ANNEX I Variant Product Test

I.1 Dielectric Performance and System Validation

Table I.1-1: Dielectric Performance of Head Tissue Simulating Liquid

Measurement Date (yyyy-mm-dd)	Type	Frequency	Permittivity ε	Drift (%)	Conductivity σ (S/m)	Drift (%)
2022/11/11	Head	835 MHz	42.75	3.01	0.874	-2.89
2022/11/14	Head	1750 MHz	41.60	3.79	1.374	0.29
2022/11/15	Head	1900 MHz	40.95	2.38	1.461	4.36
2022/11/11	Head	1900 MHz	39.76	-0.60	1.419	1.36
2022/11/10	Head	2450 MHz	39.82	1.58	1.880	4.44
2022/11/12	Head	2600 MHz	39.85	2.15	2.023	3.21
2022/11/7	Head	2600 MHz	39.69	1.74	2.016	2.86
2022/11/8	Head	3500 MHz	38.21	0.74	2.847	-2.16
2022/11/10	Head	5250 MHz	35.11	-2.28	4.689	-0.45
2022/11/10	Head	5600 MHz	34.49	-2.93	5.072	0.04
2022/11/10	Head	5750 MHz	34.21	-3.25	5.229	0.17

Table I.1-2: System Validation of Head

Measurement Date (yyyy-mm-dd)	Frequency	Target value (W/kg)		Measured value(W/kg)		Deviation	
		10 g Average	1 g Average	10 g Average	1 g Average	10 g Average	1 g Average
2022/11/11	835 MHz	6.34	9.73	6.36	9.68	0.32%	-0.51%
2022/11/14	1750 MHz	19.30	36.80	19.56	36.44	1.35%	-0.98%
2022/11/15	1900 MHz	20.70	39.70	20.92	40.00	1.06%	0.76%
2022/11/11	1900 MHz	20.70	39.70	20.88	40.00	0.87%	0.76%
2022/11/10	2450 MHz	24.90	52.70	24.68	52.80	-0.88%	0.19%
2022/11/12	2600 MHz	25.20	55.80	24.68	54.40	-2.06%	-2.51%
2022/11/7	2600 MHz	25.20	55.80	25.08	56.00	-0.48%	0.36%
2022/11/8	3500 MHz	25.30	67.50	25.00	65.40	-1.19%	-3.11%
2022/11/10	5250 MHz	23.10	80.90	22.20	77.60	-3.90%	-4.08%
2022/11/10	5600 MHz	23.90	84.40	23.30	81.70	-2.51%	-3.20%
2022/11/10	5750 MHz	22.80	81.20	21.50	77.60	-5.70%	-4.43%

I.2 New frequency band

I.2.1 Conducted power of selected case

WCDMA1900(ANT0 DSI 8)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	22.75	22.73	22.97	24.20
HSUPA	1	21.32	21.35	21.49	23.30
	2	19.36	19.34	19.42	21.30
	3	20.38	20.36	20.44	22.30
	4	19.31	19.37	19.41	21.30
	5	20.95	20.91	20.92	22.90
DC-HSDPA	1	21.56	21.54	21.57	23.30
	2	21.57	21.60	21.50	23.30
	3	21.24	21.20	21.27	22.80
	4	21.32	21.32	21.19	22.80

WCDMA1900(ANT0 DSI 13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	19.19	19.18	19.32	20.70
HSUPA	1	17.87	17.94	17.99	19.80
	2	15.82	15.89	15.90	17.80
	3	16.86	16.88	16.94	18.80
	4	15.84	15.83	15.94	17.80
	5	17.43	17.41	17.51	19.40
DC-HSDPA	1	18.15	18.11	18.28	19.80
	2	17.99	18.05	18.02	19.80
	3	17.58	17.59	17.39	19.30
	4	17.48	17.44	17.51	19.30

WCDMA1900(ANT0 DSI 3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	21.28	21.37	21.40	22.70
HSUPA	1	19.81	19.89	19.94	21.80
	2	17.86	17.81	17.84	19.80
	3	18.89	18.97	18.85	20.80
	4	17.84	18.82	17.97	19.80
	5	19.49	19.58	19.62	21.40
DC-HSDPA	1	19.87	19.89	19.90	21.80
	2	19.96	20.02	19.82	21.80
	3	19.50	19.48	19.52	21.30
	4	19.48	19.54	19.59	21.30

WCDMA1900(ANT2 DSI 8)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	16.86	16.90	17.12	17.70
HSUPA	1	15.02	15.02	15.08	16.80
	2	12.89	12.98	13.14	14.80
	3	14.00	13.99	14.14	15.80
	4	12.89	12.97	12.97	14.80
	5	14.91	15.02	15.10	16.40
DC-HSDPA	1	14.96	15.06	15.23	16.80
	2	14.89	14.95	15.01	16.80
	3	14.32	14.44	14.56	16.30
	4	14.40	14.51	14.55	16.30

WCDMA1900(ANT2 DSI 13)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	16.34	16.32	16.46	17.20
HSUPA	1	14.40	14.47	14.60	16.30
	2	12.44	12.46	12.41	14.30
	3	13.23	13.32	13.65	15.30
	4	12.34	12.44	12.56	14.30
	5	14.41	14.52	14.70	15.90
DC-HSDPA	1	14.34	14.45	14.62	16.30
	2	14.38	14.40	14.67	16.30
	3	13.78	13.92	14.11	15.80
	4	13.82	13.86	14.16	15.80

WCDMA1900(ANT2 DSI 3)

Item	band	FDDII result			
	ARFCN	9538 (1907.6MHz)	9400 (1880MHz)	9262 (1852.4MHz)	Tune up
WCDMA	\	21.80	21.89	22.02	22.70
HSUPA	1	19.93	19.95	20.03	21.80
	2	18.00	17.98	18.17	19.80
	3	18.74	18.91	19.10	20.80
	4	17.98	18.04	18.20	19.80
	5	19.95	19.98	20.12	21.40
DC-HSDPA	1	19.87	20.02	20.10	21.80
	2	19.80	19.98	20.12	21.80
	3	19.28	19.42	19.53	21.30
	4	19.35	19.43	19.55	21.30

Maximum Target Power for Production Unit

Antenna							Main antenna ANT0		
LTE Band							LTE B2		
EUT State							DSI 3		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	20.5	23.0	0
QPSK			≤ 8	≤ 12	≤ 16	≤ 18	20.5	23.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	20.5	23.0	1
16 QAM	1	1	1	1	1	1	20.5	23.0	1
16 QAM	≤5	≤4	≤8	≤12	≤16	≤18	20.5	23.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	19.5	22.0	2
64 QAM	1	1	1	1	1	1	19.5	22.0	2
64 QAM	≤5	≤4	≤8	≤12	≤16	≤18	19.5	22.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.5	21.0	3

Antenna							Main antenna ANT0		
LTE Band							LTE B2		
EUT State							DSI 8		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	21.5	24.0	0
QPSK	≤5	≤4	≤8	≤12	≤16	≤18	21.5	24.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	20.5	23.0	1
16 QAM	1	1	1	1	1	1	20.5	23.0	1
16 QAM	≤5	≤4	≤8	≤12	≤16	≤18	20.5	23.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	19.5	22.0	2
64 QAM	1	1	1	1	1	1	19.5	22.0	2
64 QAM	≤5	≤4	≤8	≤12	≤16	≤18	19.5	22.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.5	21.0	3

Antenna							Main antenna ANT0		
LTE Band							LTE B2		
EUT State							DSI 13		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	18.5	21.0	0
QPSK	≤5	≤4	≤8	≤12	≤16	≤18	18.5	21.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	18.5	21.0	1
16 QAM	1	1	1	1	1	1	18.5	21.0	1
16 QAM	≤5	≤4	≤8	≤12	≤16	≤18	18.5	21.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	18.5	21.0	2
64 QAM	1	1	1	1	1	1	18.5	21.0	2
64 QAM	≤5	≤4	≤8	≤12	≤16	≤18	18.5	21.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.5	21.0	3

Antenna							Div antenna ANT2		
LTE Band							LTE B2		
EUT State							DSI 3		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	20.0	22.5	0
QPSK			≤ 8	≤ 12	≤ 16	≤ 18	20.0	22.5	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	20.0	22.5	1
16 QAM	1	1	1	1	1	1	20.0	22.5	1
16 QAM	≤5	≤4	≤8	≤12	≤16	≤18	20.0	22.5	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	19.0	21.5	2
64 QAM	1	1	1	1	1	1	19.0	21.5	2
64 QAM	≤5	≤4	≤8	≤12	≤16	≤18	19.0	21.5	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.0	20.5	3

Antenna							Div antenna ANT2		
LTE Band							LTE B2		
EUT State							DSI 8		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	15.5	18.0	0
QPSK	≤5	≤4	≤8	≤12	≤16	≤18	15.5	18.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	15.5	18.0	1
16 QAM	1	1	1	1	1	1	15.5	18.0	1
16 QAM	≤5	≤4	≤8	≤12	≤16	≤18	15.5	18.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	15.5	18.0	2
64 QAM	1	1	1	1	1	1	15.5	18.0	2
64 QAM	≤5	≤4	≤8	≤12	≤16	≤18	15.5	18.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	15.5	18.0	3

Antenna							Div antenna ANT2		
LTE Band							LTE B2		
EUT State							DSI 13		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	15.0	17.5	0
QPSK	≤5	≤4	≤8	≤12	≤16	≤18	15.0	17.5	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	15.0	17.5	1
16 QAM	1	1	1	1	1	1	15.0	17.5	1
16 QAM	≤5	≤4	≤8	≤12	≤16	≤18	15.0	17.5	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	15.0	17.5	2
64 QAM	1	1	1	1	1	1	15.0	17.5	2
64 QAM	≤5	≤4	≤8	≤12	≤16	≤18	15.0	17.5	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	15.0	17.5	3

Antenna							Main antenna ANT0		
LTE Band							LTE B4		
EUT State							DSI 3		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	20.5	23.0	0
QPSK	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	20.5	23.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	20.5	23.0	1
16 QAM	1	1	1	1	1	1	20.5	23.0	1
16 QAM	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	20.5	23.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	19.5	22.0	2
64 QAM	1	1	1	1	1	1	19.5	22.0	2
64 QAM	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	19.5	22.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.5	21.0	3

Antenna							Main antenna ANT0		
LTE Band							LTE B4		
EUT State							DSI 8		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	21.5	24.0	0
QPSK	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	21.5	24.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	20.5	23.0	1
16 QAM	1	1	1	1	1	1	20.5	23.0	1
16 QAM	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	20.5	23.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	19.5	22.0	2
64 QAM	1	1	1	1	1	1	19.5	22.0	2
64 QAM	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	19.5	22.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.5	21.0	3

Antenna							Main antenna		
LTE Band							LTE B4		
EUT State							DSI 13		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	18.5	21.0	0
QPSK	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	18.5	21.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	18.5	21.0	1
16 QAM	1	1	1	1	1	1	18.5	21.0	1
16 QAM	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	18.5	21.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	18.5	21.0	2
64 QAM	1	1	1	1	1	1	18.5	21.0	2
64 QAM	⩽ 5	⩽ 4	≤ 8	≤ 12	⩽ 16	≤ 18	18.5	21.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.5	21.0	3

Antenna							Div antenna ANT2		
LTE Band							LTE B4		
EUT State							DSI 3		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	19.5	22.0	0
QPSK	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	19.5	22.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	19.5	22.0	1
16 QAM	1	1	1	1	1	1	19.5	22.0	1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	19.5	22.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	19.0	21.5	2
64 QAM	1	1	1	1	1	1	19.0	21.5	2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	19.0	21.5	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	18.0	20.5	3

Antenna							Div antenna ANT2		
LTE Band							LTE B4		
EUT State							DSI 8		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	15.5	18.0	0
QPSK	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	15.5	18.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	15.5	18.0	1
16 QAM	1	1	1	1	1	1	15.5	18.0	1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	15.5	18.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	15.5	18.0	2
64 QAM	1	1	1	1	1	1	15.5	18.0	2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	15.5	18.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	15.5	18.0	3

Antenna							Div antenna ANT2		
LTE Band							LTE B4		
EUT State							DSI 13		
Modulation							TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Min (dBm)	Max (dBm)	MPR (dB)
QPSK	1	1	1	1	1	1	14.5	17.0	0
QPSK	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	14.5	17.0	0
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	14.5	17.0	1
16 QAM	1	1	1	1	1	1	14.5	17.0	1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	14.5	17.0	1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	14.5	17.0	2
64 QAM	1	1	1	1	1	1	14.5	17.0	2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	14.5	17.0	2
64 QAM	> 8	> 12	> 8	> 12	> 16	> 18	14.5	17.0	3

Antenna					Main antenna ANT1		
LTE Band					LTE B5		
EUT State					DSI3/8/13		
Modulation					TUNE-UP		
	1.4 MHz	3 MHz	5 MHz	10 MHz	Min(dBm)	Max(dBm)	MPR(dB)
QPSK	1	1	1	1	22.8	25.3	0
QPSK	≤ 5	≤ 4	≤ 8	≤ 12	22.8	25.3	0
QPSK	> 5	> 4	> 8	> 12	21.8	24.3	1
16 QAM	1	1	1	1	21.8	24.3	1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	21.8	24.3	1
16 QAM	> 5	> 4	> 8	> 12	20.8	23.3	2
64 QAM	1	1	1	1	20.8	23.3	2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	20.8	23.3	2
64 QAM	> 5	> 4	> 8	> 12	19.8	22.3	3

LTE B2(ANT0 DSI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	21.33	21.69	21.67
		1880 (18900)	21.44	21.76	21.88
		1850.7 (18607)	21.54	21.72	21.89
	1RB-Middle (3)	1909.3 (19193)	21.73	21.72	21.61
		1880 (18900)	21.70	21.79	21.88
		1850.7 (18607)	21.73	21.77	21.69
	1RB-Low (0)	1909.3 (19193)	21.41	21.74	21.72
		1880 (18900)	21.45	21.79	21.90
		1850.7 (18607)	21.59	21.83	21.78
	3RB-High (3)	1909.3 (19193)	21.41	21.50	21.51
		1880 (18900)	21.41	21.41	21.56
		1850.7 (18607)	21.53	21.48	21.65
	3RB-Middle (1)	1909.3 (19193)	21.57	21.56	21.26
		1880 (18900)	21.54	21.67	21.72
		1850.7 (18607)	21.70	21.57	21.66
	3RB-Low (0)	1909.3 (19193)	21.43	21.58	21.66
		1880 (18900)	21.49	21.58	21.54
		1850.7 (18607)	21.63	21.58	21.69
	6RB (0)	1909.3 (19193)	21.43	20.48	20.54
		1880 (18900)	21.56	20.52	20.46
		1850.7 (18607)	21.62	20.72	20.55
3MHz	1RB-High (14)	1908.5 (19185)	21.64	21.67	21.72
		1880 (18900)	21.46	21.88	21.78
		1851.5 (18615)	21.67	21.80	21.81
	1RB-Middle (7)	1908.5 (19185)	21.40	21.78	21.60
		1880 (18900)	21.41	21.85	21.49
		1851.5 (18615)	21.47	21.83	21.84
	1RB-Low (0)	1908.5 (19185)	21.56	21.96	21.83
		1880 (18900)	21.65	21.86	21.81
		1851.5 (18615)	21.64	21.82	21.74
	8RB-High (7)	1908.5 (19185)	21.49	20.55	20.52
		1880 (18900)	21.59	20.63	20.51
		1851.5 (18615)	21.68	20.64	20.63
	8RB-Middle (4)	1908.5 (19185)	21.52	20.63	20.59
		1880 (18900)	21.56	20.62	20.59
		1851.5 (18615)	21.65	20.72	20.66
	8RB-Low (0)	1908.5 (19185)	21.61	20.66	20.62
		1880 (18900)	21.67	20.73	20.68
		1851.5 (18615)	21.74	20.72	20.79
	15RB (0)	1908.5 (19185)	21.57	20.54	20.48
		1880 (18900)	21.57	20.51	20.58
		1851.5 (18615)	21.65	20.67	20.57

5MHz	1RB-High (24)	1907.5 (19175)	21.50	21.92	21.68
		1880 (18900)	21.42	21.81	21.74
		1852.5 (18625)	21.56	21.75	21.73
	1RB-Middle (12)	1907.5 (19175)	21.39	21.93	21.45
		1880 (18900)	21.44	21.92	21.31
		1852.5 (18625)	21.52	21.82	21.32
	1RB-Low (0)	1907.5 (19175)	21.54	21.86	21.80
		1880 (18900)	21.68	21.75	21.88
		1852.5 (18625)	21.67	21.97	21.81
	12RB-High (13)	1907.5 (19175)	21.45	20.51	20.60
		1880 (18900)	21.57	20.37	20.47
		1852.5 (18625)	21.58	20.64	20.70
	12RB-Middle (6)	1907.5 (19175)	21.59	20.67	20.55
		1880 (18900)	21.71	20.74	20.53
		1852.5 (18625)	21.68	20.72	20.72
	12RB-Low (0)	1907.5 (19175)	21.56	20.60	20.61
		1880 (18900)	21.63	20.69	20.67
		1852.5 (18625)	21.66	20.65	20.69
	25RB (0)	1907.5 (19175)	21.56	20.57	20.50
		1880 (18900)	21.65	20.61	20.60
		1852.5 (18625)	21.72	20.74	20.69

10MHz	1RB-High (49)	1905 (19150)	21.46	21.91	21.72
		1880 (18900)	21.52	21.82	21.77
		1855 (18650)	21.59	21.81	21.57
	1RB-Middle (24)	1905 (19150)	21.51	21.77	21.79
		1880 (18900)	21.47	21.85	21.90
		1855 (18650)	21.71	21.83	21.80
	1RB-Low (0)	1905 (19150)	21.47	21.96	21.74
		1880 (18900)	21.67	21.82	21.67
		1855 (18650)	21.73	21.95	21.78
	25RB-High (25)	1905 (19150)	21.53	20.64	20.55
		1880 (18900)	21.64	20.64	20.65
		1855 (18650)	21.68	20.58	20.72
	25RB-Middle (12)	1905 (19150)	21.63	20.57	20.57
		1880 (18900)	21.60	20.61	20.75
		1855 (18650)	21.69	20.74	20.83
	25RB-Low (0)	1905 (19150)	21.57	20.64	20.65
		1880 (18900)	21.63	20.61	20.61
		1855 (18650)	21.64	20.79	20.78
	50RB (0)	1905 (19150)	21.50	20.58	20.62
		1880 (18900)	21.68	20.63	20.66
		1855 (18650)	21.68	20.72	20.61

15MHz	1RB-High (74)	1902.5 (19125)	21.31	21.68	21.59
		1880 (18900)	21.40	21.64	21.40
		1857.5 (18675)	21.43	21.58	21.70
	1RB-Middle (37)	1902.5 (19125)	21.40	21.59	21.58
		1880 (18900)	21.41	21.63	21.52
		1857.5 (18675)	21.40	21.61	21.51
	1RB-Low (0)	1902.5 (19125)	21.40	21.62	21.56
		1880 (18900)	21.53	21.63	21.51
		1857.5 (18675)	21.60	21.73	21.54
	36RB-High (38)	1902.5 (19125)	21.51	20.49	20.44
		1880 (18900)	21.50	20.54	20.52
		1857.5 (18675)	21.58	20.51	20.52
	36RB-Middle (19)	1902.5 (19125)	21.51	20.52	20.59
		1880 (18900)	21.52	20.52	20.55
		1857.5 (18675)	21.58	20.49	20.61
	36RB-Low (0)	1902.5 (19125)	21.51	20.46	20.47
		1880 (18900)	21.59	20.42	20.43
		1857.5 (18675)	21.52	20.65	20.56
	75RB (0)	1902.5 (19125)	21.51	20.44	20.54
		1880 (18900)	21.54	20.59	20.58
		1857.5 (18675)	21.56	20.60	20.53
20MHz	1RB-High (99)	1900 (19100)	21.37	21.78	20.70
		1880 (18900)	21.48	21.73	20.68
		1860 (18700)	21.55	21.68	20.93
	1RB-Middle (50)	1900 (19100)	21.41	21.78	20.57
		1880 (18900)	21.52	21.67	20.75
		1860 (18700)	21.35	21.80	21.01
	1RB-Low (0)	1900 (19100)	21.46	21.74	20.77
		1880 (18900)	21.39	21.70	20.61
		1860 (18700)	21.51	21.79	20.74
	50RB-High (50)	1900 (19100)	21.50	20.57	19.59
		1880 (18900)	21.65	20.58	19.61
		1860 (18700)	21.62	20.58	19.60
	50RB-Middle (25)	1900 (19100)	21.46	20.54	19.61
		1880 (18900)	21.62	20.58	19.67
		1860 (18700)	21.68	20.56	19.74
	50RB-Low (0)	1900 (19100)	21.54	20.51	19.58
		1880 (18900)	21.57	20.65	19.63
		1860 (18700)	21.67	20.69	19.65
	100RB (0)	1900 (19100)	21.60	20.44	19.62
		1880 (18900)	21.64	20.59	19.58
		1860 (18700)	21.68	20.64	19.62

LTE B2(ANT0 DSI8)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	22.31	21.64	21.52
		1880 (18900)	22.39	21.61	21.63
		1850.7 (18607)	22.47	21.75	21.68
	1RB-Middle (3)	1909.3 (19193)	22.68	21.63	21.57
		1880 (18900)	22.71	21.68	21.69
		1850.7 (18607)	22.81	21.71	21.44
	1RB-Low (0)	1909.3 (19193)	22.34	21.68	21.73
		1880 (18900)	22.41	21.72	21.71
		1850.7 (18607)	22.59	21.69	21.57
	3RB-High (3)	1909.3 (19193)	22.44	21.38	21.52
		1880 (18900)	22.45	21.41	21.49
		1850.7 (18607)	22.42	21.49	21.49
	3RB-Middle (1)	1909.3 (19193)	22.46	21.56	21.46
		1880 (18900)	22.47	21.75	21.57
		1850.7 (18607)	22.48	21.63	21.67
	3RB-Low (0)	1909.3 (19193)	22.41	21.42	21.48
		1880 (18900)	22.42	21.55	21.58
		1850.7 (18607)	22.49	21.57	21.62
	6RB (0)	1909.3 (19193)	21.45	20.41	20.37
		1880 (18900)	21.46	20.45	20.53
		1850.7 (18607)	21.51	20.67	20.73
3MHz	1RB-High (14)	1908.5 (19185)	22.46	21.75	21.63
		1880 (18900)	22.37	21.67	21.89
		1851.5 (18615)	22.56	21.75	21.80
	1RB-Middle (7)	1908.5 (19185)	22.35	21.97	21.35
		1880 (18900)	22.39	21.63	21.37
		1851.5 (18615)	22.40	21.98	21.37
	1RB-Low (0)	1908.5 (19185)	22.58	21.84	21.67
		1880 (18900)	22.57	21.71	21.79
		1851.5 (18615)	22.66	21.86	21.91
	8RB-High (7)	1908.5 (19185)	21.41	20.51	20.47
		1880 (18900)	21.52	20.61	20.64
		1851.5 (18615)	21.54	20.53	20.64
	8RB-Middle (4)	1908.5 (19185)	21.54	20.68	20.59
		1880 (18900)	21.64	20.62	20.60
		1851.5 (18615)	21.71	20.70	20.61
	8RB-Low (0)	1908.5 (19185)	21.58	20.64	20.72
		1880 (18900)	21.62	20.64	20.73
		1851.5 (18615)	21.70	20.81	20.76
	15RB (0)	1908.5 (19185)	21.54	20.54	20.48
		1880 (18900)	21.53	20.62	20.53
		1851.5 (18615)	21.61	20.69	20.58

5MHz	1RB-High (24)	1907.5 (19175)	22.50	21.66	21.67
		1880 (18900)	22.51	21.67	21.67
		1852.5 (18625)	22.44	21.76	21.74
	1RB-Middle (12)	1907.5 (19175)	22.44	21.96	21.42
		1880 (18900)	22.42	21.73	21.38
		1852.5 (18625)	22.40	22.08	21.52
	1RB-Low (0)	1907.5 (19175)	22.50	21.77	21.73
		1880 (18900)	22.57	21.78	21.80
		1852.5 (18625)	22.60	21.88	21.82
	12RB-High (13)	1907.5 (19175)	21.50	20.51	20.52
		1880 (18900)	21.52	20.53	20.45
		1852.5 (18625)	21.52	20.51	20.47
	12RB-Middle (6)	1907.5 (19175)	21.53	20.60	20.52
		1880 (18900)	21.56	20.61	20.61
		1852.5 (18625)	21.62	20.70	20.59
	12RB-Low (0)	1907.5 (19175)	21.52	20.63	20.64
		1880 (18900)	21.59	20.67	20.54
		1852.5 (18625)	21.62	20.55	20.66
	25RB (0)	1907.5 (19175)	21.53	20.54	20.59
		1880 (18900)	21.51	20.56	20.50
		1852.5 (18625)	21.66	20.62	20.56

10MHz	1RB-High (49)	1905 (19150)	22.40	21.86	21.64
		1880 (18900)	22.44	21.78	21.51
		1855 (18650)	22.42	21.79	21.38
	1RB-Middle (24)	1905 (19150)	22.45	21.80	21.80
		1880 (18900)	22.47	21.72	21.87
		1855 (18650)	22.49	21.81	21.66
	1RB-Low (0)	1905 (19150)	22.54	21.91	21.60
		1880 (18900)	22.66	21.74	21.61
		1855 (18650)	22.59	22.03	21.67
	25RB-High (25)	1905 (19150)	21.58	20.50	20.54
		1880 (18900)	21.53	20.48	20.61
		1855 (18650)	21.62	20.66	20.57
	25RB-Middle (12)	1905 (19150)	21.57	20.53	20.56
		1880 (18900)	21.68	20.61	20.63
		1855 (18650)	21.66	20.62	20.72
	25RB-Low (0)	1905 (19150)	21.52	20.51	20.52
		1880 (18900)	21.55	20.48	20.56
		1855 (18650)	21.62	20.67	20.66
	50RB (0)	1905 (19150)	21.46	20.46	20.49
		1880 (18900)	21.56	20.60	20.64
		1855 (18650)	21.65	20.69	20.51

15MHz	1RB-High (74)	1902.5 (19125)	22.38	21.58	21.52
		1880 (18900)	22.31	21.60	21.49
		1857.5 (18675)	22.35	21.72	21.53
	1RB-Middle (37)	1902.5 (19125)	22.37	21.64	21.42
		1880 (18900)	22.33	21.66	21.51
		1857.5 (18675)	22.33	21.65	21.55
	1RB-Low (0)	1902.5 (19125)	22.31	21.70	21.47
		1880 (18900)	22.39	21.62	21.51
		1857.5 (18675)	22.44	21.71	21.68
	36RB-High (38)	1902.5 (19125)	21.46	20.38	20.42
		1880 (18900)	21.44	20.49	20.41
		1857.5 (18675)	21.54	20.48	20.48
	36RB-Middle (19)	1902.5 (19125)	21.47	20.41	20.44
		1880 (18900)	21.45	20.51	20.42
		1857.5 (18675)	21.58	20.50	20.49
	36RB-Low (0)	1902.5 (19125)	21.47	20.34	20.46
		1880 (18900)	21.48	20.31	20.41
		1857.5 (18675)	21.51	20.56	20.42
	75RB (0)	1902.5 (19125)	21.44	20.43	20.46
		1880 (18900)	21.44	20.48	20.49
		1857.5 (18675)	21.55	20.50	20.51
20MHz	1RB-High (99)	1900 (19100)	22.35	21.65	21.55
		1880 (18900)	22.36	21.62	21.49
		1860 (18700)	22.32	21.60	21.54
	1RB-Middle (50)	1900 (19100)	22.32	21.71	21.46
		1880 (18900)	22.36	21.69	21.56
		1860 (18700)	22.35	21.67	21.60
	1RB-Low (0)	1900 (19100)	22.36	21.71	21.45
		1880 (18900)	22.39	21.59	21.45
		1860 (18700)	22.38	21.81	21.58
	50RB-High (50)	1900 (19100)	21.50	20.57	20.50
		1880 (18900)	21.47	20.51	20.49
		1860 (18700)	21.46	20.44	20.56
	50RB-Middle (25)	1900 (19100)	21.40	20.43	20.46
		1880 (18900)	21.55	20.52	20.53
		1860 (18700)	21.48	20.52	20.53
	50RB-Low (0)	1900 (19100)	21.51	20.49	20.44
		1880 (18900)	21.40	20.47	20.50
		1860 (18700)	21.57	20.57	20.57
	100RB (0)	1900 (19100)	21.39	20.43	20.38
		1880 (18900)	21.39	20.42	20.49
		1860 (18700)	21.52	20.51	20.55

LTE B2(ANT0 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	19.49	19.22	19.25
		1880 (18900)	19.40	19.40	19.22
		1850.7 (18607)	19.31	19.44	19.34
	1RB-Middle (3)	1909.3 (19193)	19.48	19.21	19.21
		1880 (18900)	19.71	19.45	19.33
		1850.7 (18607)	19.74	19.56	19.39
	1RB-Low (0)	1909.3 (19193)	19.34	19.34	19.22
		1880 (18900)	19.50	19.52	19.43
		1850.7 (18607)	19.41	19.56	19.38
	3RB-High (3)	1909.3 (19193)	19.50	19.43	19.37
		1880 (18900)	19.39	19.27	19.21
		1850.7 (18607)	19.32	19.33	19.23
	3RB-Middle (1)	1909.3 (19193)	19.20	19.24	19.47
		1880 (18900)	19.29	19.39	19.45
		1850.7 (18607)	19.42	19.48	19.19
	3RB-Low (0)	1909.3 (19193)	19.26	19.25	19.36
		1880 (18900)	19.37	19.44	19.31
		1850.7 (18607)	19.37	19.38	19.26
	6RB (0)	1909.3 (19193)	19.24	19.39	19.30
		1880 (18900)	19.39	19.37	19.36
		1850.7 (18607)	19.50	19.24	19.34
3MHz	1RB-High (14)	1908.5 (19185)	19.39	19.28	19.36
		1880 (18900)	19.42	19.53	19.35
		1851.5 (18615)	19.33	19.48	19.40
	1RB-Middle (7)	1908.5 (19185)	19.31	19.52	19.18
		1880 (18900)	19.35	19.51	19.34
		1851.5 (18615)	19.26	19.50	19.41
	1RB-Low (0)	1908.5 (19185)	19.38	19.48	19.25
		1880 (18900)	19.55	19.57	19.41
		1851.5 (18615)	19.48	19.57	19.45
	8RB-High (7)	1908.5 (19185)	19.35	19.18	19.48
		1880 (18900)	19.51	19.21	19.20
		1851.5 (18615)	19.39	19.33	19.25
	8RB-Middle (4)	1908.5 (19185)	19.38	19.23	19.16
		1880 (18900)	19.56	19.47	19.35
		1851.5 (18615)	19.49	19.43	19.29
	8RB-Low (0)	1908.5 (19185)	19.47	19.34	19.24
		1880 (18900)	19.58	19.48	19.35
		1851.5 (18615)	19.54	19.49	19.40
	15RB (0)	1908.5 (19185)	19.31	19.18	19.44
		1880 (18900)	19.55	19.33	19.32
		1851.5 (18615)	19.47	19.38	19.48

5MHz	1RB-High (24)	1907.5 (19175)	19.37	19.18	19.16
		1880 (18900)	19.46	19.58	19.35
		1852.5 (18625)	19.28	19.48	19.22
	1RB-Middle (12)	1907.5 (19175)	19.23	19.23	19.16
		1880 (18900)	19.35	19.34	19.29
		1852.5 (18625)	19.29	19.51	19.21
	1RB-Low (0)	1907.5 (19175)	19.54	19.58	19.47
		1880 (18900)	19.42	19.57	19.47
		1852.5 (18625)	19.47	19.53	19.50
	12RB-High (13)	1907.5 (19175)	19.25	19.19	19.30
		1880 (18900)	19.43	19.28	19.26
		1852.5 (18625)	19.34	19.35	19.42
	12RB-Middle (6)	1907.5 (19175)	19.45	19.28	19.47
		1880 (18900)	19.55	19.44	19.29
		1852.5 (18625)	19.51	19.41	19.26
	12RB-Low (0)	1907.5 (19175)	19.40	19.25	19.42
		1880 (18900)	19.57	19.25	19.19
		1852.5 (18625)	19.48	19.47	19.25
	25RB (0)	1907.5 (19175)	19.33	19.21	19.42
		1880 (18900)	19.59	19.36	19.24
		1852.5 (18625)	19.52	19.32	19.25

