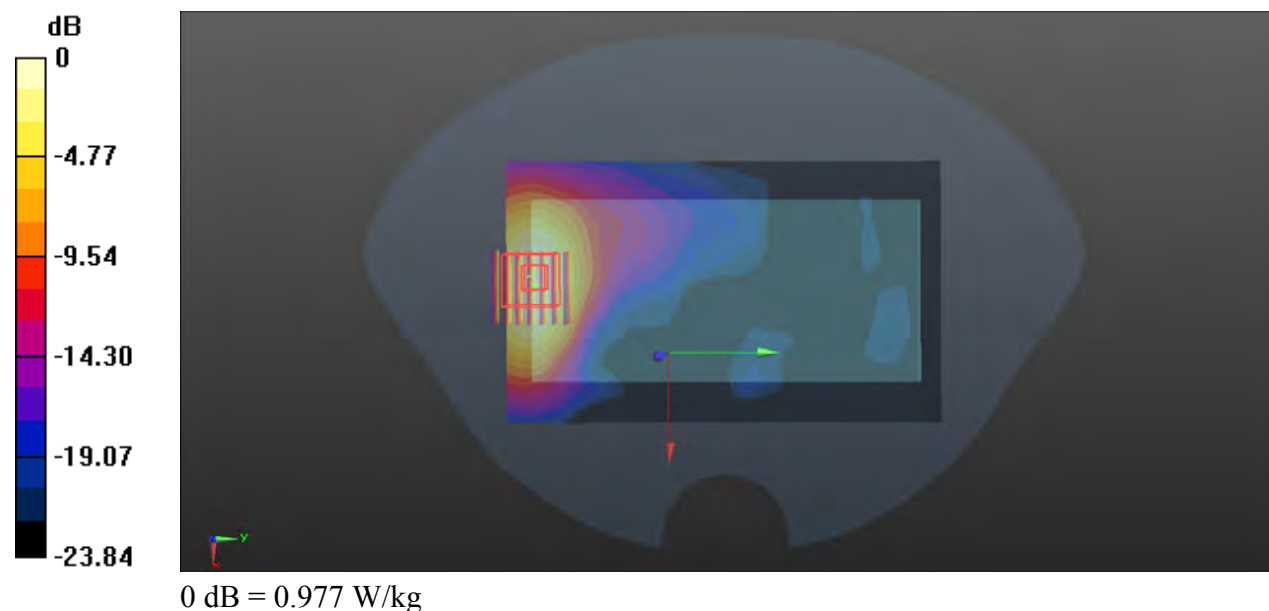
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 1.616 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 0.977 W/kg



P16 LTE 38_QPSK20M_Rear Face_1.5cm_Ch38150_1RB_OS50_Ant0

Communication System: LTE TDD; Frequency: 2610 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.068$ S/m; $\epsilon_r = 38.265$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2610 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

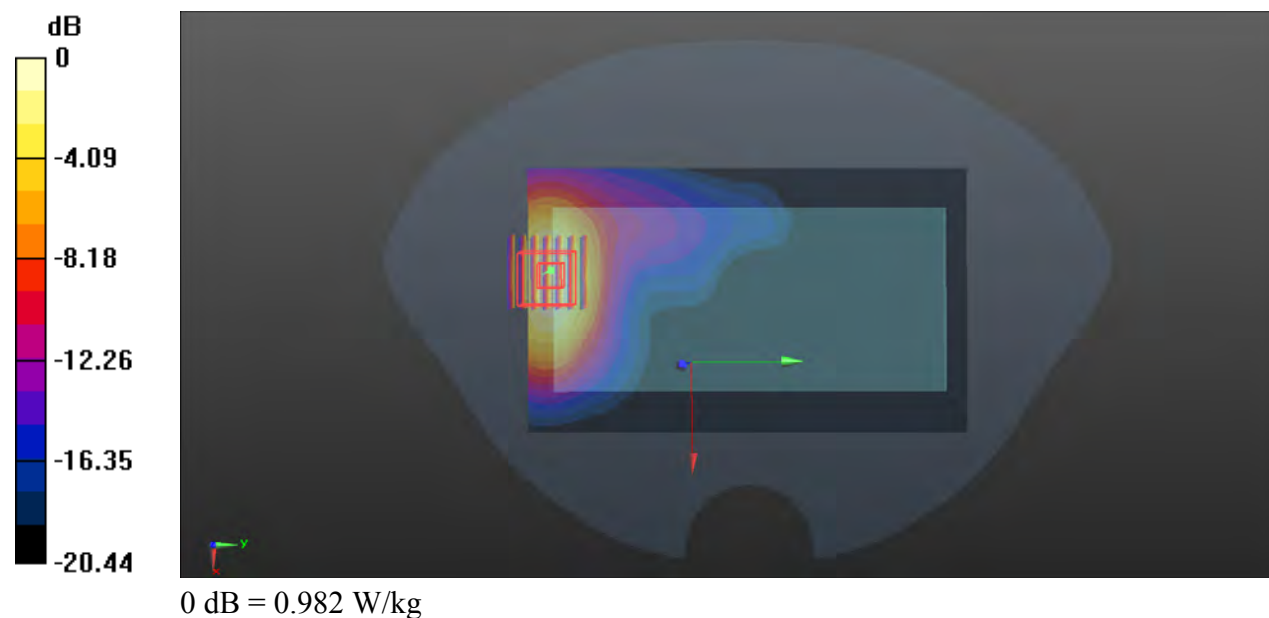
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.5350 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.376 W/kg

Maximum value of SAR (measured) = 0.982 W/kg



P17 LTE 41_QPSK20M_Rear Face_1.5cm_Ch40140_1RB_OS50_Ant0

Communication System: LTE TDD; Frequency: 2545 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2545$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 38.587$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2545 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1)**: Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.655 W/kg

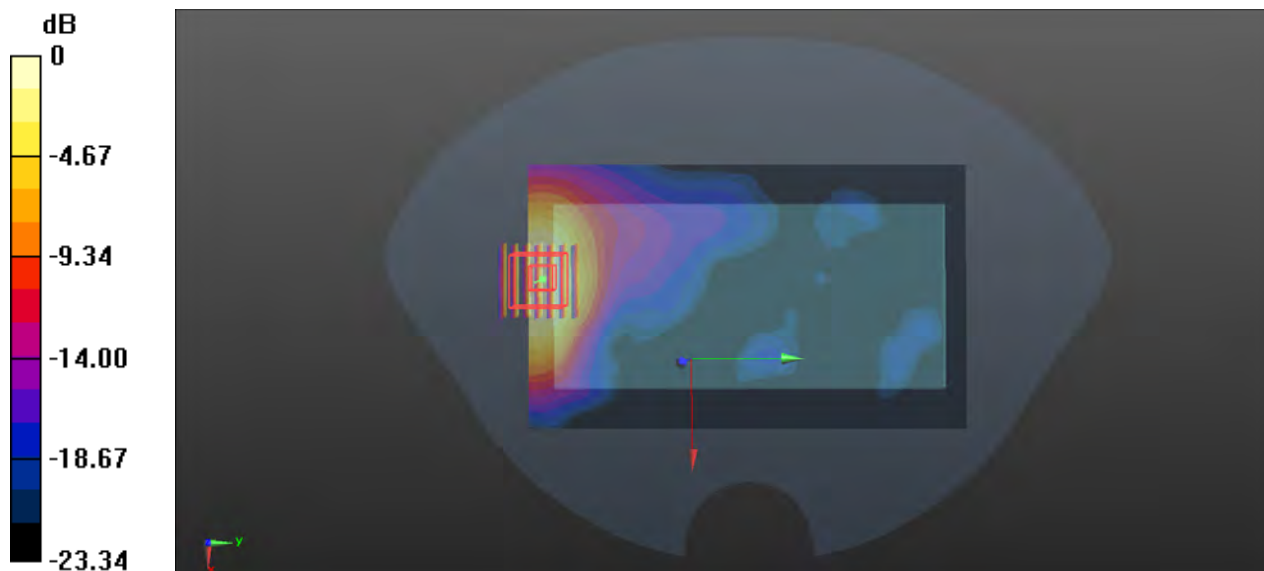
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4190 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 0.625 W/kg



