

Project No.	SHT2304087401EW		
Test sample No.	YPHT23030119005	Model No.	B300
Start test date	2023/6/2	Finish date	2023/6/9
Temperature	22.4°C	Humidity	45%
Test Engineer	Xiaodong Zhao	Auditor	<i>Hans HU</i>

Appendix clause	Test Item	Result
A	Conducted Power Measurement Results	PASS
B	SAR Measurement Results	PASS
C	Simultaneous Transmission analysis	PASS

LTE Cat M Band 2				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	20.83	20.87	20.65	21.00
			5	20.19	20.23	20.02	
		6	0	18.42	18.45	18.26	18.50
	16QAM	1	0	20.65	20.69	20.48	21.00
			5	20.73	20.77	20.56	
		6	0	18.59	18.62	18.43	19.00
3	QPSK	1	0	20.62	20.66	20.45	21.00
			14	20.56	20.60	20.39	
		15	0	18.40	18.43	18.24	18.50
	16QAM	1	0	20.41	20.45	20.24	20.50
			14	20.39	20.43	20.22	
		15	0	18.51	18.54	18.35	19.00
5	QPSK	1	0	20.42	20.46	20.25	21.00
			24	20.52	20.56	20.35	
		25	0	19.30	19.34	19.14	19.50
	16QAM	1	0	20.62	20.66	20.45	21.00
			24	20.57	20.61	20.40	
		25	0	19.30	19.34	19.14	19.50
10	QPSK	1	0	20.83	20.87	20.65	21.00
			49	20.73	20.77	20.56	
		50	0	19.43	19.47	19.27	19.50
	16QAM	1	0	20.62	20.66	20.45	21.00
			49	20.63	20.67	20.46	
		50	0	19.53	19.57	19.37	20.00
15	QPSK	1	0	20.85	20.89	20.67	21.00
			74	20.79	20.83	20.61	
		75	0	19.82	19.86	19.65	20.00
	16QAM	1	0	20.75	20.79	20.57	21.00
			74	20.65	20.69	20.48	
		75	0	19.74	19.78	19.58	20.00
20	QPSK	1	0	20.88	20.92	20.70	21.00
			99	20.86	20.90	20.68	
		100	0	19.82	19.86	19.65	20.00
	16QAM	1	0	20.93	20.97	20.75	21.00
			99	20.91	20.95	20.73	
		100	0	19.73	19.77	19.57	20.00

LTE Cat M Band 4				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	20.24	20.60	20.40	21.00
			5	20.06	20.41	20.21	
		6	0	17.98	18.30	18.12	18.50
	16QAM	1	0	20.27	20.63	20.43	21.00
			5	19.98	20.33	20.13	
		6	0	17.86	18.18	18.00	18.50
3	QPSK	1	0	20.34	20.70	20.50	21.00
			14	20.12	20.48	20.28	
		15	0	18.13	18.45	18.27	18.50
	16QAM	1	0	20.39	20.75	20.55	21.00
			14	20.25	20.61	20.41	
		15	0	18.12	18.44	18.26	18.50
5	QPSK	1	0	20.41	20.77	20.57	21.00
			24	20.29	20.65	20.45	
		25	0	19.23	19.57	19.38	20.00
	16QAM	1	0	20.14	20.50	20.30	21.00
			24	20.14	20.50	20.30	
		25	0	19.21	19.55	19.36	20.00
10	QPSK	1	0	20.45	20.81	20.61	21.00
			49	20.36	20.72	20.52	
		50	0	19.15	19.49	19.30	19.50
	16QAM	1	0	19.98	20.33	20.13	21.00
			49	20.14	20.50	20.30	
		50	0	19.22	19.56	19.37	20.00
15	QPSK	1	0	20.58	20.94	20.74	21.00
			74	20.26	20.62	20.42	
		75	0	20.19	20.55	20.35	21.00
	16QAM	1	0	20.29	20.65	20.45	21.00
			74	20.11	20.47	20.27	
		75	0	20.26	20.62	20.42	21.00
20	QPSK	1	0	20.64	20.99	20.80	21.00
			99	20.32	20.68	20.48	
		100	0	20.27	20.63	20.43	21.00
	16QAM	1	0	20.25	20.61	20.41	21.00
			99	20.09	20.45	20.25	
		100	0	20.30	20.66	20.46	21.00

LTE Cat M Band 12				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	20.50	20.77	20.59	21.00
			5	20.52	20.79	20.61	
		6	0	18.46	18.70	18.54	19.00
	16QAM	1	0	20.52	20.79	20.61	21.00
			5	20.38	20.65	20.47	
		6	0	18.46	18.70	18.54	19.00
3	QPSK	1	0	20.64	20.91	20.73	21.00
			14	20.65	20.92	20.74	
		15	0	18.51	18.76	18.60	19.00
	16QAM	1	0	20.48	20.75	20.57	21.00
			14	20.35	20.62	20.44	
		15	0	18.50	18.75	18.59	19.00
5	QPSK	1	0	20.70	20.97	20.79	21.00
			24	20.69	20.96	20.78	
		25	0	19.59	19.85	19.68	20.00
	16QAM	1	0	20.47	20.74	20.56	21.00
			24	20.49	20.76	20.58	
		25	0	19.48	19.74	19.57	20.00
10	QPSK	1	0	20.53	20.80	20.62	21.00
			49	20.48	20.75	20.57	
		50	0	19.49	19.75	19.58	20.00
	16QAM	1	0	20.54	20.81	20.63	21.00
			49	20.47	20.74	20.56	
		50	0	19.50	19.76	19.59	20.00

LTE Cat M Band 13				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	20.58	20.77	20.55	21.00
			24	20.59	20.79	20.57	
		25	0	19.39	19.57	19.36	20.00
	16QAM	1	0	20.55	20.74	20.52	21.00
			24	20.39	20.58	20.36	
		25	0	19.33	19.51	19.30	20.00
10	QPSK	1	0	-	20.84	-	21.00
			49	-	20.80	-	
		50	0	-	19.79	-	20.00
	16QAM	1	0	-	20.79	-	21.00
			49	-	20.72	-	
		50	0	-	19.91	-	20.00

LTE Cat M Band 66				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	20.28	20.51	20.31	21.00
			5	20.35	20.58	20.38	
		6	0	18.57	18.78	18.59	19.00
	16QAM	1	0	20.12	20.34	20.14	20.50
			5	20.22	20.45	20.25	
		6	0	18.67	18.88	18.69	19.00
3	QPSK	1	0	20.39	20.62	20.42	21.00
			14	20.41	20.64	20.44	
		15	0	18.64	18.85	18.66	19.00
	16QAM	1	0	20.44	20.67	20.47	21.00
			14	20.42	20.65	20.45	
		15	0	18.63	18.84	18.65	19.00
5	QPSK	1	0	20.54	20.77	20.57	21.00
			24	20.49	20.72	20.52	
		25	0	18.75	18.96	18.77	19.00
	16QAM	1	0	20.56	20.79	20.59	21.00
			24	20.54	20.77	20.57	
		25	0	18.74	18.95	18.76	19.00
10	QPSK	1	0	20.59	20.82	20.61	21.00
			49	20.63	20.86	20.65	
		50	0	18.54	18.75	18.57	19.00
	16QAM	1	0	20.56	20.79	20.59	21.00
			49	20.61	20.84	20.63	
		50	0	18.64	18.85	18.66	19.00
15	QPSK	1	0	20.46	20.69	20.49	21.00
			74	20.41	20.64	20.44	
		75	0	19.63	19.85	19.65	20.00
	16QAM	1	0	20.56	20.79	20.59	21.00
			74	20.57	20.80	20.60	
		75	0	19.62	19.84	19.64	20.00
20	QPSK	1	0	20.71	20.94	20.73	21.00
			99	20.68	20.91	20.70	
		100	0	19.73	19.95	19.75	20.00
	16QAM	1	0	20.66	20.89	20.68	21.00
			99	20.59	20.82	20.61	
		100	0	19.72	19.94	19.74	20.00

LTE Cat NB Band 2			Conducted Power (dBm)			Tune-up Limit(dBm)
Modulation	SCS(kHz)	Tones	Low	Middle	High	
BPSK	3.75	1@0	20.57	20.77	20.54	21.00
		1@47	20.45	20.65	20.43	
	15	1@0	20.14	20.34	20.12	20.50
		1@11	20.19	20.39	20.17	
QPSK	3.75	1@0	20.49	20.69	20.47	21.00
		1@47	20.51	20.71	20.49	
	15	1@0	20.24	20.44	20.22	20.50
		1@11	20.22	20.42	20.20	
	15	12@0	19.45	19.64	19.43	20.00

LTE Cat NB Band 4			Conducted Power (dBm)			Tune-up Limit(dBm)
Modulation	SCS(kHz)	Tones	Low	Middle	High	
BPSK	3.75	1@0	20.44	20.71	20.55	21.00
		1@47	20.41	20.68	20.52	
	15	1@0	20.23	20.50	20.34	21.00
		1@11	20.26	20.53	20.37	
QPSK	3.75	1@0	20.42	20.69	20.53	21.00
		1@47	20.38	20.65	20.49	
	15	1@0	20.24	20.51	20.35	21.00
		1@11	20.20	20.47	20.31	
	15	12@0	19.30	19.56	19.41	20.00

LTE Cat NB Band 12			Conducted Power (dBm)			Tune-up Limit(dBm)
Modulation	SCS(kHz)	Tones	Low	Middle	High	
BPSK	3.75	1@0	20.49	20.63	20.36	21.00
		1@47	20.49	20.63	20.36	
	15	1@0	20.51	20.65	20.38	21.00
		1@11	20.44	20.58	20.31	
QPSK	3.75	1@0	20.52	20.66	20.39	21.00
		1@47	20.42	20.56	20.29	
	15	1@0	20.53	20.67	20.40	21.00
		1@11	20.45	20.59	20.32	
	15	12@0	18.20	18.32	18.08	18.50