10MHz	1RB-High (49)	1905 (19150)	19.24	19.35	19.54
		1880 (18900)	19.46	19.42	19.58
		1855 (18650)	19.20	19.23	19.30
	1RB-Middle (24)	1905 (19150)	19.46	19.57	19.33
		1880 (18900)	19.43	19.44	19.30
		1855 (18650)	19.33	19.37	19.44
	1RB-Low (0)	1905 (19150)	19.50	19.46	19.34
		1880 (18900)	19.46	19.54	19.51
		1855 (18650)	19.56	19.69	19.36
	25RB-High (25)	1905 (19150)	19.42	19.24	19.49
		1880 (18900)	19.51	19.42	19.29
		1855 (18650)	19.29	19.48	19.41
	25RB-Middle (12)	1905 (19150)	19.49	19.34	19.27
		1880 (18900)	19.61	19.50	19.30
		1855 (18650)	19.38	19.29	19.50
	25RB-Low (0)	1905 (19150)	19.47	19.42	19.23
		1880 (18900)	19.62	19.44	19.32
		1855 (18650)	19.45	19.25	19.29
	50RB (0)	1905 (19150)	19.49	19.40	19.20
		1880 (18900)	19.56	19.46	19.35
		1855 (18650)	19.43	19.22	19.19

15MHz	1RB-High (74)	1902.5 (19125)	19.49	19.26	19.36
		1880 (18900)	19.40	19.46	19.22
		1857.5 (18675)	19.48	19.46	19.37
	1RB-Middle (37)	1902.5 (19125)	19.39	19.45	19.19
		1880 (18900)	19.32	19.41	19.45
		1857.5 (18675)	19.38	19.47	19.34
	1RB-Low (0)	1902.5 (19125)	19.40	19.45	19.46
		1880 (18900)	19.18	19.20	19.19
		1857.5 (18675)	19.36	19.52	19.34
	36RB-High (38)	1902.5 (19125)	19.34	19.47	19.33
		1880 (18900)	19.47	19.23	19.22
		1857.5 (18675)	19.27	19.46	19.31
	36RB-Middle (19)	1902.5 (19125)	19.35	19.48	19.40
		1880 (18900)	19.49	19.34	19.16
		1857.5 (18675)	19.25	19.44	19.27
	36RB-Low (0)	1902.5 (19125)	19.38	19.25	19.41
		1880 (18900)	19.39	19.29	19.36
		1857.5 (18675)	19.36	19.47	19.30
	75RB (0)	1902.5 (19125)	19.36	19.18	19.27
		1880 (18900)	19.50	19.24	19.44
		1857.5 (18675)	19.37	19.47	19.32

20MHz	1RB-High (99)	1900 (19100)	19.26	19.54	19.45
		1880 (18900)	19.35	19.59	19.30
		1860 (18700)	19.34	19.55	19.31
	1RB-Middle (50)	1900 (19100)	19.29	19.51	19.49
		1880 (18900)	19.32	19.57	19.30
		1860 (18700)	19.28	19.62	19.41
	1RB-Low (0)	1900 (19100)	19.38	19.48	19.45
		1880 (18900)	19.30	19.55	19.35
		1860 (18700)	19.45	19.67	19.46
	50RB-High (50)	1900 (19100)	19.44	19.46	19.37
		1880 (18900)	19.45	19.47	19.38
		1860 (18700)	19.48	19.37	19.44
	50RB-Middle (25)	1900 (19100)	19.39	19.41	19.41
		1880 (18900)	19.49	19.43	19.47
		1860 (18700)	19.49	19.55	19.55
	50RB-Low (0)	1900 (19100)	19.48	19.31	19.40
		1880 (18900)	19.40	19.42	19.49
		1860 (18700)	19.56	19.60	19.52
	100RB (0)	1900 (19100)	19.47	19.49	19.41
		1880 (18900)	19.47	19.48	19.50
		1860 (18700)	19.51	19.45	19.46

LTE B2(ANT2 DSI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	20.99	21.37	20.49
		1880 (18900)	21.30	21.54	20.51
		1850.7 (18607)	21.40	21.59	20.48
	1RB-Middle (3)	1909.3 (19193)	21.47	21.46	20.27
		1880 (18900)	21.59	21.61	20.54
		1850.7 (18607)	21.56	21.74	20.59
	1RB-Low (0)	1909.3 (19193)	21.12	21.41	20.42
		1880 (18900)	21.33	21.56	20.52
		1850.7 (18607)	21.42	21.62	20.60
	3RB-High (3)	1909.3 (19193)	21.13	21.17	20.12
		1880 (18900)	21.20	21.28	20.43
		1850.7 (18607)	21.24	21.37	20.36
	3RB-Middle (1)	1909.3 (19193)	21.34	20.93	20.31
		1880 (18900)	21.37	21.53	20.21
		1850.7 (18607)	21.34	21.37	20.44
	3RB-Low (0)	1909.3 (19193)	21.18	21.29	20.23
		1880 (18900)	21.24	21.36	20.41
		1850.7 (18607)	21.34	21.45	20.54
	6RB (0)	1909.3 (19193)	21.09	20.18	19.23
		1880 (18900)	21.22	20.34	19.37
		1850.7 (18607)	21.35	20.39	19.35
3MHz	1RB-High (14)	1908.5 (19185)	21.08	21.42	20.26
		1880 (18900)	21.34	21.52	20.46
		1851.5 (18615)	21.33	21.68	20.61
	1RB-Middle (7)	1908.5 (19185)	21.11	21.73	19.95
		1880 (18900)	21.24	21.51	20.41
		1851.5 (18615)	21.26	21.39	20.44
	1RB-Low (0)	1908.5 (19185)	21.27	21.51	20.48
		1880 (18900)	21.52	21.73	20.75
		1851.5 (18615)	21.45	21.63	20.69
	8RB-High (7)	1908.5 (19185)	21.22	20.28	19.26
		1880 (18900)	21.27	20.53	19.45
		1851.5 (18615)	21.41	20.44	19.46
	8RB-Middle (4)	1908.5 (19185)	21.27	20.39	19.23
		1880 (18900)	21.46	20.49	19.51
		1851.5 (18615)	21.53	20.52	19.49
	8RB-Low (0)	1908.5 (19185)	21.28	20.44	19.29
		1880 (18900)	21.44	20.52	19.50
		1851.5 (18615)	21.47	20.57	19.63
	15RB (0)	1908.5 (19185)	21.29	20.25	19.28
		1880 (18900)	21.42	20.47	19.35
		1851.5 (18615)	21.40	20.55	19.43

5MHz	1RB-High (24)	1907.5 (19175)	21.07	21.39	20.21
		1880 (18900)	21.44	21.57	20.59
		1852.5 (18625)	21.23	21.71	20.61
	1RB-Middle (12)	1907.5 (19175)	21.16	21.40	20.30
		1880 (18900)	21.17	21.67	20.43
		1852.5 (18625)	21.31	21.69	20.27
	1RB-Low (0)	1907.5 (19175)	21.23	21.56	20.54
		1880 (18900)	21.40	21.66	20.63
		1852.5 (18625)	21.43	21.67	20.69
	12RB-High (13)	1907.5 (19175)	21.23	20.18	19.20
		1880 (18900)	21.32	20.22	19.29
		1852.5 (18625)	21.30	20.38	19.27
	12RB-Middle (6)	1907.5 (19175)	21.29	20.32	19.26
		1880 (18900)	21.43	20.44	19.30
		1852.5 (18625)	21.46	20.58	19.55
	12RB-Low (0)	1907.5 (19175)	21.27	20.33	19.30
		1880 (18900)	21.42	20.54	19.42
		1852.5 (18625)	21.47	20.48	19.57
	25RB (0)	1907.5 (19175)	21.26	20.34	19.24
		1880 (18900)	21.46	20.39	19.37
		1852.5 (18625)	21.51	20.52	19.42

10MHz	1RB-High (49)	1905 (19150)	21.21	21.69	20.18
		1880 (18900)	21.30	21.51	20.47
		1855 (18650)	21.33	21.64	20.20
	1RB-Middle (24)	1905 (19150)	21.43	21.67	20.49
		1880 (18900)	21.38	21.54	20.56
		1855 (18650)	21.15	21.70	20.53
	1RB-Low (0)	1905 (19150)	21.34	21.60	20.22
		1880 (18900)	21.38	21.62	20.42
		1855 (18650)	21.47	21.62	20.52
	25RB-High (25)	1905 (19150)	21.23	20.28	19.35
		1880 (18900)	21.42	20.46	19.39
		1855 (18650)	20.93	20.47	19.46
	25RB-Middle (12)	1905 (19150)	21.29	20.32	19.33
		1880 (18900)	21.51	20.48	19.51
		1855 (18650)	20.86	20.61	19.56
	25RB-Low (0)	1905 (19150)	21.23	20.34	19.31
		1880 (18900)	21.38	20.55	19.49
		1855 (18650)	21.21	20.41	19.51
	50RB (0)	1905 (19150)	21.22	20.26	19.26
		1880 (18900)	21.49	20.45	19.50
		1855 (18650)	21.19	20.49	19.36

15MHz	1RB-High (74)	1902.5 (19125)	21.04	21.44	20.14
		1880 (18900)	21.23	21.62	20.28
		1857.5 (18675)	21.21	21.58	20.46
	1RB-Middle (37)	1902.5 (19125)	21.12	21.38	20.22
		1880 (18900)	21.12	21.54	20.43
		1857.5 (18675)	21.24	21.49	20.35
	1RB-Low (0)	1902.5 (19125)	21.13	21.34	20.15
		1880 (18900)	21.24	21.59	20.35
		1857.5 (18675)	21.35	21.51	20.44
	36RB-High (38)	1902.5 (19125)	21.26	20.18	19.25
		1880 (18900)	21.33	20.36	19.28
		1857.5 (18675)	21.34	20.38	19.41
	36RB-Middle (19)	1902.5 (19125)	21.22	20.21	19.20
		1880 (18900)	21.36	20.36	19.39
		1857.5 (18675)	21.41	20.46	19.38
	36RB-Low (0)	1902.5 (19125)	21.33	20.26	19.12
		1880 (18900)	21.37	20.34	19.38
		1857.5 (18675)	21.43	20.51	19.45
	75RB (0)	1902.5 (19125)	21.26	20.27	19.19
		1880 (18900)	21.43	20.36	19.32
		1857.5 (18675)	21.38	20.30	19.39
20MHz	1RB-High (99)	1900 (19100)	21.04	21.40	20.49
		1880 (18900)	21.22	21.50	20.71
		1860 (18700)	21.18	21.63	20.59
	1RB-Middle (50)	1900 (19100)	21.13	21.35	20.46
		1880 (18900)	21.20	21.54	20.48
		1860 (18700)	21.20	21.67	20.77
	1RB-Low (0)	1900 (19100)	21.15	21.44	20.38
		1880 (18900)	21.29	21.33	20.26
		1860 (18700)	21.28	21.56	20.76
	50RB-High (50)	1900 (19100)	21.22	20.17	19.20
		1880 (18900)	21.39	20.34	19.33
		1860 (18700)	21.37	20.43	19.34
	50RB-Middle (25)	1900 (19100)	21.26	20.26	19.26
		1880 (18900)	21.35	20.33	19.43
		1860 (18700)	21.52	20.37	19.46
	50RB-Low (0)	1900 (19100)	21.28	20.24	19.34
		1880 (18900)	21.42	20.42	19.40
		1860 (18700)	21.41	20.32	19.47
	100RB (0)	1900 (19100)	21.27	20.21	19.28
		1880 (18900)	21.29	20.37	19.38
		1860 (18700)	21.48	20.36	19.43

LTE B2(ANT2 DSI8)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	16.53	16.75	16.83
		1880 (18900)	16.75	16.90	16.82
		1850.7 (18607)	16.82	17.11	17.28
	1RB-Middle (3)	1909.3 (19193)	16.88	16.81	16.84
		1880 (18900)	17.15	16.97	17.08
		1850.7 (18607)	17.12	17.09	16.93
	1RB-Low (0)	1909.3 (19193)	16.71	16.92	16.96
		1880 (18900)	16.83	16.91	17.26
		1850.7 (18607)	16.97	17.03	16.97
	3RB-High (3)	1909.3 (19193)	16.65	16.63	16.71
		1880 (18900)	16.78	16.89	16.90
		1850.7 (18607)	16.79	16.90	16.91
	3RB-Middle (1)	1909.3 (19193)	16.63	16.60	16.70
		1880 (18900)	16.80	16.62	16.95
		1850.7 (18607)	16.75	17.10	16.98
	3RB-Low (0)	1909.3 (19193)	16.64	16.73	16.76
		1880 (18900)	16.83	16.90	16.96
		1850.7 (18607)	16.82	16.94	17.01
	6RB (0)	1909.3 (19193)	16.60	16.77	16.72
		1880 (18900)	16.75	16.87	17.02
		1850.7 (18607)	16.85	16.80	16.94
3MHz	1RB-High (14)	1908.5 (19185)	16.66	16.92	16.88
		1880 (18900)	16.75	17.03	17.09
		1851.5 (18615)	16.78	17.15	17.08
	1RB-Middle (7)	1908.5 (19185)	16.59	17.03	16.52
		1880 (18900)	16.70	17.00	16.87
		1851.5 (18615)	16.80	17.24	17.13
	1RB-Low (0)	1908.5 (19185)	16.80	17.04	16.99
		1880 (18900)	16.81	17.24	17.23
		1851.5 (18615)	17.00	17.24	17.30
	8RB-High (7)	1908.5 (19185)	16.60	16.74	16.73
		1880 (18900)	16.79	16.90	16.86
		1851.5 (18615)	16.92	16.95	16.95
	8RB-Middle (4)	1908.5 (19185)	16.78	16.88	16.77
		1880 (18900)	16.94	16.92	16.94
		1851.5 (18615)	17.05	17.07	16.82
	8RB-Low (0)	1908.5 (19185)	16.83	16.91	16.81
		1880 (18900)	16.98	16.99	17.05
		1851.5 (18615)	16.99	17.05	17.04
	15RB (0)	1908.5 (19185)	16.82	16.84	16.73
		1880 (18900)	16.84	16.91	16.83
		1851.5 (18615)	17.02	17.00	16.90

5MHz	1RB-High (24)	1907.5 (19175)	16.68	17.02	16.87
		1880 (18900)	16.89	17.09	17.10
		1852.5 (18625)	16.85	17.21	17.09
	1RB-Middle (12)	1907.5 (19175)	16.58	16.98	16.56
		1880 (18900)	16.77	17.25	16.56
		1852.5 (18625)	16.88	17.21	16.94
	1RB-Low (0)	1907.5 (19175)	16.67	17.05	16.95
		1880 (18900)	16.89	17.19	17.11
		1852.5 (18625)	17.02	17.24	17.20
	12RB-High (13)	1907.5 (19175)	16.69	16.74	16.72
		1880 (18900)	16.85	16.89	16.89
		1852.5 (18625)	16.85	16.96	16.82
	12RB-Middle (6)	1907.5 (19175)	16.76	16.84	16.79
		1880 (18900)	16.92	16.94	16.81
		1852.5 (18625)	17.01	17.01	16.96
	12RB-Low (0)	1907.5 (19175)	16.83	16.90	16.80
		1880 (18900)	17.00	16.95	17.03
		1852.5 (18625)	17.04	17.05	16.92
	25RB (0)	1907.5 (19175)	16.76	16.72	16.70
		1880 (18900)	16.92	16.97	16.80
		1852.5 (18625)	16.99	17.03	17.00

10MHz	1RB-High (49)	1905 (19150)	16.73	16.86	16.88
		1880 (18900)	16.87	17.00	16.79
		1855 (18650)	16.86	17.08	17.04
	1RB-Middle (24)	1905 (19150)	16.70	16.86	16.99
		1880 (18900)	16.89	17.11	17.07
		1855 (18650)	16.89	17.13	17.14
	1RB-Low (0)	1905 (19150)	16.73	16.93	16.81
		1880 (18900)	16.92	17.12	16.86
		1855 (18650)	16.96	17.17	16.93
	25RB-High (25)	1905 (19150)	16.75	16.78	16.77
		1880 (18900)	16.84	16.95	16.84
		1855 (18650)	16.93	16.92	16.94
	25RB-Middle (12)	1905 (19150)	16.78	16.80	16.81
		1880 (18900)	16.98	17.03	16.95
		1855 (18650)	17.05	16.99	16.98
	25RB-Low (0)	1905 (19150)	16.86	16.78	16.73
		1880 (18900)	16.99	17.00	17.01
		1855 (18650)	16.99	17.08	16.96
	50RB (0)	1905 (19150)	16.69	16.76	16.86
		1880 (18900)	16.97	16.97	16.87
		1855 (18650)	16.91	16.98	16.90

15MHz	1RB-High (74)	1902.5 (19125)	16.58	16.80	16.60
		1880 (18900)	16.58	17.05	16.79
		1857.5 (18675)	16.62	16.98	16.92
	1RB-Middle (37)	1902.5 (19125)	16.52	16.69	16.58
		1880 (18900)	16.69	16.86	16.83
		1857.5 (18675)	16.76	17.06	16.93
	1RB-Low (0)	1902.5 (19125)	16.60	16.84	16.58
		1880 (18900)	16.71	16.93	16.88
		1857.5 (18675)	16.83	17.01	16.89
	36RB-High (38)	1902.5 (19125)	16.76	16.61	16.61
		1880 (18900)	16.81	16.84	16.72
		1857.5 (18675)	16.89	16.81	16.86
	36RB-Middle (19)	1902.5 (19125)	16.76	16.61	16.70
		1880 (18900)	16.85	16.85	16.77
		1857.5 (18675)	16.92	16.82	16.86
	36RB-Low (0)	1902.5 (19125)	16.77	16.62	16.66
		1880 (18900)	16.95	16.87	16.84
		1857.5 (18675)	16.88	16.97	16.88
	75RB (0)	1902.5 (19125)	16.70	16.68	16.69
		1880 (18900)	16.89	16.78	16.82
		1857.5 (18675)	16.92	16.95	16.86

20MHz	1RB-High (99)	1900 (19100)	16.50	16.78	16.75
		1880 (18900)	16.65	16.98	16.90
		1860 (18700)	16.78	16.89	16.78
	1RB-Middle (50)	1900 (19100)	16.54	16.71	16.77
		1880 (18900)	16.72	16.96	16.96
		1860 (18700)	16.71	17.08	16.89
	1RB-Low (0)	1900 (19100)	16.69	16.98	16.70
		1880 (18900)	16.74	16.90	16.82
		1860 (18700)	16.81	17.05	16.89
	50RB-High (50)	1900 (19100)	16.68	16.72	16.65
		1880 (18900)	16.79	16.80	16.79
		1860 (18700)	16.88	16.93	16.85
	50RB-Middle (25)	1900 (19100)	16.76	16.73	16.69
		1880 (18900)	16.83	16.86	16.80
		1860 (18700)	16.92	16.87	16.88
	50RB-Low (0)	1900 (19100)	16.75	16.70	16.71
		1880 (18900)	16.86	16.83	16.84
		1860 (18700)	16.84	16.76	16.78
	100RB (0)	1900 (19100)	16.74	16.76	16.70
		1880 (18900)	16.86	16.81	16.85
		1860 (18700)	16.88	16.92	16.83

LTE B2(ANT2 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1909.3 (19193)	16.08	16.38	16.37
		1880 (18900)	16.39	16.55	16.42
		1850.7 (18607)	16.32	16.47	16.62
	1RB-Middle (3)	1909.3 (19193)	16.43	16.52	16.34
		1880 (18900)	16.57	16.66	16.67
		1850.7 (18607)	16.57	16.70	16.52
	1RB-Low (0)	1909.3 (19193)	16.25	16.52	16.45
		1880 (18900)	16.37	16.59	16.57
		1850.7 (18607)	16.35	16.68	16.62
	3RB-High (3)	1909.3 (19193)	16.21	16.21	16.14
		1880 (18900)	16.34	16.22	16.36
		1850.7 (18607)	16.30	16.40	16.33
	3RB-Middle (1)	1909.3 (19193)	16.29	16.25	16.25
		1880 (18900)	16.38	16.38	16.40
		1850.7 (18607)	16.48	16.53	16.44
	3RB-Low (0)	1909.3 (19193)	16.18	16.17	16.32
		1880 (18900)	16.37	16.45	16.38
		1850.7 (18607)	16.42	16.44	16.53
	6RB (0)	1909.3 (19193)	16.21	16.12	16.24
		1880 (18900)	16.38	16.37	16.32
		1850.7 (18607)	16.42	16.38	16.48
3MHz	1RB-High (14)	1908.5 (19185)	16.08	16.40	16.43
		1880 (18900)	16.20	16.61	16.52
		1851.5 (18615)	16.31	16.64	16.62
	1RB-Middle (7)	1908.5 (19185)	16.10	16.56	16.40
		1880 (18900)	16.23	16.51	16.47
		1851.5 (18615)	16.39	16.62	16.54
	1RB-Low (0)	1908.5 (19185)	16.26	16.50	16.47
		1880 (18900)	16.45	16.61	16.57
		1851.5 (18615)	16.50	16.64	16.66
	8RB-High (7)	1908.5 (19185)	16.27	16.25	16.25
		1880 (18900)	16.43	16.35	16.39
		1851.5 (18615)	16.50	16.45	16.50
	8RB-Middle (4)	1908.5 (19185)	16.28	16.36	16.26
		1880 (18900)	16.48	16.51	16.40
		1851.5 (18615)	16.56	16.50	16.47
	8RB-Low (0)	1908.5 (19185)	16.38	16.39	16.44
		1880 (18900)	16.46	16.46	16.55
		1851.5 (18615)	16.51	16.62	16.61
	15RB (0)	1908.5 (19185)	16.27	16.43	16.23
		1880 (18900)	16.48	16.38	16.38
		1851.5 (18615)	16.43	16.51	16.42

5MHz	1RB-High (24)	1907.5 (19175)	16.16	16.43	16.37
		1880 (18900)	16.18	16.63	16.57
		1852.5 (18625)	16.24	16.58	16.63
	1RB-Middle (12)	1907.5 (19175)	16.17	16.29	16.30
		1880 (18900)	16.27	16.55	16.37
		1852.5 (18625)	16.39	16.70	16.67
	1RB-Low (0)	1907.5 (19175)	16.30	16.54	16.64
		1880 (18900)	16.41	16.63	16.54
		1852.5 (18625)	16.61	16.51	16.54
	12RB-High (13)	1907.5 (19175)	16.28	16.24	16.19
		1880 (18900)	16.37	16.38	16.27
		1852.5 (18625)	16.46	16.58	16.36
	12RB-Middle (6)	1907.5 (19175)	16.37	16.32	16.27
		1880 (18900)	16.49	16.53	16.33
		1852.5 (18625)	16.52	16.48	16.47
	12RB-Low (0)	1907.5 (19175)	16.37	16.33	16.30
		1880 (18900)	16.53	16.53	16.45
		1852.5 (18625)	16.55	16.52	16.39
	25RB (0)	1907.5 (19175)	16.32	16.24	16.22
		1880 (18900)	16.44	16.43	16.44
		1852.5 (18625)	16.55	16.52	16.50

10MHz	1RB-High (49)	1905 (19150)	16.18	16.48	16.15
		1880 (18900)	16.37	16.51	16.58
		1855 (18650)	16.33	16.68	16.35
	1RB-Middle (24)	1905 (19150)	16.37	16.59	16.44
		1880 (18900)	16.36	16.57	16.58
		1855 (18650)	16.45	16.59	16.54
	1RB-Low (0)	1905 (19150)	16.31	16.53	16.40
		1880 (18900)	16.39	16.49	16.39
		1855 (18650)	16.44	16.58	16.67
	25RB-High (25)	1905 (19150)	16.25	16.20	16.30
		1880 (18900)	16.42	16.43	16.35
		1855 (18650)	16.39	16.51	16.43
	25RB-Middle (12)	1905 (19150)	16.34	16.31	16.30
		1880 (18900)	16.47	16.52	16.47
		1855 (18650)	16.49	16.54	16.52
	25RB-Low (0)	1905 (19150)	16.35	16.33	16.22
		1880 (18900)	16.38	16.53	16.49
		1855 (18650)	16.57	16.56	16.54
	50RB (0)	1905 (19150)	16.32	16.16	16.23
		1880 (18900)	16.43	16.47	16.36
		1855 (18650)	16.50	16.52	16.32

15MHz	1RB-High (74)	1902.5 (19125)	16.02	16.36	16.46
		1880 (18900)	16.19	16.57	16.52
		1857.5 (18675)	16.26	16.56	16.68
	1RB-Middle (37)	1902.5 (19125)	16.03	16.38	16.31
		1880 (18900)	16.23	16.59	16.41
		1857.5 (18675)	16.29	16.51	16.49
	1RB-Low (0)	1902.5 (19125)	16.14	16.40	16.36
		1880 (18900)	16.23	16.44	16.52
		1857.5 (18675)	16.19	16.58	16.68
	36RB-High (38)	1902.5 (19125)	16.19	16.15	16.27
		1880 (18900)	16.32	16.32	16.30
		1857.5 (18675)	16.31	16.37	16.34
	36RB-Middle (19)	1902.5 (19125)	16.19	16.16	16.26
		1880 (18900)	16.37	16.38	16.37
		1857.5 (18675)	16.34	16.33	16.35
	36RB-Low (0)	1902.5 (19125)	16.18	16.27	16.26
		1880 (18900)	16.36	16.38	16.38
		1857.5 (18675)	16.28	16.41	16.37
	75RB (0)	1902.5 (19125)	16.23	16.23	16.09
		1880 (18900)	16.39	16.40	16.30
		1857.5 (18675)	16.34	16.38	16.44

20MHz	1RB-High (99)	1900 (19100)	16.06	16.38	16.06
		1880 (18900)	16.12	16.37	16.34
		1860 (18700)	16.23	16.43	16.34
	1RB-Middle (50)	1900 (19100)	16.08	16.30	16.14
		1880 (18900)	16.07	16.50	16.28
		1860 (18700)	16.23	16.55	16.22
	1RB-Low (0)	1900 (19100)	16.13	16.40	16.27
		1880 (18900)	16.17	16.56	16.38
		1860 (18700)	16.25	16.62	16.36
	50RB-High (50)	1900 (19100)	16.24	16.20	16.19
		1880 (18900)	16.30	16.31	16.29
		1860 (18700)	16.33	16.32	16.34
	50RB-Middle (25)	1900 (19100)	16.23	16.26	16.18
		1880 (18900)	16.27	16.31	16.33
		1860 (18700)	16.34	16.41	16.39
	50RB-Low (0)	1900 (19100)	16.21	16.30	16.26
		1880 (18900)	16.33	16.36	16.36
		1860 (18700)	16.25	16.41	16.28
	100RB (0)	1900 (19100)	16.20	16.25	16.26
		1880 (18900)	16.33	16.24	16.33
		1860 (18700)	16.41	16.37	16.34

LTE B4(ANT0 DSI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	21.37	21.63	21.74
		1732.5 (20175)	21.57	21.75	21.47
		1710.7 (19957)	21.35	21.77	21.53
	1RB-Middle (3)	1754.3 (20393)	21.80	21.69	21.74
		1732.5 (20175)	21.82	21.69	21.66
		1710.7 (19957)	21.66	21.66	21.60
	1RB-Low (0)	1754.3 (20393)	21.53	21.69	21.73
		1732.5 (20175)	21.54	21.63	21.46
		1710.7 (19957)	21.30	21.55	21.48
	3RB-High (3)	1754.3 (20393)	21.36	21.42	21.38
		1732.5 (20175)	21.48	21.50	21.49
		1710.7 (19957)	21.39	21.46	21.51
	3RB-Middle (1)	1754.3 (20393)	21.45	21.54	21.39
		1732.5 (20175)	21.51	21.47	21.50
		1710.7 (19957)	21.39	21.44	21.44
	3RB-Low (0)	1754.3 (20393)	21.36	21.43	21.46
		1732.5 (20175)	21.45	21.62	21.58
		1710.7 (19957)	21.32	21.32	21.42
	6RB (0)	1754.3 (20393)	21.38	20.42	20.43
		1732.5 (20175)	21.46	20.52	20.41
		1710.7 (19957)	21.03	20.40	20.34
3MHz	1RB-High (14)	1753.5 (20385)	21.40	21.79	21.70
		1732.5 (20175)	21.43	21.79	21.72
		1711.5 (19965)	21.44	21.88	21.55
	1RB-Middle (7)	1753.5 (20385)	21.30	21.61	21.76
		1732.5 (20175)	21.36	21.53	21.89
		1711.5 (19965)	21.27	21.69	21.39
	1RB-Low (0)	1753.5 (20385)	21.40	21.80	21.68
		1732.5 (20175)	21.44	21.88	21.72
		1711.5 (19965)	21.42	21.61	21.65
	8RB-High (7)	1753.5 (20385)	21.57	20.52	20.63
		1732.5 (20175)	21.58	20.52	20.72
		1711.5 (19965)	21.62	20.67	20.56
	8RB-Middle (4)	1753.5 (20385)	21.58	20.60	20.63
		1732.5 (20175)	21.57	20.72	20.50
		1711.5 (19965)	21.58	20.65	20.57
	8RB-Low (0)	1753.5 (20385)	21.57	20.60	20.60
		1732.5 (20175)	21.52	20.67	20.56
		1711.5 (19965)	21.47	20.55	20.52
	15RB (0)	1753.5 (20385)	21.55	20.53	20.49
		1732.5 (20175)	21.54	20.58	20.59
		1711.5 (19965)	21.55	20.50	20.58

5MHz	1RB-High (24)	1752.5 (20375)	21.46	21.74	21.72
		1732.5 (20175)	21.46	21.83	21.87
		1712.5 (19975)	21.70	22.00	21.77
	1RB-Middle (12)	1752.5 (20375)	21.42	21.91	21.41
		1732.5 (20175)	21.40	21.60	21.63
		1712.5 (19975)	21.45	21.84	21.40
	1RB-Low (0)	1752.5 (20375)	21.52	21.78	21.79
		1732.5 (20175)	21.60	21.77	21.69
		1712.5 (19975)	21.40	21.76	21.67
	12RB-High (13)	1752.5 (20375)	21.59	20.40	20.56
		1732.5 (20175)	21.52	20.75	20.63
		1712.5 (19975)	21.66	20.52	20.55
	12RB-Middle (6)	1752.5 (20375)	21.54	20.57	20.60
		1732.5 (20175)	21.71	20.60	20.58
		1712.5 (19975)	21.72	20.62	20.53
	12RB-Low (0)	1752.5 (20375)	21.51	20.57	20.50
		1732.5 (20175)	21.57	20.68	20.65
		1712.5 (19975)	21.52	20.51	20.56
	25RB (0)	1752.5 (20375)	21.61	20.64	20.47
		1732.5 (20175)	21.51	20.62	20.65
		1712.5 (19975)	21.64	20.65	20.57

10MHz	1RB-High (49)	1750 (20350)	21.39	21.79	21.39
		1732.5 (20175)	21.48	21.92	21.38
		1715 (20000)	21.66	21.97	21.91
	1RB-Middle (24)	1750 (20350)	21.50	21.85	21.74
		1732.5 (20175)	21.50	21.77	21.74
		1715 (20000)	21.62	21.82	21.71
	1RB-Low (0)	1750 (20350)	21.52	21.91	21.77
		1732.5 (20175)	21.56	21.88	21.61
		1715 (20000)	21.41	21.89	21.66
	25RB-High (25)	1750 (20350)	21.67	20.61	20.56
		1732.5 (20175)	21.57	20.68	20.65
		1715 (20000)	21.61	20.67	20.66
	25RB-Middle (12)	1750 (20350)	21.64	20.61	20.63
		1732.5 (20175)	21.63	20.66	20.67
		1715 (20000)	21.64	20.69	20.71
	25RB-Low (0)	1750 (20350)	21.45	20.58	20.57
		1732.5 (20175)	21.63	20.64	20.65
		1715 (20000)	21.66	20.66	20.57
	50RB (0)	1750 (20350)	21.56	20.50	20.44
		1732.5 (20175)	21.69	20.61	20.63
		1715 (20000)	21.61	20.67	20.65