0 dB = 0.625 W/kg

P18 WLAN2.4G_802.11b_Rear Face_1cm_Ch11

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

Medium: HSL2450_0209 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 40.852$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.59, 7.59, 7.59) @ 2462 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

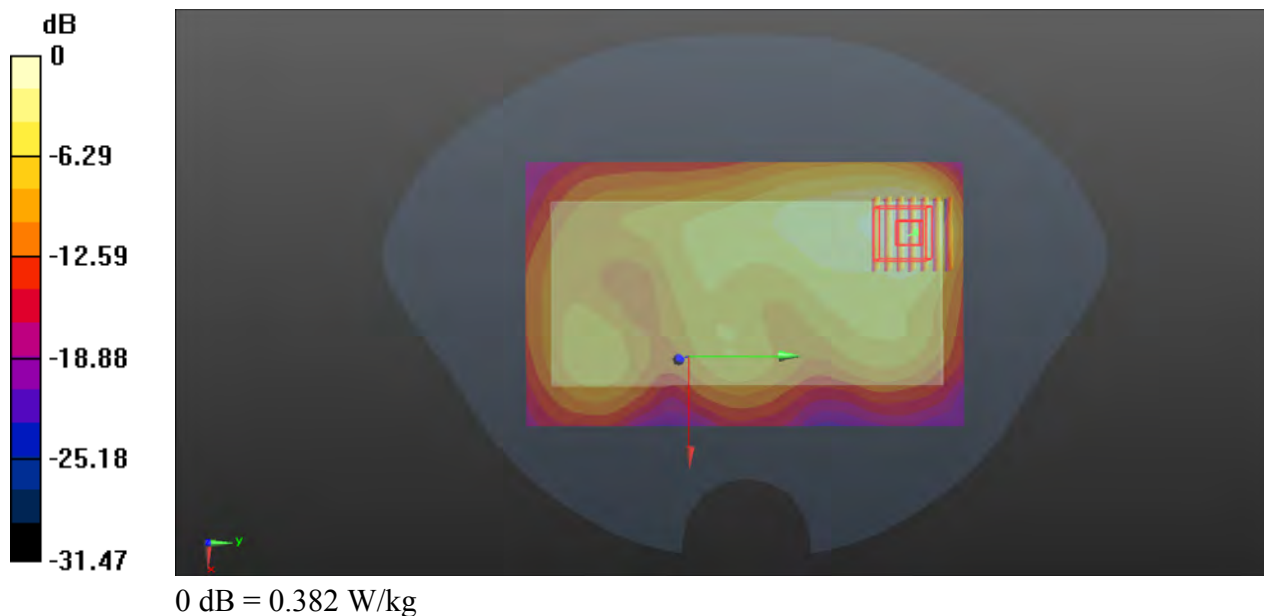
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.681 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



P19 WLAN5G_802.11ac80_Rear Face_1cm_Ch58

Communication System: 802.11ac_VHT80; Frequency: 5290 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0215 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.796$ S/m; $\epsilon_r = 36.793$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.75, 4.75, 4.75) @ 5290 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.388 W/kg

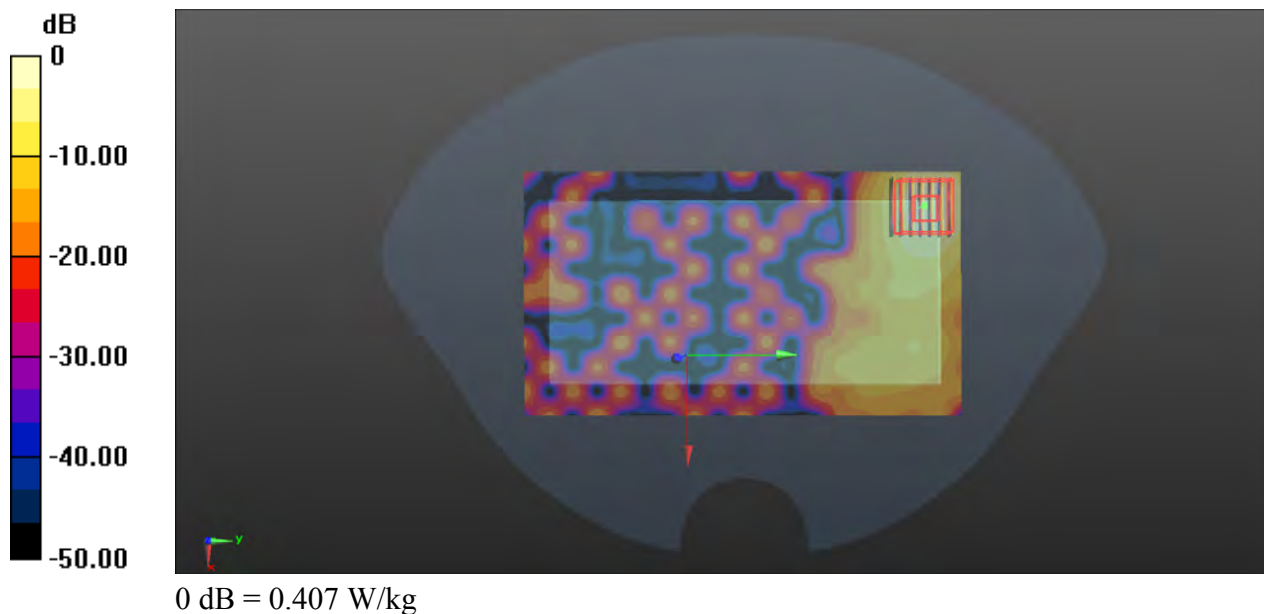
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.2680 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.407 W/kg



P20 WLAN5G_802.11ac80_Rear Face_1cm_Ch106

Communication System: 802.11ac_VHT80; Frequency: 5530 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0215 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.085$ S/m; $\epsilon_r = 36.272$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.47, 4.47, 4.47) @ 5530 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.604 W/kg