LTE Cat NB Band 13			Conducted Power (dBm)			Tune-up Limit(dBm)
Modulation	SCS(kHz)	Tones	Low	Middle	High	
BPSK	3.75	1@0	20.39	20.71	20.55	21.00
		1@47	20.33	20.65	20.49	
	15	1@0	20.44	20.76	20.60	21.00
		1@11	20.39	20.71	20.55	
QPSK	3.75	1@0	20.49	20.81	20.65	21.00
		1@47	20.40	20.72	20.56	
	15	1@0	20.49	20.81	20.65	21.00
		1@11	20.53	20.85	20.69	
	15	12@0	18.22	18.51	18.36	19.00

LTE Cat NB Band 66			Conducted Power (dBm)			Tune-up Limit(dBm)
Modulation	SCS(kHz)	Tones	Low	Middle	High	
BPSK	3.75	1@0	20.58	20.84	20.63	21.00
		1@47	20.56	20.82	20.61	
	15	1@0	20.26	20.51	20.30	21.00
		1@11	20.25	20.50	20.29	
QPSK	3.75	1@0	20.50	20.76	20.55	21.00
		1@47	20.51	20.77	20.56	
	15	1@0	20.24	20.49	20.28	20.50
		1@11	20.19	20.44	20.23	
	15	12@0	19.53	19.77	19.57	20.00

Appendix A:Conducted Power Measurement Results-Bluetooth

Bluetooth					
Mode	Channel	Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)	Tune-up limit (dBm)
BLE 1Mbps	0	2402	0.72	0.69	1.00
	19	2440	0.71	0.69	1.00
	39	2480	0.54	0.51	1.00

Appendix B:SAR Measurement Results-Head

LTE Cat M Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	18700	1860.0	20.88	21.00	1.028	-	-	-	-
		18900	1880.0	20.92	21.00	1.019	-0.16	0.002	0.002	1
		19100	1900.0	20.70	21.00	1.072	-	-	-	-

LTE Cat M Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20050	1720.0	20.64	21.00	1.086	-	-	-	-
		20175	1732.5	20.99	21.00	1.002	-0.11	0.002	0.002	2
		20300	1745.0	20.80	21.00	1.047	-	-	-	-

LTE Cat M Band 12										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	23060	704.0	20.53	21.00	1.114	-	-	-	-
		23095	707.5	20.80	21.00	1.047	-0.16	0.001	0.001	3
		23130	711.0	20.62	21.00	1.091	-	-	-	-

LTE Cat M Band 13										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	23230	782.0	20.84	21.00	1.038	-0.08	0.001	0.001	4

LTE Cat M Band 66										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	132072	1720.0	20.71	21.00	1.069	-	-	-	-
		132322	1745.0	20.94	21.00	1.014	-0.15	0.002	0.002	5
		132572	1770.0	20.73	21.00	1.064	-	-	-	-

LTE Cat NB Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	18601	1850.1	20.57	21.00	1.104	-	-	-	-
		18900	1880.0	20.77	21.00	1.054	-0.11	0.003	0.003	6
		19199	1909.9	20.54	21.00	1.112	-	-	-	-

LTE Cat NB Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	19951	1710.1	20.44	21.00	1.138	-	-	-	-
		20175	1732.5	20.71	21.00	1.069	-0.10	0.003	0.004	7
		20399	1754.9	20.55	21.00	1.109	-	-	-	-

LTE Cat NB Band 12										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	23011	699.1	20.49	21.00	1.125	-	-	-	-
		23095	707.5	20.63	21.00	1.089	-0.04	0.001	0.001	8
		23179	715.9	20.36	21.00	1.159	-	-	-	-

LTE Cat NB Band 13										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	23181	777.1	20.39	21.00	1.151	-	-	-	-
		23230	782.0	20.71	21.00	1.069	-0.18	0.001	0.001	9
		23279	786.9	20.55	21.00	1.109	-	-	-	-

LTE Cat NB Band 66										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	131973	1710.1	20.58	21.00	1.102	-	-	-	-
		132322	1745.0	20.84	21.00	1.038	-0.18	0.003	0.003	10
		132671	1779.9	20.63	21.00	1.089	-	-	-	-

Appendix B:SAR Measurement Results-Extremity

LTE Cat M Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	18700	1860.0	20.88	21.00	1.028	-	-	-	-
		18900	1880.0	20.92	21.00	1.019	-0.14	0.028	0.029	-
		19100	1900.0	20.70	21.00	1.072	-	-	-	-
	Rear	18700	1860.0	20.88	21.00	1.028	-	-	-	-
		18900	1880.0	20.92	21.00	1.019	-0.17	0.057	0.058	11
		19100	1900.0	20.70	21.00	1.072	-	-	-	-
	Left	18700	1860.0	20.88	21.00	1.028	-	-	-	-
		18900	1880.0	20.92	21.00	1.019	-0.11	0.019	0.019	-
		19100	1900.0	20.70	21.00	1.072	-	-	-	-
	Right	18700	1860.0	20.88	21.00	1.028	-	-	-	-
		18900	1880.0	20.92	21.00	1.019	-0.03	0.017	0.017	-
		19100	1900.0	20.70	21.00	1.072	-	-	-	-

LTE Cat M Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20050	1720.0	20.64	21.00	1.086	-	-	-	-
		20175	1732.5	20.99	21.00	1.002	-0.12	0.021	0.021	-
		20300	1745.0	20.80	21.00	1.047	-	-	-	-
	Rear	20050	1720.0	20.64	21.00	1.086	-	-	-	-
		20175	1732.5	20.99	21.00	1.002	-0.15	0.039	0.039	12
		20300	1745.0	20.80	21.00	1.047	-	-	-	-
	Left	20050	1720.0	20.64	21.00	1.086	-	-	-	-
		20175	1732.5	20.99	21.00	1.002	-0.09	0.014	0.014	-
		20300	1745.0	20.80	21.00	1.047	-	-	-	-
	Right	20050	1720.0	20.64	21.00	1.086	-	-	-	-
		20175	1732.5	20.99	21.00	1.002	0.03	0.016	0.016	-
		20300	1745.0	20.80	21.00	1.047	-	-	-	-

LTE Cat M Band 12										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	23060	704.0	20.53	21.00	1.114	-	-	-	-
		23095	707.5	20.80	21.00	1.047	-0.19	0.020	0.021	-
		23130	711.0	20.62	21.00	1.091	-	-	-	-
	Rear	23060	704.0	20.53	21.00	1.114	-	-	-	-
		23095	707.5	20.80	21.00	1.047	-0.13	0.035	0.037	13
		23130	711.0	20.62	21.00	1.091	-	-	-	-
	Left	23060	704.0	20.53	21.00	1.114	-	-	-	-
		23095	707.5	20.80	21.00	1.047	-0.08	0.015	0.016	-
		23130	711.0	20.62	21.00	1.091	-	-	-	-
	Right	23060	704.0	20.53	21.00	1.114	-	-	-	-
		23095	707.5	20.80	21.00	1.047	0.06	0.013	0.014	-
		23130	711.0	20.62	21.00	1.091	-	-	-	-

LTE Cat M Band 13										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	23230	782.0	20.84	21.00	1.038	-0.11	0.014	0.015	-
	Rear	23230	782.0	20.84	21.00	1.038	-0.12	0.022	0.023	14
	Left	23230	782.0	20.84	21.00	1.038	0.06	0.009	0.009	-
	Right	23230	782.0	20.84	21.00	1.038	0.14	0.008	0.008	-

LTE Cat M Band 66										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	132072	1720.0	20.71	21.00	1.069	-	-	-	-
		132322	1745.0	20.94	21.00	1.014	0.12	0.022	0.022	-
		132572	1770.0	20.73	21.00	1.064	-	-	-	-
	Rear	132072	1720.0	20.71	21.00	1.069	-	-	-	-
		132322	1745.0	20.94	21.00	1.014	-0.13	0.034	0.035	15
		132572	1770.0	20.73	21.00	1.064	-	-	-	-
	Left	132072	1720.0	20.71	21.00	1.069	-	-	-	-
		132322	1745.0	20.94	21.00	1.014	0.16	0.017	0.017	-
		132572	1770.0	20.73	21.00	1.064	-	-	-	-
	Right	132072	1720.0	20.71	21.00	1.069	-	-	-	-
		132322	1745.0	20.94	21.00	1.014	-0.08	0.015	0.015	-
		132572	1770.0	20.73	21.00	1.064	-	-	-	-

LTE Cat NB Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	18601	1850.1	20.57	21.00	1.104	-	-	-	-
		18900	1880.0	20.77	21.00	1.054	0.03	0.144	0.152	-
		19199	1909.9	20.54	21.00	1.112	-	-	-	-
	Rear	18601	1850.1	20.57	21.00	1.104	-	-	-	-
		18900	1880.0	20.77	21.00	1.054	0.09	0.197	0.208	11
		19199	1909.9	20.54	21.00	1.112	-	-	-	-
	Left	18601	1850.1	20.57	21.00	1.104	-	-	-	-
		18900	1880.0	20.77	21.00	1.054	0.14	0.095	0.100	-
		19199	1909.9	20.54	21.00	1.112	-	-	-	-
	Right	18601	1850.1	20.57	21.00	1.104	-	-	-	-
		18900	1880.0	20.77	21.00	1.054	0.06	0.093	0.098	-
		19199	1909.9	20.54	21.00	1.112	-	-	-	-

LTE Cat NB Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	19951	1710.1	20.44	21.00	1.138	-	-	-	-
		20175	1732.5	20.71	21.00	1.069	-0.18	0.128	0.137	-
		20399	1754.9	20.55	21.00	1.109	-	-	-	-
	Rear	19951	1710.1	20.44	21.00	1.138	-	-	-	-
		20175	1732.5	20.71	21.00	1.069	0.03	0.186	0.199	12
		20399	1754.9	20.55	21.00	1.109	-	-	-	-
	Left	19951	1710.1	20.44	21.00	1.138	-	-	-	-
		20175	1732.5	20.71	21.00	1.069	-0.14	0.087	0.093	-
		20399	1754.9	20.55	21.00	1.109	-	-	-	-
	Right	19951	1710.1	20.44	21.00	1.138	-	-	-	-
		20175	1732.5	20.71	21.00	1.069	0.09	0.085	0.091	-
		20399	1754.9	20.55	21.00	1.109	-	-	-	-