15MHz	1RB-High (74)	1747.5 (20325)	21.47	21.55	21.66
		1732.5 (20175)	21.34	21.72	21.68
		1717.5 (20025)	21.43	21.74	21.60
	1RB-Middle (37)	1747.5 (20325)	21.32	21.59	21.60
		1732.5 (20175)	21.41	21.68	21.73
		1717.5 (20025)	21.47	21.78	21.75
	1RB-Low (0)	1747.5 (20325)	21.41	21.69	21.74
		1732.5 (20175)	21.38	21.64	21.56
		1717.5 (20025)	21.27	21.68	21.67
	36RB-High (38)	1747.5 (20325)	21.55	20.39	20.41
		1732.5 (20175)	21.53	20.44	20.56
		1717.5 (20025)	21.54	20.59	20.48
	36RB-Middle (19)	1747.5 (20325)	21.53	20.32	20.44
		1732.5 (20175)	21.58	20.47	20.54
		1717.5 (20025)	21.59	20.65	20.66
	36RB-Low (0)	1747.5 (20325)	21.41	20.42	20.41
		1732.5 (20175)	21.54	20.55	20.51
		1717.5 (20025)	21.54	20.56	20.52
	75RB (0)	1747.5 (20325)	21.44	20.43	20.34
		1732.5 (20175)	21.44	20.58	20.48
		1717.5 (20025)	21.49	20.49	20.51

20MHz	1RB-High (99)	1745 (20300)	21.30	21.66	20.90
		1732.5 (20175)	21.34	21.72	20.96
		1720 (20050)	21.44	21.73	21.00
	1RB-Middle (50)	1745 (20300)	21.36	21.77	20.86
		1732.5 (20175)	21.41	21.77	20.40
		1720 (20050)	21.46	21.99	20.93
	1RB-Low (0)	1745 (20300)	21.42	21.79	20.83
		1732.5 (20175)	21.43	21.73	20.70
		1720 (20050)	21.37	21.80	20.80
	50RB-High (50)	1745 (20300)	21.47	20.40	19.44
		1732.5 (20175)	21.44	20.56	19.55
		1720 (20050)	21.49	20.56	19.59
	50RB-Middle (25)	1745 (20300)	21.50	20.56	19.60
		1732.5 (20175)	21.52	20.54	19.56
		1720 (20050)	21.56	20.60	19.69
	50RB-Low (0)	1745 (20300)	21.49	20.53	19.59
		1732.5 (20175)	21.52	20.57	19.63
		1720 (20050)	21.64	20.54	19.59
	100RB (0)	1745 (20300)	21.52	20.48	19.42
		1732.5 (20175)	21.53	20.49	19.57
		1720 (20050)	21.56	20.54	19.61

LTE B4(ANT0 DSI8)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	22.22	21.55	21.53
		1732.5 (20175)	22.27	21.60	21.66
		1710.7 (19957)	22.13	21.58	21.47
	1RB-Middle (3)	1754.3 (20393)	22.19	21.64	21.56
		1732.5 (20175)	22.49	21.82	21.71
		1710.7 (19957)	22.30	21.57	21.52
	1RB-Low (0)	1754.3 (20393)	22.24	21.55	21.31
		1732.5 (20175)	22.22	21.67	21.52
		1710.7 (19957)	22.10	21.50	21.49
	3RB-High (3)	1754.3 (20393)	22.26	21.37	21.25
		1732.5 (20175)	22.27	21.27	21.47
		1710.7 (19957)	22.20	21.26	21.27
	3RB-Middle (1)	1754.3 (20393)	22.35	21.07	21.39
		1732.5 (20175)	22.40	21.45	21.52
		1710.7 (19957)	22.29	21.39	21.37
	3RB-Low (0)	1754.3 (20393)	22.28	21.42	21.38
		1732.5 (20175)	22.36	21.42	21.45
		1710.7 (19957)	22.19	21.36	21.40
	6RB (0)	1754.3 (20393)	21.31	20.38	20.33
		1732.5 (20175)	21.39	20.47	20.42
		1710.7 (19957)	21.26	20.26	20.44
3MHz	1RB-High (14)	1753.5 (20385)	22.29	21.67	21.61
		1732.5 (20175)	22.40	21.69	21.59
		1711.5 (19965)	22.35	21.85	21.61
	1RB-Middle (7)	1753.5 (20385)	22.25	21.88	21.70
		1732.5 (20175)	22.25	21.91	21.55
		1711.5 (19965)	22.23	21.91	21.54
	1RB-Low (0)	1753.5 (20385)	22.33	21.70	21.54
		1732.5 (20175)	22.43	21.71	21.68
		1711.5 (19965)	22.21	21.67	21.46
	8RB-High (7)	1753.5 (20385)	21.51	20.41	20.48
		1732.5 (20175)	21.50	20.48	20.56
		1711.5 (19965)	21.44	20.58	20.53
	8RB-Middle (4)	1753.5 (20385)	21.46	20.55	20.47
		1732.5 (20175)	21.42	20.69	20.56
		1711.5 (19965)	21.52	20.60	20.48
	8RB-Low (0)	1753.5 (20385)	21.40	20.49	20.52
		1732.5 (20175)	21.47	20.56	20.63
		1711.5 (19965)	21.42	20.52	20.48
	15RB (0)	1753.5 (20385)	21.44	20.31	20.44
		1732.5 (20175)	21.50	20.53	20.44
		1711.5 (19965)	21.50	20.44	20.42

5MHz	1RB-High (24)	1752.5 (20375)	22.37	21.72	21.69
		1732.5 (20175)	22.52	21.71	21.55
		1712.5 (19975)	22.48	21.85	21.72
	1RB-Middle (12)	1752.5 (20375)	22.25	21.87	21.29
		1732.5 (20175)	22.29	21.54	21.83
		1712.5 (19975)	22.41	22.02	21.68
	1RB-Low (0)	1752.5 (20375)	22.38	21.77	21.72
		1732.5 (20175)	22.37	21.77	21.61
		1712.5 (19975)	22.35	21.74	21.41
	12RB-High (13)	1752.5 (20375)	21.36	20.50	20.50
		1732.5 (20175)	21.39	20.49	20.52
		1712.5 (19975)	21.55	20.45	20.57
	12RB-Middle (6)	1752.5 (20375)	21.46	20.50	20.52
		1732.5 (20175)	21.53	20.53	20.54
		1712.5 (19975)	21.53	20.55	20.57
	12RB-Low (0)	1752.5 (20375)	21.52	20.50	20.37
		1732.5 (20175)	21.51	20.51	20.49
		1712.5 (19975)	21.43	20.34	20.36
	25RB (0)	1752.5 (20375)	21.47	20.53	20.49
		1732.5 (20175)	21.56	20.58	20.50
		1712.5 (19975)	21.54	20.59	20.60

10MHz	1RB-High (49)	1750 (20350)	22.13	21.74	21.44
		1732.5 (20175)	22.26	21.77	21.64
		1715 (20000)	22.44	21.78	21.79
	1RB-Middle (24)	1750 (20350)	22.33	21.66	21.62
		1732.5 (20175)	22.32	21.52	21.67
		1715 (20000)	22.45	21.67	21.76
	1RB-Low (0)	1750 (20350)	22.34	21.80	21.58
		1732.5 (20175)	22.27	21.73	21.54
		1715 (20000)	22.32	21.88	21.59
	25RB-High (25)	1750 (20350)	21.48	20.58	20.55
		1732.5 (20175)	21.45	20.58	20.54
		1715 (20000)	21.54	20.46	20.59
	25RB-Middle (12)	1750 (20350)	21.49	20.46	20.52
		1732.5 (20175)	21.53	20.57	20.60
		1715 (20000)	21.63	20.67	20.60
	25RB-Low (0)	1750 (20350)	21.39	20.37	20.39
		1732.5 (20175)	21.54	20.44	20.58
		1715 (20000)	21.54	20.46	20.57
	50RB (0)	1750 (20350)	21.32	20.49	20.46
		1732.5 (20175)	21.51	20.53	20.52
		1715 (20000)	21.58	20.62	20.46

15MHz	1RB-High (74)	1747.5 (20325)	22.30	21.56	21.37
		1732.5 (20175)	22.21	21.60	21.47
		1717.5 (20025)	22.27	21.54	20.81
	1RB-Middle (37)	1747.5 (20325)	22.20	21.50	21.37
		1732.5 (20175)	22.22	21.50	21.53
		1717.5 (20025)	22.32	21.65	20.56
	1RB-Low (0)	1747.5 (20325)	22.28	21.67	21.52
		1732.5 (20175)	22.28	21.59	21.51
		1717.5 (20025)	22.16	21.55	20.61
	36RB-High (38)	1747.5 (20325)	21.47	20.28	20.37
		1732.5 (20175)	21.43	20.44	20.34
		1717.5 (20025)	21.42	20.40	19.53
	36RB-Middle (19)	1747.5 (20325)	21.36	20.31	20.34
		1732.5 (20175)	21.45	20.45	20.45
		1717.5 (20025)	21.56	20.55	19.61
	36RB-Low (0)	1747.5 (20325)	21.31	20.25	20.38
		1732.5 (20175)	21.36	20.43	20.48
		1717.5 (20025)	21.51	20.47	19.37
	75RB (0)	1747.5 (20325)	21.27	20.38	20.27
		1732.5 (20175)	21.37	20.39	19.39
		1717.5 (20025)	21.37	20.43	19.39

20MHz	1RB-High (99)	1745 (20300)	22.07	21.46	21.39
		1732.5 (20175)	22.28	21.55	21.49
		1720 (20050)	22.28	21.56	21.59
	1RB-Middle (50)	1745 (20300)	22.18	21.56	21.44
		1732.5 (20175)	22.18	21.63	21.49
		1720 (20050)	22.34	21.78	21.61
	1RB-Low (0)	1745 (20300)	22.18	21.72	21.64
		1732.5 (20175)	22.30	21.59	21.58
		1720 (20050)	22.13	21.61	21.52
	50RB-High (50)	1745 (20300)	21.29	20.36	20.28
		1732.5 (20175)	21.27	20.39	20.29
		1720 (20050)	21.32	20.37	20.36
	50RB-Middle (25)	1745 (20300)	21.37	20.45	20.29
		1732.5 (20175)	21.35	20.44	20.38
		1720 (20050)	21.50	20.45	20.45
	50RB-Low (0)	1745 (20300)	21.39	20.38	20.39
		1732.5 (20175)	21.39	20.44	20.43
		1720 (20050)	21.46	20.53	20.45
	100RB (0)	1745 (20300)	21.37	20.37	20.36
		1732.5 (20175)	21.44	20.36	20.29
		1720 (20050)	21.46	20.43	20.48

LTE B4(ANT0 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	19.30	19.78	19.32
		1732.5 (20175)	19.24	19.62	19.32
		1710.7 (19957)	19.10	19.28	19.20
	1RB-Middle (3)	1754.3 (20393)	19.38	19.54	19.34
		1732.5 (20175)	19.48	19.65	19.34
		1710.7 (19957)	19.24	19.33	19.23
	1RB-Low (0)	1754.3 (20393)	19.25	19.67	19.52
		1732.5 (20175)	19.30	19.69	19.32
		1710.7 (19957)	19.17	19.38	19.23
	3RB-High (3)	1754.3 (20393)	19.26	19.46	19.19
		1732.5 (20175)	19.20	19.53	19.23
		1710.7 (19957)	19.12	19.14	19.05
	3RB-Middle (1)	1754.3 (20393)	19.31	19.05	19.36
		1732.5 (20175)	19.29	19.41	19.23
		1710.7 (19957)	19.18	19.13	19.02
	3RB-Low (0)	1754.3 (20393)	19.23	19.55	19.28
		1732.5 (20175)	19.24	19.46	19.30
		1710.7 (19957)	19.14	19.23	19.15
	6RB (0)	1754.3 (20393)	19.31	19.51	19.26
		1732.5 (20175)	19.26	19.50	19.23
		1710.7 (19957)	19.17	19.21	19.14
3MHz	1RB-High (14)	1753.5 (20385)	19.26	19.76	19.51
		1732.5 (20175)	19.23	19.73	19.44
		1711.5 (19965)	19.20	19.45	19.14
	1RB-Middle (7)	1753.5 (20385)	19.08	19.63	19.02
		1732.5 (20175)	19.35	19.73	19.24
		1711.5 (19965)	19.05	19.70	19.04
	1RB-Low (0)	1753.5 (20385)	19.06	19.59	19.19
		1732.5 (20175)	19.28	19.79	19.47
		1711.5 (19965)	19.00	19.48	19.10
	8RB-High (7)	1753.5 (20385)	19.39	19.64	19.36
		1732.5 (20175)	19.32	19.65	19.36
		1711.5 (19965)	19.02	19.31	19.23
	8RB-Middle (4)	1753.5 (20385)	19.27	19.64	19.26
		1732.5 (20175)	19.37	19.65	19.33
		1711.5 (19965)	19.08	19.37	19.00
	8RB-Low (0)	1753.5 (20385)	19.23	19.49	19.19
		1732.5 (20175)	19.33	19.58	19.30
		1711.5 (19965)	19.05	19.24	19.05
	15RB (0)	1753.5 (20385)	19.24	19.48	19.12
		1732.5 (20175)	19.33	19.56	19.19
		1711.5 (19965)	19.02	19.25	19.22

5MHz	1RB-High (24)	1752.5 (20375)	19.31	19.69	19.41
		1732.5 (20175)	19.41	19.63	19.44
		1712.5 (19975)	19.26	19.66	19.32
	1RB-Middle (12)	1752.5 (20375)	19.17	19.56	19.18
		1732.5 (20175)	19.17	19.76	19.26
		1712.5 (19975)	19.11	19.68	19.22
	1RB-Low (0)	1752.5 (20375)	19.15	19.59	19.44
		1732.5 (20175)	19.50	19.80	19.51
		1712.5 (19975)	19.00	19.50	19.18
	12RB-High (13)	1752.5 (20375)	19.34	19.56	19.28
		1732.5 (20175)	19.33	19.70	19.18
		1712.5 (19975)	19.07	19.38	19.01
	12RB-Middle (6)	1752.5 (20375)	19.16	19.37	19.04
		1732.5 (20175)	19.37	19.59	19.28
		1712.5 (19975)	19.02	19.34	19.19
	12RB-Low (0)	1752.5 (20375)	19.08	19.30	19.00
		1732.5 (20175)	19.27	19.44	19.33
		1712.5 (19975)	19.15	19.23	19.20
	25RB (0)	1752.5 (20375)	19.22	19.47	19.10
		1732.5 (20175)	19.35	19.59	19.32
		1712.5 (19975)	19.04	19.35	19.24

10MHz	1RB-High (49)	1750 (20350)	19.34	19.78	19.39
		1732.5 (20175)	19.14	19.67	19.15
		1715 (20000)	19.25	19.69	19.19
	1RB-Middle (24)	1750 (20350)	19.04	19.43	19.13
		1732.5 (20175)	19.40	19.71	19.45
		1715 (20000)	19.07	19.46	19.19
	1RB-Low (0)	1750 (20350)	19.06	19.45	19.32
		1732.5 (20175)	19.23	19.80	19.26
		1715 (20000)	19.20	19.44	19.01
	25RB-High (25)	1750 (20350)	19.22	19.49	19.12
		1732.5 (20175)	19.29	19.45	19.27
		1715 (20000)	19.17	19.30	19.15
	25RB-Middle (12)	1750 (20350)	19.16	19.41	19.08
		1732.5 (20175)	19.35	19.66	19.41
		1715 (20000)	19.12	19.38	19.11
	25RB-Low (0)	1750 (20350)	19.08	19.42	19.02
		1732.5 (20175)	19.34	19.63	19.32
		1715 (20000)	19.08	19.31	19.02
	50RB (0)	1750 (20350)	19.14	19.42	19.09
		1732.5 (20175)	19.36	19.52	19.24
		1715 (20000)	19.06	19.35	19.22

15MHz	1RB-High (74)	1747.5 (20325)	19.17	19.61	19.18
		1732.5 (20175)	19.00	19.49	19.08
		1717.5 (20025)	19.24	19.66	19.13
	1RB-Middle (37)	1747.5 (20325)	19.13	19.39	19.21
		1732.5 (20175)	19.01	19.61	19.19
		1717.5 (20025)	19.17	19.49	19.10
	1RB-Low (0)	1747.5 (20325)	19.17	19.35	19.24
		1732.5 (20175)	19.11	19.52	19.23
		1717.5 (20025)	19.14	19.33	19.15
	36RB-High (38)	1747.5 (20325)	19.08	19.27	19.16
		1732.5 (20175)	19.23	19.35	19.11
		1717.5 (20025)	19.14	19.36	19.11
	36RB-Middle (19)	1747.5 (20325)	19.05	19.25	19.03
		1732.5 (20175)	19.31	19.53	19.30
		1717.5 (20025)	19.10	19.34	19.17
	36RB-Low (0)	1747.5 (20325)	19.21	19.12	19.14
		1732.5 (20175)	19.14	19.49	19.22
		1717.5 (20025)	19.03	19.23	19.15
	75RB (0)	1747.5 (20325)	19.06	19.21	19.20
		1732.5 (20175)	19.24	19.49	19.21
		1717.5 (20025)	19.04	19.27	19.16
20MHz	1RB-High (99)	1745 (20300)	19.15	19.44	19.27
		1732.5 (20175)	19.32	19.54	19.39
		1720 (20050)	19.28	19.55	19.38
	1RB-Middle (50)	1745 (20300)	19.26	19.50	19.23
		1732.5 (20175)	19.23	19.48	19.29
		1720 (20050)	19.34	19.63	19.35
	1RB-Low (0)	1745 (20300)	19.22	19.71	19.53
		1732.5 (20175)	19.21	19.58	19.43
		1720 (20050)	19.19	19.54	19.21
	50RB-High (50)	1745 (20300)	19.30	19.39	19.42
		1732.5 (20175)	19.37	19.30	19.35
		1720 (20050)	19.32	19.39	19.42
	50RB-Middle (25)	1745 (20300)	19.43	19.41	19.42
		1732.5 (20175)	19.45	19.41	19.41
		1720 (20050)	19.51	19.55	19.49
	50RB-Low (0)	1745 (20300)	19.36	19.42	19.50
		1732.5 (20175)	19.39	19.39	19.44
		1720 (20050)	19.50	19.45	19.46
	100RB (0)	1745 (20300)	19.44	19.43	19.45
		1732.5 (20175)	19.44	19.39	19.30
		1720 (20050)	19.45	19.45	19.49

LTE B4(ANT2 DSI3)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	20.49	20.90	20.94
		1732.5 (20175)	20.64	20.82	20.89
		1710.7 (19957)	20.67	20.89	20.85
	1RB-Middle (3)	1754.3 (20393)	20.96	20.76	20.69
		1732.5 (20175)	20.88	20.88	21.06
		1710.7 (19957)	20.55	20.82	20.85
	1RB-Low (0)	1754.3 (20393)	20.66	20.90	20.90
		1732.5 (20175)	20.66	20.87	21.09
		1710.7 (19957)	20.69	20.86	20.82
	3RB-High (3)	1754.3 (20393)	20.56	20.61	20.64
		1732.5 (20175)	20.62	20.55	20.74
		1710.7 (19957)	20.64	20.65	20.69
	3RB-Middle (1)	1754.3 (20393)	20.68	20.67	20.70
		1732.5 (20175)	20.62	20.60	20.41
		1710.7 (19957)	20.63	20.68	20.75
	3RB-Low (0)	1754.3 (20393)	20.61	20.85	20.78
		1732.5 (20175)	20.55	20.66	20.76
		1710.7 (19957)	20.64	20.68	20.72
	6RB (0)	1754.3 (20393)	20.62	19.96	20.32
		1732.5 (20175)	20.58	20.18	20.19
		1710.7 (19957)	20.60	20.05	20.15
3MHz	1RB-High (14)	1753.5 (20385)	20.66	20.86	20.87
		1732.5 (20175)	20.66	20.93	20.95
		1711.5 (19965)	20.74	21.17	20.91
	1RB-Middle (7)	1753.5 (20385)	20.51	20.77	20.44
		1732.5 (20175)	20.54	20.72	20.64
		1711.5 (19965)	20.52	21.16	20.68
	1RB-Low (0)	1753.5 (20385)	20.68	20.95	20.88
		1732.5 (20175)	20.78	21.01	21.04
		1711.5 (19965)	20.68	20.88	20.83
	8RB-High (7)	1753.5 (20385)	20.69	20.31	20.36
		1732.5 (20175)	20.74	20.14	20.26
		1711.5 (19965)	20.78	20.29	20.37
	8RB-Middle (4)	1753.5 (20385)	20.74	20.38	20.26
		1732.5 (20175)	20.79	20.31	20.35
		1711.5 (19965)	20.80	20.18	20.19
	8RB-Low (0)	1753.5 (20385)	20.75	20.34	20.28
		1732.5 (20175)	20.70	20.31	20.36
		1711.5 (19965)	20.75	20.27	20.33
	15RB (0)	1753.5 (20385)	20.76	20.21	20.22
		1732.5 (20175)	20.76	20.27	20.16
		1711.5 (19965)	20.77	20.23	20.15

5MHz	1RB-High (24)	1752.5 (20375)	20.71	20.97	21.05
		1732.5 (20175)	20.76	21.04	21.01
		1712.5 (19975)	20.77	21.25	20.96
	1RB-Middle (12)	1752.5 (20375)	20.63	21.24	20.60
		1732.5 (20175)	20.50	21.22	20.50
		1712.5 (19975)	20.63	21.37	20.94
	1RB-Low (0)	1752.5 (20375)	20.85	20.95	20.92
		1732.5 (20175)	20.86	21.09	21.07
		1712.5 (19975)	20.62	21.01	20.91
	12RB-High (13)	1752.5 (20375)	20.77	20.13	20.34
		1732.5 (20175)	20.78	20.36	20.32
		1712.5 (19975)	20.79	20.47	20.35
	12RB-Middle (6)	1752.5 (20375)	20.83	20.34	20.19
		1732.5 (20175)	20.75	20.24	20.20
		1712.5 (19975)	20.82	20.40	20.28
	12RB-Low (0)	1752.5 (20375)	20.71	20.35	20.31
		1732.5 (20175)	20.78	20.30	20.22
		1712.5 (19975)	20.76	20.20	20.21
	25RB (0)	1752.5 (20375)	20.69	20.27	20.24
		1732.5 (20175)	20.78	20.26	20.26
		1712.5 (19975)	20.83	20.32	20.42

10MHz	1RB-High (49)	1750 (20350)	20.72	20.94	20.84
		1732.5 (20175)	20.68	21.10	20.61
		1715 (20000)	20.69	21.12	20.95
	1RB-Middle (24)	1750 (20350)	20.78	20.79	20.92
		1732.5 (20175)	20.69	21.04	21.01
		1715 (20000)	20.85	21.13	20.97
	1RB-Low (0)	1750 (20350)	20.75	21.00	20.81
		1732.5 (20175)	20.81	21.14	20.91
		1715 (20000)	20.80	21.09	20.86
	25RB-High (25)	1750 (20350)	20.80	20.30	20.30
		1732.5 (20175)	20.73	20.28	20.30
		1715 (20000)	20.75	20.42	20.42
	25RB-Middle (12)	1750 (20350)	20.76	20.28	20.27
		1732.5 (20175)	20.77	20.33	20.32
		1715 (20000)	20.79	20.35	20.36
	25RB-Low (0)	1750 (20350)	20.72	20.20	20.20
		1732.5 (20175)	20.80	20.34	20.46
		1715 (20000)	20.90	20.38	20.37
	50RB (0)	1750 (20350)	20.70	20.27	20.21
		1732.5 (20175)	20.83	20.30	20.32
		1715 (20000)	20.89	20.34	20.23

15MHz	1RB-High (74)	1747.5 (20325)	20.62	20.75	20.69
		1732.5 (20175)	20.50	20.87	20.74
		1717.5 (20025)	20.59	20.88	20.81
	1RB-Middle (37)	1747.5 (20325)	20.59	20.79	20.73
		1732.5 (20175)	20.61	20.86	20.59
		1717.5 (20025)	20.63	20.97	20.84
	1RB-Low (0)	1747.5 (20325)	20.56	20.94	20.76
		1732.5 (20175)	20.76	21.08	20.80
		1717.5 (20025)	20.59	20.86	20.72
	36RB-High (38)	1747.5 (20325)	20.72	20.18	20.15
		1732.5 (20175)	20.67	20.12	20.12
		1717.5 (20025)	20.81	20.24	20.23
	36RB-Middle (19)	1747.5 (20325)	20.62	20.11	20.08
		1732.5 (20175)	20.78	20.20	20.19
		1717.5 (20025)	20.69	20.22	20.29
	36RB-Low (0)	1747.5 (20325)	20.68	20.08	20.10
		1732.5 (20175)	20.80	20.23	20.28
		1717.5 (20025)	20.74	20.18	20.17
	75RB (0)	1747.5 (20325)	20.63	20.16	20.03
		1732.5 (20175)	20.73	20.20	20.17
		1717.5 (20025)	20.71	20.28	20.17

20MHz	1RB-High (99)	1745 (20300)	20.67	20.86	20.23
		1732.5 (20175)	20.64	20.98	20.36
		1720 (20050)	20.67	20.96	20.60
	1RB-Middle (50)	1745 (20300)	20.72	20.80	20.49
		1732.5 (20175)	20.60	20.85	20.63
		1720 (20050)	20.73	20.94	20.28
	1RB-Low (0)	1745 (20300)	20.73	21.01	20.63
		1732.5 (20175)	20.74	21.11	20.87
		1720 (20050)	20.66	20.98	20.60
	50RB-High (50)	1745 (20300)	20.77	20.27	19.26
		1732.5 (20175)	20.81	20.17	19.16
		1720 (20050)	20.82	20.29	19.22
	50RB-Middle (25)	1745 (20300)	20.87	20.27	19.33
		1732.5 (20175)	20.88	20.37	19.19
		1720 (20050)	20.85	20.33	19.39
	50RB-Low (0)	1745 (20300)	20.81	20.15	19.31
		1732.5 (20175)	20.91	20.20	19.37
		1720 (20050)	20.79	20.28	19.33
	100RB (0)	1745 (20300)	20.77	20.20	19.12
		1732.5 (20175)	20.85	20.18	19.26
		1720 (20050)	20.80	20.36	19.32

LTE B4(ANT2 DSI8)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	16.72	16.96	17.16
		1732.5 (20175)	16.71	16.94	17.14
		1710.7 (19957)	16.78	17.06	16.97
	1RB-Middle (3)	1754.3 (20393)	16.92	16.93	16.84
		1732.5 (20175)	16.93	16.98	16.92
		1710.7 (19957)	16.79	17.03	17.01
	1RB-Low (0)	1754.3 (20393)	16.63	17.05	16.98
		1732.5 (20175)	16.72	16.97	16.94
		1710.7 (19957)	16.59	16.95	17.18
	3RB-High (3)	1754.3 (20393)	16.63	16.70	16.80
		1732.5 (20175)	16.67	16.71	16.80
		1710.7 (19957)	16.67	16.74	16.77
	3RB-Middle (1)	1754.3 (20393)	16.76	16.81	16.70
		1732.5 (20175)	16.70	16.75	16.45
		1710.7 (19957)	16.75	16.84	16.74
	3RB-Low (0)	1754.3 (20393)	16.61	16.60	16.78
		1732.5 (20175)	16.64	16.78	16.80
		1710.7 (19957)	16.67	16.75	16.74
	6RB (0)	1754.3 (20393)	16.74	16.51	16.72
		1732.5 (20175)	16.69	16.76	16.87
		1710.7 (19957)	16.87	16.75	16.71
3MHz	1RB-High (14)	1753.5 (20385)	16.77	17.04	16.97
		1732.5 (20175)	16.82	17.00	17.03
		1711.5 (19965)	16.87	16.93	17.04
	1RB-Middle (7)	1753.5 (20385)	16.63	17.08	16.65
		1732.5 (20175)	16.60	17.19	16.59
		1711.5 (19965)	16.60	17.21	17.00
	1RB-Low (0)	1753.5 (20385)	16.88	16.93	17.00
		1732.5 (20175)	16.83	17.01	16.95
		1711.5 (19965)	16.67	16.96	17.04
	8RB-High (7)	1753.5 (20385)	16.84	16.81	16.92
		1732.5 (20175)	16.84	16.82	16.85
		1711.5 (19965)	16.83	16.68	16.88
	8RB-Middle (4)	1753.5 (20385)	16.80	16.84	16.80
		1732.5 (20175)	16.80	16.93	17.03
		1711.5 (19965)	16.85	16.91	16.80
	8RB-Low (0)	1753.5 (20385)	16.72	16.83	16.80
		1732.5 (20175)	16.84	16.96	16.84
		1711.5 (19965)	16.84	16.74	16.81
	15RB (0)	1753.5 (20385)	16.80	16.82	16.77
		1732.5 (20175)	16.79	16.86	16.83
		1711.5 (19965)	16.82	16.84	16.74

5MHz	1RB-High (24)	1752.5 (20375)	16.73	17.13	16.97
		1732.5 (20175)	16.68	16.96	17.03
		1712.5 (19975)	16.81	16.97	17.21
	1RB-Middle (12)	1752.5 (20375)	16.79	17.12	16.75
		1732.5 (20175)	16.62	16.89	16.64
		1712.5 (19975)	16.62	17.02	16.67
	1RB-Low (0)	1752.5 (20375)	16.85	17.14	17.09
		1732.5 (20175)	16.85	17.08	17.10
		1712.5 (19975)	16.71	16.99	17.06
	12RB-High (13)	1752.5 (20375)	16.74	16.84	16.87
		1732.5 (20175)	16.86	16.93	16.67
		1712.5 (19975)	16.95	16.87	16.72
	12RB-Middle (6)	1752.5 (20375)	16.81	16.88	16.86
		1732.5 (20175)	16.84	16.89	16.84
		1712.5 (19975)	16.83	16.84	16.82
	12RB-Low (0)	1752.5 (20375)	16.75	16.84	16.90
		1732.5 (20175)	16.80	16.86	16.69
		1712.5 (19975)	16.76	16.77	16.86
	25RB (0)	1752.5 (20375)	16.84	16.91	16.79
		1732.5 (20175)	16.86	16.80	16.86
		1712.5 (19975)	16.96	16.75	16.76
10MHz	1RB-High (49)	1750 (20350)	16.77	17.03	16.87
		1732.5 (20175)	16.72	16.96	16.96
		1715 (20000)	16.77	16.96	16.87
	1RB-Middle (24)	1750 (20350)	16.72	16.97	17.10
		1732.5 (20175)	16.69	16.98	17.07
		1715 (20000)	16.90	17.07	17.11
	1RB-Low (0)	1750 (20350)	16.65	16.88	16.76
		1732.5 (20175)	16.86	17.03	17.01
		1715 (20000)	16.69	16.76	16.69
	25RB-High (25)	1750 (20350)	16.90	16.80	16.81
		1732.5 (20175)	16.86	16.87	16.86
		1715 (20000)	16.81	16.91	16.91
	25RB-Middle (12)	1750 (20350)	16.80	16.72	16.69
		1732.5 (20175)	16.92	16.89	16.94
		1715 (20000)	16.95	16.91	16.92
	25RB-Low (0)	1750 (20350)	16.73	16.78	16.74
		1732.5 (20175)	16.92	16.93	16.85
		1715 (20000)	16.92	16.93	16.79
	50RB (0)	1750 (20350)	16.75	16.79	16.76
		1732.5 (20175)	16.90	16.95	16.92
		1715 (20000)	16.91	16.90	16.79

15MHz	1RB-High (74)	1747.5 (20325)	16.51	16.88	16.73
		1732.5 (20175)	16.61	16.70	16.72
		1717.5 (20025)	16.65	17.11	16.74
	1RB-Middle (37)	1747.5 (20325)	16.55	16.97	16.65
		1732.5 (20175)	16.61	16.93	16.72
		1717.5 (20025)	16.71	16.88	16.68
	1RB-Low (0)	1747.5 (20325)	16.62	16.98	16.63
		1732.5 (20175)	16.71	16.70	16.72
		1717.5 (20025)	16.56	16.81	16.55
	36RB-High (38)	1747.5 (20325)	16.73	16.63	16.74
		1732.5 (20175)	16.80	16.65	16.75
		1717.5 (20025)	16.79	16.71	16.80
	36RB-Middle (19)	1747.5 (20325)	16.67	16.62	16.69
		1732.5 (20175)	16.77	16.79	16.67
		1717.5 (20025)	16.76	16.75	16.76
	36RB-Low (0)	1747.5 (20325)	16.68	16.61	16.59
		1732.5 (20175)	16.82	16.71	16.81
		1717.5 (20025)	16.75	16.74	16.79
	75RB (0)	1747.5 (20325)	16.69	16.61	16.62
		1732.5 (20175)	16.74	16.77	16.76
		1717.5 (20025)	16.71	16.68	16.70