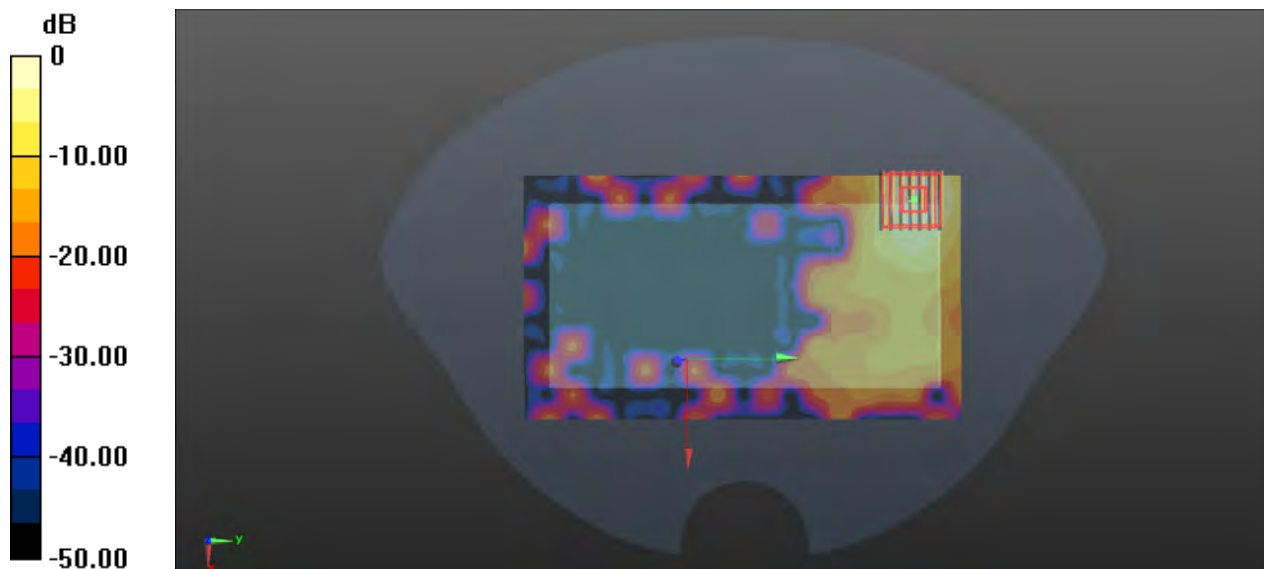
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.5750 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg

P21 WLAN5G_802.11ac80_Rear Face_1cm_Ch155

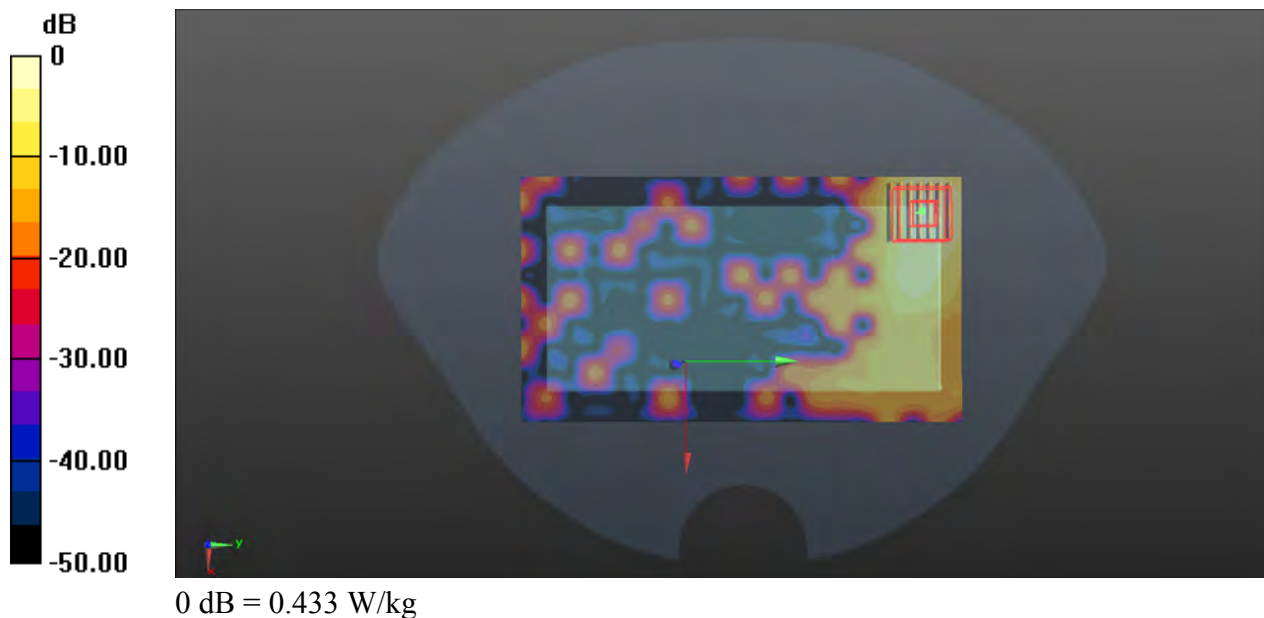
Communication System: 802.11ac_VHT80; Frequency: 5775 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0216 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 35.754$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.48, 4.48, 4.48) @ 5775 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.425 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7070 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.902 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.433 W/kg



P22 BT_GFSK_Rear Face_1cm_Ch39

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: HSL2450_0209 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 40.934$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1)**: Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0533 W/kg

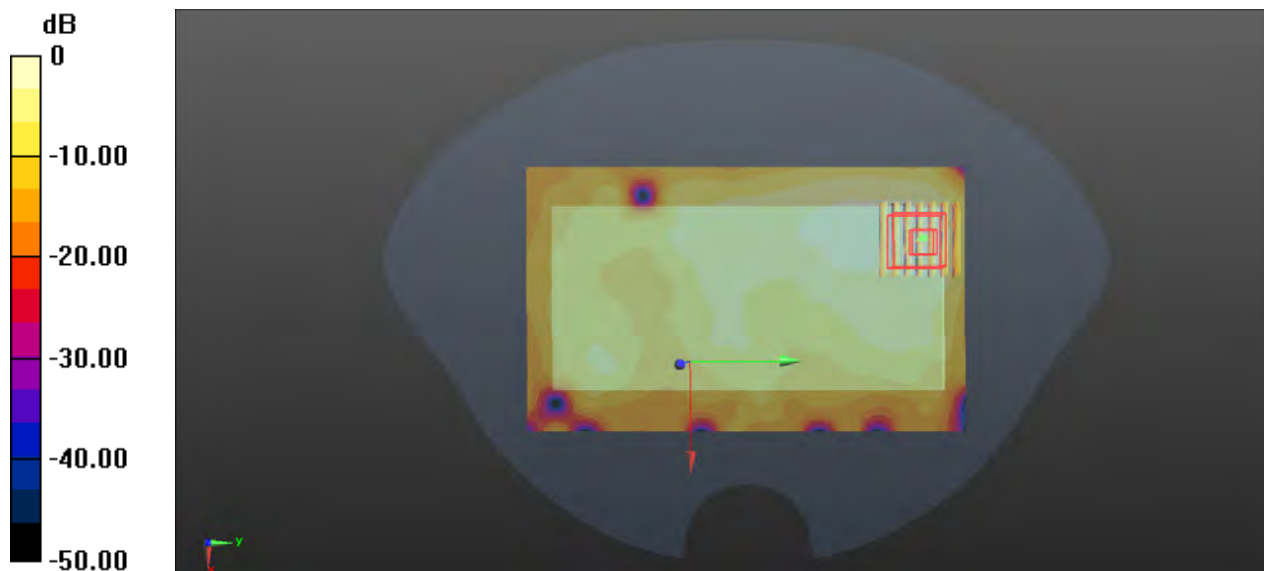
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.323 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0526 W/kg



0 dB = 0.0526 W/kg

P23 GSM850_GPRS 3Tx slot _Rear Face_1cm_Ch189_Ant0

Communication System: GPRS 3Tx-slot; Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL835_0210 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.349$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 836.4 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.341 W/kg