LTE Cat NB Band 12										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	23011	699.1	20.49	21.00	1.125	-	-	-	-
		23095	707.5	20.63	21.00	1.089	-0.11	0.079	0.086	-
		23179	715.9	20.36	21.00	1.159	-	-	-	-
	Rear	23011	699.1	20.49	21.00	1.125	-	-	-	-
		23095	707.5	20.63	21.00	1.089	0.05	0.097	0.106	13
		23179	715.9	20.36	21.00	1.159	-	-	-	-
	Left	23011	699.1	20.49	21.00	1.125	-	-	-	-
		23095	707.5	20.63	21.00	1.089	0.08	0.052	0.057	-
		23179	715.9	20.36	21.00	1.159	-	-	-	-
	Right	23011	699.1	20.49	21.00	1.125	-	-	-	-
		23095	707.5	20.63	21.00	1.089	0.14	0.048	0.052	-
		23179	715.9	20.36	21.00	1.159	-	-	-	-

LTE Cat NB Band 13										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	23181	777.1	20.39	21.00	1.151	-	-	-	-
		23230	782.0	20.71	21.00	1.069	-0.11	0.023	0.025	-
		23279	786.9	20.55	21.00	1.109	-	-	-	-
	Rear	23181	777.1	20.39	21.00	1.151	-	-	-	-
		23230	782.0	20.71	21.00	1.069	-0.15	0.035	0.038	14
		23279	786.9	20.55	21.00	1.109	-	-	-	-
	Left	23181	777.1	20.39	21.00	1.151	-	-	-	-
		23230	782.0	20.71	21.00	1.069	0.06	0.014	0.015	-
		23279	786.9	20.55	21.00	1.109	-	-	-	-
	Right	23181	777.1	20.39	21.00	1.151	-	-	-	-
		23230	782.0	20.71	21.00	1.069	0.12	0.016	0.017	-
		23279	786.9	20.55	21.00	1.109	-	-	-	-

LTE Cat NB Band 66										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(10g)	Report SAR(10g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
BPSK 3.75kHz 1@0	Front	131973	1710.1	20.58	21.00	1.102	-	-	-	-
		132322	1745.0	20.84	21.00	1.038	-0.17	0.119	0.123	-
		132671	1779.9	20.63	21.00	1.089	-	-	-	-
	Rear	131973	1710.1	20.58	21.00	1.102	-	-	-	-
		132322	1745.0	20.84	21.00	1.038	-0.08	0.169	0.175	15
		132671	1779.9	20.63	21.00	1.089	-	-	-	-
	Left	131973	1710.1	20.58	21.00	1.102	-	-	-	-
		132322	1745.0	20.84	21.00	1.038	0.06	0.076	0.079	-
		132671	1779.9	20.63	21.00	1.089	-	-	-	-
	Right	131973	1710.1	20.58	21.00	1.102	-	-	-	-
		132322	1745.0	20.84	21.00	1.038	0.12	0.081	0.084	-
		132671	1779.9	20.63	21.00	1.089	-	-	-	-

Appendix C: Simultaneous Transmission analysis-Head

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
LTE Cat M	Band 2	Front	0.002	0.018	0.020
	Band 4	Front	0.002	0.018	0.020
	Band 12	Front	0.001	0.018	0.019
	Band 13	Front	0.001	0.018	0.019
	Band 66	Front	0.002	0.018	0.020
LTE Cat NB	Band 2	Front	0.003	0.018	0.021
	Band 4	Front	0.004	0.018	0.022
	Band 12	Front	0.001	0.018	0.019
	Band 13	Front	0.001	0.018	0.019
	Band 66	Front	0.003	0.018	0.021

Appendix C: Simultaneous Transmission analysis-Extremity

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
LTE Cat M	Band 2	Front	0.029	0.021	0.050
		Rear	0.058	0.021	0.079
		Left	0.019	0.021	0.040
		Right	0.017	0.021	0.038
	Band 4	Front	0.021	0.021	0.042
		Rear	0.039	0.021	0.060
		Left	0.014	0.021	0.035
		Right	0.016	0.021	0.037
	Band 12	Front	0.021	0.021	0.042
		Rear	0.037	0.021	0.058
		Left	0.016	0.021	0.037
		Right	0.014	0.021	0.035
	Band 13	Front	0.015	0.021	0.036
		Rear	0.023	0.021	0.044
		Left	0.009	0.021	0.030
		Right	0.008	0.021	0.029
Band 66	Front	0.022	0.021	0.043	
	Rear	0.035	0.021	0.056	
	Left	0.017	0.021	0.038	
	Right	0.015	0.021	0.036	
LTE Cat NB	Band 2	Front	0.152	0.021	0.173
		Rear	0.208	0.021	0.229
		Left	0.100	0.021	0.121
		Right	0.098	0.021	0.119
	Band 4	Front	0.137	0.021	0.158
		Rear	0.199	0.021	0.220
		Left	0.093	0.021	0.114
		Right	0.091	0.021	0.112
	Band 12	Front	0.086	0.021	0.107
		Rear	0.106	0.021	0.127
		Left	0.057	0.021	0.078
		Right	0.052	0.021	0.073
	Band 13	Front	0.025	0.021	0.046
		Rear	0.038	0.021	0.059
		Left	0.015	0.021	0.036
		Right	0.017	0.021	0.038
Band 66	Front	0.123	0.021	0.144	
	Rear	0.175	0.021	0.196	
	Left	0.079	0.021	0.100	
	Right	0.084	0.021	0.105	

LTE Cat M Band 2-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 38.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C; Liquid Temperature: 22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.64, 8.64, 8.64) @ 1880 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 18900/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00777 W/kg

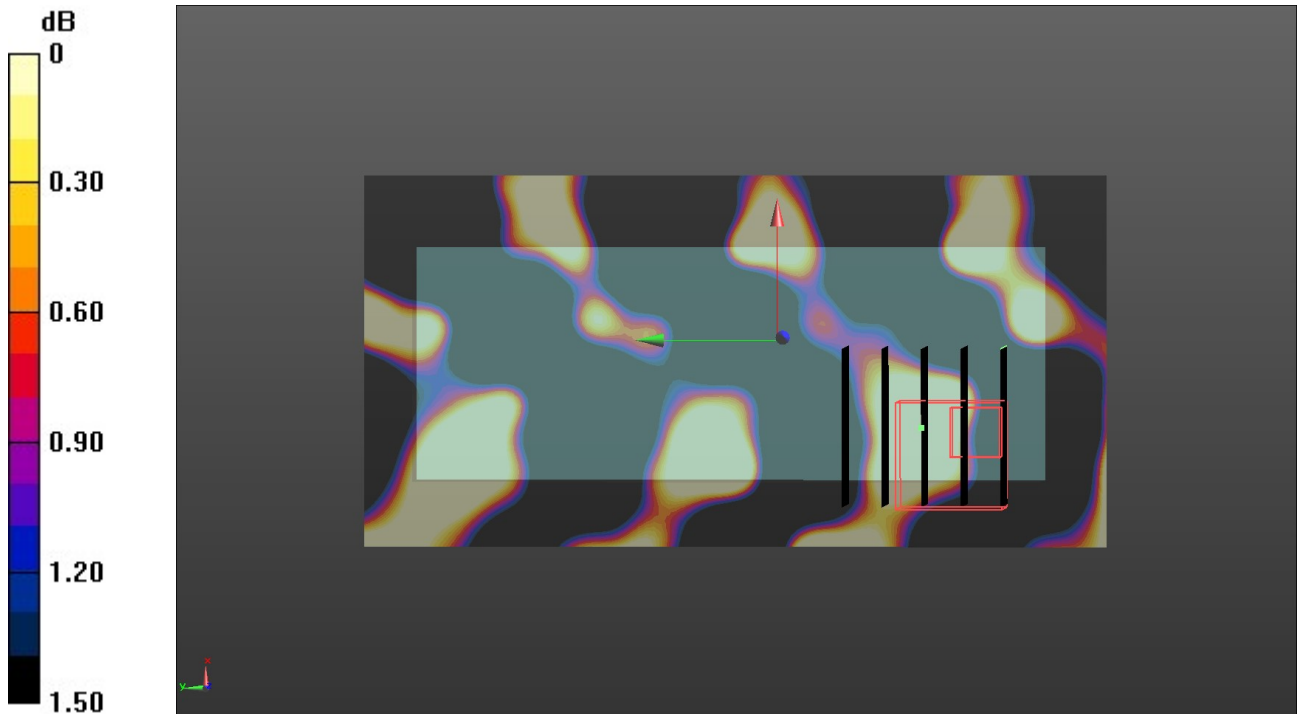
Front of face/CH 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.9980 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.00406 W/kg

SAR(1 g) = 0.00216 W/kg; SAR(10 g) = 0.00151 W/kg

Maximum value of SAR (measured) = 0.00329 W/kg



0 dB = 0.00329 W/kg = -24.83 dBW/kg

LTE Cat M Band 4-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 38.581$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.7°C; Liquid Temperature: 22.5°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.99, 8.99, 8.99) @ 1732.5 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 20175/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00840 W/kg