20MHz	1RB-High (99)	1745 (20300)	16.66	16.74	16.70
		1732.5 (20175)	16.57	16.92	16.62
		1720 (20050)	16.66	16.85	16.76
	1RB-Middle (50)	1745 (20300)	16.56	16.77	16.72
		1732.5 (20175)	16.63	16.89	16.53
		1720 (20050)	16.55	16.84	16.69
	1RB-Low (0)	1745 (20300)	16.63	17.18	16.78
		1732.5 (20175)	16.76	17.05	16.78
		1720 (20050)	16.53	16.60	16.62
	50RB-High (50)	1745 (20300)	16.68	16.69	16.73
		1732.5 (20175)	16.73	16.69	16.71
		1720 (20050)	16.75	16.71	16.78
	50RB-Middle (25)	1745 (20300)	16.77	16.77	16.67
		1732.5 (20175)	16.70	16.67	16.75
		1720 (20050)	16.86	16.79	16.83
	50RB-Low (0)	1745 (20300)	16.69	16.69	16.77
		1732.5 (20175)	16.78	16.78	16.84
		1720 (20050)	16.77	16.70	16.77
	100RB (0)	1745 (20300)	16.64	16.67	16.58
		1732.5 (20175)	16.74	16.71	16.83
		1720 (20050)	16.77	16.78	16.67

LTE B4(ANT2 DSI13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	1754.3 (20393)	15.65	15.98	15.84
		1732.5 (20175)	15.75	16.09	16.02
		1710.7 (19957)	15.79	16.02	16.02
	1RB-Middle (3)	1754.3 (20393)	15.92	16.00	16.14
		1732.5 (20175)	15.99	16.10	16.03
		1710.7 (19957)	15.89	16.17	16.03
	1RB-Low (0)	1754.3 (20393)	15.69	15.90	15.99
		1732.5 (20175)	15.67	16.06	15.95
		1710.7 (19957)	15.72	15.99	16.15
	3RB-High (3)	1754.3 (20393)	15.73	15.81	15.81
		1732.5 (20175)	15.67	15.77	15.78
		1710.7 (19957)	15.66	15.80	15.77
	3RB-Middle (1)	1754.3 (20393)	15.63	15.63	15.86
		1732.5 (20175)	15.77	15.91	15.58
		1710.7 (19957)	15.68	15.81	15.82
	3RB-Low (0)	1754.3 (20393)	15.69	15.70	15.80
		1732.5 (20175)	15.61	15.81	15.85
		1710.7 (19957)	15.64	15.86	15.91
	6RB (0)	1754.3 (20393)	15.72	15.25	15.73
		1732.5 (20175)	15.70	15.69	15.88
		1710.7 (19957)	15.71	15.81	15.85
3MHz	1RB-High (14)	1753.5 (20385)	15.74	16.01	15.91
		1732.5 (20175)	15.67	16.03	16.04
		1711.5 (19965)	15.84	16.12	16.07
	1RB-Middle (7)	1753.5 (20385)	15.59	15.81	15.47
		1732.5 (20175)	15.64	15.74	15.49
		1711.5 (19965)	15.56	16.00	15.63
	1RB-Low (0)	1753.5 (20385)	15.84	16.14	16.02
		1732.5 (20175)	15.79	16.10	16.03
		1711.5 (19965)	15.66	15.99	15.98
	8RB-High (7)	1753.5 (20385)	15.92	15.93	15.77
		1732.5 (20175)	15.86	15.88	15.88
		1711.5 (19965)	15.81	15.87	15.92
	8RB-Middle (4)	1753.5 (20385)	15.85	15.83	15.89
		1732.5 (20175)	15.81	15.86	15.81
		1711.5 (19965)	15.83	15.89	15.92
	8RB-Low (0)	1753.5 (20385)	15.82	15.94	15.75
		1732.5 (20175)	15.82	15.89	15.89
		1711.5 (19965)	15.77	15.83	15.91
	15RB (0)	1753.5 (20385)	15.82	15.98	15.82
		1732.5 (20175)	15.80	15.80	15.75
		1711.5 (19965)	15.80	15.92	15.79

5MHz	1RB-High (24)	1752.5 (20375)	15.77	16.09	16.02
		1732.5 (20175)	15.85	15.98	15.89
		1712.5 (19975)	16.00	16.19	16.12
	1RB-Middle (12)	1752.5 (20375)	15.68	15.89	15.75
		1732.5 (20175)	15.65	15.86	15.54
		1712.5 (19975)	15.71	16.05	15.56
	1RB-Low (0)	1752.5 (20375)	15.67	16.02	15.98
		1732.5 (20175)	15.91	16.03	16.09
		1712.5 (19975)	15.80	15.99	16.03
	12RB-High (13)	1752.5 (20375)	15.82	15.73	15.69
		1732.5 (20175)	15.75	15.95	15.81
		1712.5 (19975)	15.92	15.94	15.79
	12RB-Middle (6)	1752.5 (20375)	15.90	15.80	15.83
		1732.5 (20175)	15.82	15.79	15.92
		1712.5 (19975)	15.81	15.93	15.91
	12RB-Low (0)	1752.5 (20375)	15.83	15.86	15.95
		1732.5 (20175)	15.86	15.89	15.72
		1712.5 (19975)	15.84	15.85	15.76
	25RB (0)	1752.5 (20375)	15.80	15.81	15.81
		1732.5 (20175)	15.86	15.81	15.85
		1712.5 (19975)	15.95	15.95	15.81

10MHz	1RB-High (49)	1750 (20350)	15.70	16.02	15.76
		1732.5 (20175)	15.72	15.87	15.67
		1715 (20000)	15.77	16.14	15.78
	1RB-Middle (24)	1750 (20350)	15.61	15.88	16.11
		1732.5 (20175)	15.90	16.09	16.05
		1715 (20000)	15.82	16.06	16.17
	1RB-Low (0)	1750 (20350)	15.65	16.03	15.83
		1732.5 (20175)	15.87	16.02	16.00
		1715 (20000)	15.72	15.95	15.72
	25RB-High (25)	1750 (20350)	15.83	15.91	15.90
		1732.5 (20175)	15.79	15.91	15.86
		1715 (20000)	15.87	15.98	15.87
	25RB-Middle (12)	1750 (20350)	15.80	15.82	15.82
		1732.5 (20175)	15.89	15.89	15.89
		1715 (20000)	15.89	15.90	15.93
	25RB-Low (0)	1750 (20350)	15.74	15.77	15.75
		1732.5 (20175)	15.81	15.90	15.89
		1715 (20000)	15.84	15.95	15.96
	50RB (0)	1750 (20350)	15.76	15.79	15.77
		1732.5 (20175)	15.87	15.86	15.86
		1715 (20000)	15.87	15.85	15.88

15MHz	1RB-High (74)	1747.5 (20325)	15.62	15.68	15.71
		1732.5 (20175)	15.57	15.72	15.67
		1717.5 (20025)	15.79	15.85	15.85
	1RB-Middle (37)	1747.5 (20325)	15.53	15.82	15.74
		1732.5 (20175)	15.59	15.91	15.77
		1717.5 (20025)	15.68	15.91	15.68
	1RB-Low (0)	1747.5 (20325)	15.61	15.81	15.73
		1732.5 (20175)	15.75	16.13	15.90
		1717.5 (20025)	15.60	15.57	15.64
	36RB-High (38)	1747.5 (20325)	15.71	15.67	15.70
		1732.5 (20175)	15.70	15.69	15.61
		1717.5 (20025)	15.85	15.82	15.80
	36RB-Middle (19)	1747.5 (20325)	15.67	15.56	15.67
		1732.5 (20175)	15.82	15.76	15.79
		1717.5 (20025)	15.84	15.82	15.81
	36RB-Low (0)	1747.5 (20325)	15.66	15.67	15.68
		1732.5 (20175)	15.76	15.81	15.83
		1717.5 (20025)	15.78	15.74	15.77
	75RB (0)	1747.5 (20325)	15.66	15.67	15.58
		1732.5 (20175)	15.78	15.75	15.77
		1717.5 (20025)	15.75	15.74	15.74

20MHz	1RB-High (99)	1745 (20300)	15.63	15.71	15.77
		1732.5 (20175)	15.67	15.81	15.83
		1720 (20050)	15.74	15.91	15.74
	1RB-Middle (50)	1745 (20300)	15.55	15.90	15.75
		1732.5 (20175)	15.62	15.88	15.68
		1720 (20050)	15.68	15.89	15.81
	1RB-Low (0)	1745 (20300)	15.56	15.91	15.73
		1732.5 (20175)	15.78	15.79	15.86
		1720 (20050)	15.55	15.87	15.58
	50RB-High (50)	1745 (20300)	15.67	15.64	15.64
		1732.5 (20175)	15.77	15.76	15.70
		1720 (20050)	15.74	15.73	15.85
	50RB-Middle (25)	1745 (20300)	15.72	15.68	15.79
		1732.5 (20175)	15.84	15.73	15.76
		1720 (20050)	15.83	15.84	15.86
	50RB-Low (0)	1745 (20300)	15.72	15.68	15.67
		1732.5 (20175)	15.72	15.83	15.83
		1720 (20050)	15.79	15.80	15.80
	100RB (0)	1745 (20300)	15.66	15.67	15.66
		1732.5 (20175)	15.70	15.76	15.76
		1720 (20050)	15.73	15.71	15.76

LTE B5(ANT1 DSI3/8/13)

BANDWIDTH	Number of RBs	Frequency	QPSK	16QAM	64QAM
1.4MHz	1RB-High (5)	848.3 (20643)	23.64	22.87	22.02
		836.5 (20525)	24.15	23.53	22.34
		824.7 (20407)	24.16	23.40	22.39
	1RB-Middle (3)	848.3 (20643)	23.83	23.19	22.02
		836.5 (20525)	24.14	23.44	22.33
		824.7 (20407)	24.15	23.48	22.38
	1RB-Low (0)	848.3 (20643)	23.90	23.01	22.04
		836.5 (20525)	24.10	23.34	22.48
		824.7 (20407)	24.18	23.37	22.35
	3RB-High (3)	848.3 (20643)	23.69	22.71	21.94
		836.5 (20525)	24.29	23.20	22.21
		824.7 (20407)	24.13	23.19	22.40
	3RB-Middle (1)	848.3 (20643)	23.74	22.72	22.01
		836.5 (20525)	24.21	23.06	22.41
		824.7 (20407)	24.09	23.25	22.39
	3RB-Low (0)	848.3 (20643)	23.79	22.80	22.07
		836.5 (20525)	24.10	23.22	22.37
		824.7 (20407)	24.20	23.30	22.47
	6RB (0)	848.3 (20643)	22.84	21.91	21.05
		836.5 (20525)	23.16	22.14	21.27
		824.7 (20407)	23.35	22.39	21.30
3MHz	1RB-High (14)	847.5 (20635)	23.87	23.07	21.98
		836.5 (20525)	24.38	23.81	22.50
		825.5 (20415)	24.19	23.53	22.31
	1RB-Middle (7)	847.5 (20635)	24.04	23.41	22.20
		836.5 (20525)	24.20	23.53	22.45
		825.5 (20415)	24.22	23.68	22.34
	1RB-Low (0)	847.5 (20635)	24.28	23.61	22.47
		836.5 (20525)	24.23	23.64	22.51
		825.5 (20415)	24.44	23.63	22.33
	8RB-High (7)	847.5 (20635)	22.92	22.00	21.27
		836.5 (20525)	23.28	22.31	21.48
		825.5 (20415)	23.23	22.28	21.40
	8RB-Middle (4)	847.5 (20635)	23.07	22.15	21.22
		836.5 (20525)	23.31	22.32	21.30
		825.5 (20415)	23.30	22.36	21.45
	8RB-Low (0)	847.5 (20635)	23.22	22.21	21.38
		836.5 (20525)	23.23	22.36	21.50
		825.5 (20415)	23.32	22.32	21.48
	15RB (0)	847.5 (20635)	23.08	22.11	21.11
		836.5 (20525)	23.27	22.35	21.27
		825.5 (20415)	23.25	22.38	21.49

5MHz	1RB-High (24)	846.5 (20625)	23.84	23.16	21.94
		836.5 (20525)	24.37	23.10	22.55
		826.5 (20425)	24.23	23.48	22.41
	1RB-Middle (12)	846.5 (20625)	24.20	23.57	22.43
		836.5 (20525)	24.37	23.73	22.57
		826.5 (20425)	24.22	23.71	22.38
	1RB-Low (0)	846.5 (20625)	24.35	23.63	22.56
		836.5 (20525)	24.38	23.55	22.54
		826.5 (20425)	24.28	23.64	22.46
	12RB-High (13)	846.5 (20625)	23.08	21.96	21.11
		836.5 (20525)	23.32	22.34	21.39
		826.5 (20425)	23.18	22.28	21.26
	12RB-Middle (6)	846.5 (20625)	23.27	22.29	21.37
		836.5 (20525)	23.34	22.33	21.48
		826.5 (20425)	23.32	22.36	21.32
	12RB-Low (0)	846.5 (20625)	23.29	22.40	21.50
		836.5 (20525)	23.28	22.37	21.34
		826.5 (20425)	23.30	22.34	21.48
	25RB (0)	846.5 (20625)	23.32	22.28	21.38
		836.5 (20525)	23.29	22.27	21.43
		826.5 (20425)	23.28	22.40	21.41

10MHz	1RB-High (49)	844 (20600)	23.91	23.10	22.09
		836.5 (20525)	24.28	23.89	22.67
		829 (20450)	24.24	23.71	22.52
	1RB-Middle (24)	844 (20600)	24.33	23.58	22.56
		836.5 (20525)	24.19	23.37	22.44
		829 (20450)	24.11	23.49	22.44
	1RB-Low (0)	844 (20600)	24.23	23.79	22.56
		836.5 (20525)	24.11	23.68	22.62
		829 (20450)	24.20	23.81	22.64
	25RB-High (25)	844 (20600)	23.43	22.40	21.37
		836.5 (20525)	23.28	22.38	21.39
		829 (20450)	23.18	22.13	21.38
	25RB-Middle (12)	844 (20600)	23.53	22.46	21.55
		836.5 (20525)	23.26	22.37	21.44
		829 (20450)	23.27	22.34	21.39
	25RB-Low (0)	844 (20600)	23.43	22.37	21.62
		836.5 (20525)	23.39	22.41	21.49
		829 (20450)	23.27	22.26	21.43
	50RB (0)	844 (20600)	23.41	22.40	21.48
		836.5 (20525)	23.27	22.35	21.47
		829 (20450)	23.24	22.29	21.34

LTE Carrier Aggregation Conducted Power (Uplink)

7C ANT0 DSI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	22.00	20.67
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	22.00	20.63
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	22.00	20.60
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	22.00	20.71
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	22.00	20.68
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	22.00	20.84
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	22.00	20.89
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	22.00	20.75
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	22.00	20.85

7C ANT0 DSI8

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	24.20	22.79
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	24.20	22.74
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	24.20	22.71
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	24.20	22.83
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	24.20	22.80
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	24.20	22.97
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	24.20	23.03
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	24.20	22.88
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	24.20	22.99

7C ANT0 DSI13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	20.00	18.55
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	20.00	18.52
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	20.00	18.49
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	20.00	18.59
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	20.00	18.56
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	20.00	18.71
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	20.00	18.75
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	20.00	18.62
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	20.00	18.71

7C ANT2 DSI3

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	19.20	17.37
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	19.20	17.33
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	19.20	17.31
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	19.20	17.40
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	19.20	17.37
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	19.20	17.51
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	19.20	17.55
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	19.20	17.43
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	19.20	17.52

7C ANT2 DSI8

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	17.70	15.89
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	17.70	15.86
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	17.70	15.84
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	17.70	15.92
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	17.70	15.90
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	17.70	16.02
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	17.70	16.06
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	17.70	15.95
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	17.70	16.03

7C ANT2 DSI13

UL LTE CA Class	PCC					SCC				Power	
	PCC Bandwidth	UL channel	DL channel	UL RB	UL RB OFFSET	SCC Bandwidth	DL channel	UL RB	UL RB OFFSET	tune up	conducted power (dBm)
CA_7C	20M	20850	2850	1	99	20M	3048	1	0	14.20	12.64
CA_7C	20M	20850	2850	1	99	15M	3021	1	0	14.20	12.61
CA_7C	20M	20850	2850	1	99	10M	2994	1	0	14.20	12.59
CA_7C	15M	20825	2825	1	74	15M	2975	1	0	14.20	12.66
CA_7C	15M	20825	2825	1	74	10M	2945	1	0	14.20	12.64
CA_7C	20M	21350	3350	1	0	20M	3152	1	99	14.20	12.74
CA_7C	20M	21350	3350	1	0	15M	3179	1	74	14.20	12.77
CA_7C	20M	21350	3350	1	0	10M	3206	1	49	14.20	12.68
CA_7C	15M	21375	3375	1	0	15M	3225	1	74	14.20	12.75

41C ANT4 DSI3

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	24.00	22.02
CA 41C	20M	39750	1	99	20M	39948	1	0	24.00	22.04
CA 41C	20M	39750	1	99	15M	39921	1	0	24.00	22.00
CA 41C	20M	39750	1	99	10M	39894	1	0	24.00	22.01
CA 41C	15M	39725	1	74	10M	39845	1	0	24.00	22.05
CA 41C	20M	41490	1	0	20M	41292	1	99	24.00	22.71
CA 41C	20M	41490	1	0	15M	41319	1	74	24.00	22.68
CA 41C	20M	41490	1	0	10M	41346	1	49	24.00	22.70
CA 41C	20M	41490	1	0	5M	41373	1	24	24.00	22.63
CA 41C	15M	41515	1	0	15M	41365	1	74	24.00	22.69
CA 41C	15M	41515	1	0	10M	41395	1	49	24.00	22.70

41C ANT4 DSI8

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	20.20	18.24
CA 41C	20M	39750	1	99	20M	39948	1	0	20.20	18.30
CA 41C	20M	39750	1	99	15M	39921	1	0	20.20	18.25
CA 41C	20M	39750	1	99	10M	39894	1	0	20.20	18.22
CA 41C	15M	39725	1	74	10M	39845	1	0	20.20	18.34
CA 41C	20M	41490	1	0	20M	41292	1	99	20.20	18.89
CA 41C	20M	41490	1	0	15M	41319	1	74	20.20	18.86
CA 41C	20M	41490	1	0	10M	41346	1	49	20.20	18.88
CA 41C	20M	41490	1	0	5M	41373	1	24	20.20	18.82
CA 41C	15M	41515	1	0	15M	41365	1	74	20.20	18.87
CA 41C	15M	41515	1	0	10M	41395	1	49	20.20	18.88

41C ANT4 DSI13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	19.00	17.03
CA 41C	20M	39750	1	99	20M	39948	1	0	19.00	17.04
CA 41C	20M	39750	1	99	15M	39921	1	0	19.00	17.01
CA 41C	20M	39750	1	99	10M	39894	1	0	19.00	17.02
CA 41C	15M	39725	1	74	10M	39845	1	0	19.00	17.21
CA 41C	20M	41490	1	0	20M	41292	1	99	19.00	17.62
CA 41C	20M	41490	1	0	15M	41319	1	74	19.00	17.59
CA 41C	20M	41490	1	0	10M	41346	1	49	19.00	17.61
CA 41C	20M	41490	1	0	5M	41373	1	24	19.00	17.56
CA 41C	15M	41515	1	0	15M	41365	1	74	19.00	17.60
CA 41C	15M	41515	1	0	10M	41395	1	49	19.00	17.61

41C ANT2 DSI3

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	21.20	19.30
CA 41C	20M	39750	1	99	20M	39948	1	0	21.20	19.31
CA 41C	20M	39750	1	99	15M	39921	1	0	21.20	19.28
CA 41C	20M	39750	1	99	10M	39894	1	0	21.20	19.29
CA 41C	15M	39725	1	74	10M	39845	1	0	21.20	19.50
CA 41C	20M	41490	1	0	20M	41292	1	99	21.20	19.77
CA 41C	20M	41490	1	0	15M	41319	1	74	21.20	19.74
CA 41C	20M	41490	1	0	10M	41346	1	49	21.20	19.76
CA 41C	20M	41490	1	0	5M	41373	1	24	21.20	19.70
CA 41C	15M	41515	1	0	15M	41365	1	74	21.20	19.75
CA 41C	15M	41515	1	0	10M	41395	1	49	21.20	19.76

41C ANT2 DSI8

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	18.70	16.78
CA 41C	20M	39750	1	99	20M	39948	1	0	18.70	16.79
CA 41C	20M	39750	1	99	15M	39921	1	0	18.70	16.76
CA 41C	20M	39750	1	99	10M	39894	1	0	18.70	16.77
CA 41C	15M	39725	1	74	10M	39845	1	0	18.70	16.95
CA 41C	20M	41490	1	0	20M	41292	1	99	18.70	17.25
CA 41C	20M	41490	1	0	15M	41319	1	74	18.70	17.22
CA 41C	20M	41490	1	0	10M	41346	1	49	18.70	17.24
CA 41C	20M	41490	1	0	5M	41373	1	24	18.70	17.19
CA 41C	15M	41515	1	0	15M	41365	1	74	18.70	17.23
CA 41C	15M	41515	1	0	10M	41395	1	49	18.70	17.24

41C ANT2 DSI13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	16.20	14.38
CA 41C	20M	39750	1	99	20M	39948	1	0	16.20	14.38
CA 41C	20M	39750	1	99	15M	39921	1	0	16.20	14.36
CA 41C	20M	39750	1	99	10M	39894	1	0	16.20	14.37
CA 41C	15M	39725	1	74	10M	39845	1	0	16.20	14.53
CA 41C	20M	41490	1	0	20M	41292	1	99	16.20	14.96
CA 41C	20M	41490	1	0	15M	41319	1	74	16.20	14.94
CA 41C	20M	41490	1	0	10M	41346	1	49	16.20	14.95
CA 41C	20M	41490	1	0	5M	41373	1	24	16.20	14.91
CA 41C	15M	41515	1	0	15M	41365	1	74	16.20	14.95
CA 41C	15M	41515	1	0	10M	41395	1	49	16.20	14.95

41C ANT0 DSI3

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	20.70	19.22
CA 41C	20M	39750	1	99	20M	39948	1	0	20.70	19.23
CA 41C	20M	39750	1	99	15M	39921	1	0	20.70	19.20
CA 41C	20M	39750	1	99	10M	39894	1	0	20.70	19.21
CA 41C	15M	39725	1	74	10M	39845	1	0	20.70	19.42
CA 41C	20M	41490	1	0	20M	41292	1	99	20.70	20.00
CA 41C	20M	41490	1	0	15M	41319	1	74	20.70	19.97
CA 41C	20M	41490	1	0	10M	41346	1	49	20.70	19.99
CA 41C	20M	41490	1	0	5M	41373	1	24	20.70	19.93
CA 41C	15M	41515	1	0	15M	41365	1	74	20.70	19.98
CA 41C	15M	41515	1	0	10M	41395	1	49	20.70	19.99

41C ANT0 DSI8

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	22.20	20.53
CA 41C	20M	39750	1	99	20M	39948	1	0	22.20	20.54
CA 41C	20M	39750	1	99	15M	39921	1	0	22.20	20.51
CA 41C	20M	39750	1	99	10M	39894	1	0	22.20	20.52
CA 41C	15M	39725	1	74	10M	39845	1	0	22.20	20.74
CA 41C	20M	41490	1	0	20M	41292	1	99	22.20	20.76
CA 41C	20M	41490	1	0	15M	41319	1	74	22.20	20.73
CA 41C	20M	41490	1	0	10M	41346	1	49	22.20	20.75
CA 41C	20M	41490	1	0	5M	41373	1	24	22.20	20.69
CA 41C	15M	41515	1	0	15M	41365	1	74	22.20	20.74
CA 41C	15M	41515	1	0	10M	41395	1	49	22.20	20.75

41C ANT0 DSI13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	15.70	14.47
CA 41C	20M	39750	1	99	20M	39948	1	0	15.70	14.48
CA 41C	20M	39750	1	99	15M	39921	1	0	15.70	14.46
CA 41C	20M	39750	1	99	10M	39894	1	0	15.70	14.47
CA 41C	15M	39725	1	74	10M	39845	1	0	15.70	14.62
CA 41C	20M	41490	1	0	20M	41292	1	99	15.70	14.96
CA 41C	20M	41490	1	0	15M	41319	1	74	15.70	14.94
CA 41C	20M	41490	1	0	10M	41346	1	49	15.70	14.95
CA 41C	20M	41490	1	0	5M	41373	1	24	15.70	14.91
CA 41C	15M	41515	1	0	15M	41365	1	74	15.70	14.94
CA 41C	15M	41515	1	0	10M	41395	1	49	15.70	14.95

41C ANT5 DSI3

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	20.70	18.84
CA 41C	20M	39750	1	99	20M	39948	1	0	20.70	18.85
CA 41C	20M	39750	1	99	15M	39921	1	0	20.70	18.82
CA 41C	20M	39750	1	99	10M	39894	1	0	20.70	18.83
CA 41C	15M	39725	1	74	10M	39845	1	0	20.70	19.04
CA 41C	20M	41490	1	0	20M	41292	1	99	20.70	19.40
CA 41C	20M	41490	1	0	15M	41319	1	74	20.70	19.37
CA 41C	20M	41490	1	0	10M	41346	1	49	20.70	19.39
CA 41C	20M	41490	1	0	5M	41373	1	24	20.70	19.33
CA 41C	15M	41515	1	0	15M	41365	1	74	20.70	19.38
CA 41C	15M	41515	1	0	10M	41395	1	49	20.70	19.39

41C ANT5 DSI8

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	18.70	16.75
CA 41C	20M	39750	1	99	20M	39948	1	0	18.70	16.76
CA 41C	20M	39750	1	99	15M	39921	1	0	18.70	16.73
CA 41C	20M	39750	1	99	10M	39894	1	0	18.70	16.74
CA 41C	15M	39725	1	74	10M	39845	1	0	18.70	16.92
CA 41C	20M	41490	1	0	20M	41292	1	99	18.70	17.43
CA 41C	20M	41490	1	0	15M	41319	1	74	18.70	17.40
CA 41C	20M	41490	1	0	10M	41346	1	49	18.70	17.42
CA 41C	20M	41490	1	0	5M	41373	1	24	18.70	17.37
CA 41C	15M	41515	1	0	15M	41365	1	74	18.70	17.41
CA 41C	15M	41515	1	0	10M	41395	1	49	18.70	17.42

41C ANT5 DSI13

UL LTE CA Class	PCC				SCC				Power	
	PCC Bandwi	channel	RB	RB OFFSET	SCC Bandwi	channel	RB	RB OFFSET	tune up	conducted power (dBm)
CA 41C	20M	39750	1	99	5M	39867	1	0	15.70	13.92
CA 41C	20M	39750	1	99	20M	39948	1	0	15.70	13.92
CA 41C	20M	39750	1	99	15M	39921	1	0	15.70	13.90
CA 41C	20M	39750	1	99	10M	39894	1	0	15.70	13.91
CA 41C	15M	39725	1	74	10M	39845	1	0	15.70	14.06
CA 41C	20M	41490	1	0	20M	41292	1	99	15.70	14.48
CA 41C	20M	41490	1	0	15M	41319	1	74	15.70	14.46
CA 41C	20M	41490	1	0	10M	41346	1	49	15.70	14.47
CA 41C	20M	41490	1	0	5M	41373	1	24	15.70	14.43
CA 41C	15M	41515	1	0	15M	41365	1	74	15.70	14.47
CA 41C	15M	41515	1	0	10M	41395	1	49	15.70	14.47