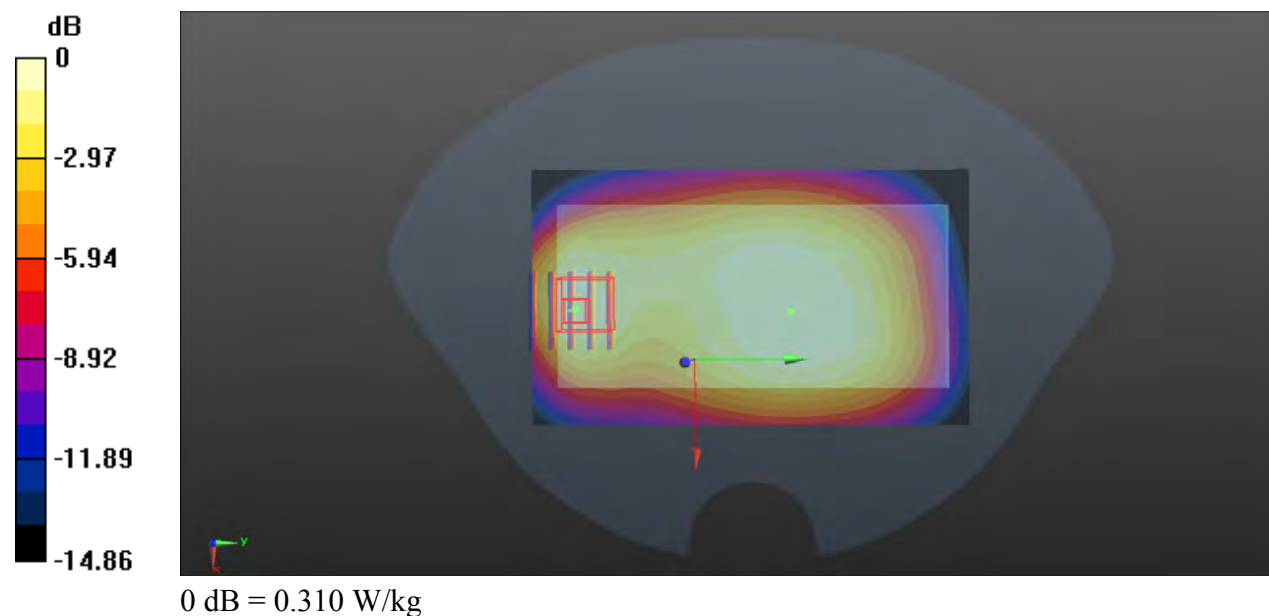
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.33 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.310 W/kg



P24 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132_Ant0

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL835_0210 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 42.479$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 826.4 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.291 W/kg

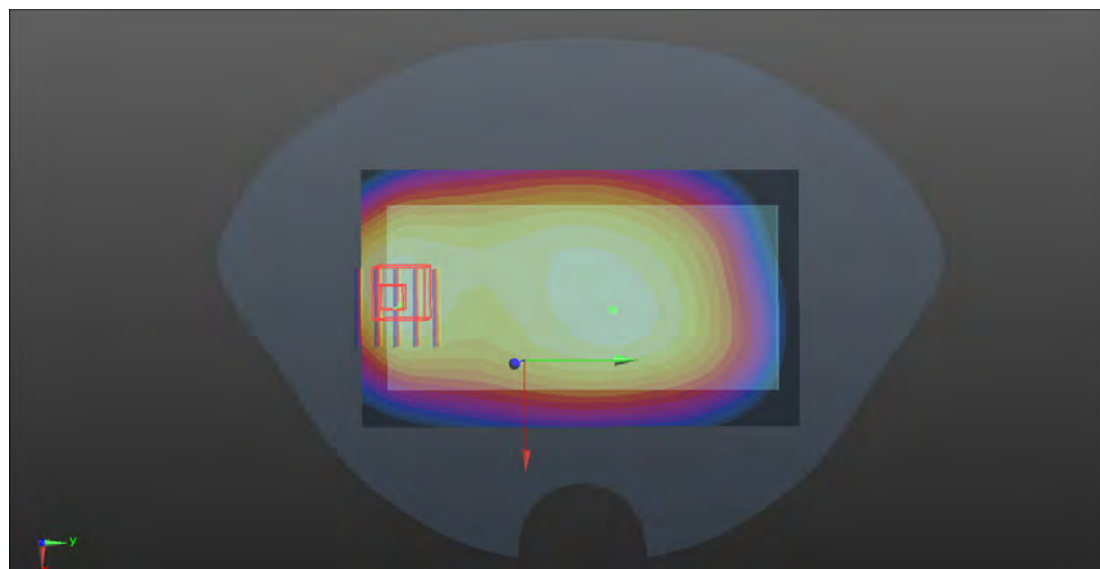
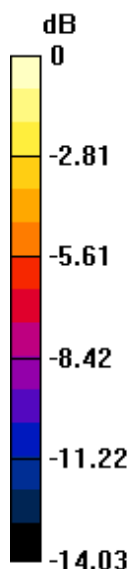
- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.34 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg

P25 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS0_Ant0

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835_0210 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.347$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(9.4, 9.4, 9.4) @ 836.5 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.285 W/kg

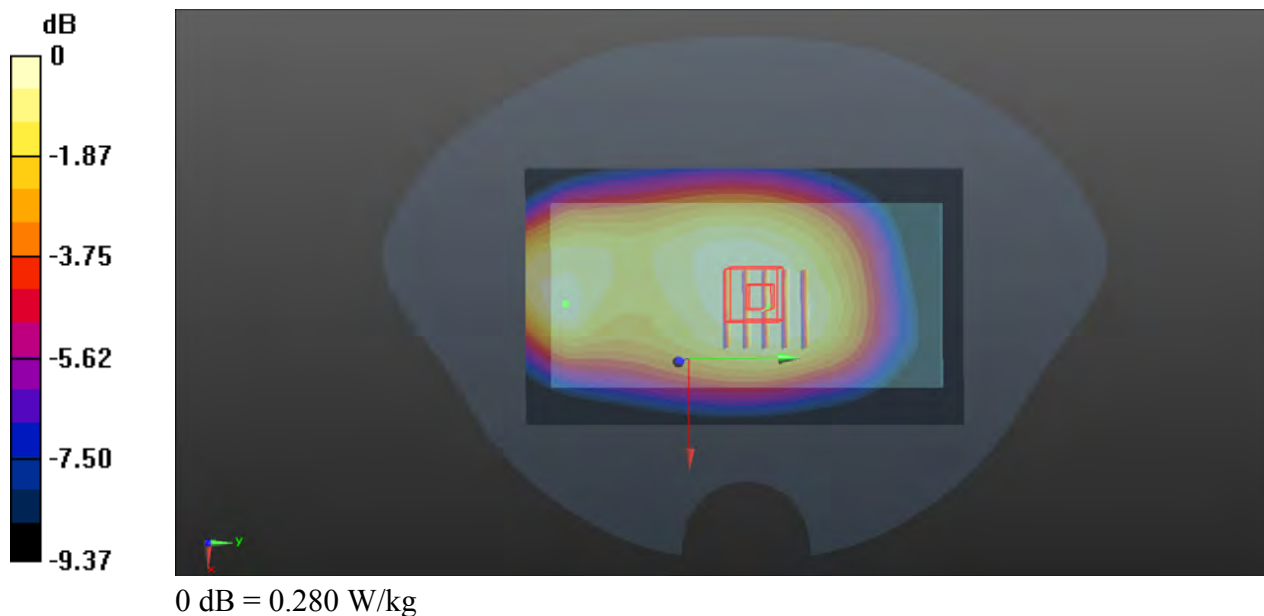
- Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.88 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.280 W/kg