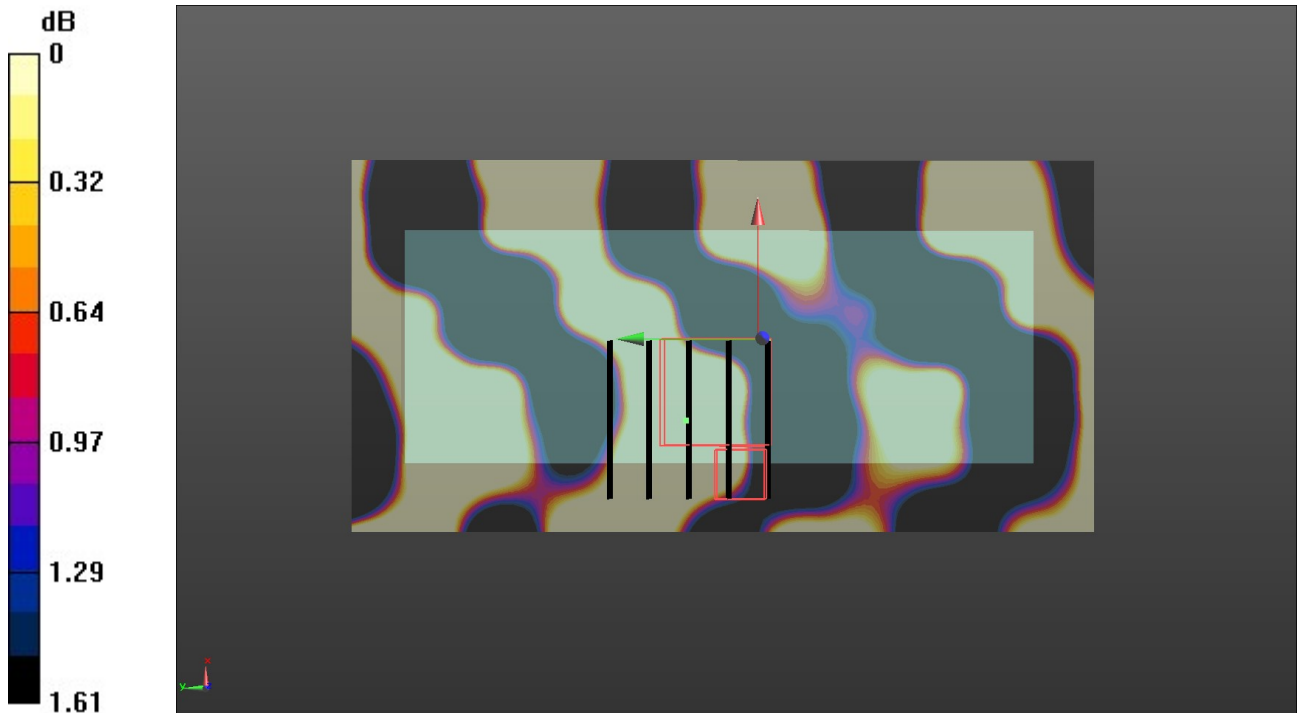
Front of face/CH 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.448 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.00381 W/kg

SAR(1 g) = 0.0016 W/kg; SAR(10 g) = 0.00111 W/kg

Maximum value of SAR (measured) = 0.00249 W/kg



0 dB = 0.00249 W/kg = -26.04 dBW/kg

LTE Cat M Band 12-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 40.498$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C; Liquid Temperature: 22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.8, 10.8, 10.8) @ 707.5 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 23095/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00445 W/kg

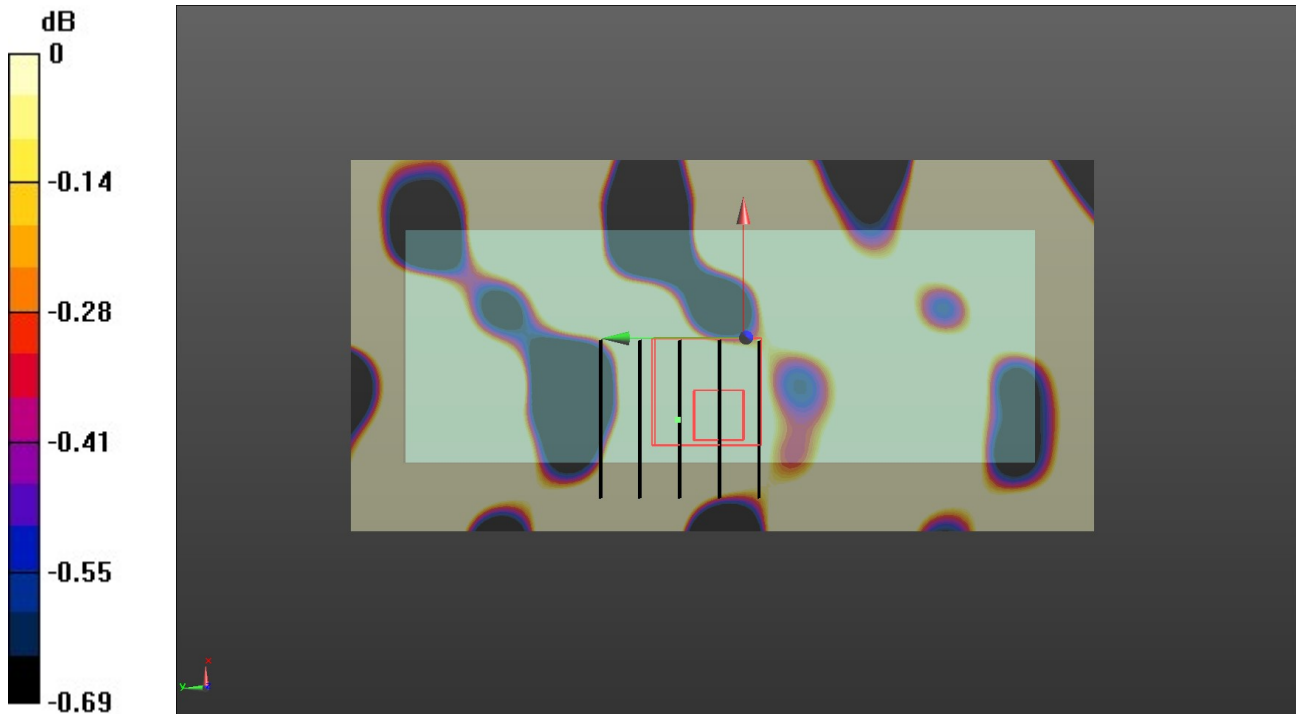
Front of face/CH 23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.278 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.00210 W/kg

SAR(1 g) = 0.00125 W/kg; SAR(10 g) = 0.000904 W/kg

Maximum value of SAR (measured) = 0.00184 W/kg



0 dB = 0.00184 W/kg = -27.35 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd., SAR Lab

Date: 6/8/2023

LTE Cat M Band 13-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 782$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 40.206$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C; Liquid Temperature: 22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.8, 10.8, 10.8) @ 782 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 23230/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00456 W/kg

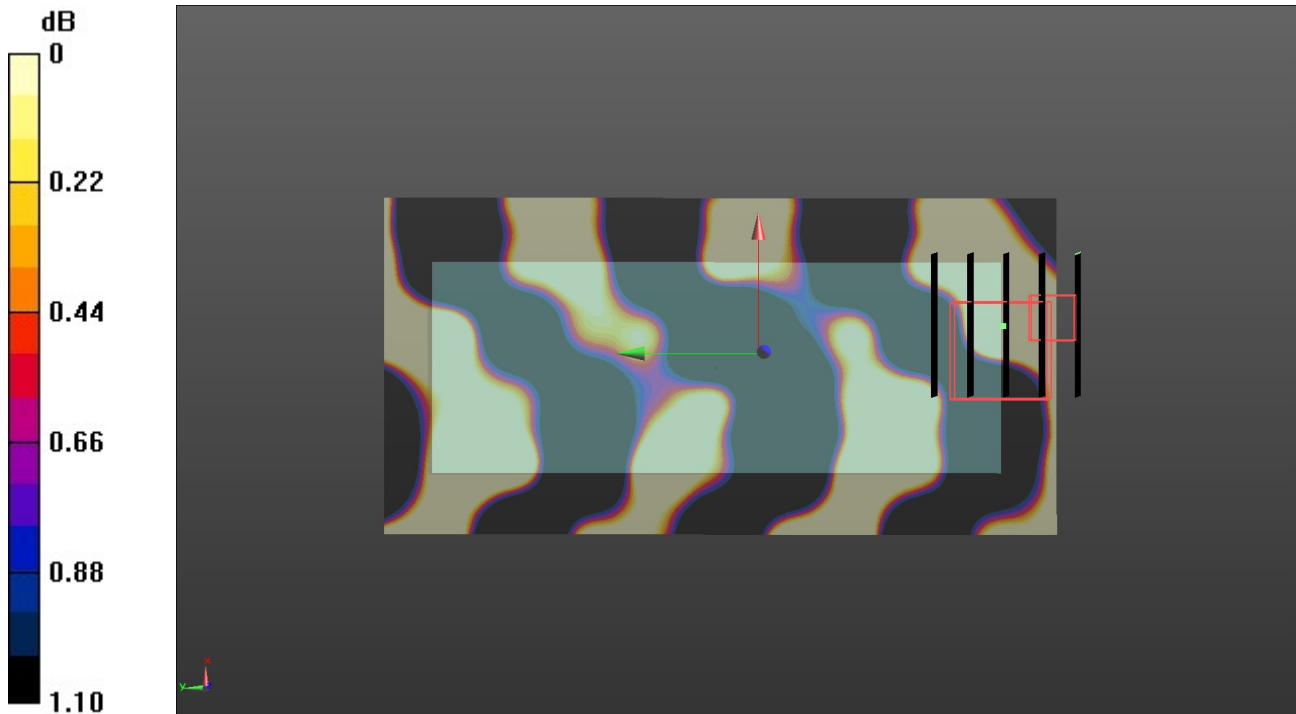
Front of face/CH 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.321 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.00197 W/kg

SAR(1 g) = 0.00121 W/kg; SAR(10 g) = 0.00081 W/kg

Maximum value of SAR (measured) = 0.00170 W/kg



0 dB = 0.00170 W/kg = -27.70 dBW/kg

LTE Cat M Band 66-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.1°C; Liquid Temperature: 21.9°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.99, 8.99, 8.99) @ 1745 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 132322/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00888 W/kg