I.2.2 SAR Test Result

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	22.73	24.20	0.121	**0.170**	0.079	**0.111**	0.01
0	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	22.73	24.20	0.053	**0.074**	0.034	**0.048**	0.02
0	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	22.73	24.20	0.077	**0.108**	0.050	**0.070**	-0.19
0	Head	WCDMA1900	9538	1907.6	RMC	Tilt Right	0mm	\	22.75	24.20	0.115	**0.161**	0.071	**0.099**	0.15
0	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	22.73	24.20	0.134	**0.188**	0.082	**0.115**	-0.09
0	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	FIG I.1	22.97	24.20	0.144	**0.191**	0.088	**0.117**	-0.11
0	Body	WCDMA1900	9400	1880	RMC	Front	10mm	\	19.18	20.70	0.233	**0.331**	0.144	**0.204**	0.14
0	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	\	19.18	20.70	0.312	**0.443**	0.183	**0.260**	0.08
0	Body	WCDMA1900	9400	1880	RMC	Left	10mm	\	19.18	20.70	0.133	**0.189**	0.074	**0.105**	-0.03
0	Body	WCDMA1900	9538	1907.6	RMC	Bottom	10mm	FIG I.2	19.19	20.70	0.518	**0.733**	0.285	**0.404**	0.07
0	Body	WCDMA1900	9400	1880	RMC	Bottom	10mm	\	19.18	20.70	0.506	**0.718**	0.278	**0.394**	-0.07
0	Body	WCDMA1900	9262	1852.4	RMC	Bottom	10mm	\	19.32	20.70	0.478	**0.657**	0.262	**0.360**	0.18
0	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	21.37	22.70	0.228	**0.310**	0.145	**0.197**	-0.07
0	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	FIG I.3	21.28	22.70	0.291	**0.404**	0.174	**0.241**	-0.15
0	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	\	21.37	22.70	0.283	**0.384**	0.172	**0.234**	0.07
0	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	\	21.40	22.70	0.258	**0.348**	0.158	**0.213**	-0.02
2	Head	WCDMA1900	9400	1880	RMC	Cheek Left	0mm	\	16.66	17.70	0.446	**0.567**	0.256	**0.325**	-0.05
2	Head	WCDMA1900	9400	1880	RMC	Tilt Left	0mm	\	16.66	17.70	0.561	**0.713**	0.318	**0.404**	0.02
2	Head	WCDMA1900	9400	1880	RMC	Cheek Right	0mm	\	16.66	17.70	0.536	**0.681**	0.285	**0.362**	-0.17
2	Head	WCDMA1900	9538	1907.6	RMC	Tilt Right	0mm	FIG I.4	16.55	17.70	0.758	**0.988**	0.385	**0.502**	-0.07
2	Head	WCDMA1900	9400	1880	RMC	Tilt Right	0mm	\	16.66	17.70	0.680	**0.864**	0.345	**0.438**	0.09
2	Head	WCDMA1900	9262	1852.4	RMC	Tilt Right	0mm	\	16.77	17.70	0.553	**0.685**	0.281	**0.348**	0.07
2	Body	WCDMA1900	9400	1880	RMC	Front	10mm	\	16.17	17.20	0.081	**0.103**	0.051	**0.065**	0.02
2	Body	WCDMA1900	9400	1880	RMC	Rear	10mm	\	16.17	17.20	0.111	**0.141**	0.069	**0.087**	-0.03
2	Body	WCDMA1900	9400	1880	RMC	Left	10mm	\	16.17	17.20	0.058	**0.074**	0.036	**0.046**	0.05
2	Body	WCDMA1900	9538	1907.6	RMC	Top	10mm	FIG I.5	15.91	17.20	0.253	**0.341**	0.139	**0.187**	0.14
2	Body	WCDMA1900	9400	1880	RMC	Top	10mm	\	16.17	17.20	0.231	**0.293**	0.126	**0.160**	-0.05
2	Body	WCDMA1900	9262	1852.4	RMC	Top	10mm	\	16.28	17.20	0.194	**0.240**	0.106	**0.131**	-0.05
2	Body	WCDMA1900	9400	1880	RMC	Front	15mm	\	21.66	22.70	0.136	**0.173**	0.080	**0.102**	0.14
2	Body	WCDMA1900	9538	1907.6	RMC	Rear	15mm	FIG I.6	21.48	22.70	0.391	**0.518**	0.240	**0.318**	-0.09
2	Body	WCDMA1900	9400	1880	RMC	Rear	15mm	\	21.66	22.70	0.341	**0.433**	0.210	**0.267**	-0.06
2	Body	WCDMA1900	9262	1852.4	RMC	Rear	15mm	\	21.72	22.70	0.266	**0.333**	0.165	**0.207**	0.02
0	Head	LTE B2	18900	1880	1RB-Low	Cheek Left	0mm	\	22.39	24.30	0.136	**0.211**	0.085	**0.132**	0.19
0	Head	LTE B2	18900	1880	1RB-Low	Tilt Left	0mm	\	22.39	24.30	0.088	**0.137**	0.053	**0.082**	-0.04
0	Head	LTE B2	18900	1880	1RB-Low	Cheek Right	0mm	\	22.39	24.30	0.107	**0.166**	0.065	**0.101**	0.07
0	Head	LTE B2	18900	1880	1RB-Low	Tilt Right	0mm	\	22.39	24.30	0.043	**0.067**	0.026	**0.040**	-0.18
0	Head	LTE B2	18700	1860	50RB-Low	Cheek Left	0mm	FIG I.7	21.57	23.30	0.145	**0.216**	0.090	**0.134**	-0.17
0	Head	LTE B2	18700	1860	50RB-Low	Tilt Left	0mm	\	21.57	23.30	0.093	**0.139**	0.057	**0.085**	0.02
0	Head	LTE B2	18700	1860	50RB-Low	Cheek Right	0mm	\	21.57	23.30	0.108	**0.161**	0.068	**0.101**	0.1
0	Head	LTE B2	18700	1860	50RB-Low	Tilt Right	0mm	\	21.57	23.30	0.046	**0.069**	0.027	**0.040**	-0.07
0	Body	LTE B2	18700	1860	1RB-Low	Front	10mm	\	19.45	21.00	0.184	**0.263**	0.111	**0.159**	-0.18
0	Body	LTE B2	18700	1860	1RB-Low	Rear	10mm	\	19.45	21.00	0.262	**0.374**	0.150	**0.214**	0.03
0	Body	LTE B2	18700	1860	1RB-Low	Left	10mm	\	19.45	21.00	0.110	**0.157**	0.060	**0.086**	0.01
0	Body	LTE B2	18700	1860	1RB-Low	Bottom	10mm	FIG I.8	19.45	21.00	0.410	**0.586**	0.223	**0.319**	-0.17
0	Body	LTE B2	18700	1860	50RB-Low	Front	10mm	\	19.56	21.00	0.187	**0.261**	0.113	**0.157**	-0.01
0	Body	LTE B2	18700	1860	50RB-Low	Rear	10mm	\	19.56	21.00	0.268	**0.373**	0.154	**0.215**	-0.04
0	Body	LTE B2	18700	1860	50RB-Low	Left	10mm	\	19.56	21.00	0.114	**0.159**	0.063	**0.088**	0.06
0	Body	LTE B2	18700	1860	50RB-Low	Bottom	10mm	\	19.56	21.00	0.403	**0.561**	0.219	**0.305**	-0.09
0	Body	LTE B2	18700	1860	1RB-High	Front	15mm	\	21.55	23.00	0.159	**0.222**	0.106	**0.148**	0.11
0	Body	LTE B2	18700	1860	1RB-High	Rear	15mm	\	21.55	23.00	0.231	**0.323**	0.142	**0.198**	0.04
0	Body	LTE B2	18700	1860	50RB-Middle	Front	15mm	\	21.68	23.00	0.162	**0.220**	0.108	**0.146**	-0.14
0	Body	LTE B2	18700	1860	50RB-Middle	Rear	15mm	FIG I.9	21.68	23.00	0.238	**0.323**	0.147	**0.199**	0.02
2	Head	LTE B2	18700	1860	1RB-Low	Cheek Left	0mm	\	16.81	18.00	0.215	**0.283**	0.101	**0.133**	0.02
2	Head	LTE B2	18700	1860	1RB-Low	Tilt Left	0mm	\	16.81	18.00	0.239	**0.314**	0.115	**0.151**	0.05
2	Head	LTE B2	18700	1860	1RB-Low	Cheek Right	0mm	\	16.81	18.00	0.430	**0.566**	0.208	**0.274**	-0.03
2	Head	LTE B2	18700	1860	1RB-Low	Tilt Right	0mm	FIG I.10	16.81	18.00	0.477	**0.627**	0.237	**0.312**	0.11
2	Head	LTE B2	18700	1860	50RB-Middle	Cheek Left	0mm	\	16.92	18.00	0.233	**0.299**	0.108	**0.138**	-0.09
2	Head	LTE B2	18700	1860	50RB-Middle	Tilt Left	0mm	\	16.92	18.00	0.265	**0.340**	0.129	**0.165**	0.02
2	Head	LTE B2	18700	1860	50RB-Middle	Cheek Right	0mm	\	16.92	18.00	0.460	**0.590**	0.223	**0.286**	-0.15
2	Head	LTE B2	18700	1860	50RB-Middle	Tilt Right	0mm	\	16.92	18.00	0.478	**0.613**	0.225	**0.289**	0.03
2	Body	LTE B2	18700	1860	1RB-Low	Front	10mm	\	16.25	17.50	0.047	**0.063**	0.026	**0.035**	0.08
2	Body	LTE B2	18700	1860	1RB-Low	Rear	10mm	\	16.25	17.50	0.094	**0.125**	0.058	**0.077**	-0.13
2	Body	LTE B2	18700	1860	1RB-Low	Left	10mm	\	16.25	17.50	0.039	**0.052**	0.023	**0.031**	-0.08
2	Body	LTE B2	18700	1860	1RB-Low	Top	10mm	\	16.25	17.50	0.163	**0.217**	0.088	**0.117**	-0.07
2	Body	LTE B2	18700	1860	50RB-Middle	Front	10mm	\	16.34	17.50	0.050	**0.065**	0.028	**0.037**	-0.16
2	Body	LTE B2	18700	1860	50RB-Middle	Rear	10mm	\	16.34	17.50	0.107	**0.140**	0.065	**0.085**	-0.04
2	Body	LTE B2	18700	1860	50RB-Middle	Left	10mm	\	16.34	17.50	0.044	**0.057**	0.026	**0.034**	-0.03
2	Body	LTE B2	18700	1860	50RB-Middle	Top	10mm	FIG I.11	16.34	17.50	0.180	**0.235**	0.098	**0.128**	-0.16
2	Body	LTE B2	18900	1880	1RB-Low	Front	15mm	\	21.29	22.50	0.180	**0.238**	0.103	**0.136**	-0.03
2	Body	LTE B2	18900	1880	1RB-Low	Rear	15mm	\	21.29	22.50	0.269	**0.355**	0.164	**0.217**	-0.03
2	Body	LTE B2	18700	1860	50RB-Middle	Front	15mm	\	21.52	22.50	0.187	**0.234**	0.106	**0.133**	0.01
2	Body	LTE B2	18700	1860	50RB-Middle	Rear	15mm	FIG I.12	21.52	22.50	0.315	**0.395**	0.194	**0.243**	-0.08

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	LTE B4	20050	1720	1RB-Middle	Cheek Left	0mm	\	22.34	24.00	0.078	**0.114**	0.053	**0.078**	-0.08
0	Head	LTE B4	20050	1720	1RB-Middle	Tilt Left	0mm	\	22.34	24.00	0.048	**0.070**	0.030	**0.044**	0.12
0	Head	LTE B4	20050	1720	1RB-Middle	Cheek Right	0mm	FIG I.13	22.34	24.00	0.109	**0.160**	0.072	**0.106**	-0.12
0	Head	LTE B4	20050	1720	1RB-Middle	Tilt Right	0mm	\	22.34	24.00	0.031	**0.045**	0.021	**0.031**	0.14
0	Head	LTE B4	20050	1720	50RB-Middle	Cheek Left	0mm	\	21.50	23.00	0.065	**0.092**	0.045	**0.064**	0.02
0	Head	LTE B4	20050	1720	50RB-Middle	Tilt Left	0mm	\	21.50	23.00	0.039	**0.055**	0.025	**0.035**	0.03
0	Head	LTE B4	20050	1720	50RB-Middle	Cheek Right	0mm	\	21.50	23.00	0.089	**0.126**	0.058	**0.082**	0.02
0	Head	LTE B4	20050	1720	50RB-Middle	Tilt Right	0mm	\	21.50	23.00	0.029	**0.041**	0.018	**0.025**	0.06
0	Body	LTE B4	20050	1720	1RB-Middle	Front	10mm	\	19.34	21.00	0.162	**0.237**	0.106	**0.155**	0.06
0	Body	LTE B4	20050	1720	1RB-Middle	Rear	10mm	\	19.34	21.00	0.241	**0.353**	0.143	**0.210**	-0.01
0	Body	LTE B4	20050	1720	1RB-Middle	Left	10mm	\	19.34	21.00	0.099	**0.145**	0.054	**0.079**	0.11
0	Body	LTE B4	20050	1720	1RB-Middle	Bottom	10mm	\	19.34	21.00	0.338	**0.495**	0.189	**0.277**	-0.05
0	Body	LTE B4	20050	1720	50RB-Middle	Front	10mm	\	19.51	21.00	0.163	**0.230**	0.107	**0.151**	0.11
0	Body	LTE B4	20050	1720	50RB-Middle	Rear	10mm	\	19.51	21.00	0.245	**0.345**	0.146	**0.206**	0.13
0	Body	LTE B4	20050	1720	50RB-Middle	Left	10mm	\	19.51	21.00	0.099	**0.140**	0.055	**0.078**	-0.03
0	Body	LTE B4	20050	1720	50RB-Middle	Bottom	10mm	FIG I.14	19.51	21.00	0.353	**0.497**	0.196	**0.276**	0.18
0	Body	LTE B4	20050	1720	1RB-Middle	Front	15mm	\	21.46	23.00	0.098	**0.140**	0.064	**0.091**	-0.16
0	Body	LTE B4	20050	1720	1RB-Middle	Rear	15mm	\	21.46	23.00	0.105	**0.150**	0.067	**0.096**	-0.07
0	Body	LTE B4	20050	1720	50RB-Low	Front	15mm	\	21.64	23.00	0.102	**0.140**	0.067	**0.092**	0.15
0	Body	LTE B4	20050	1720	50RB-Low	Rear	15mm	FIG I.15	21.64	23.00	0.129	**0.176**	0.078	**0.107**	0.05
2	Head	LTE B4	20175	1732.5	1RB-Low	Cheek Left	0mm	\	16.76	18.00	0.374	**0.498**	0.184	**0.245**	0.14
2	Head	LTE B4	20175	1732.5	1RB-Low	Tilt Left	0mm	\	16.76	18.00	0.328	**0.436**	0.165	**0.220**	-0.01
2	Head	LTE B4	20175	1732.5	1RB-Low	Cheek Right	0mm	\	16.76	18.00	0.418	**0.556**	0.204	**0.271**	-0.07
2	Head	LTE B4	20175	1732.5	1RB-Low	Tilt Right	0mm	\	16.76	18.00	0.442	**0.588**	0.204	**0.271**	-0.12
2	Head	LTE B4	20050	1720	50RB-Middle	Cheek Left	0mm	\	16.86	18.00	0.379	**0.493**	0.185	**0.241**	-0.15
2	Head	LTE B4	20050	1720	50RB-Middle	Tilt Left	0mm	\	16.86	18.00	0.345	**0.449**	0.174	**0.226**	-0.02
2	Head	LTE B4	20050	1720	50RB-Middle	Cheek Right	0mm	\	16.86	18.00	0.417	**0.542**	0.202	**0.263**	0.04
2	Head	LTE B4	20050	1720	50RB-Middle	Tilt Right	0mm	FIG I.16	16.86	18.00	0.478	**0.621**	0.220	**0.286**	0.01
2	Body	LTE B4	20175	1732.5	1RB-Low	Front	10mm	\	15.78	17.00	0.075	**0.099**	0.046	**0.061**	0.11
2	Body	LTE B4	20175	1732.5	1RB-Low	Rear	10mm	\	15.78	17.00	0.083	**0.110**	0.054	**0.072**	-0.02
2	Body	LTE B4	20175	1732.5	1RB-Low	Left	10mm	\	15.78	17.00	0.057	**0.075**	0.034	**0.045**	0.15
2	Body	LTE B4	20175	1732.5	1RB-Low	Top	10mm	\	15.78	17.00	0.166	**0.220**	0.091	**0.121**	-0.1
2	Body	LTE B4	20175	1732.5	50RB-Middle	Front	10mm	\	15.84	17.00	0.079	**0.103**	0.048	**0.063**	-0.14
2	Body	LTE B4	20175	1732.5	50RB-Middle	Rear	10mm	\	15.84	17.00	0.090	**0.118**	0.059	**0.077**	-0.05
2	Body	LTE B4	20175	1732.5	50RB-Middle	Left	10mm	\	15.84	17.00	0.062	**0.081**	0.037	**0.048**	0.05
2	Body	LTE B4	20175	1732.5	50RB-Middle	Top	10mm	FIG I.17	15.84	17.00	0.176	**0.230**	0.098	**0.128**	0.15
2	Body	LTE B4	20175	1732.5	1RB-Low	Front	15mm	\	20.74	22.00	0.169	**0.226**	0.102	**0.136**	-0.18
2	Body	LTE B4	20175	1732.5	1RB-Low	Rear	15mm	\	20.74	22.00	0.208	**0.278**	0.133	**0.178**	-0.02
2	Body	LTE B4	20175	1732.5	50RB-Low	Front	15mm	\	20.91	22.00	0.173	**0.222**	0.104	**0.134**	0.12
2	Body	LTE B4	20175	1732.5	50RB-Low	Rear	15mm	FIG I.18	20.91	22.00	0.221	**0.284**	0.139	**0.179**	-0.15
1	Head	LTE B5	20600	844	1RB-Middle	Cheek Left	0mm	FIG I.19	24.33	25.30	0.179	**0.224**	0.139	**0.174**	-0.13
1	Head	LTE B5	20600	844	1RB-Middle	Tilt Left	0mm	\	24.33	25.30	0.103	**0.129**	0.083	**0.104**	0.04
1	Head	LTE B5	20600	844	1RB-Middle	Cheek Right	0mm	\	24.33	25.30	0.170	**0.213**	0.137	**0.171**	-0.18
1	Head	LTE B5	20600	844	1RB-Middle	Tilt Right	0mm	\	24.33	25.30	0.120	**0.150**	0.097	**0.121**	-0.17
1	Head	LTE B5	20600	844	25RB-Middle	Cheek Left	0mm	\	23.53	24.30	0.152	**0.181**	0.116	**0.139**	0.19
1	Head	LTE B5	20600	844	25RB-Middle	Tilt Left	0mm	\	23.53	24.30	0.074	**0.088**	0.060	**0.072**	-0.06
1	Head	LTE B5	20600	844	25RB-Middle	Cheek Right	0mm	\	23.53	24.30	0.139	**0.166**	0.112	**0.134**	-0.16
1	Head	LTE B5	20600	844	25RB-Middle	Tilt Right	0mm	\	23.53	24.30	0.100	**0.119**	0.080	**0.096**	0.15
1	Body	LTE B5	20600	844	1RB-Middle	Front	10mm	\	24.33	25.30	0.246	**0.308**	0.158	**0.198**	-0.18
1	Body	LTE B5	20600	844	1RB-Middle	Rear	10mm	FIG I.20	24.33	25.30	0.270	**0.338**	0.179	**0.224**	-0.08
1	Body	LTE B5	20600	844	1RB-Middle	Right	10mm	\	24.33	25.30	0.217	**0.271**	0.147	**0.184**	0.05
1	Body	LTE B5	20600	844	1RB-Middle	Bottom	10mm	\	24.33	25.30	0.155	**0.194**	0.096	**0.120**	-0.02
1	Body	LTE B5	20600	844	25RB-Middle	Front	10mm	\	23.53	24.30	0.204	**0.244**	0.131	**0.156**	0.05
1	Body	LTE B5	20600	844	25RB-Middle	Rear	10mm	\	23.53	24.30	0.221	**0.264**	0.145	**0.173**	-0.14
1	Body	LTE B5	20600	844	25RB-Middle	Right	10mm	\	23.53	24.30	0.178	**0.213**	0.121	**0.144**	0.07
1	Body	LTE B5	20600	844	25RB-Middle	Bottom	10mm	\	23.53	24.30	0.125	**0.149**	0.078	**0.093**	-0.19

I.2.2 SAR results for Phablet

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
2	Body	WCDMA1900	9538	1907.6	RMC	Top	0mm	\	21.48	22.70	4.700	**6.224**	1.800	**2.384**	0.13
2	Body	WCDMA1900	9400	1880	RMC	Top	0mm	\	21.66	22.70	4.580	**5.819**	1.760	**2.236**	0.13
2	Body	WCDMA1900	9262	1852.4	RMC	Top	0mm	\	21.72	22.70	4.320	**5.414**	1.670	**2.093**	0.12

I.3 Spot Check

I.3.1 Measurement results

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No./Note	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
1	Head	GSM850	128	824.2	Voice	Cheek Right	0mm	FIG I.21	33.01	33.70	0.162	**0.190**	0.126	**0.148**	-0.15
1	Body	GSM850	190	836.6	GPRS(1TX)	Rear	10mm	FIG I.22	33.39	33.70	0.051	**0.055**	0.034	**0.037**	0.1
0	Head	GSM1900	810	1909.8	Voice	Cheek Left	0mm	FIG I.23	30.09	30.70	0.088	**0.101**	0.056	**0.064**	-0.17
0	Body	GSM1900	810	1909.8	GPRS(1TX)	Bottom	10mm	FIG I.24	27.54	28.70	0.358	**0.468**	0.193	**0.252**	0.03
0	Body	GSM1900	810	1909.8	GPRS(3TX)	Rear	15mm	FIG I.25	25.24	25.70	0.153	**0.170**	0.091	**0.101**	-0.17
2	Head	GSM1900	810	1880	Voice	Tilt Right	0mm	FIG I.26	26.88	27.20	0.817	**0.879**	0.413	**0.445**	0.12
2	Body	GSM1900	810	1909.8	GPRS(3TX)	Top	10mm	FIG I.27	19.50	19.90	0.233	**0.255**	0.123	**0.135**	0.16
2	Body	GSM1900	810	1909.8	GPRS(1TX)	Rear	15mm	FIG I.28	29.31	30.20	0.163	**0.200**	0.100	**0.123**	-0.13
1	Head	WCDMA850	4183	836.6	RMC	Cheek Left	0mm	FIG I.29	24.47	25.30	0.193	**0.234**	0.148	**0.179**	0.01
1	Body	WCDMA850	4183	836.6	RMC	Rear	10mm	FIG I.30	24.47	25.30	0.286	**0.346**	0.187	**0.226**	-0.06
1	Body	WCDMA850	4233	846.6	RMC	Rear	15mm	FIG I.31	24.40	25.30	0.152	**0.187**	0.103	**0.127**	0
0	Head	LTE B7	21350	2560	1RB-High	Cheek Left	0mm	FIG I.32	23.11	24.20	0.225	**0.289**	0.124	**0.159**	-0.06
0	Head	LTE B7	21350	2560	1RB-Low	Cheek Left	0mm	ULCA	23.03	24.20	0.203	**0.266**	0.111	**0.145**	0.19
0	Body	LTE B7	21350	2560	50RB-High	Bottom	10mm	FIG I.33	19.08	20.00	0.546	**0.675**	0.256	**0.316**	0.16
0	Body	LTE B7	21350	2560	1RB-Low	Bottom	10mm	ULCA	18.75	20.00	0.504	**0.672**	0.213	**0.284**	0.09
0	Body	LTE B7	21350	2560	50RB-Middle	Rear	15mm	FIG I.34	21.09	22.00	0.243	**0.300**	0.125	**0.154**	0.01
0	Body	LTE B7	21350	2560	1RB-Low	Rear	15mm	ULCA	20.89	22.00	0.193	**0.249**	0.104	**0.134**	-0.06
2	Head	LTE B7	21100	2535	50RB-Low	Tilt Right	0mm	FIG I.35	16.45	17.70	0.622	**0.829**	0.256	**0.341**	0.08
2	Head	LTE B7	21350	2560	1RB-Low	Tilt Right	0mm	ULCA	16.06	17.70	0.546	**0.797**	0.231	**0.337**	0.01
2	Body	LTE B7	21350	2560	1RB-Low	Top	10mm	FIG I.36	12.88	14.20	0.100	**0.136**	0.047	**0.064**	0.14
2	Body	LTE B7	21350	2560	1RB-Low	Top	10mm	ULCA	12.77	14.20	0.083	**0.115**	0.039	**0.054**	0.05
2	Body	LTE B7	21350	2560	50RB-High	Rear	15mm	FIG I.37	17.84	19.20	0.124	**0.170**	0.058	**0.079**	-0.12
2	Body	LTE B7	21350	2560	1RB-Low	Rear	15mm	ULCA	17.55	19.20	0.103	**0.151**	0.047	**0.069**	0.16
4	Head	LTE B38	38150	2610	50RB-Low	Cheek Right	0mm	FIG I.38	19.74	21.20	0.447	**0.626**	0.218	**0.305**	-0.17
4	Body	LTE B38	38150	2610	1RB-Low	Left	10mm	FIG I.39	17.76	19.20	0.110	**0.153**	0.055	**0.077**	0.12
4	Body	LTE B38	38150	2610	1RB-Low	Rear	15mm	FIG I.40	22.69	24.20	0.144	**0.204**	0.076	**0.108**	-0.06
2	Head	LTE B38	37850	2580	50RB-Middle	Tilt Right	0mm	FIG I.41	17.55	18.70	0.658	**0.857**	0.239	**0.311**	0.1
2	Body	LTE B38	38000	2595	50RB-Middle	Top	10mm	FIG I.42	15.15	16.20	0.142	**0.181**	0.062	**0.079**	0.18
2	Body	LTE B38	37850	2580	50RB-Low	Rear	15mm	FIG I.43	19.95	21.20	0.138	**0.184**	0.066	**0.088**	-0.03
0	Head	LTE B38	38000	2595	1RB-Low	Cheek Left	0mm	FIG I.44	20.12	21.20	0.041	**0.053**	0.022	**0.028**	-0.09
0	Body	LTE B38	38000	2595	1RB-Low	Bottom	10mm	FIG I.45	14.31	15.20	0.113	**0.139**	0.052	**0.064**	0.12
0	Body	LTE B38	38000	2595	1RB-Low	Rear	15mm	FIG I.46	19.52	20.20	0.117	**0.137**	0.059	**0.069**	-0.13
5	Head	LTE B38	38150	2610	50RB-Low	Tilt Left	0mm	FIG I.47	17.88	18.20	0.405	**0.436**	0.182	**0.196**	-0.07
5	Body	LTE B38	38150	2610	1RB-Middle	Top	10mm	FIG I.48	14.90	15.20	0.061	**0.065**	0.029	**0.031**	0.14
5	Body	LTE B38	38150	2610	1RB-Middle	Rear	15mm	FIG I.49	19.87	20.20	0.074	**0.080**	0.040	**0.043**	0.13
4	Head	LTE B41	41055	2636.5	1RB-Low	Cheek Right	0mm	FIG I.50	18.90	20.20	0.474	**0.639**	0.233	**0.314**	0.04
4	Head	LTE B41	41490	2680	1RB-Low	Cheek Right	0mm	ULCA	18.89	20.20	0.445	**0.602**	0.223	**0.302**	0.09
4	Body	LTE B41	41055	2636.5	1RB-Low	Left	10mm	FIG I.51	17.67	19.00	0.130	**0.177**	0.065	**0.088**	0.17
4	Body	LTE B41	41490	2680	1RB-Low	Left	10mm	ULCA	17.62	19.00	0.119	**0.164**	0.057	**0.078**	0.02
4	Body	LTE B41	41055	2636.5	50RB-Middle	Front	15mm	FIG I.52	23.03	24.00	0.097	**0.121**	0.054	**0.068**	-0.17
4	Body	LTE B41	41490	2680	1RB-Low	Front	15mm	ULCA	22.71	24.00	0.076	**0.102**	0.046	**0.062**	0.12
2	Head	LTE B41	40620	2593	1RB-Low	Tilt Right	0mm	FIG I.53	17.62	18.70	0.746	**0.957**	0.270	**0.346**	-0.12
2	Head	LTE B41	41490	2680	1RB-Low	Tilt Right	0mm	ULCA	17.25	18.70	0.673	**0.940**	0.242	**0.338**	0.16
2	Body	LTE B41	39750	2506	50RB-Middle	Top	10mm	FIG I.54	15.23	16.20	0.119	**0.149**	0.055	**0.069**	0.15
2	Body	LTE B41	41490	2680	1RB-Low	Top	10mm	ULCA	14.96	16.20	0.091	**0.121**	0.037	**0.049**	-0.06
2	Body	LTE B41	39750	2506	50RB-Middle	Rear	15mm	FIG I.55	20.06	21.20	0.123	**0.160**	0.060	**0.078**	-0.14
2	Body	LTE B41	41490	2680	1RB-Low	Rear	15mm	ULCA	19.77	21.20	0.111	**0.154**	0.053	**0.074**	0.17
0	Head	LTE B41	41490	2680	1RB-Low	Cheek Left	0mm	FIG I.56	20.83	22.20	0.017	**0.023**	0.007	**0.010**	-0.09
0	Head	LTE B41	41490	2680	1RB-Low	Cheek Left	0mm	ULCA	20.76	22.20	0.014	**0.020**	0.006	**0.008**	0.13
0	Body	LTE B41	41490	2680	1RB-Low	Bottom	10mm	FIG I.57	15.00	15.70	0.101	**0.119**	0.045	**0.053**	0.18
0	Body	LTE B41	41490	2680	1RB-Low	Bottom	10mm	ULCA	14.96	15.70	0.093	**0.110**	0.038	**0.045**	0.14
0	Body	LTE B41	41490	2680	1RB-Low	Rear	15mm	FIG I.58	20.01	20.70	0.082	**0.096**	0.041	**0.048**	0.16
0	Body	LTE B41	41490	2680	1RB-Low	Rear	15mm	ULCA	20.00	20.70	0.076	**0.089**	0.037	**0.043**	0.02
5	Head	LTE B41	40620	2593	50RB-High	Tilt Left	0mm	FIG I.60	18.08	18.70	0.393	**0.453**	0.182	**0.210**	-0.15
5	Head	LTE B41	41490	2680	1RB-Low	Tilt Left	0mm	ULCA	17.43	18.70	0.322	**0.431**	0.147	**0.197**	0.16
5	Body	LTE B41	41055	2636.5	1RB-Low	Top	10mm	FIG I.61	15.15	15.70	0.065	**0.074**	0.030	**0.034**	0.11
5	Body	LTE B41	41490	2680	1RB-Low	Top	10mm	ULCA	14.48	15.70	0.051	**0.068**	0.021	**0.028**	0.05
5	Body	LTE B41	41055	2636.5	1RB-Low	Front	15mm	FIG I.62	20.06	20.70	0.036	**0.042**	0.018	**0.021**	0.09
5	Body	LTE B41	41490	2680	1RB-Low	Front	15mm	ULCA	19.40	20.70	0.031	**0.042**	0.015	**0.020**	-0.02

ANT	RF Exposure Conditions	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
0	Head	N7	513500	2567.5	DFT-QPSK	Cheek Left	0mm	FIG I.62	23.11	24.30	0.228	**0.300**	0.125	**0.164**	-0.15
0	Body	N7	513500	2567.5	DFT-QPSK	Bottom	10mm	FIG I.63	17.97	19.30	0.448	**0.609**	0.204	**0.277**	0.10
0	Body	N7	513500	2567.5	DFT-QPSK	Rear	15mm	FIG I.64	20.02	21.30	0.160	**0.215**	0.083	**0.111**	-0.05
2	Head	N7	513500	2567.5	DFT-QPSK	Tilt Right	0mm	FIG I.65	16.12	17.30	0.828	**1.087**	0.293	**0.384**	-0.01
2	Body	N7	513500	2567.5	DFT-QPSK	Top	10mm	FIG I.66	13.12	13.80	0.111	**0.130**	0.047	**0.055**	0.09
2	Body	N7	513500	2567.5	DFT-QPSK	Rear	15mm	FIG I.67	17.79	18.80	0.181	**0.228**	0.084	**0.106**	0.14
4	Head	N38	516000	2580	DFT-QPSK	Cheek Right	0mm	FIG I.68	16.21	17.50	0.356	**0.479**	0.173	**0.233**	0.14
4	Body	N38	516000	2580	DFT-QPSK	Left	10mm	FIG I.69	15.27	16.50	0.118	**0.157**	0.060	**0.079**	-0.12
4	Body	N38	516000	2580	DFT-QPSK	Rear	15mm	FIG I.70	20.18	21.50	0.119	**0.161**	0.065	**0.088**	-0.06
2	Head	N38	516000	2580	DFT-QPSK	Tilt Right	0mm	FIG I.71	14.85	16.00	0.652	**0.850**	0.230	**0.300**	-0.12
2	Body	N38	519000	2595	DFT-QPSK	Top	10mm	FIG I.72	12.35	13.50	0.112	**0.146**	0.047	**0.061**	-0.09
2	Body	N38	516000	2580	DFT-QPSK	Rear	15mm	FIG I.73	17.20	18.50	0.109	**0.147**	0.053	**0.071**	0.08
0	Head	N38	522000	2610	DFT-QPSK	Cheek Left	0mm	FIG I.74	21.78	23.00	0.146	**0.193**	0.076	**0.101**	-0.14
0	Body	N38	516000	2580	DFT-QPSK	Bottom	10mm	FIG I.75	18.22	19.50	0.410	**0.551**	0.196	**0.263**	0.13
0	Body	N38	516000	2580	DFT-QPSK	Rear	15mm	FIG I.76	20.10	21.50	0.190	**0.262**	0.099	**0.137**	-0.03
5	Head	N38	516000	2580	DFT-QPSK	Cheek Left	0mm	FIG I.77	16.54	18.00	0.585	**0.819**	0.269	**0.376**	0.04
5	Body	N38	516000	2580	DFT-QPSK	Top	10mm	FIG I.78	15.41	16.50	0.123	**0.158**	0.060	**0.077**	0.14
5	Body	N38	516000	2580	DFT-QPSK	Rear	15mm	FIG I.79	20.02	21.50	0.176	**0.247**	0.095	**0.133**	-0.10
4	Head	N41	509898	2549.49	DFT-QPSK	Cheek Right	0mm	FIG I.80	16.31	17.50	0.487	**0.641**	0.240	**0.316**	-0.16
4	Body	N41	535998	2679.99	DFT-QPSK	Left	10mm	FIG I.81	15.60	16.50	0.124	**0.153**	0.064	**0.079**	0.03
4	Body	N41	535998	2679.99	DFT-QPSK	Rear	15mm	FIG I.82	20.31	21.50	0.208	**0.274**	0.102	**0.134**	0.07
2	Head	N41	518598	2592.99	DFT-QPSK	Tilt Right	0mm	FIG I.83	15.09	16.00	0.613	**0.756**	0.219	**0.270**	0.02
2	Body	N41	527298	2636.49	DFT-QPSK	Top	10mm	FIG I.84	12.57	13.50	0.122	**0.151**	0.052	**0.064**	0.15
2	Body	N41	527298	2636.49	DFT-QPSK	Rear	15mm	FIG I.85	17.48	18.50	0.123	**0.156**	0.054	**0.068**	0.03
0	Head	N41	509898	2549.49	DFT-QPSK	Cheek Left	0mm	FIG I.86	21.76	23.00	0.135	**0.180**	0.076	**0.101**	-0.13
0	Body	N41	509898	2549.49	DFT-QPSK	Bottom	10mm	FIG I.87	18.61	19.50	0.429	**0.527**	0.199	**0.244**	-0.14
0	Body	N41	509898	2549.49	DFT-QPSK	Rear	15mm	FIG I.88	20.43	21.50	0.197	**0.252**	0.101	**0.129**	0.16
5	Head	N41	501204	2506.02	DFT-QPSK	Cheek Left	0mm	FIG I.89	16.64	18.00	0.525	**0.718**	0.245	**0.335**	0.16
5	Body	N41	518598	2592.99	DFT-QPSK	Top	10mm	FIG I.90	15.85	16.50	0.145	**0.168**	0.067	**0.078**	0.18
5	Body	N41	501204	2506.02	DFT-QPSK	Rear	15mm	FIG I.91	20.04	21.50	0.160	**0.224**	0.081	**0.113**	-0.16
8	Head	N78	633334	3500.01	DFT-QPSK	Tilt Left	0mm	FIG I.92	15.82	16.50	0.419	**0.490**	0.137	**0.160**	0.09
8	Body	N78	633334	3500.01	DFT-QPSK	Top	10mm	FIG I.93	11.86	12.50	0.105	**0.122**	0.042	**0.049**	0.13
8	Body	N78	633334	3500.01	DFT-QPSK	Rear	15mm	FIG I.94	16.45	17.50	0.102	**0.130**	0.045	**0.057**	0.04
10	Head	N78	633334	3500.01	DFT-QPSK	Cheek Right	0mm	FIG I.95	18.92	20.50	0.332	**0.478**	0.121	**0.174**	0.09
10	Body	N78	633334	3500.01	DFT-QPSK	Left	10mm	FIG I.96	15.24	16.50	0.051	**0.068**	0.022	**0.029**	0.18
10	Body	N78	630668	3460.02	DFT-QPSK	Rear	15mm	FIG I.97	19.70	21.50	0.058	**0.088**	0.025	**0.038**	-0.18
7	Head	N78	630668	3460.02	DFT-QPSK	Cheek Left	0mm	FIG I.98	16.81	18.00	0.489	**0.643**	0.159	**0.209**	-0.11
7	Body	N78	630668	3460.02	DFT-QPSK	Right	10mm	FIG I.99	13.65	14.50	0.185	**0.225**	0.070	**0.085**	-0.03
7	Body	N78	630668	3460.02	DFT-QPSK	Rear	15mm	FIG I.100	18.25	19.50	0.184	**0.245**	0.082	**0.109**	-0.10
2	Head	N78	630668	3460.02	DFT-QPSK	Tilt Right	0mm	FIG I.101	16.03	17.50	0.576	**0.808**	0.195	**0.274**	0.13
2	Body	N78	633334	3500.01	DFT-QPSK	Top	10mm	FIG I.102	14.61	15.50	0.144	**0.177**	0.058	**0.071**	0.09
2	Body	N78	633334	3500.01	DFT-QPSK	Rear	15mm	FIG I.103	19.24	20.50	0.171	**0.229**	0.079	**0.106**	-0.12