P26 LTE 7_QPSK20M_Bottom Side_1.9cm_Ch21350_1RB_OS50_Ant0

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600_0214 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 38.536$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2560 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.925 W/kg

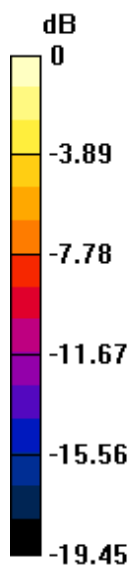
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.89 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 0.916 W/kg



0 dB = 0.916 W/kg

P27 LTE 38_QPSK20M_Bottom Side_1.9cm_Ch38150_1RB_OS50_Ant0

Communication System: LTE TDD; Frequency: 2610 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2610$ MHz; $\sigma = 2.068$ S/m; $\epsilon_r = 38.265$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2610 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (41x81x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

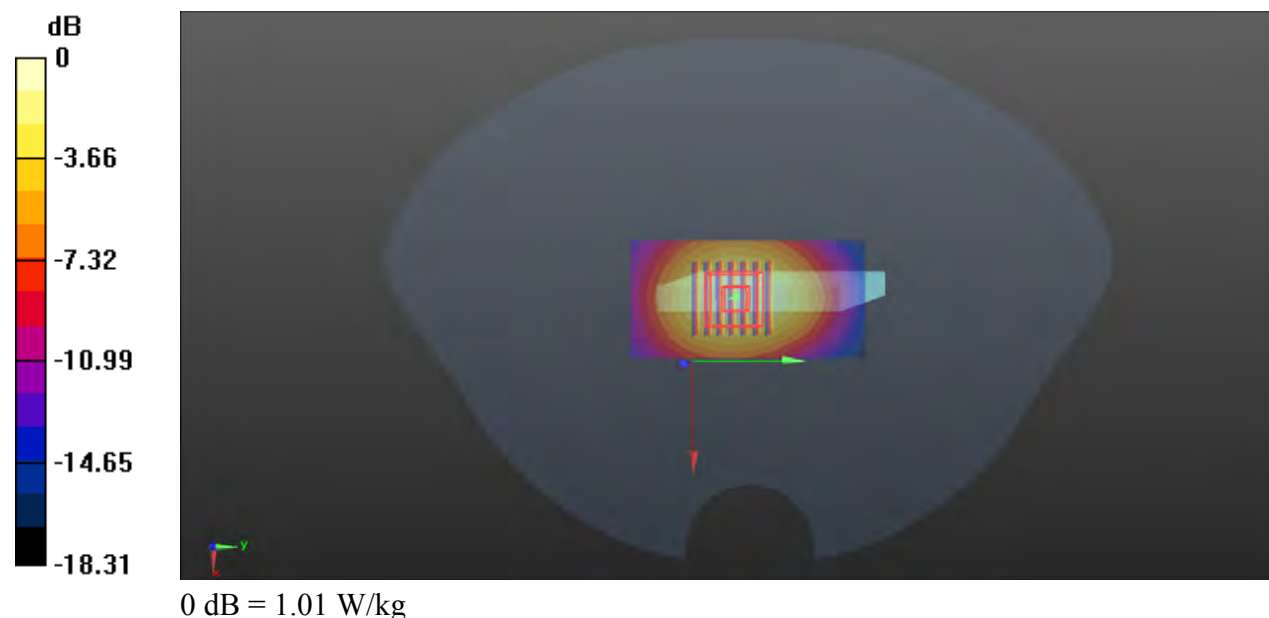
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 19.23 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.397 W/kg

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



P28 LTE 41_QPSK20M_Bottom Side_1cm_Ch40140_1RB_OS50_Ant0

Communication System: LTE TDD; Frequency: 2545 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2545$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 38.587$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2545 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.758 W/kg

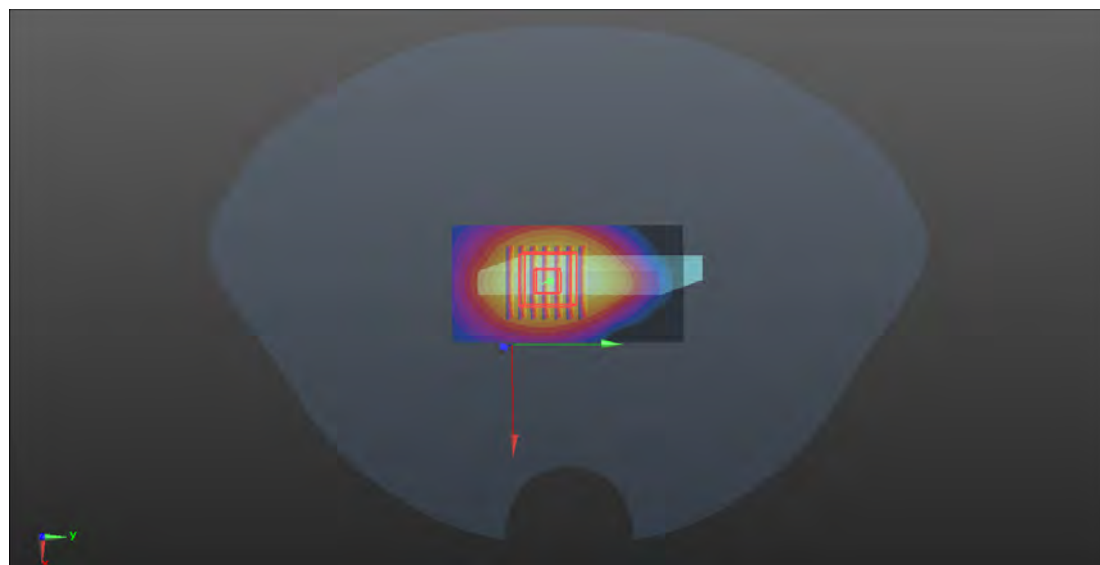
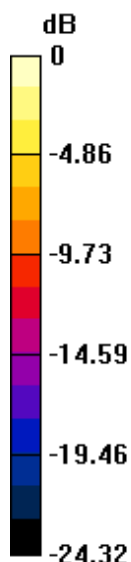
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.01 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg

P29 WLAN2.4G_802.11b_Rear Face_1cm_Ch11

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

Medium: HSL2450_0209 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.866$ S/m; $\epsilon_r = 40.852$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.59, 7.59, 7.59) @ 2462 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