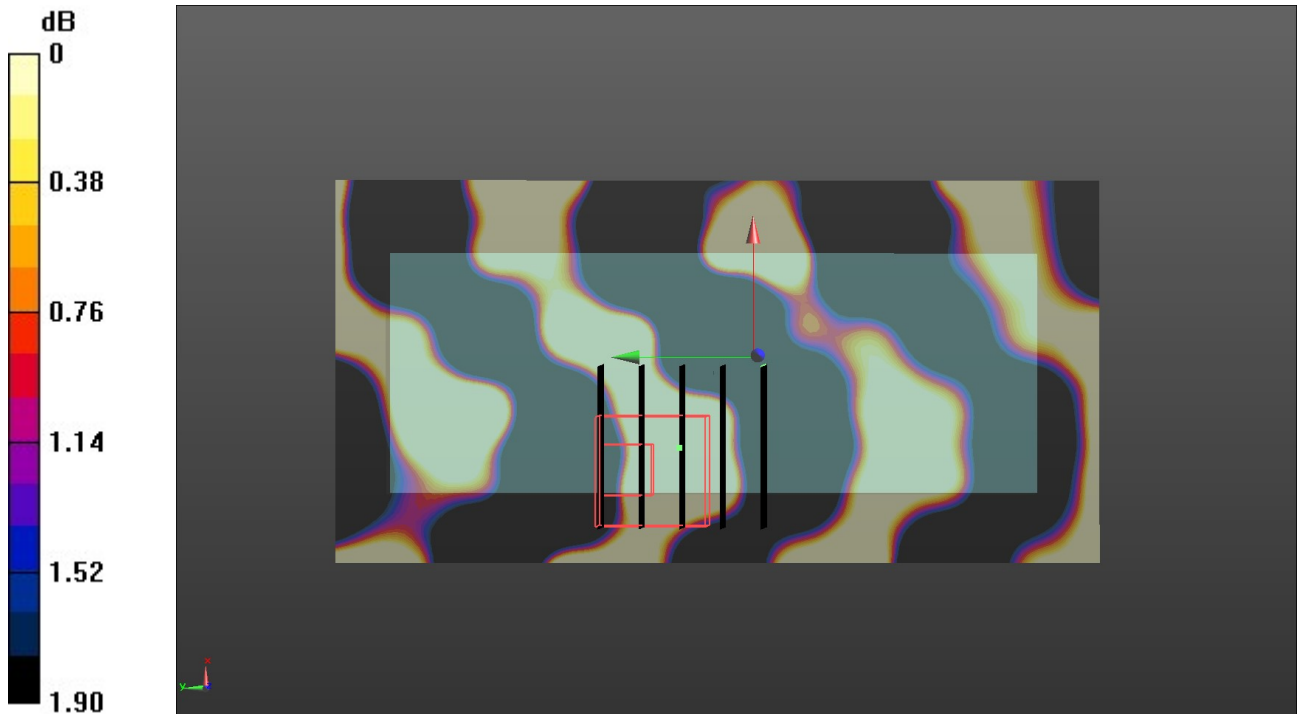
Front of face/CH 132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.247 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.00336 W/kg

SAR(1 g) = 0.00204 W/kg; SAR(10 g) = 0.00147 W/kg

Maximum value of SAR (measured) = 0.00252 W/kg



0 dB = 0.00252 W/kg = -25.99 dBW/kg

LTE Cat NB Band 2-M-Head

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.335 \text{ S/m}$; $\epsilon_r = 38.401$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.4°C ; Liquid Temperature: 22.2°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.64, 8.64, 8.64) @ 1880 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 18900/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.00968 W/kg

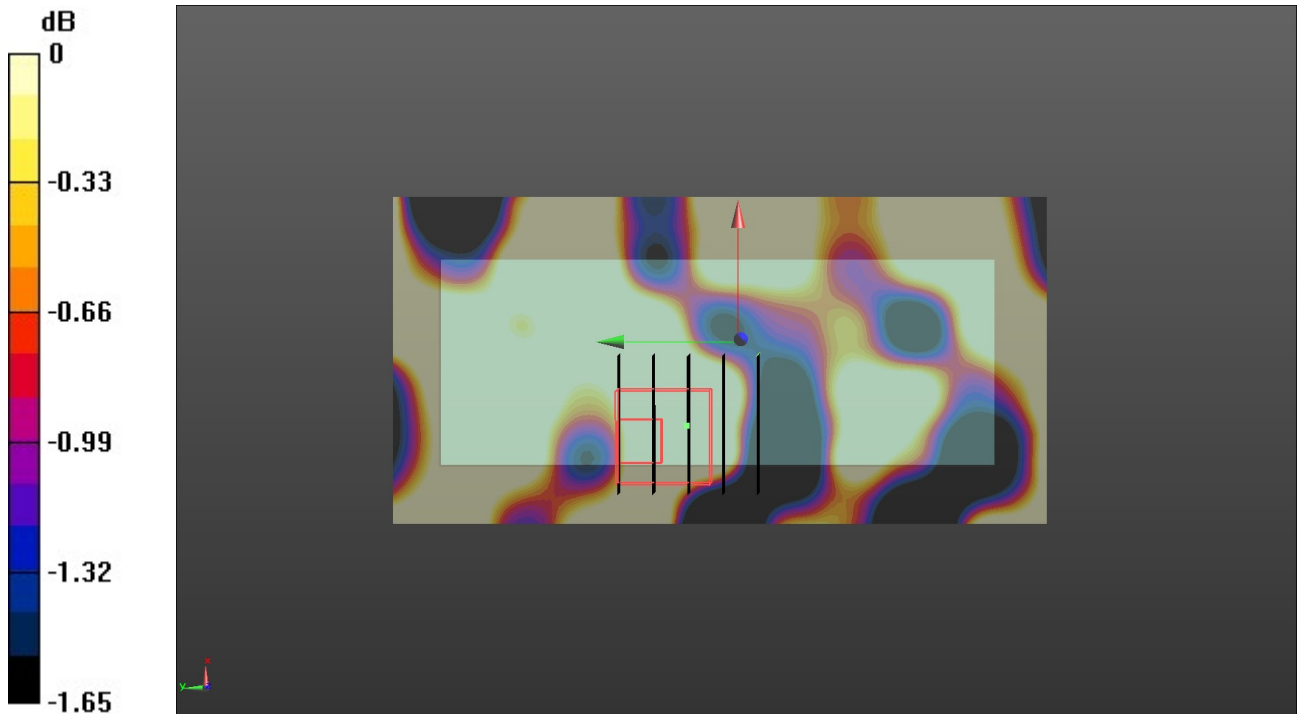
Front of face/CH 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.506 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.00639 W/kg

SAR(1 g) = 0.00292 W/kg ; SAR(10 g) = 0.00173 W/kg

Maximum value of SAR (measured) = 0.00512 W/kg



0 dB = $0.00512 \text{ W/kg} = -22.91 \text{ dBW/kg}$

LTE Cat NB Band 4-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 38.581$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.5°C; Liquid Temperature: 22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.99, 8.99, 8.99) @ 1732.5 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 20175/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00927 W/kg

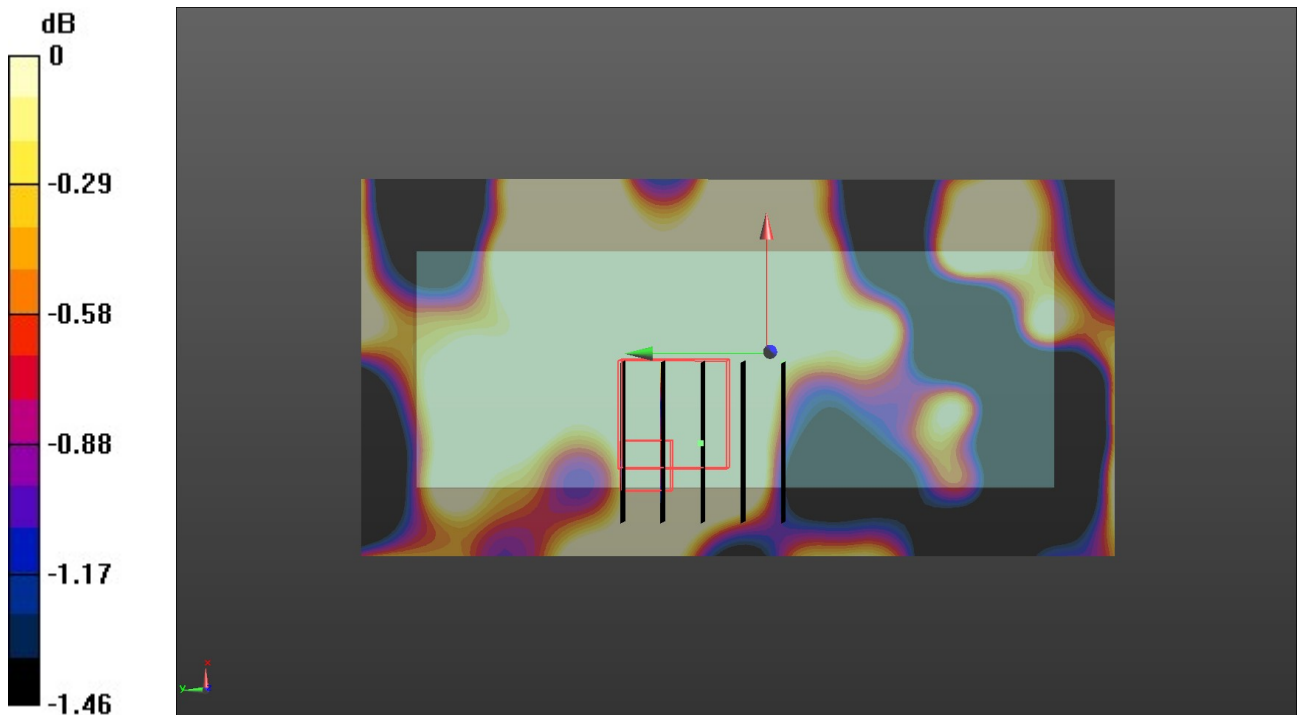
Front of face/CH 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.119 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.00694 W/kg

SAR(1 g) = 0.00338 W/kg; SAR(10 g) = 0.0022 W/kg

Maximum value of SAR (measured) = 0.00556 W/kg



0 dB = 0.00556 W/kg = -22.55 dBW/kg

LTE Cat NB Band 12-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 40.498$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.8°C; Liquid Temperature: 22.6°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.8, 10.8, 10.8) @ 707.5 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 23095/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.00388 W/kg