ANT	Test Position	Phantom position L/RIF	Frequency Band	Channel Number	Frequency (MHz)	Mode/RB	Test setup	Distance	Figure No.	Duty Cycle	EUT Measured Power (dBm)	Tune up (dBm)	Measured SAR 1g (W/kg)	Calculated SAR 1g (W/kg)	Measured SAR 10g (W/kg)	Calculated SAR 10g (W/kg)	Power Drift
9	Cheek	L	WLAN2.4G	1	2412	11b	Cheek Left	0mm	FIG I.104	100.00%	14.30	15.00	0.123	**0.145**	0.053	**0.063**	0.17
9	Body	F	WLAN2.4G	1	2412	11b	Rear	15mm	FIG I.105	100.00%	18.64	19.50	0.111	**0.135**	0.056	**0.068**	0.15
9	Body	F	WLAN2.4G	1	2412	11b	Right	10mm	FIG I.106	100.00%	16.95	18.00	0.210	**0.267**	0.093	**0.118**	0.01
6	Tilt	L	WLAN5G	155	5775	11ac-80M	Tilt Left	0mm	FIG I.107	99.12%	10.72	11.00	0.196	**0.211**	0.058	**0.062**	0.13
6	Body	F	WLAN5G	155	5775	11ac-80M	Rear	15mm	FIG I.108	99.12%	15.83	17.00	0.096	**0.127**	0.039	**0.050**	0.09
6	Body	F	WLAN5G	122	5610	11ac-80M	Top	10mm	FIG I.109	99.12%	13.23	14.00	0.288	**0.347**	0.104	**0.124**	0.12
9	Cheek	L	BT	39	2441	GFSM	Cheek Left	0mm	FIG I.110	77.62%	13.00	14.50	0.109	**0.154**	0.045	**0.064**	-0.17
9	Body	F	BT	39	2441	GFSM	Rear	10mm	FIG I.111	77.62%	13.00	14.50	0.095	**0.134**	0.044	**0.062**	0.110

I.3.2 Reported SAR Comparison

Table I.3.3-1: Highest Reported SAR (1g)

Mode		Antenna	Highest Reported SAR (1g)	
			1g SAR Head Original	1g SAR Head Spot check
GSM	GSM 850	ANT1	0.20	0.19
	PCS 1900	ANT0	0.11	0.10
	PCS 1900	ANT2	0.75	0.88
WCDMA	UMTS FDD 5	ANT1	0.27	0.23
LTE	LTE Band 7	ANT0	0.24	0.29
	LTE Band 7	ANT2	1.10	0.83
	LTE Band 38	ANT4	0.76	0.63
	LTE Band 38	ANT2	0.91	0.86
	LTE Band 38	ANT0	0.05	0.05
	LTE Band 38	ANT5	0.41	0.44
	LTE Band 41	ANT4	0.76	0.64
	LTE Band 41	ANT2	0.91	0.96
	LTE Band 41	ANT0	0.08	0.02
	LTE Band 41	ANT5	0.41	0.45
NR	N7	ANT0	0.19	0.30
	N7	ANT2	1.06	1.09
	N38	ANT4	0.59	0.48
	N38	ANT2	0.79	0.85
	N38	ANT0	0.13	0.19
	N38	ANT5	0.95	0.82
	N41	ANT4	0.55	0.64
	N41	ANT2	0.73	0.76
	N41	ANT0	0.17	0.18
	N41	ANT5	0.85	0.72
	N78	ANT8	0.53	0.49
	N78	ANT10	0.54	0.48
	N78	ANT7	0.56	0.64
	N78	ANT2	0.95	0.81
WLAN 2.4 GHz		ANT9	0.22	0.15
WLAN 5 GHz		ANT6	0.33	0.21
BT		ANT9	0.14	0.15

Mode		Antenna	Highest Reported SAR (1g)	
			1g SAR Hotspot Original	1g SAR Hotspot Spot check
GSM	GSM 850	ANT1	0.15	0.06
	PCS 1900	ANT0	0.46	0.47
	PCS 1900	ANT2	0.20	0.26
WCDMA	UMTS FDD 5	ANT1	0.36	0.35
	LTE Band 7	ANT0	0.62	0.68
	LTE Band 7	ANT2	0.17	0.14
	LTE Band 38	ANT4	0.17	0.15
	LTE Band 38	ANT2	0.21	0.18
	LTE Band 38	ANT0	0.12	0.14
	LTE Band 38	ANT5	0.05	0.07
	LTE Band 41	ANT4	0.17	0.18
	LTE Band 41	ANT2	0.11	0.15
	LTE Band 41	ANT0	0.11	0.12
	LTE Band 41	ANT5	0.06	0.07
NR	N7	ANT0	0.58	0.61
	N7	ANT2	0.15	0.13
	N38	ANT4	0.18	0.16
	N38	ANT2	0.18	0.15
	N38	ANT0	0.55	0.55
	N38	ANT5	0.23	0.16
	N41	ANT4	0.15	0.15
	N41	ANT2	0.18	0.15
	N41	ANT0	0.56	0.53
	N41	ANT5	0.21	0.17
	N78	ANT8	0.10	0.12
	N78	ANT10	0.11	0.07
	N78	ANT7	0.18	0.23
	N78	ANT2	0.17	0.18
WLAN 2.4 GHz		ANT9	0.23	0.27
WLAN 5 GHz		ANT6	0.30	0.35
BT		ANT9	0.06	0.13

Mode		Antenna	Highest Reported SAR (1g)	
			1g SAR Body-worn Original	1g SAR Body-worn Spot check
GSM	GSM 850	ANT1	0.15	0.06
	PCS 1900	ANT0	0.22	0.17
	PCS 1900	ANT2	0.18	0.20
WCDMA	UMTS FDD 5	ANT1	0.36	0.19
LTE	LTE Band 7	ANT0	0.36	0.30
	LTE Band 7	ANT2	0.34	0.17
	LTE Band 38	ANT4	0.23	0.20
	LTE Band 38	ANT2	0.26	0.18
	LTE Band 38	ANT0	0.06	0.14
	LTE Band 38	ANT5	0.08	0.08
	LTE Band 41	ANT4	0.19	0.12
	LTE Band 41	ANT2	0.19	0.16
	LTE Band 41	ANT0	0.09	0.10
	LTE Band 41	ANT5	0.05	0.04
NR	N7	ANT0	0.26	0.22
	N7	ANT2	0.23	0.23
	N38	ANT4	0.23	0.16
	N38	ANT2	0.21	0.15
	N38	ANT0	0.18	0.26
	N38	ANT5	0.24	0.25
	N41	ANT4	0.26	0.27
	N41	ANT2	0.16	0.16
	N41	ANT0	0.22	0.25
	N41	ANT5	0.28	0.22
	N78	ANT8	0.17	0.13
	N78	ANT10	0.13	0.09
	N78	ANT7	0.22	0.25
	N78	ANT2	0.18	0.23
WLAN 2.4 GHz		ANT9	0.14	0.14
WLAN 5 GHz		ANT6	0.21	0.13
BT		ANT9	0.06	0.13

Note: The spot check results marked by blue are larger than the original result. So they replace the original result and others are shared.

I.4 Evaluation of Simultaneous

Test Postition / SAR 1g/10g(W/kg)		ANT1	ANT0	ANT2	ANT1	ANT0	ANT2	ANT0	ANT2	ANT0	ANT2	ANT1	ANT0	ANT2	ANT4	ANT2	ANT0	ANT5	ANT4	ANT2	ANT0	ANT5	MAX. SAR 1g
		GSM850	GSM1900	GSM1900	WCDMA850	WCDMA1900	WCDMA1900	LTE B2	LTE B2	LTE B4	LTE B4	LTE B5	LTE B7	LTE B7	LTE B38	LTE B38	LTE B38	LTE B38	LTE B41	LTE B41	LTE B41	LTE B41	
Head	Left Cheek	0.147	0.105	0.414	0.266	0.170	0.567	0.216	0.299	0.114	0.498	0.224	0.289	0.510	0.196	0.410	0.051	0.383	0.190	0.426	0.077	0.378	0.567
	Left Tilt	0.099	0.044	0.505	0.134	0.074	0.713	0.139	0.340	0.070	0.449	0.129	0.064	0.691	0.231	0.575	<0.01	0.436	0.201	0.553	<0.01	0.450	0.713
	Right Cheek	0.199	0.063	0.539	0.240	0.108	0.681	0.166	0.590	0.160	0.556	0.213	0.090	0.906	0.761	0.654	<0.01	0.152	0.761	0.659	<0.01	0.187	0.906
	Right Tilt	0.171	0.033	0.879	0.171	0.191	0.988	0.069	0.627	0.045	0.621	0.150	0.080	1.099	0.575	0.907	<0.01	0.177	0.389	0.960	<0.01	0.260	1.099
Body 10mm	Front	0.139	0.210	0.078	0.335	0.331	0.103	0.263	0.065	0.237	0.103	0.308	0.267	0.072	0.098	0.083	0.043	0.035	0.106	0.048	0.059	0.039	0.335
	Rear	0.151	0.295	0.101	0.364	0.443	0.141	0.374	0.140	0.353	0.118	0.338	0.450	0.104	0.113	0.131	0.074	0.027	0.107	0.068	0.061	0.034	0.450
	Left	/	0.104	0.020		0.189	0.074	0.159	0.057	0.145	0.081	/	0.088	0.056	0.173	0.042	0.034		0.177	0.039	0.041	0.033	0.189
	Right	0.048	/	/	0.217	/	/	/	/	/	/	0.213	/	/	/	/	/	0.026	/	/	/	/	0.217
	Bottom	0.062	0.468	/	0.194	0.733	/	0.586		0.497	/	0.194	0.675	/	/	/	0.139	/	/	/	0.119	/	0.733
	Top	/	/	0.255	/	/	0.341	/	0.235	/	0.230	/	/	0.168	0.116	0.205		0.065	0.088	0.149	/	0.074	0.341
Body 15mm	Front	0.139	0.150	0.117	0.335	0.310	0.173	0.222	0.238	0.140	0.226	0.308	0.231	0.254	0.211	0.188	0.043	0.072	0.188	0.107	0.056	0.049	0.335
	Rear	0.151	0.220	0.200	0.364	0.404	0.518	0.323	0.395	0.176	0.284	0.338	0.356	0.343	0.232	0.264	0.137	0.080	0.184	0.186	0.096	0.046	0.518
Body 0mm	Top	/	/	1.350	/	/	2.384	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	2.384

Test Postition / SAR 1g/10g(W/kg)		1	2	3	4
		WWAN	WIFI2.4 ANT9	WIFI5 ANT6	BT ANT9
Head	Left Cheek	0.567	0.224	0.309	0.154
	Left Tilt	0.713	0.101	0.330	0.062
	Right Cheek	0.906	0.054	0.159	0.071
	Right Tilt	1.099	0.048	0.221	0.056
Body 10mm	Front	0.335	0.097	0.084	0.035
	Rear	0.450	0.228	0.197	0.134
	Left	0.189	/	/	/
	Right	0.217	0.267	0.070	0.053
	Bottom	0.733	/	/	/
	Top	0.341	/	0.347	/
Body 15mm	Front	0.335	0.085	0.161	0.035
	Rear	0.518	0.141	0.207	0.134
Body 0mm	Top	2.384	/	1.304	/

Test Postition / SAR 1g/10g(W/kg)		simultaneous transmission			
		1+2	1+3	1+4	1+3+4
Head	Left Cheek	0.791	0.876	0.721	1.030
	Left Tilt	0.814	1.043	0.775	1.105
	Right Cheek	0.960	1.065	0.977	1.136
	Right Tilt	1.147	1.320	1.155	1.376
Body 10mm	Front	0.432	0.419	0.370	0.454
	Rear	0.678	0.646	0.584	0.780
	Left	0.189	0.189	0.189	0.189
	Right	0.484	0.287	0.270	0.340
	Bottom	0.733	0.733	0.733	0.733
	Top	0.341	0.688	0.341	0.688
Body 15mm	Front	0.420	0.496	0.370	0.531
	Rear	0.659	0.725	0.652	0.859
Body 0mm	Top	2.384	3.688	2.384	3.688

Test Postition / SAR 1g/10g(W/kg)		ANT0	ANT2	ANT4	ANT2	ANT0	ANT5	ANT4	ANT2	ANT0	ANT5	ANT8	ANT10	ANT7	ANT2	MAX. SAR 1g
		N7	N7	N38	N38	N38	N38	n41	n41	n41	n41	n77	n77	n77	n77	
Head	Left Cheek	0.300	0.291	0.147	0.239	0.193	0.950	0.263	0.298	0.180	0.852	0.347	0.150	0.643	0.515	0.950
	Left Tilt	0.044	0.416	0.139	0.350	0.042	0.835	0.164	0.413	0.062	0.772	0.527	0.114	0.154	0.668	0.835
	Right Cheek	0.093	0.723	0.591	0.421	0.064	0.401	0.641	0.560	0.084	0.342	0.256	0.542	0.091	0.744	0.744
	Right Tilt	0.074	1.087	0.417	0.850	0.061	0.485	0.506	0.756	0.084	0.342	0.398	0.278	0.057	0.951	1.087
Body 10mm	Front	0.181	0.076	0.104	0.063	0.167	0.116	0.077	0.061	0.181	0.110	0.023	0.047	0.042	0.068	0.181
	Rear	0.273	0.107	0.131	0.108	0.249	0.115	0.094	0.102	0.242	0.117	0.064	0.055	0.084	0.108	0.273
	Left	0.109	0.075	0.182	0.050	0.092	/	0.153	0.053	0.089	/	/	0.110	/	0.025	0.182
	Right	/	/	/	/	/	0.078	/	/	/	0.074	/	/	0.225	/	0.225
	Bottom	/	/	/	/	0.552	/	/	/	0.557	/	/	/	/	/	0.609
	Top		0.153	0.139	0.176		0.227	0.094	0.182		0.213	0.122	/	0.030	0.177	0.227
Body 15mm	Front	0.168	0.145	0.179	0.122	0.114	0.215	0.200	0.095	0.145	0.261	0.075	0.098	0.085	0.116	0.261
	Rear	0.256	0.231	0.225	0.205	0.262	0.247	0.274	0.162	0.252	0.277	0.171	0.133	0.245	0.229	0.277

Test Postition / SAR 1g/10g(W/kg)		1	2	3	4
		WWAN	WIFI2.4 ANT9	WIFI5 ANT6	BT ANT9
Head	Left Cheek	0.950	0.224	0.309	0.154
	Left Tilt	0.835	0.101	0.330	0.062
	Right Cheek	0.744	0.054	0.159	0.071
	Right Tilt	1.087	0.048	0.221	0.056
Body 10mm	Front	0.181	0.097	0.084	0.035
	Rear	0.273	0.228	0.197	0.134
	Left	0.182	/	/	/
	Right	0.225	0.267	0.070	0.053
	Bottom	0.609	/	/	/
	Top	0.227	/	0.347	/
Body 15mm	Front	0.261	0.085	0.161	0.035
	Rear	0.277	0.141	0.207	0.134

Test Postition / SAR 1g/10g(W/kg)		simultaneous transmission			
		1+2	1+3	1+4	1+3+4
Head	Left Cheek	1.174	1.259	1.104	1.413
	Left Tilt	0.936	1.165	0.897	1.227
	Right Cheek	0.798	0.903	0.815	0.974
	Right Tilt	1.135	1.308	1.143	1.364
Body 10mm	Front	0.278	0.266	0.216	0.301
	Rear	0.501	0.469	0.407	0.603
	Left	0.182	0.182	0.182	0.182
	Right	0.492	0.295	0.278	0.348
	Bottom	0.609	0.609	0.609	0.609
	Top	0.227	0.574	0.227	0.574
Body 15mm	Front	0.346	0.422	0.296	0.457
	Rear	0.418	0.484	0.411	0.618

I.5 List of Main Instruments

Table I.4-1: List of Main Instruments

No.	Name	Type	Serial Number	Calibration Date	Valid Period
01	Network analyzer	E5071C	MY46110673	January 4, 2022	One year
02	Power sensor	NRP110T	101139	January 13, 2022	One year
03	Power sensor	NRP110T	101159		
04	Signal Generator	E4438C	MY49071430	January 13, 2022	One Year
05	Amplifier	60S1G4	0331848	No Calibration Requested	
06	BTS	CMW500	159890	January 24, 2022	One year
07	BTS	CMW500	129942	February 14 2022	One year
08	DAE	SPEAG DAE4	1331	September 15,2022	One year
09	E-field Probe	SPEAG EX3DV4	7548	August 01,2022	One year
10	DAE	SPEAG DAE4	1588	September 15,2022	One year
11	E-field Probe	SPEAG EX3DV4	3617	March 11, 2022	One year
12	DAE	SPEAG DAE4	1556	January 12,2022	One year
13	E-field Probe	SPEAG EX3DV4	7464	January 26,2022	One year
14	Dipole Validation Kit	SPEAG D835V2	4d069	July 20,2022	One year
15	Dipole Validation Kit	SPEAG D1750V2	1003	July 18,2022	One year
16	Dipole Validation Kit	SPEAG D1900V2	5d101	July 26,2022	One year
17	Dipole Validation Kit	SPEAG D2450V2	853	July 20,2022	One year
18	Dipole Validation Kit	SPEAG D2600V2	1012	July 20,2022	One year
19	Dipole Validation Kit	SPEAG D3500V2	1016	July 01,2022	One year
21	Dipole Validation Kit	SPEAG D5GHzV2	1262	January 27,2022	One year

I.6 GRAPH RESULTS

WCDMA1900 Head ANT0

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.427 S/m; ε r = 41.02; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1852.4 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

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

Maximum value of SAR (interpolated) = 0.206 W/kg

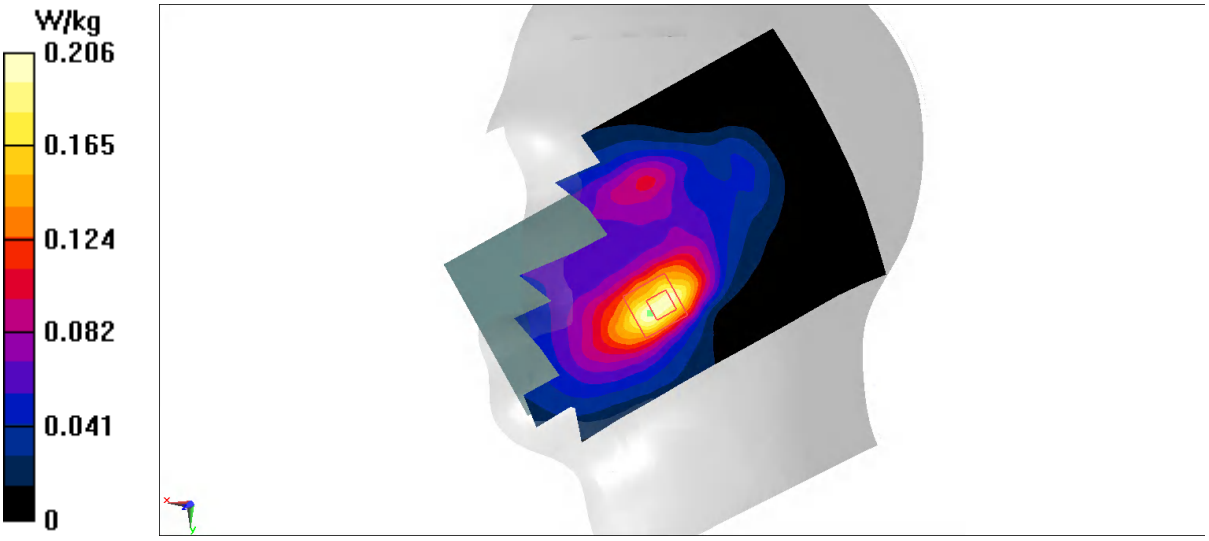
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.729 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



WCDMA1900 Body 10mm ANT0

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.467 S/m; ε_r = 40.93; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.766 W/kg

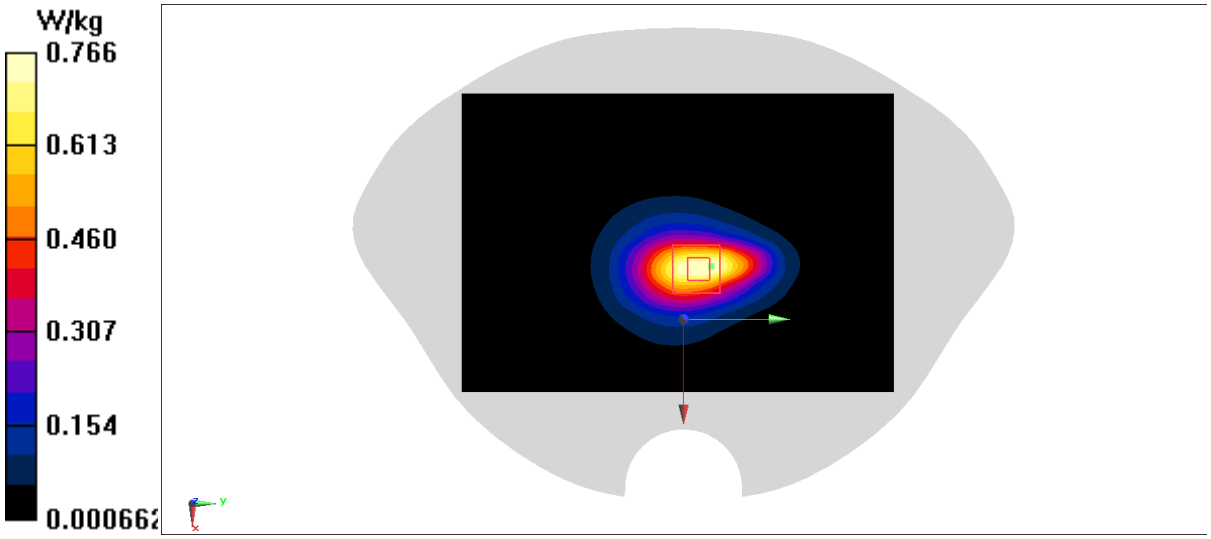
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.74 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.941 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.743 W/kg



WCDMA1900 Body 15mm ANT0

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.467 S/m; ε_r = 40.93; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.428 W/kg

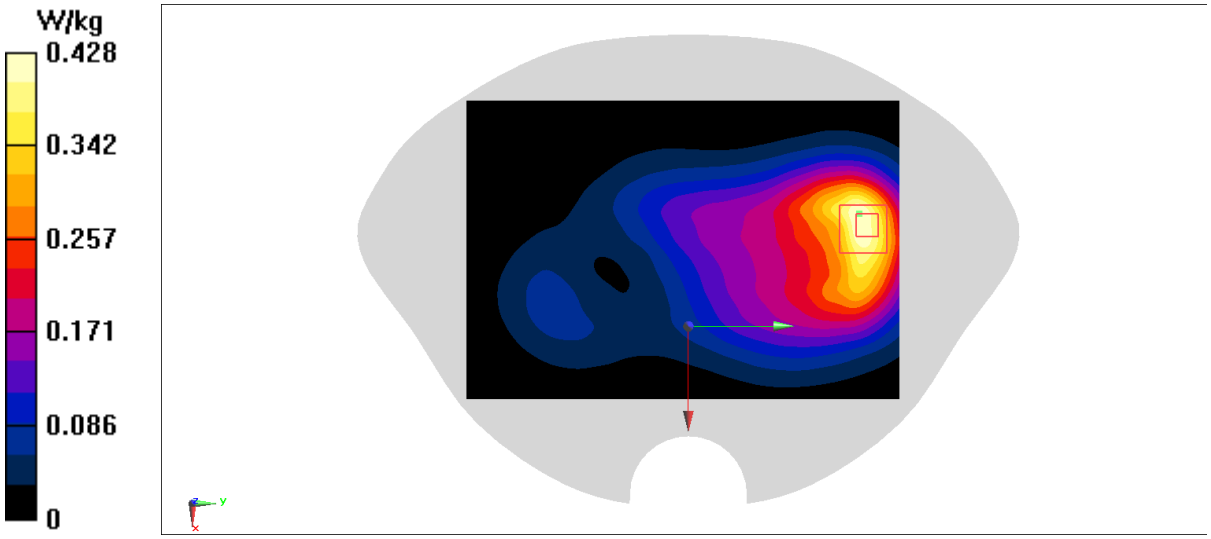
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.393 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.498 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.174 W/kg

Maximum value of SAR (measured) = 0.420 W/kg



WCDMA1900 Head ANT2

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.467 S/m; ε_r = 40.93; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

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

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

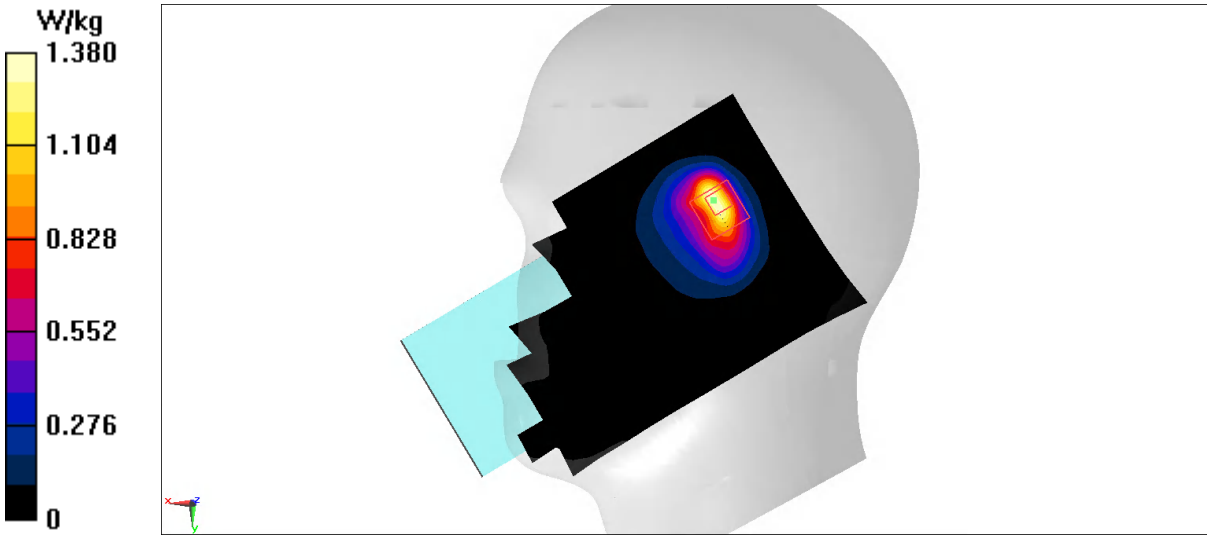
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.62 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.385 W/kg

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



WCDMA1900 Body 10mm ANT2

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.467 S/m; ε r = 40.93; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.385 W/kg

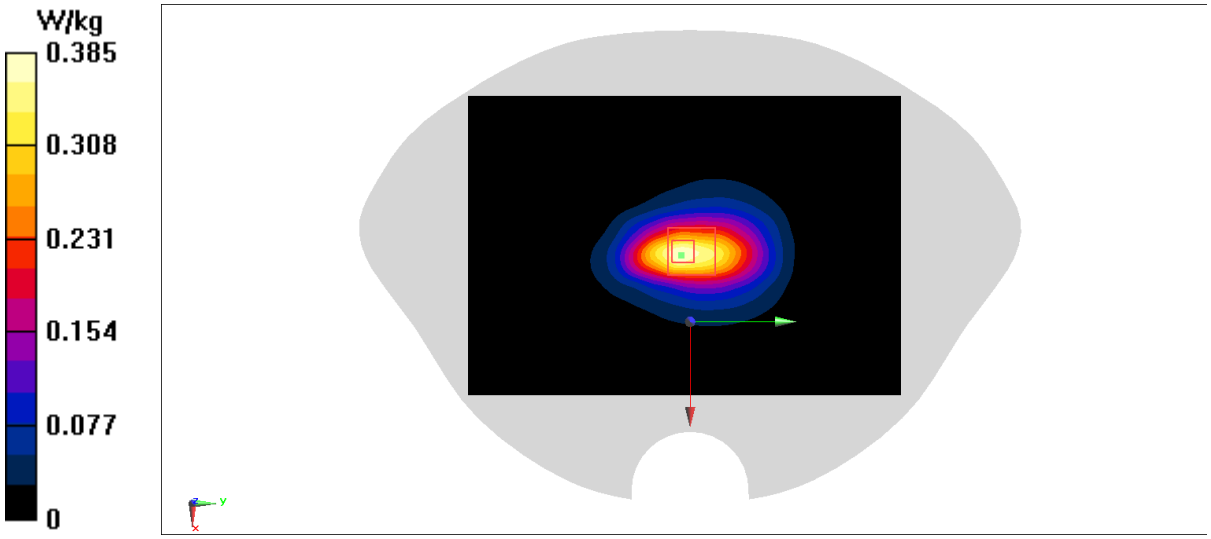
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.12 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.139 W/kg

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



WCDMA1900 Body 15mm ANT2

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.467 S/m; ε_r = 40.93; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA1900(B2) (0) Frequency: 1907.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.561 W/kg

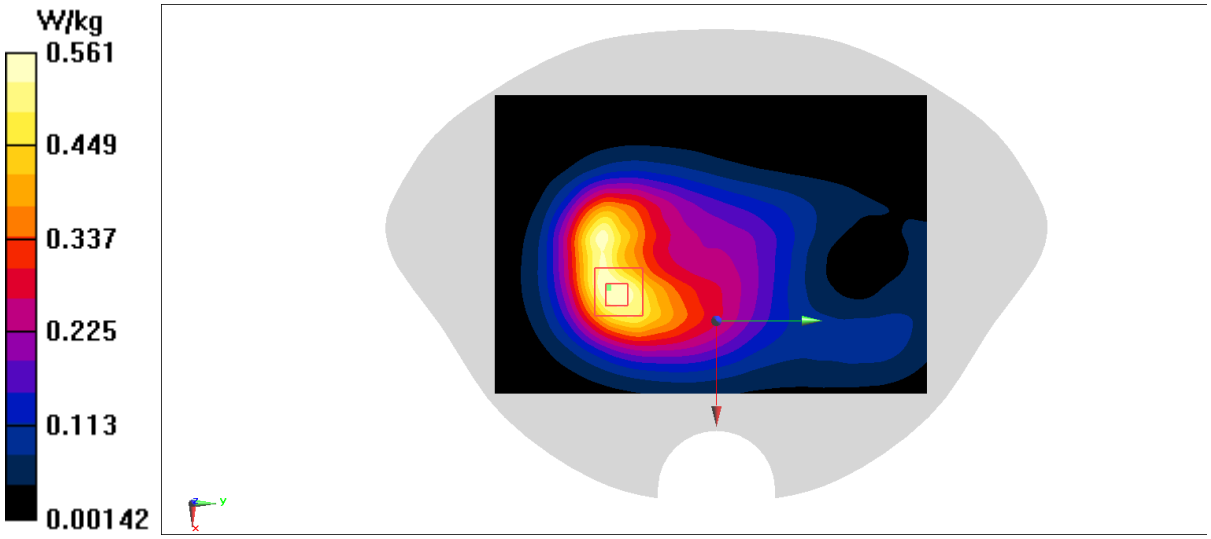
Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.67 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.550 W/kg



LTE Band2 Head ANT0

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1860 MHz; σ = 1.432 S/m; ε r = 41.01; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band2 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