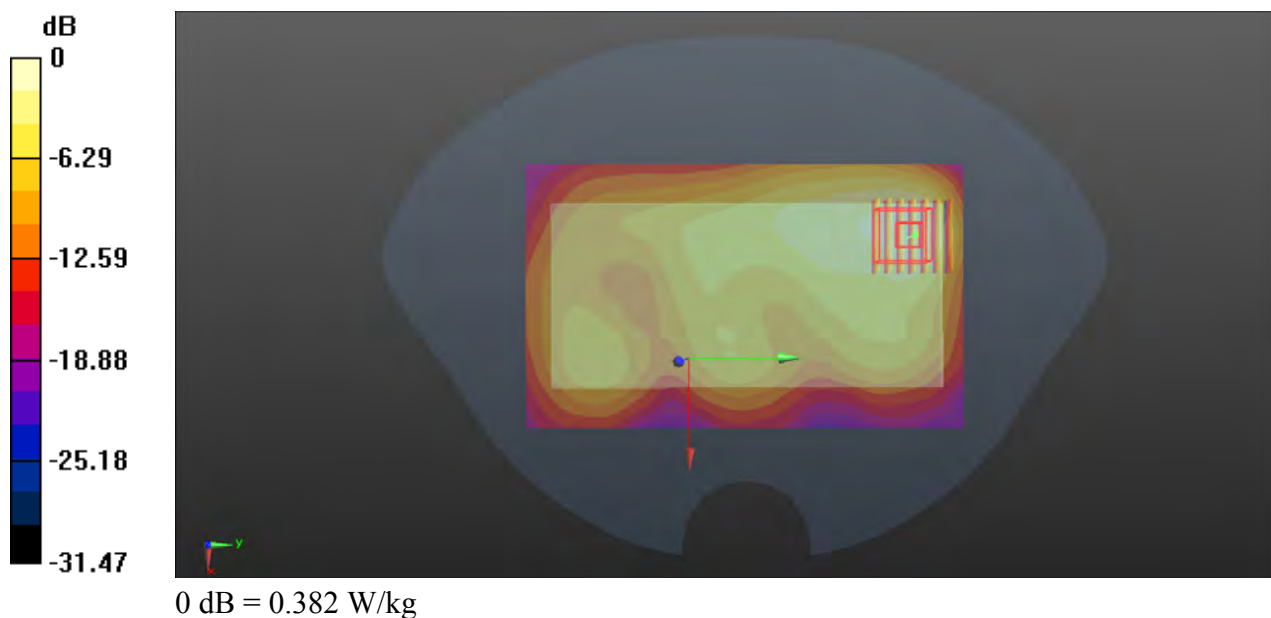
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.681 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.533 W/kg

SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



P30 WLAN5G_802.11ac80_Rear Face_1cm_Ch42

Communication System: 802.11ac_VHT80; Frequency: 5210 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0215 Medium parameters used: $f = 5210$ MHz; $\sigma = 4.696$ S/m; $\epsilon_r = 36.95$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.75, 4.75, 4.75) @ 5210 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.351 W/kg

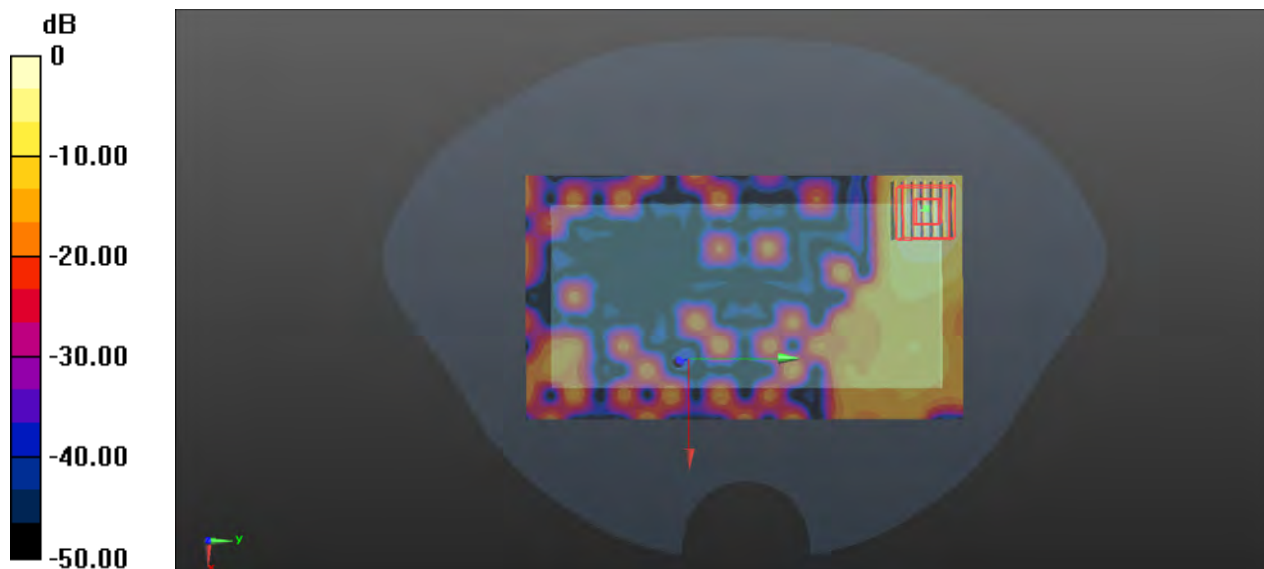
- Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

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

Peak SAR (extrapolated) = 0.661 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg

P31 WLAN5G_802.11ac80_Top Side_1cm_Ch155

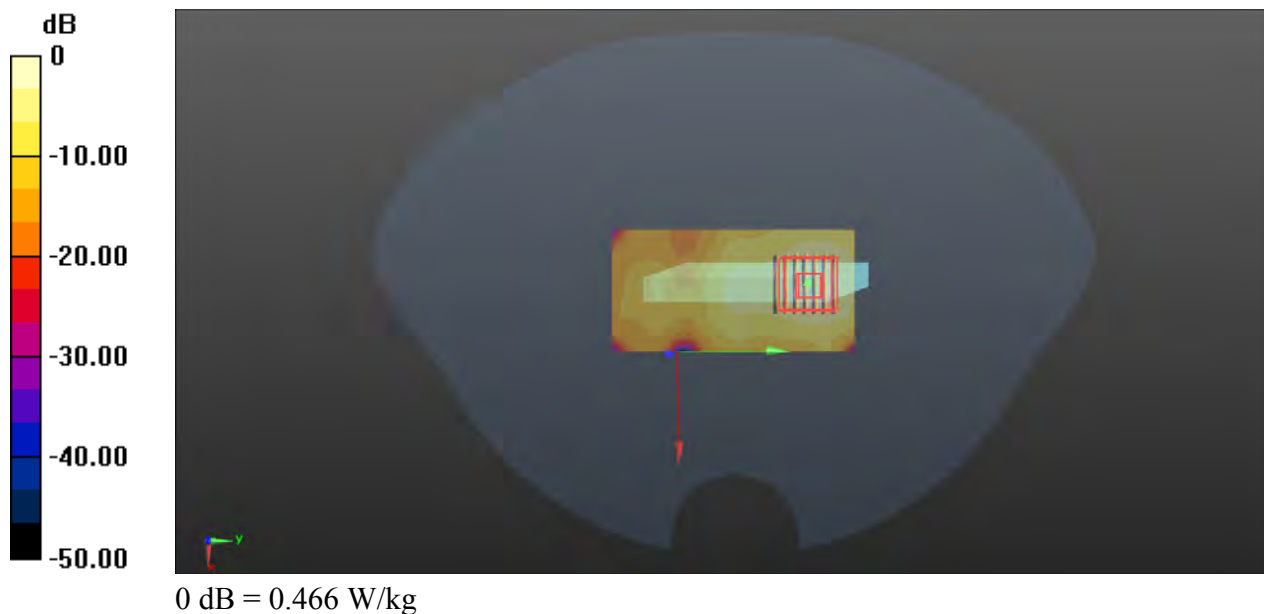
Communication System: 802.11ac_VHT80; Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: HSL5G_0216 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 35.754$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6°C; Liquid Temperature : 22.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.48, 4.48, 4.48) @ 5775 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- 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) = 0.436 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 3.590 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.083 W/kg
Maximum value of SAR (measured) = 0.466 W/kg



P32 BT_GFSK_Rear Face_1cm_Ch39

Communication System: BT; Frequency: 2441 MHz; Duty Cycle: 1:1.3

Medium: HSL2450_0209 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 40.934$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1)**: Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0533 W/kg