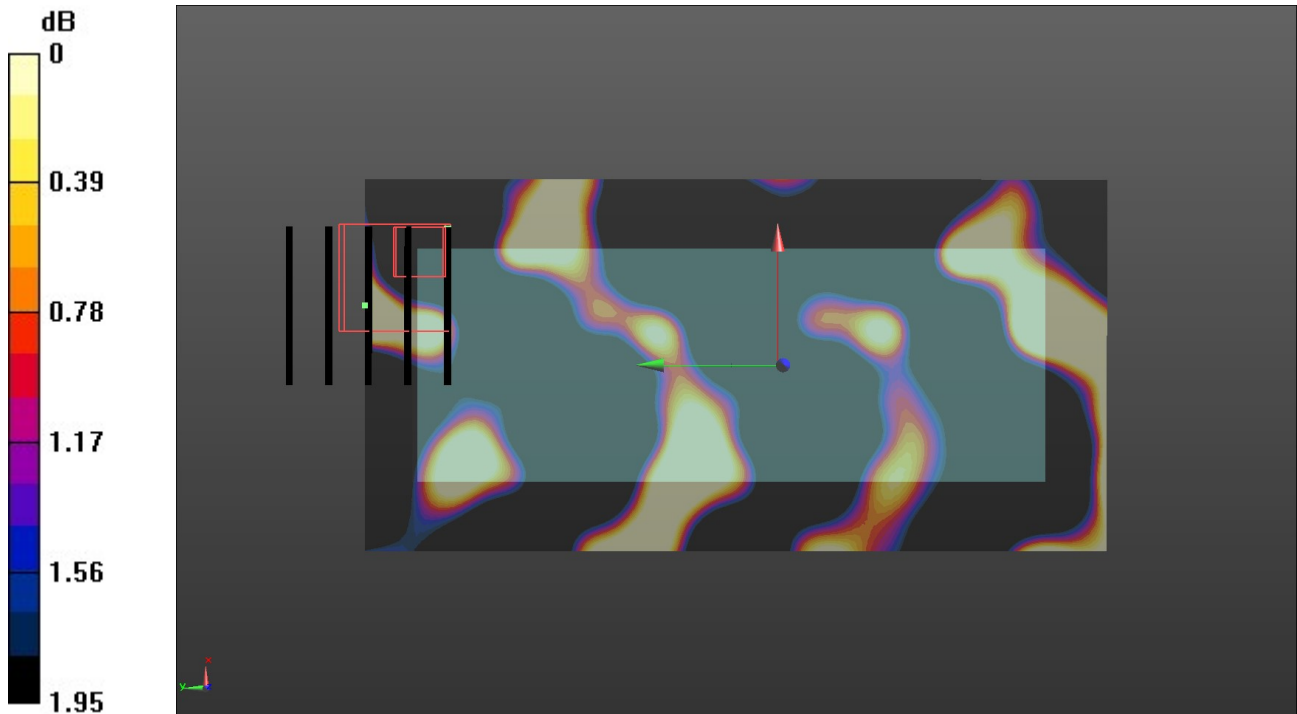
Front of face/CH 23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.228 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.00179 W/kg

SAR(1 g) = 0.000988 W/kg; SAR(10 g) = 0.000761 W/kg

Maximum value of SAR (measured) = 0.00154 W/kg



0 dB = 0.00154 W/kg = -28.12 dBW/kg

LTE Cat NB Band 13-M-Head

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 40.206$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.4°C; Liquid Temperature: 22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.8, 10.8, 10.8) @ 782 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 23230/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.00426 W/kg

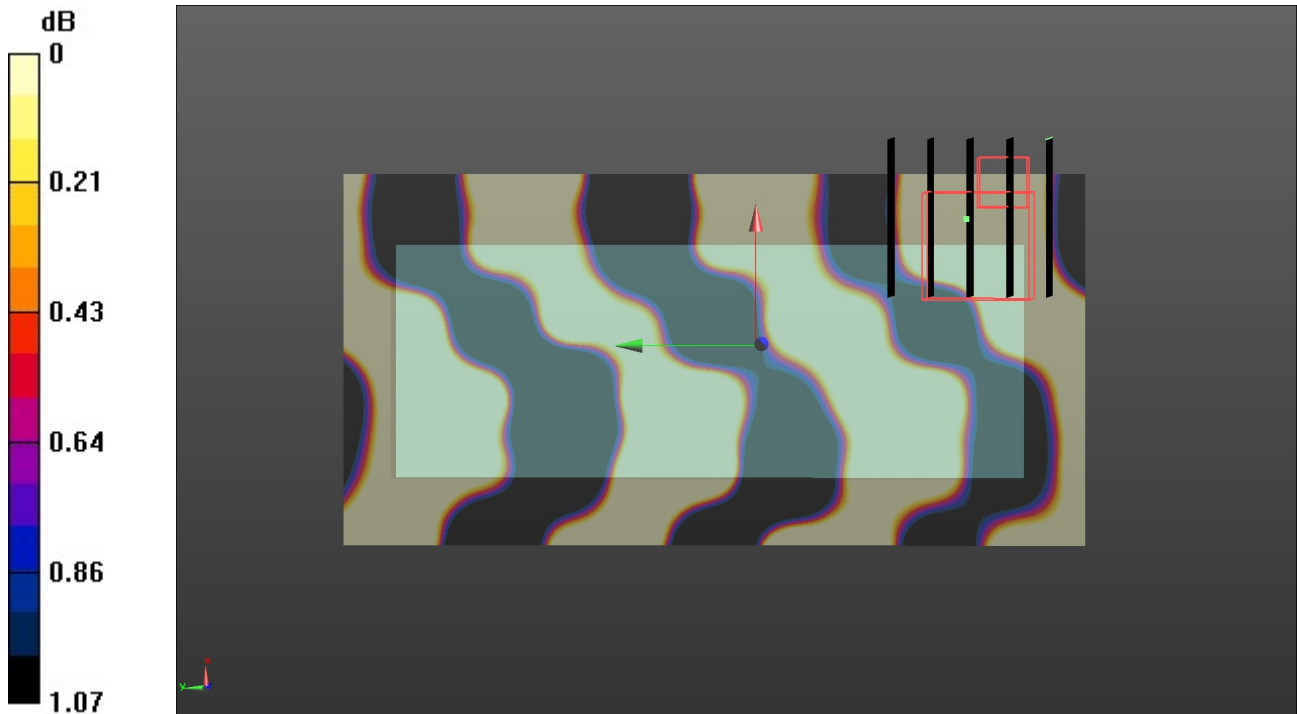
Front of face/CH 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.8200 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.00233 W/kg

SAR(1 g) = 0.000851 W/kg; SAR(10 g) = 0.000503 W/kg

Maximum value of SAR (measured) = 0.00135 W/kg



0 dB = 0.00135 W/kg = -28.70 dBW/kg

LTE Cat NB Band 66-M-Head

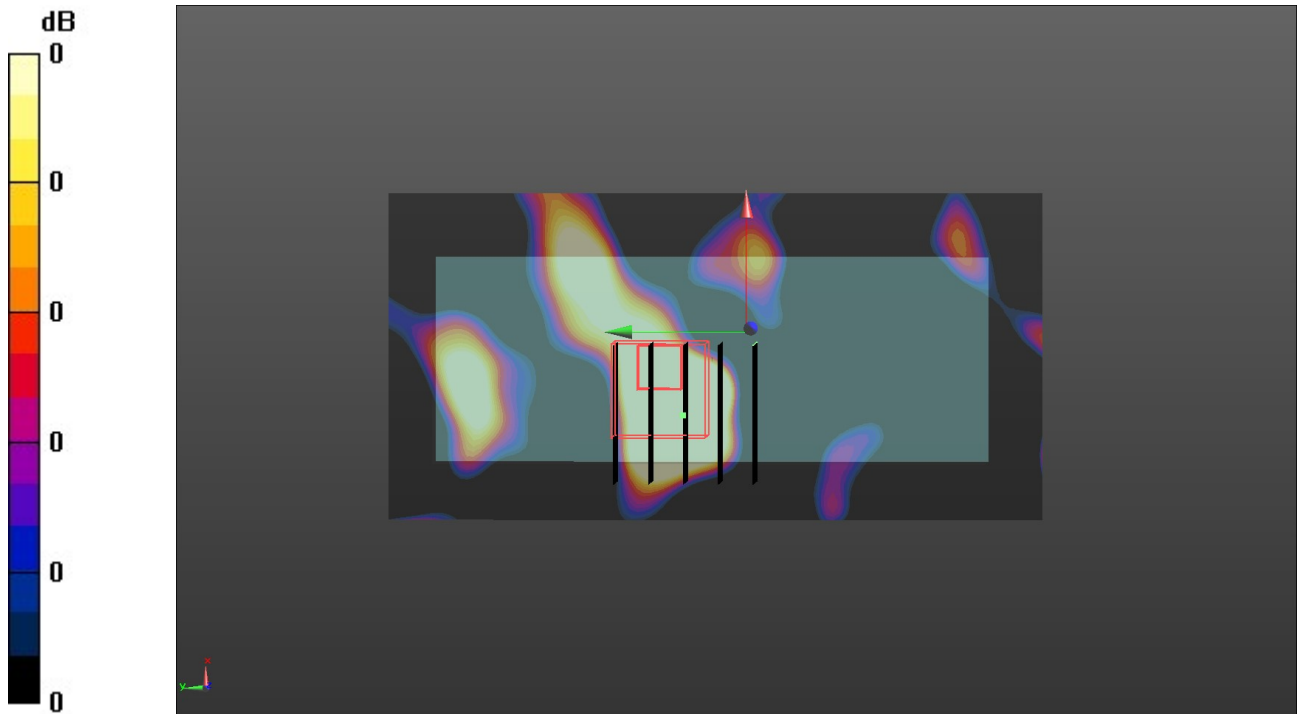
Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 38.574$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section
 Ambient Temperature: 22.6°C ; Liquid Temperature: 22.4°C ;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.99, 8.99, 8.99) @ 1745 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Front of face/CH 132322/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.00990 W/kg

Front of face/CH 132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 1.938 V/m ; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 0.00819 W/kg
SAR(1 g) = 0.00321 W/kg ; SAR(10 g) = 0.00195 W/kg
 Maximum value of SAR (measured) = 0.00526 W/kg