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

Maximum value of SAR (interpolated) = 0.206 W/kg

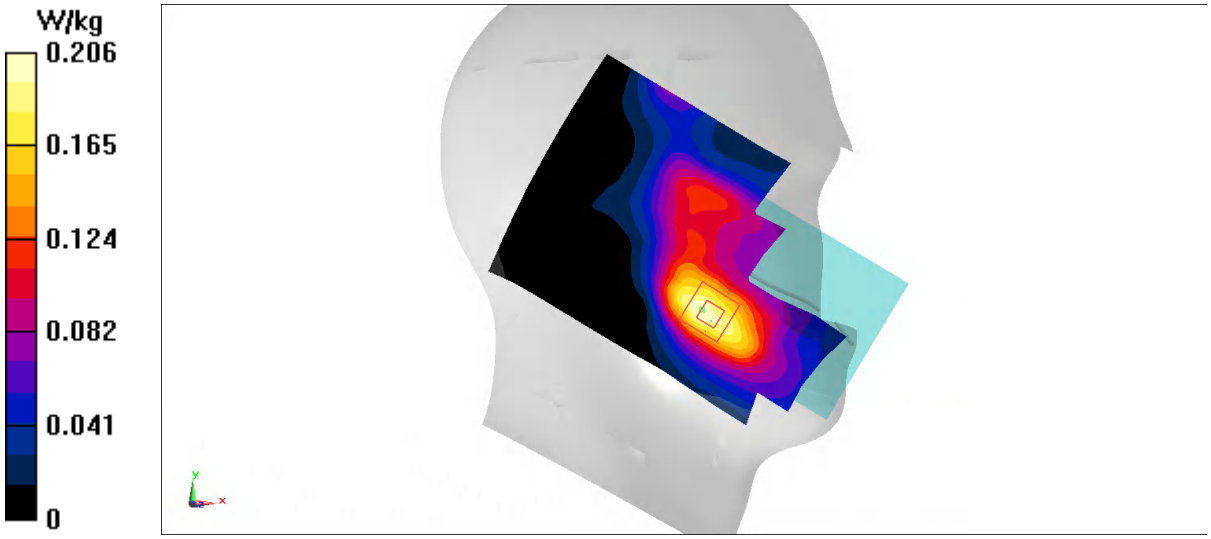
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.185 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.202 W/kg



LTE Band2 Body 10mm ANT0

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1860 MHz; σ = 1.432 S/m; ε_r = 41.01; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band2 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.628 W/kg

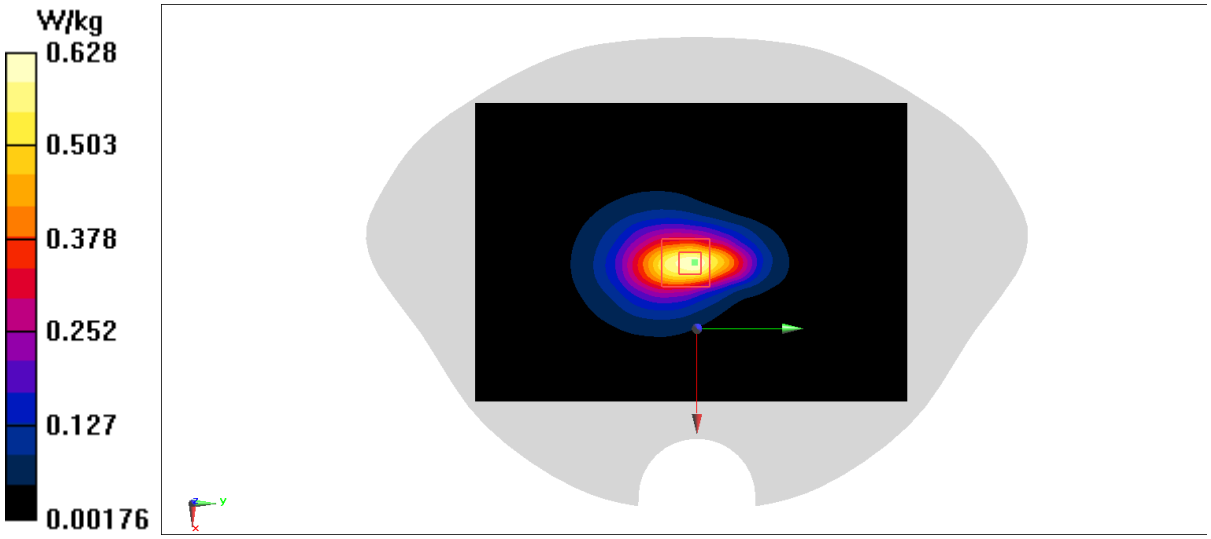
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.87 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



LTE Band2 Body 15mm ANT0

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1860 MHz; σ = 1.432 S/m; ε_r = 41.01; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band2 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.349 W/kg

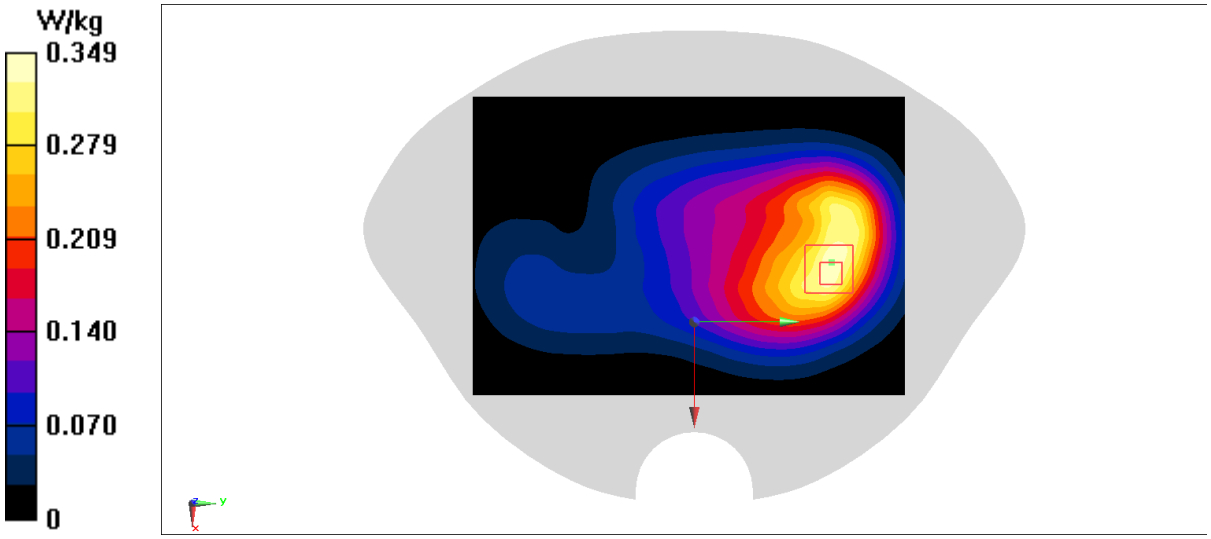
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.465 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.335 W/kg



LTE Band2 Head ANT2

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1860 MHz; σ = 1.432 S/m; ε r = 41.01; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band2 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (81x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.873 W/kg

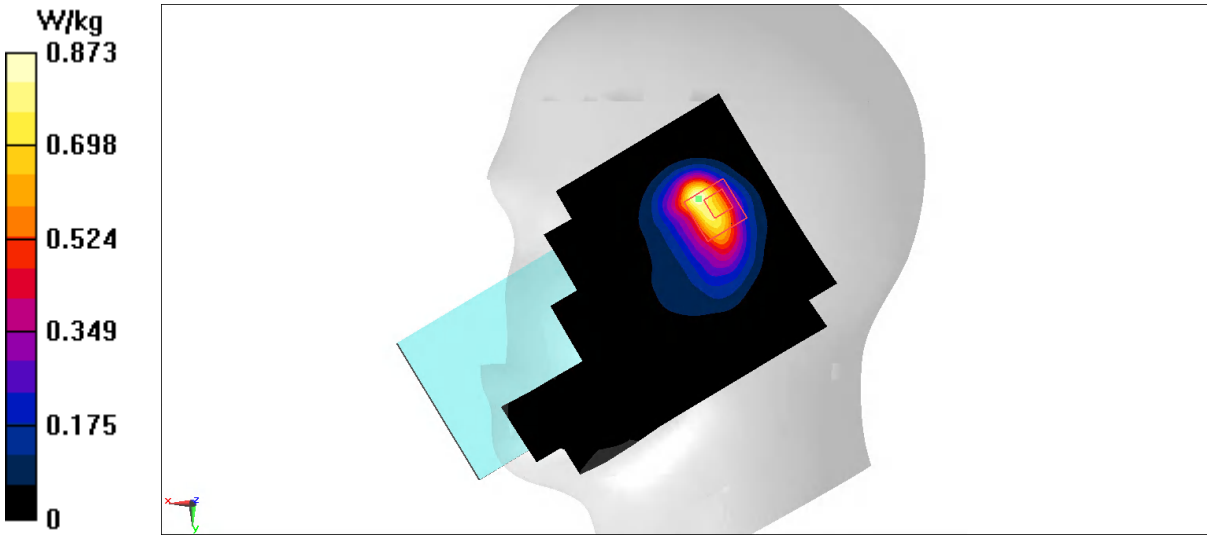
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.04 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.793 W/kg



LTE Band2 Body 10mm ANT2

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1860 MHz; σ = 1.432 S/m; ε_r = 41.01; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band2 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.295 W/kg

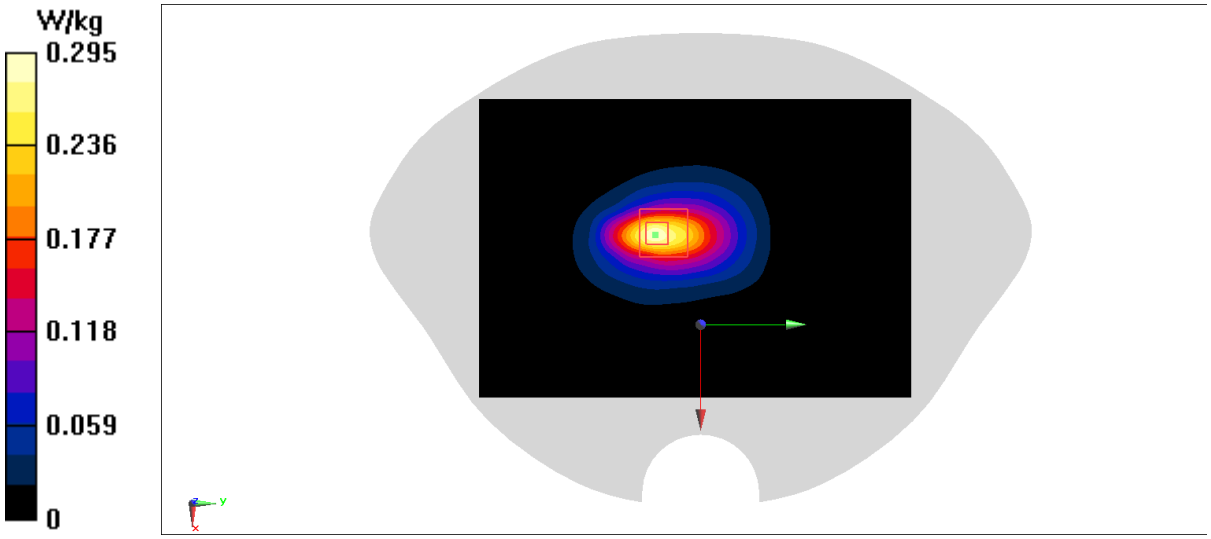
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.467 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



LTE Band2 Body 15mm ANT2

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1860 MHz; σ = 1.432 S/m; ε r = 41.01; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band2 (0) Frequency: 1860 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.437 W/kg

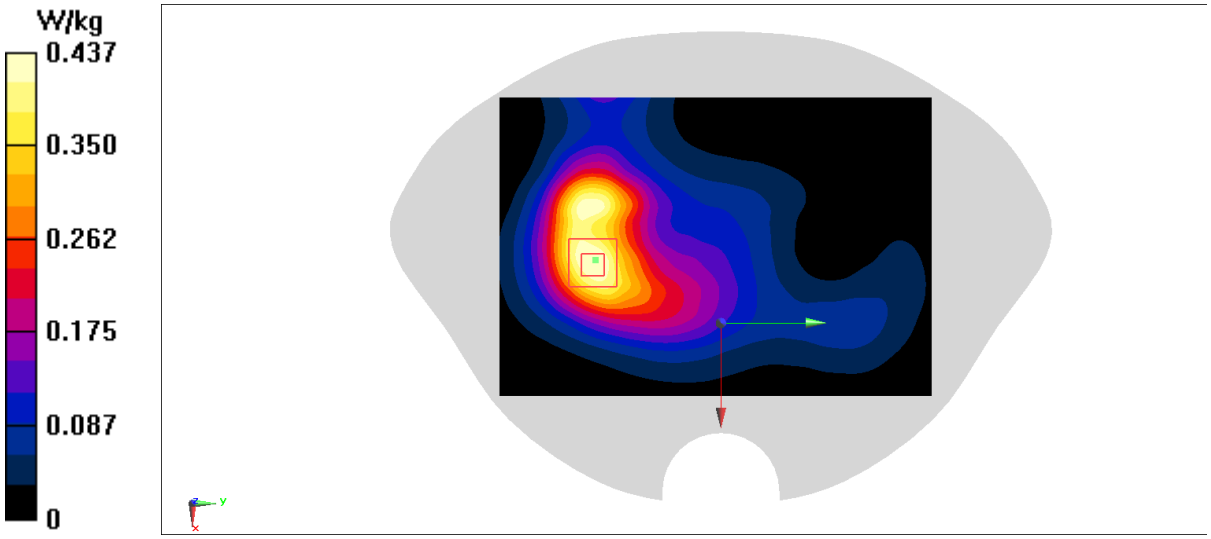
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.29 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.441 W/kg



LTE Band4 Head ANT0

Date: 11/14/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1720 MHz; σ = 1.354 S/m; ε r = 41.69; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(8.13, 8.13, 8.13)

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

Maximum value of SAR (interpolated) = 0.150 W/kg

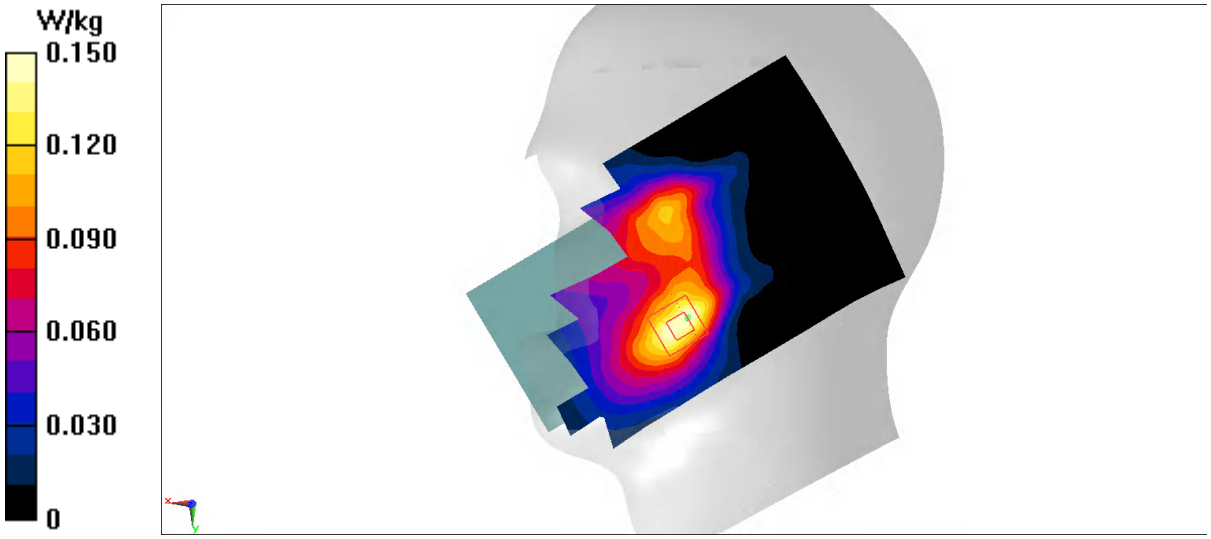
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.092 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.072 W/kg

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



LTE Band4 Body 10mm ANT0

Date: 11/14/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1720 MHz; σ = 1.354 S/m; ε r = 41.69; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(8.13, 8.13, 8.13)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.522 W/kg

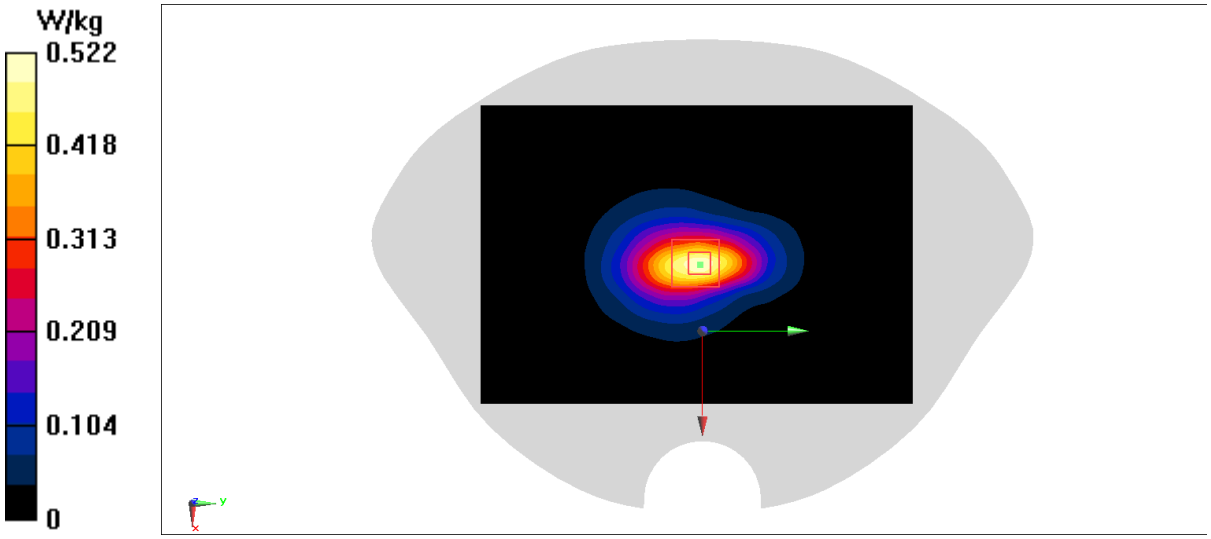
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.62 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.640 W/kg

SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.498 W/kg



LTE Band4 Body 15mm ANT0

Date: 11/14/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1720 MHz; σ = 1.354 S/m; ε r = 41.69; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(8.13, 8.13, 8.13)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

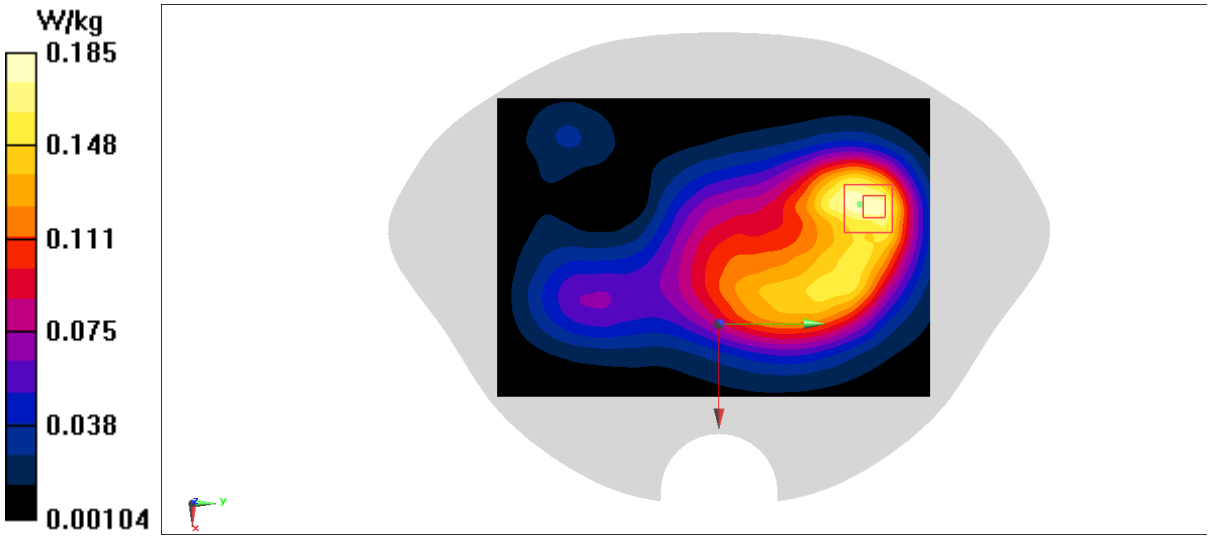
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.275 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



LTE Band4 Head ANT2

Date: 11/14/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1720 MHz; σ = 1.354 S/m; ε r = 41.69; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band4 (0) Frequency: 1720 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(8.13, 8.13, 8.13)

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

Maximum value of SAR (interpolated) = 0.811 W/kg

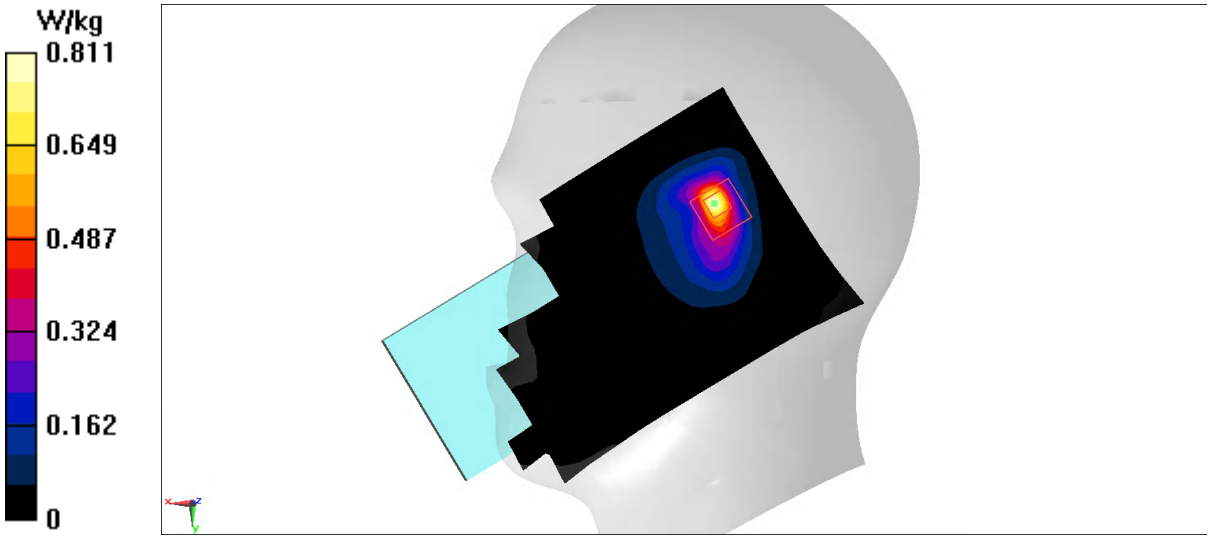
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.05 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 0.874 W/kg



LTE Band4 Body 10mm ANT2

Date: 11/14/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.357 S/m; ε_r = 41.67; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band4 (0) Frequency: 1732.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(8.13, 8.13, 8.13)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.284 W/kg

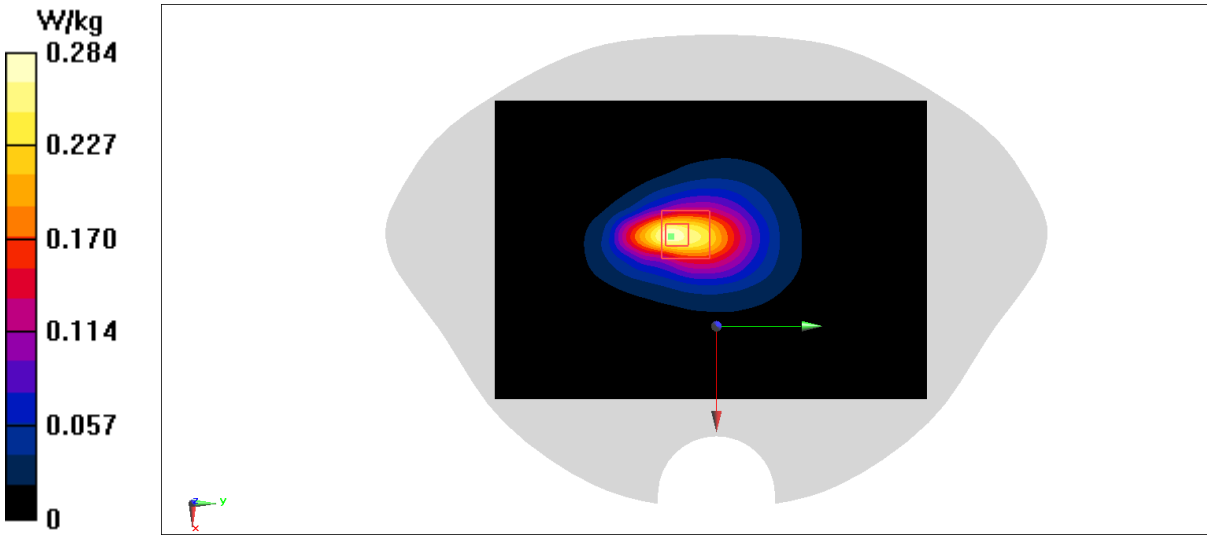
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.013 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.098 W/kg

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



LTE Band4 Body 15mm ANT2

Date: 11/14/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.357 S/m; ε_r = 41.67; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band4 (0) Frequency: 1732.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(8.13, 8.13, 8.13)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

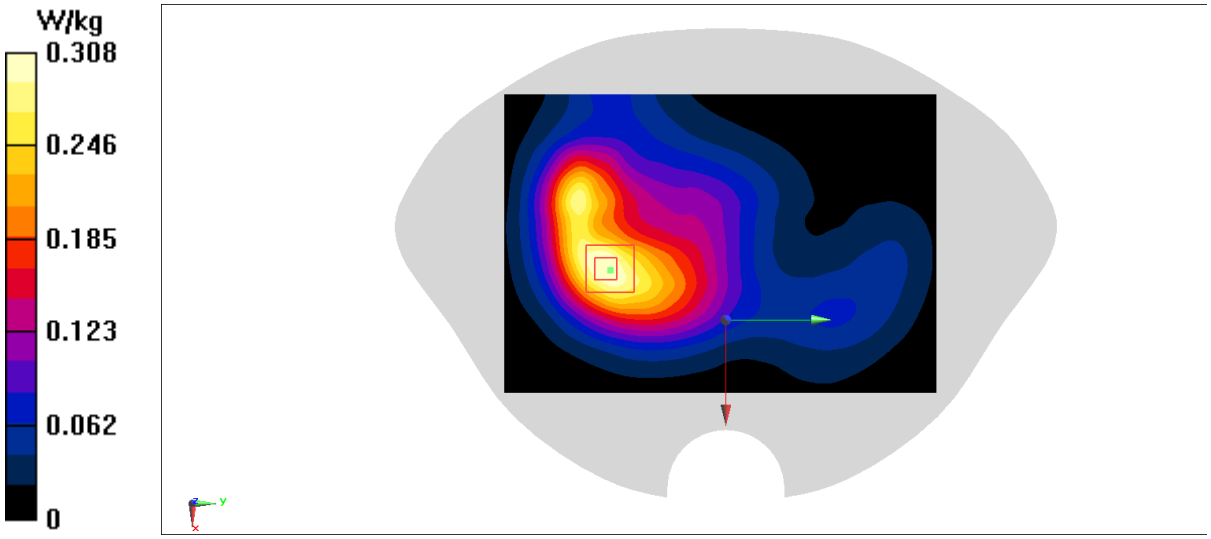
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.143 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.303 W/kg



LTE Band5 Head ANT1

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 844 MHz; σ = 0.878 S/m; εr = 42.71; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band5 (0) Frequency: 844 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3)

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

Maximum value of SAR (interpolated) = 0.215 W/kg

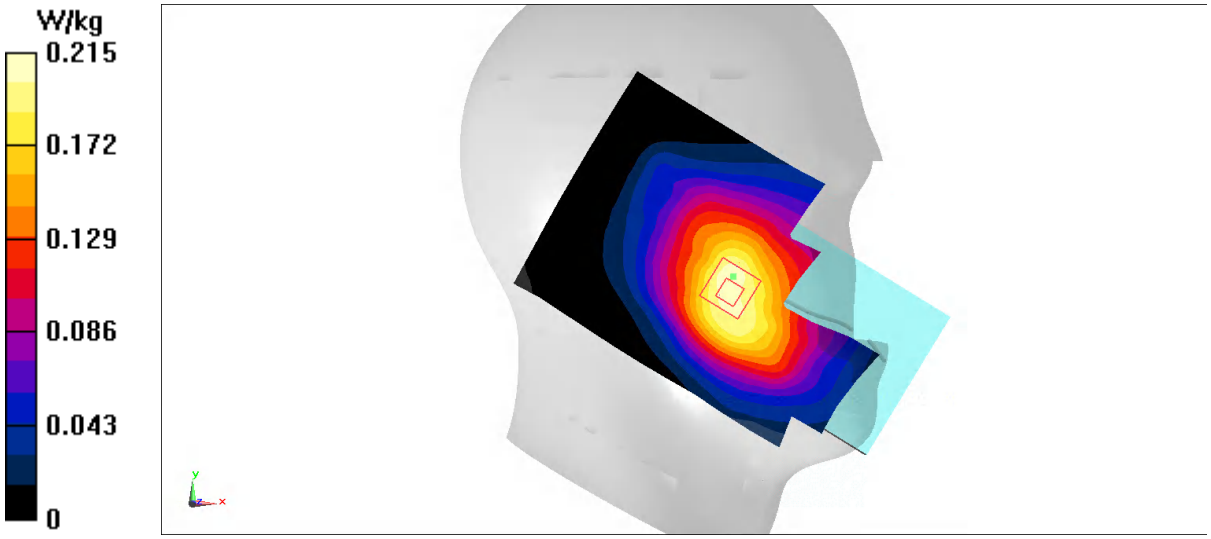
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.782 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.139 W/kg

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



LTE Band5 Body 10mm ANT1

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 844 MHz; σ = 0.878 S/m; εr = 42.71; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band5 (0) Frequency: 844 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3) @ 844 MHz

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

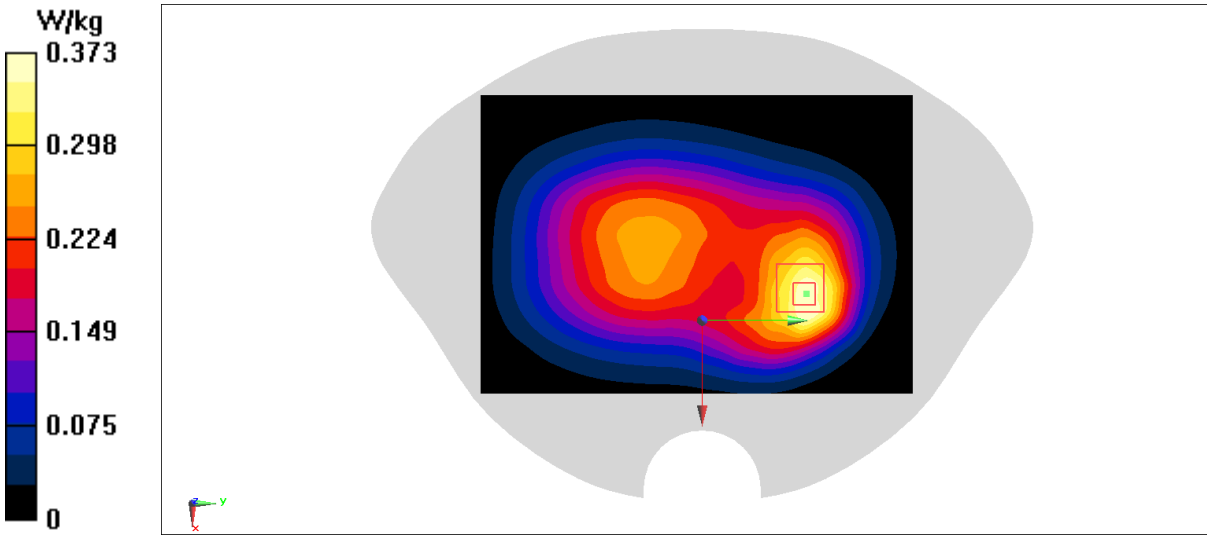
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.75 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



GSM850 Head ANT1

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 825 MHz; σ = 0.87 S/m; ε r = 42.79; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM850 (0) Frequency: 824.2 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3)