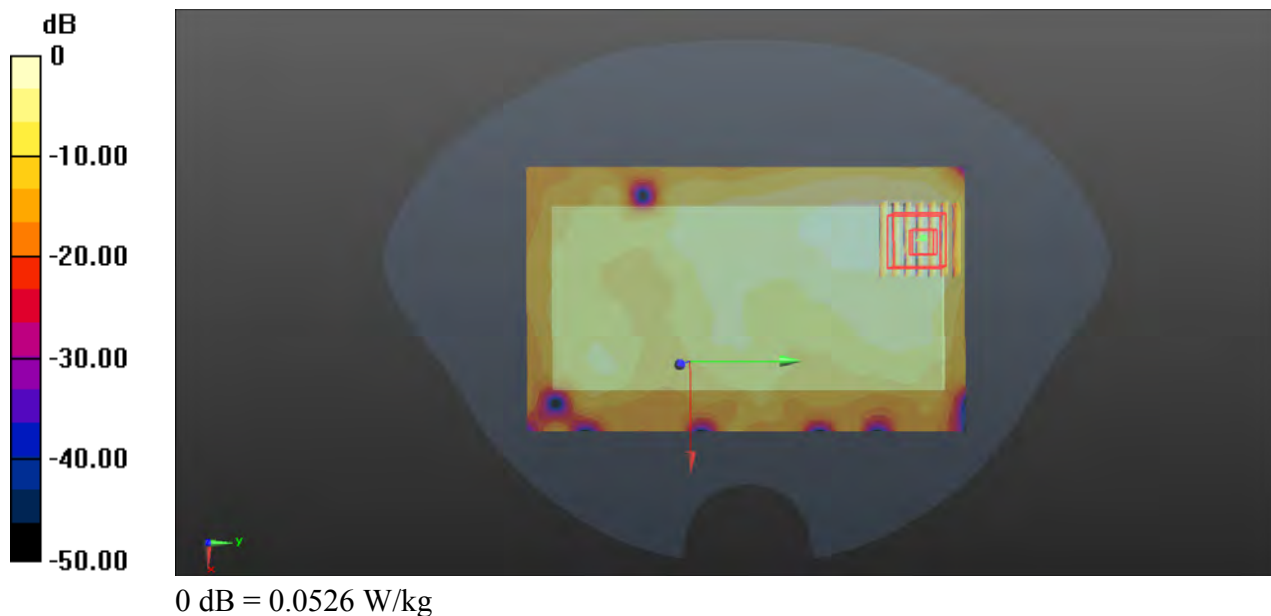
- **Zoom Scan (7x7x7)/Cube 0**: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.323 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0526 W/kg



P33 LTE 7_QPSK20M_Rear Face_0cm_Ch21350_50RB_OS25_Ant0

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600_0214 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 38.536$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2560 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 3.92 W/kg

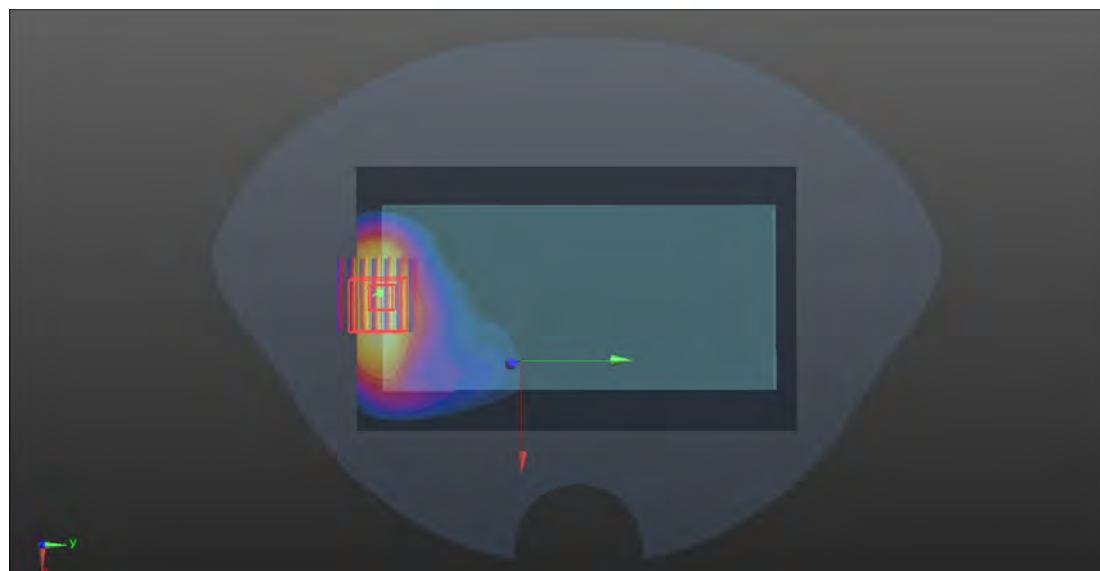
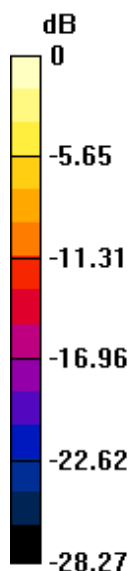
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 6.22 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 0.954 W/kg

Maximum value of SAR (measured) = 3.99 W/kg



0 dB = 3.99 W/kg

P34 LTE 38_QPSK20M_Rear Face_0cm_Ch37850_50RB_OS25_Ant0

Communication System: LTE TDD; Frequency: 2580 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2580$ MHz; $\sigma = 2.03$ S/m; $\epsilon_r = 38.448$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2580 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.28 W/kg

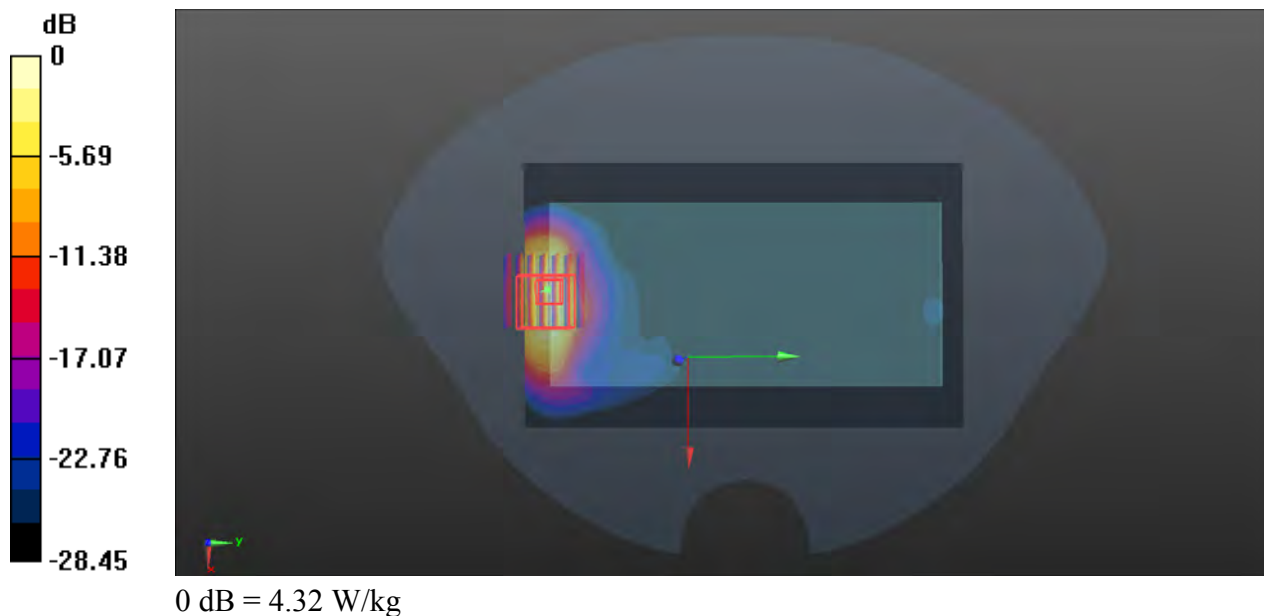
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.2780 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 6.42 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1 W/kg