0 dB = $0.00526 \text{ W/kg} = -22.79 \text{ dBW/kg}$

LTE Cat M Band 2-M-Extremity

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 38.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.6°C; Liquid Temperature: 22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.64, 8.64, 8.64) @ 1880 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 18900/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.154 W/kg

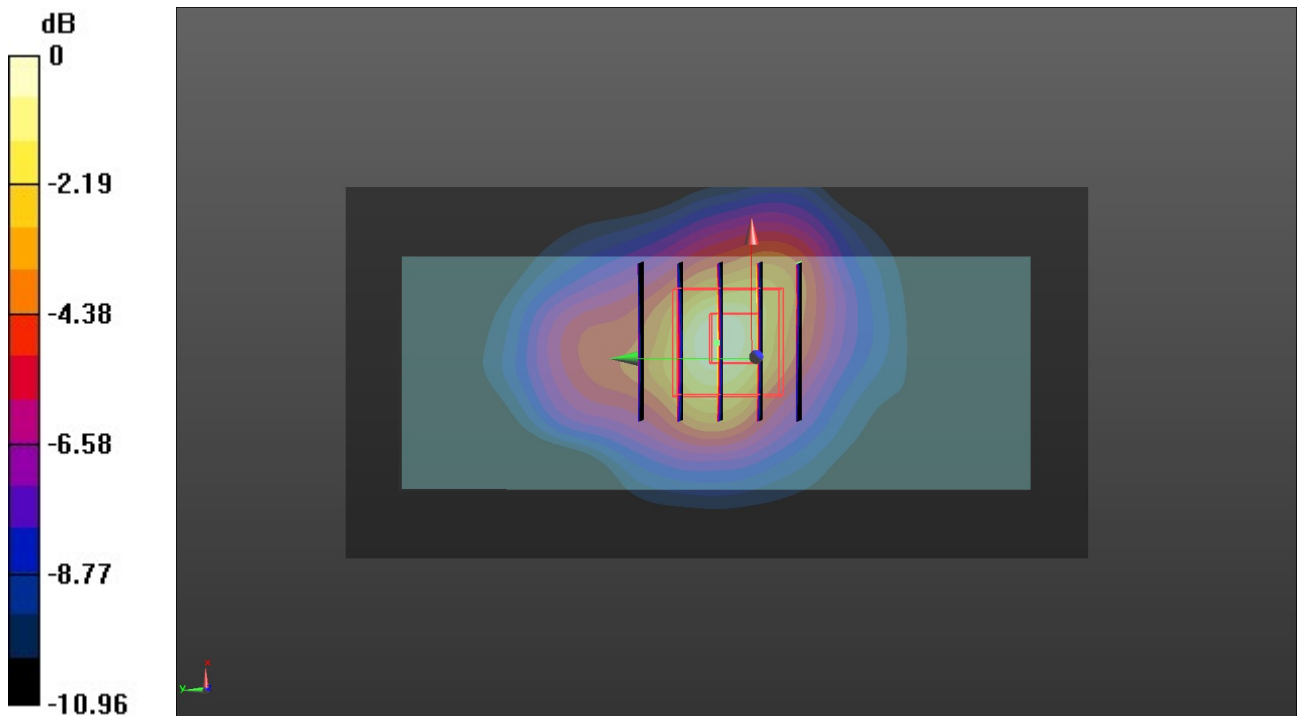
Rear/CH 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.51 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

LTE Cat M Band 4-M-Extremity

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 38.581$; $\rho = 1000$ kg/m³

Phantom section: Flat Section
 Ambient Temperature: 22.5°C; Liquid Temperature: 22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.99, 8.99, 8.99) @ 1732.5 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 20175/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.104 W/kg

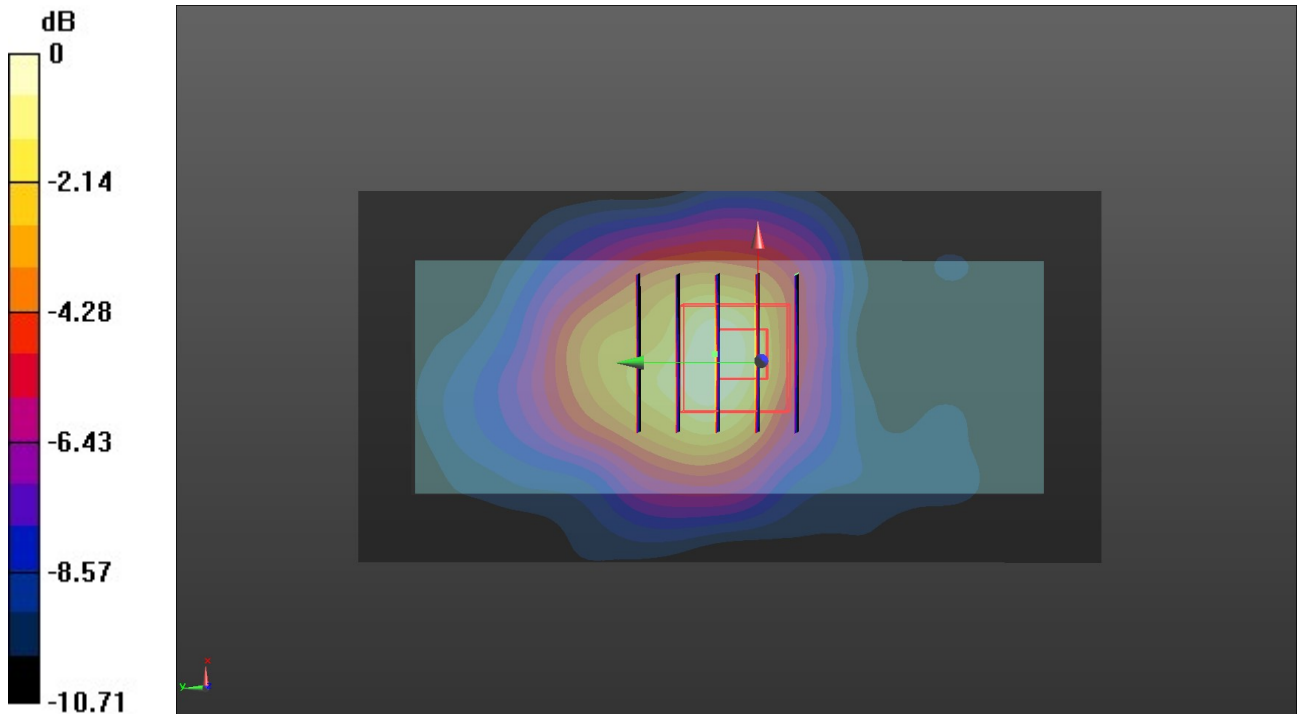
Rear/CH 20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.753 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.0979 W/kg



0 dB = 0.0979 W/kg = -10.09 dBW/kg

LTE Cat M Band 12-M-Extremity

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 40.498$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Ambient Temperature: 22.5°C; Liquid Temperature: 22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.8, 10.8, 10.8) @ 707.5 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 23095/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.102 W/kg

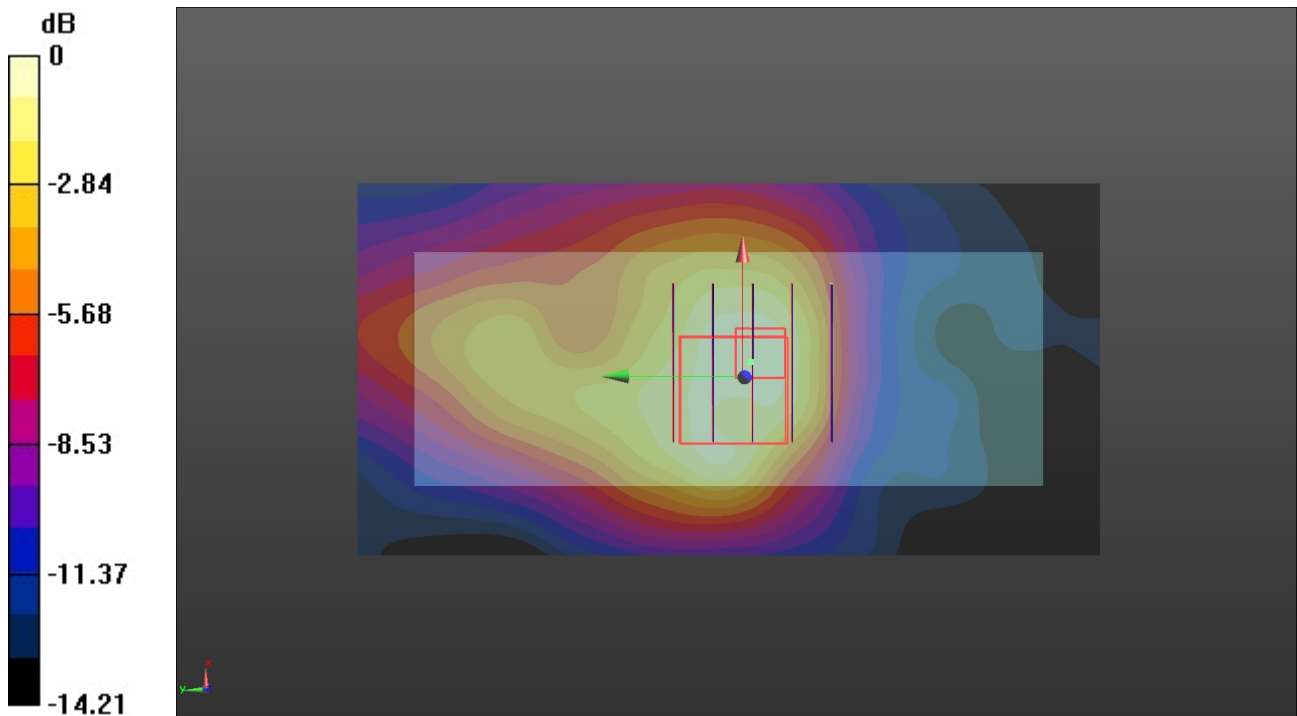
Rear/CH 23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.61 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.104 W/kg



0 dB = 0.104 W/kg = -9.83 dBW/kg

LTE Cat M Band 13-M-Extremity

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 40.206$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient Temperature: 22.6°C; Liquid Temperature: 22.4°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.8, 10.8, 10.8) @ 782 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 23230/Area Scan (51x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0625 W/kg