Maximum value of SAR (measured) = 4.32 W/kg



P35 LTE 41_QPSK20M_Rear Face_0cm_Ch40140_50RB_OS25_Ant0

Communication System: LTE TDD; Frequency: 2545 MHz; Duty Cycle: 1:1.59

Medium: HSL2600_0214 Medium parameters used: $f = 2545$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 38.587$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(7.47, 7.47, 7.47) @ 2545 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

- **Area Scan (91x151x1):** Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 3.62 W/kg

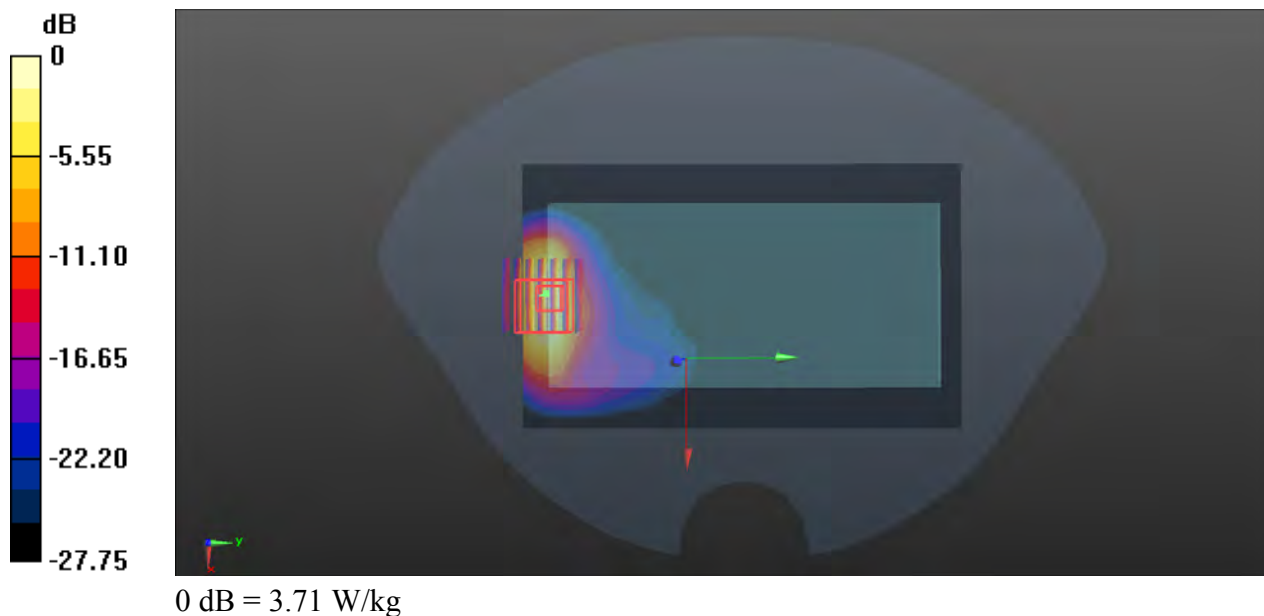
- **Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.4800 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.69 W/kg

SAR(1 g) = 2.21 W/kg; SAR(10 g) = 0.905 W/kg

Maximum value of SAR (measured) = 3.71 W/kg



P36 WLAN5G_802.11ac80_Top Side_0cm_Ch58

Communication System: 802.11ac_VHT80; Frequency: 5290 MHz; Duty Cycle: 1:1.12
Medium: HSL5G_0215 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.796$ S/m; $\epsilon_r = 36.793$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5°C; Liquid Temperature : 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.75, 4.75, 4.75) @ 5290 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- 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) = 4.71 W/kg

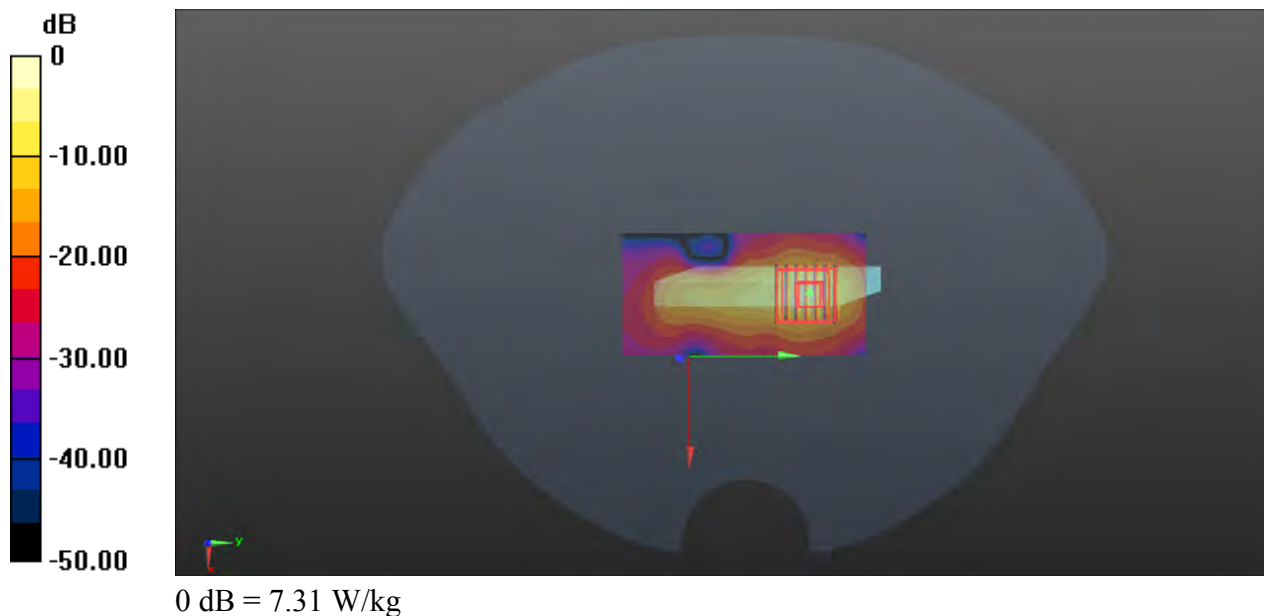
- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 10.49 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 14.9 W/kg

SAR(1 g) = 2.9 W/kg; SAR(10 g) = 0.669 W/kg

Maximum value of SAR (measured) = 7.31 W/kg



P37 WLAN5G_802.11ac80_Top Side_0cm_Ch106

Communication System: 802.11ac_VHT80; Frequency: 5530 MHz; Duty Cycle: 1:1
Medium: HSL5G_0215 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.085$ S/m; $\epsilon_r = 36.272$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.47, 4.47, 4.47) @ 5530 MHz; Calibrated: 2022/8/31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1389; Calibrated: 2022/11/9
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- 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) = 2.13 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 6.469 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.56 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 3.13 W/kg