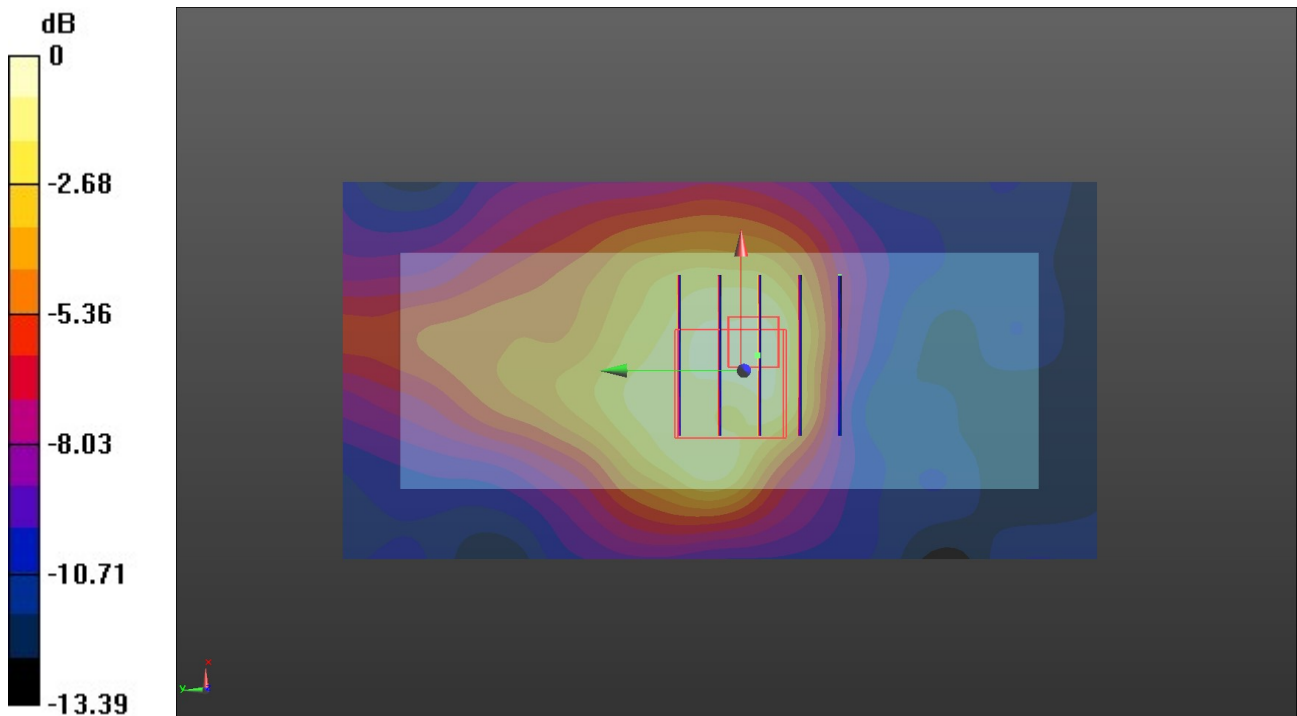
Rear/CH 23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.243 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0668 W/kg



0 dB = 0.0668 W/kg = -11.75 dBW/kg

LTE Cat M Band 66-M-Extremity

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.314$ S/m; $\epsilon_r = 38.574$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.3°C; Liquid Temperature: 22.1°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.99, 8.99, 8.99) @ 1745 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 132322/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0925 W/kg

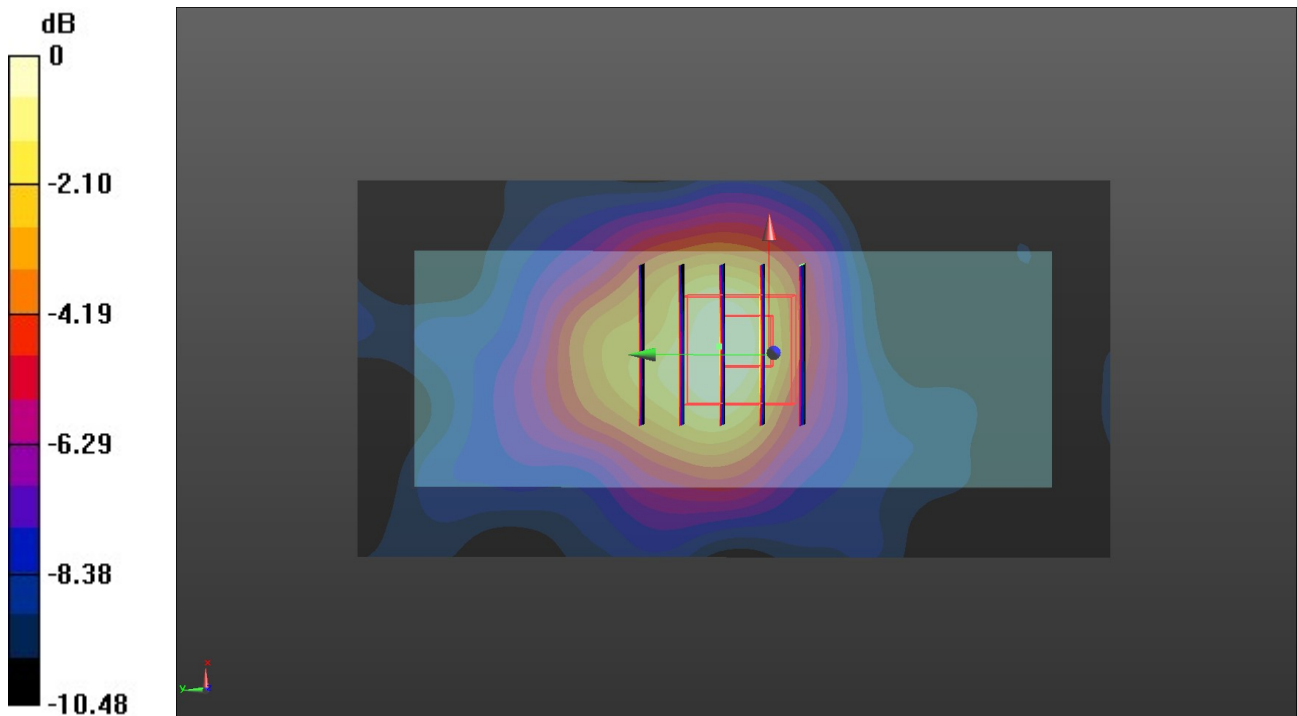
Rear/CH 132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.340 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0828 W/kg



0 dB = 0.0828 W/kg = -10.82 dBW/kg

LTE Cat NB Band 2-M-Extremity

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 38.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient Temperature: 22.2°C; Liquid Temperature: 22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.64, 8.64, 8.64) @ 1880 MHz; Calibrated: 4/17/2023
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 3/27/2023
- Phantom: ELI V8.0 ; Type: QD OVA 004 AA ; Serial: 2078
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Rear/CH 18900/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.554 W/kg

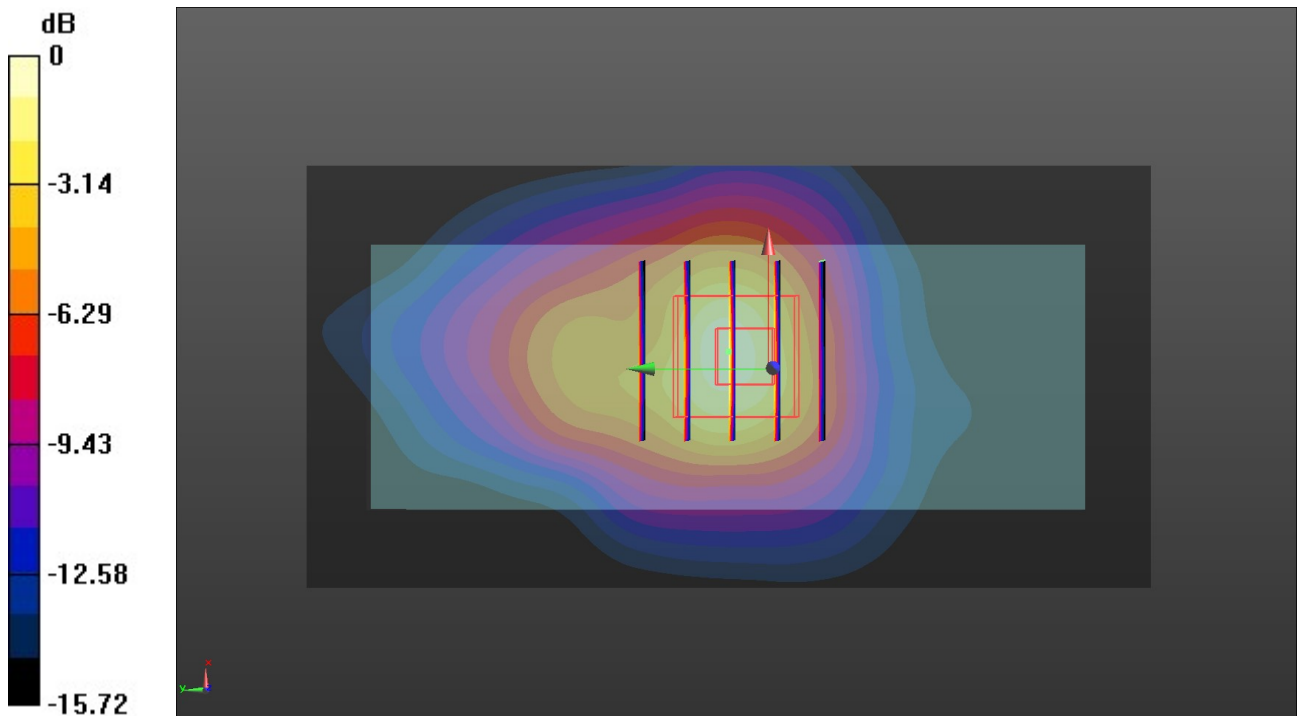
Rear/CH 18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.85 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



0 dB = 0.599 W/kg = -2.23 dBW/kg