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

Maximum value of SAR (interpolated) = 0.191 W/kg

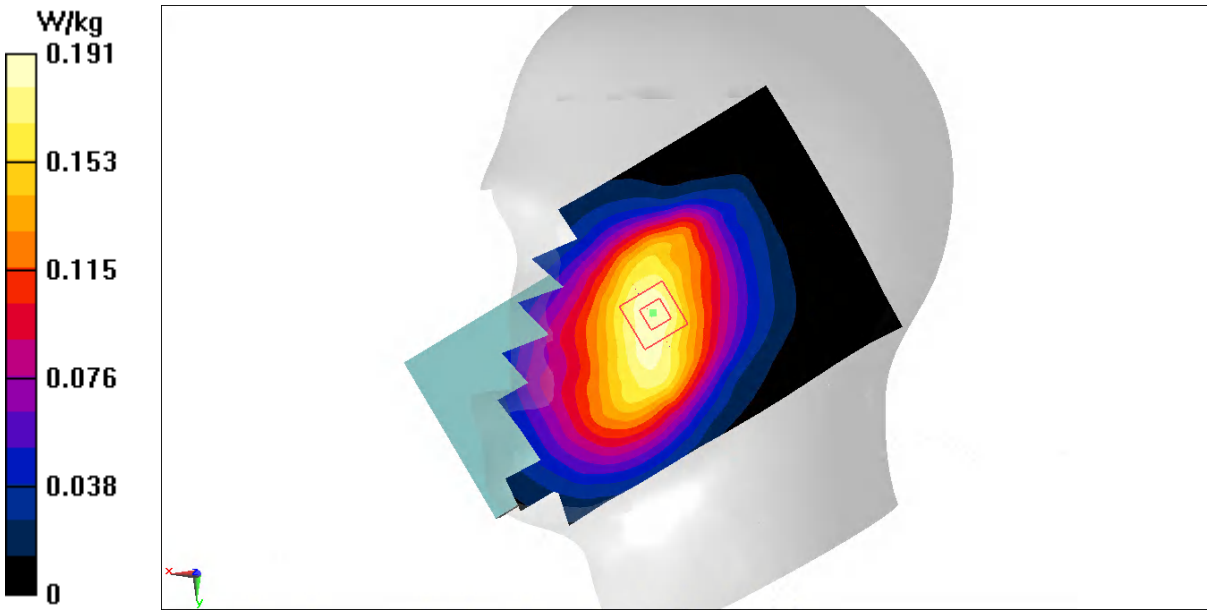
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.780 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.126 W/kg

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



GSM850 Body 10mm ANT1

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.874 S/m; ε r = 42.74; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM850 (0) Frequency: 836.6 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0694 W/kg

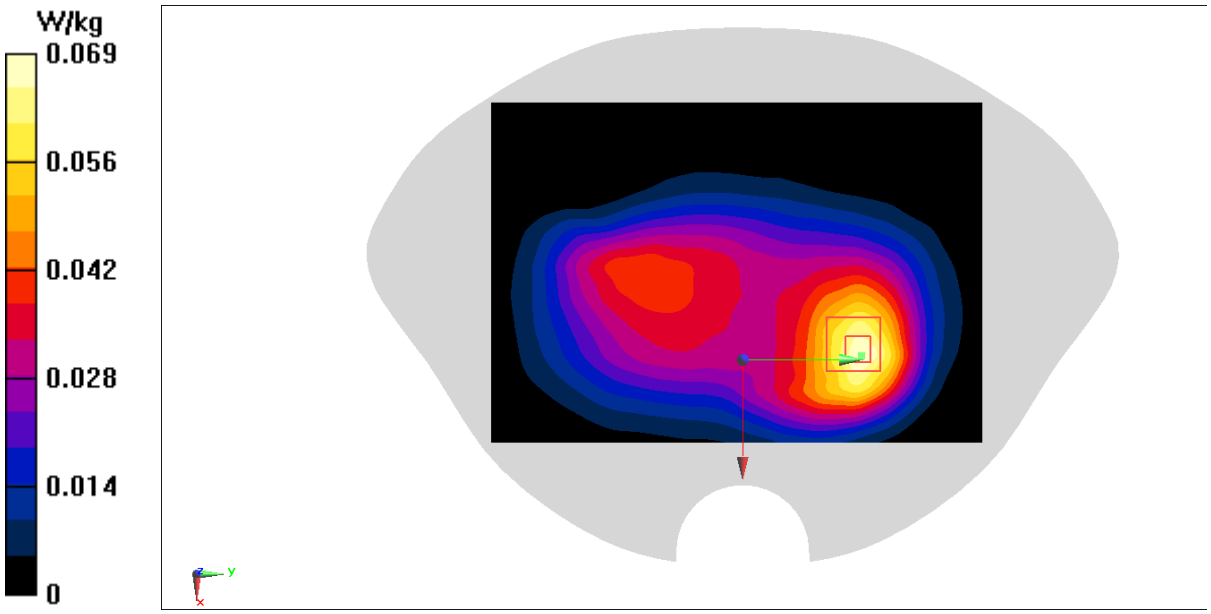
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.178 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0675 W/kg



GSM1900 Head ANT0

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1910 MHz; σ = 1.457 S/m; ε r = 40.64; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1909.8 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

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

Maximum value of SAR (interpolated) = 0.126 W/kg

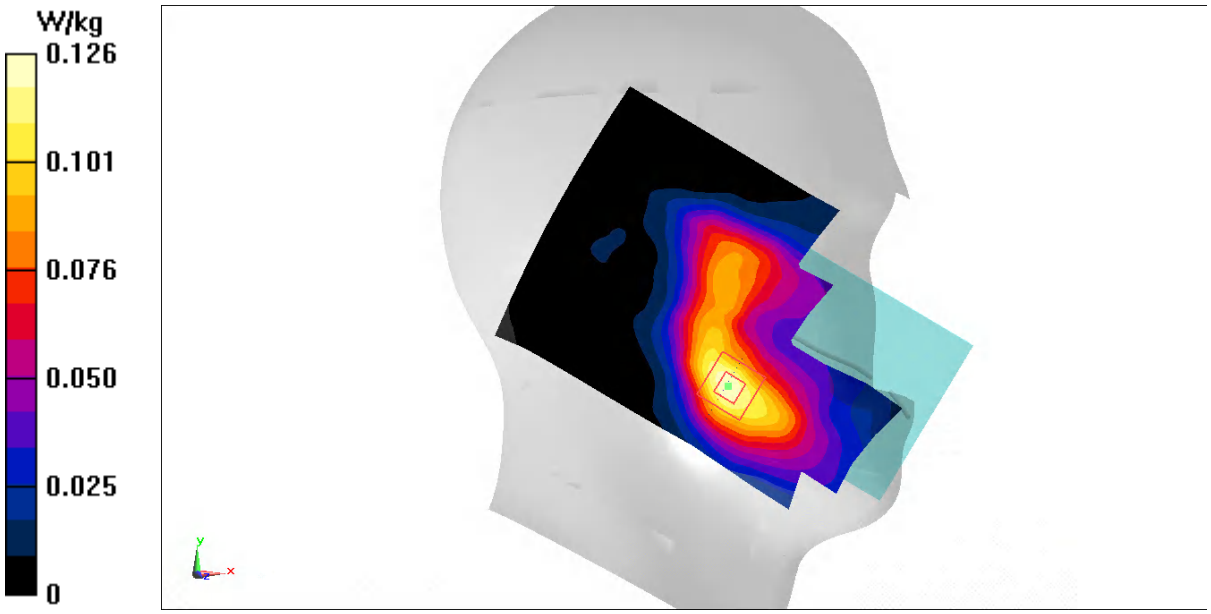
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.681 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.056 W/kg

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



GSM1900 Body 10mm ANT0

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1910 MHz; σ = 1.457 S/m; ε r = 40.64; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1909.8 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.530 W/kg

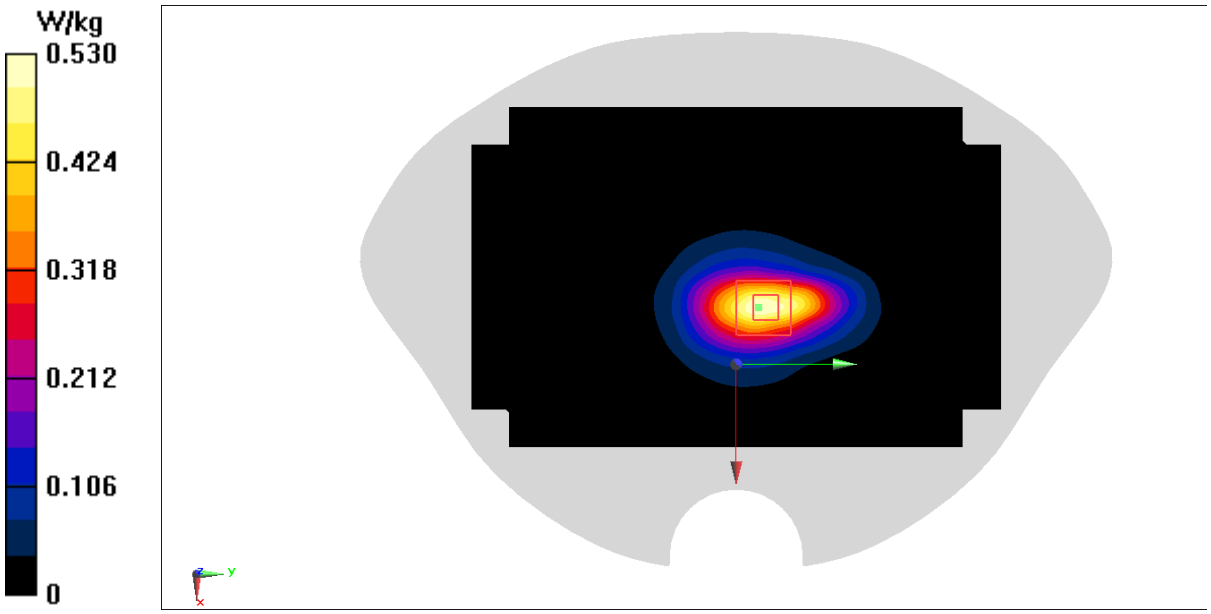
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.28 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



GSM1900 Body 15mm ANT0

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1910 MHz; σ = 1.457 S/m; ε r = 40.64; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM1900 3TX (0) Frequency: 1909.8 MHz Duty Cycle: 1:2.66993

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.228 W/kg

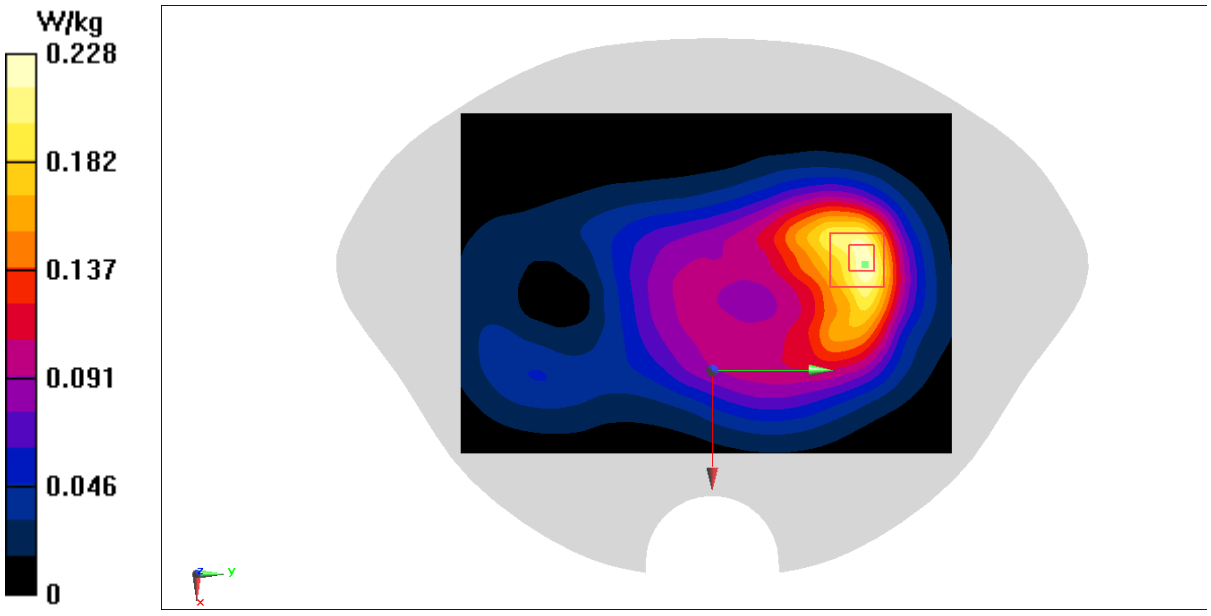
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.419 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.091 W/kg

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



GSM1900 Head ANT2

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1910 MHz; σ = 1.457 S/m; ε r = 40.64; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1909.8 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8) @ 1909.8 MHz

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

Maximum value of SAR (interpolated) = 1.55 W/kg

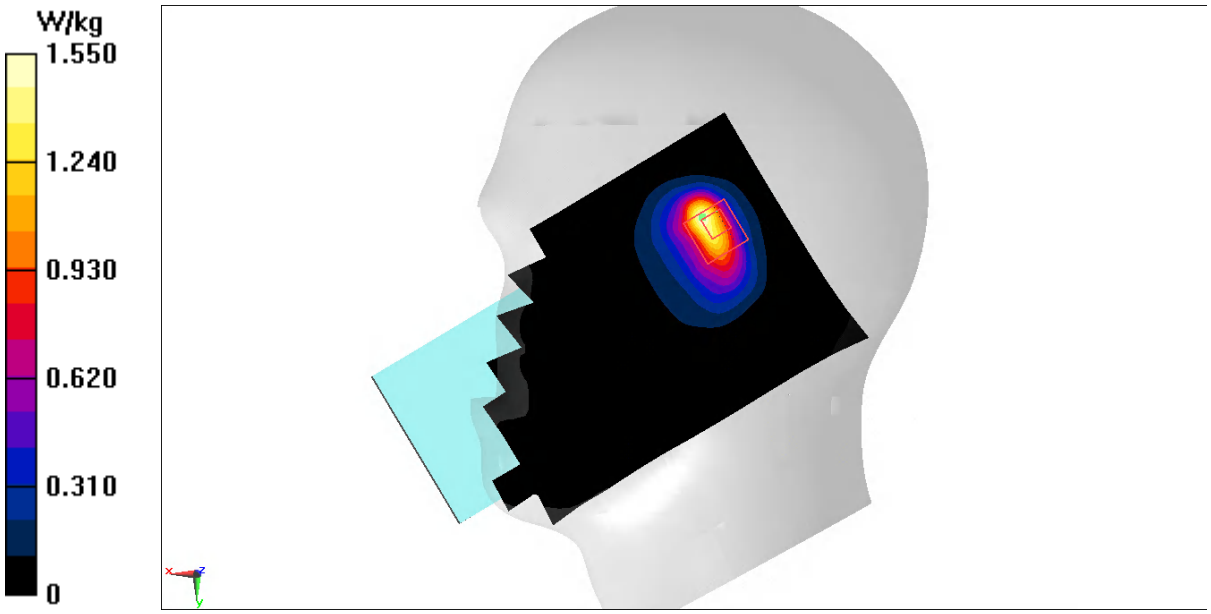
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.69 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



GSM1900 Body 10mm ANT2

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1910 MHz; σ = 1.457 S/m; ε r = 40.64; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM1900 3TX (0) Frequency: 1909.8 MHz Duty Cycle: 1:2.66993

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.364 W/kg

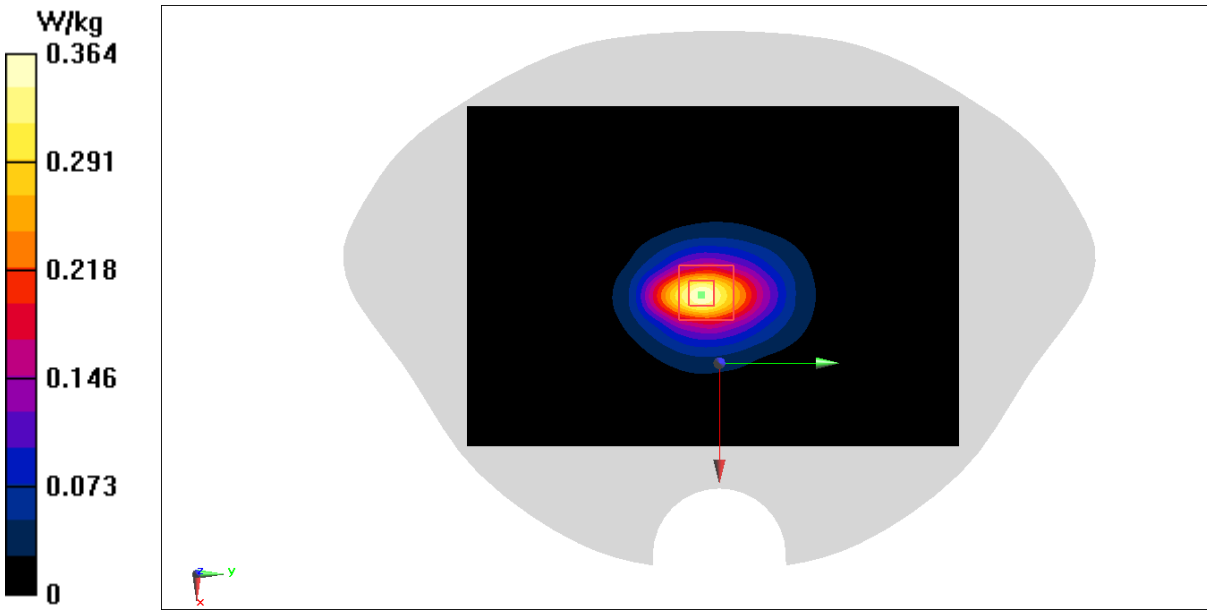
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.54 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



GSM1900 Body 15mm ANT2

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1910 MHz; σ = 1.457 S/m; ε r = 40.64; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, GSM1900 (PCS) (0) Frequency: 1909.8 MHz Duty Cycle: 1:8.30042

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.244 W/kg

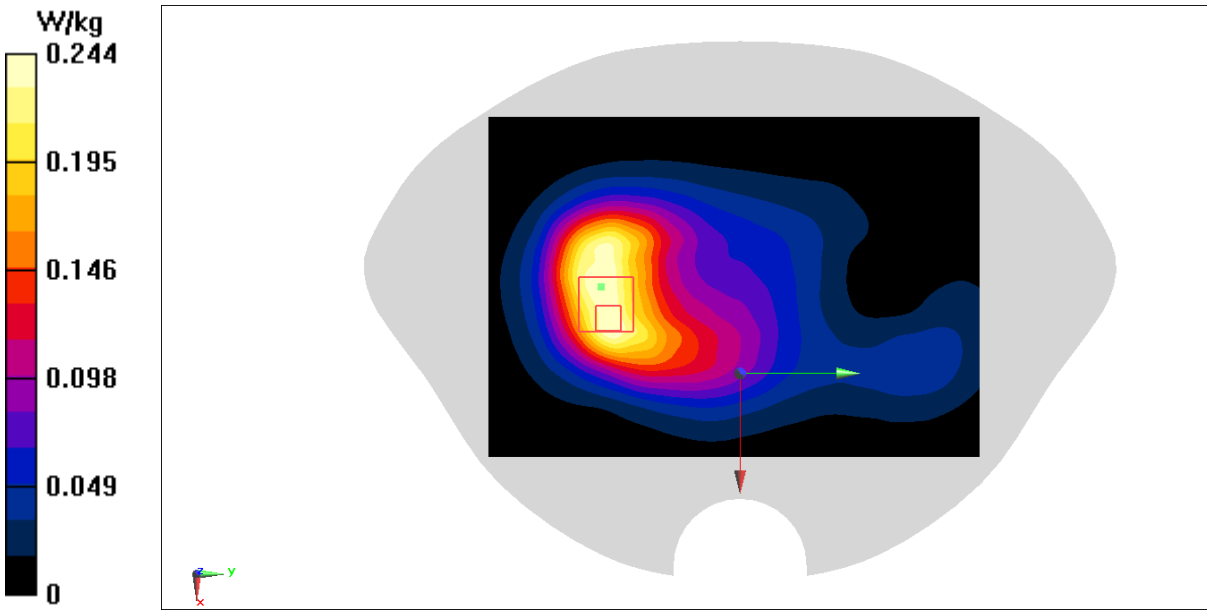
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.441 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.100 W/kg

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



WCDMA850 Head ANT1

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.874 S/m; ε r = 42.74; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 836.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3)

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

Maximum value of SAR (interpolated) = 0.231 W/kg

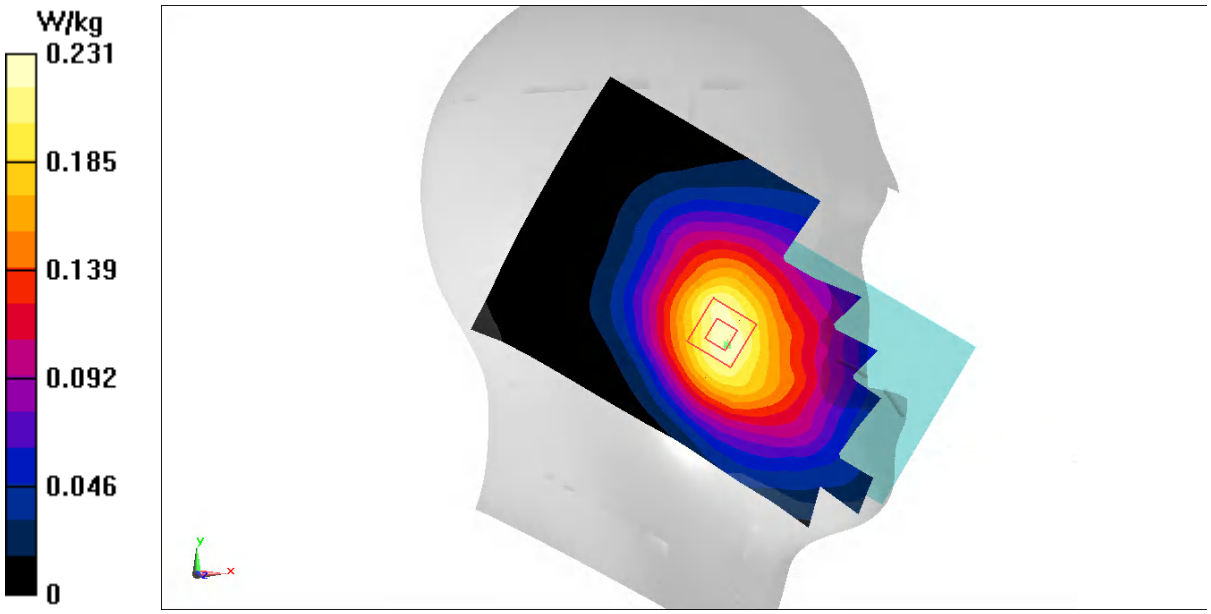
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.903 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



WCDMA850 Body 10mm ANT1

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.874 S/m; ε r = 42.74; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 836.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.401 W/kg

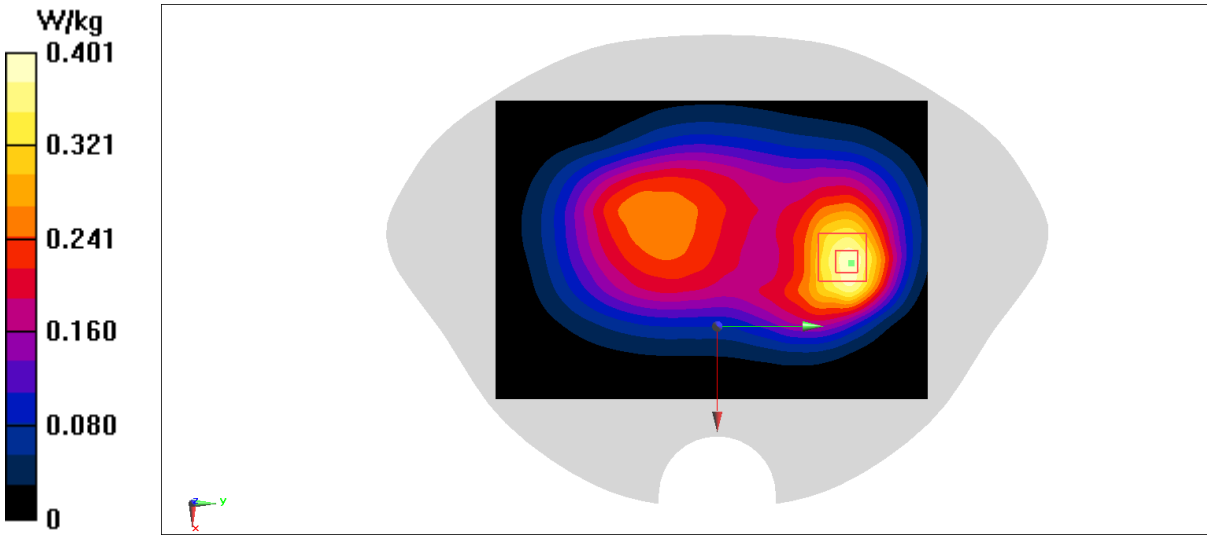
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.77 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.458 W/kg

SAR(1 g) = 0.286 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.384 W/kg



WCDMA850 Body 15mm ANT1

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.879 S/m; εr = 42.7; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WCDMA850(B5) (0) Frequency: 846.6 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3)

Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.201 W/kg

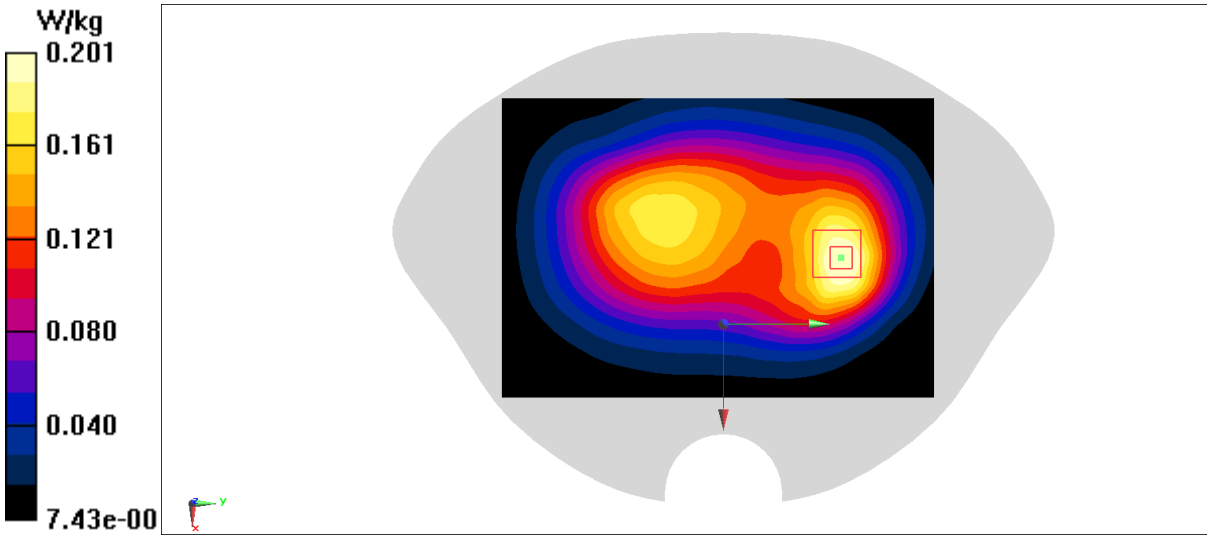
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.55 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



LTE Band7 Head ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2560 MHz; σ = 1.989 S/m; ε r = 39.94; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band7 (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

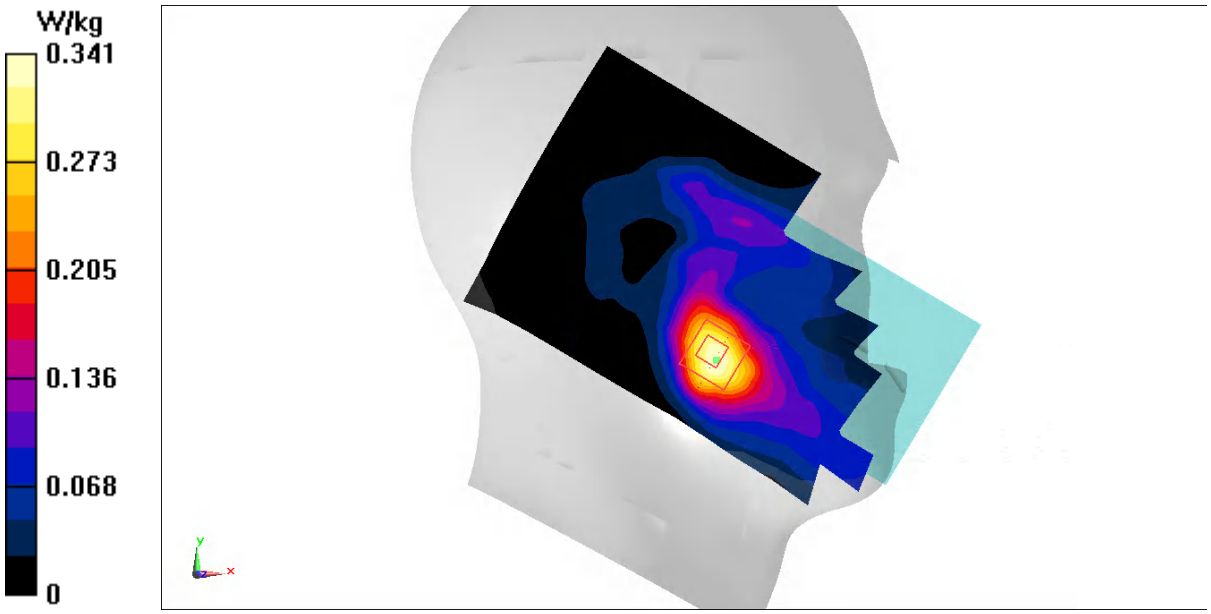
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.527 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.328 W/kg



LTE BAND7 Body 10mm ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2560 MHz; σ = 1.989 S/m; ε r = 39.94; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band7 (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.890 W/kg

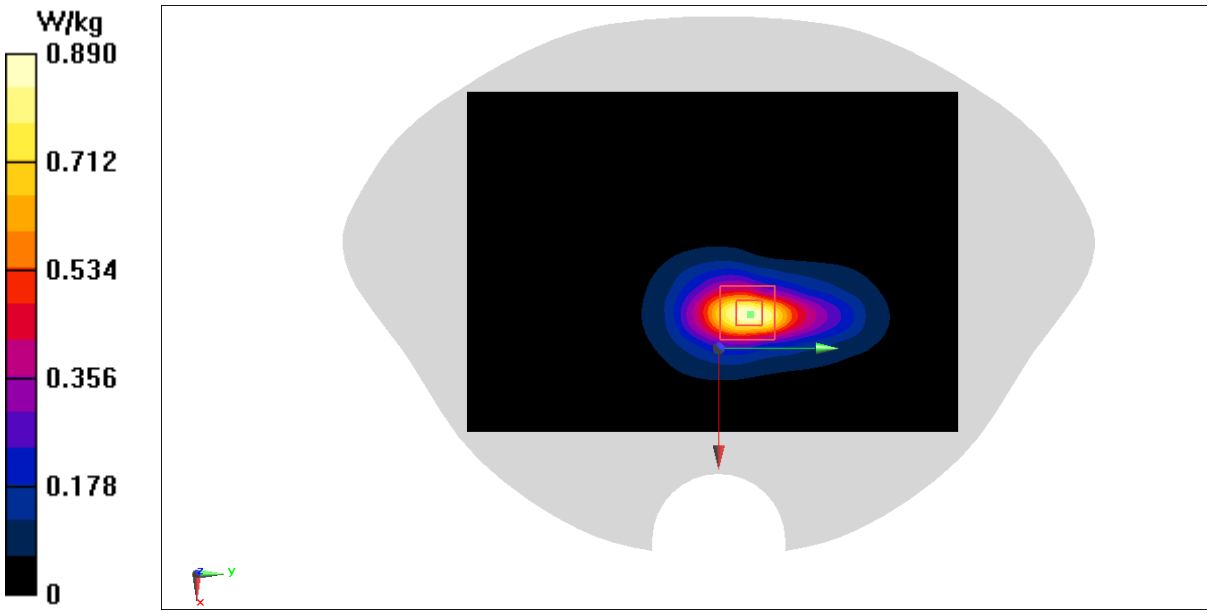
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.95 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.814 W/kg



LTE Band7 Body 15mm ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2560 MHz; σ = 1.989 S/m; ε r = 39.94; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band7 (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.385 W/kg

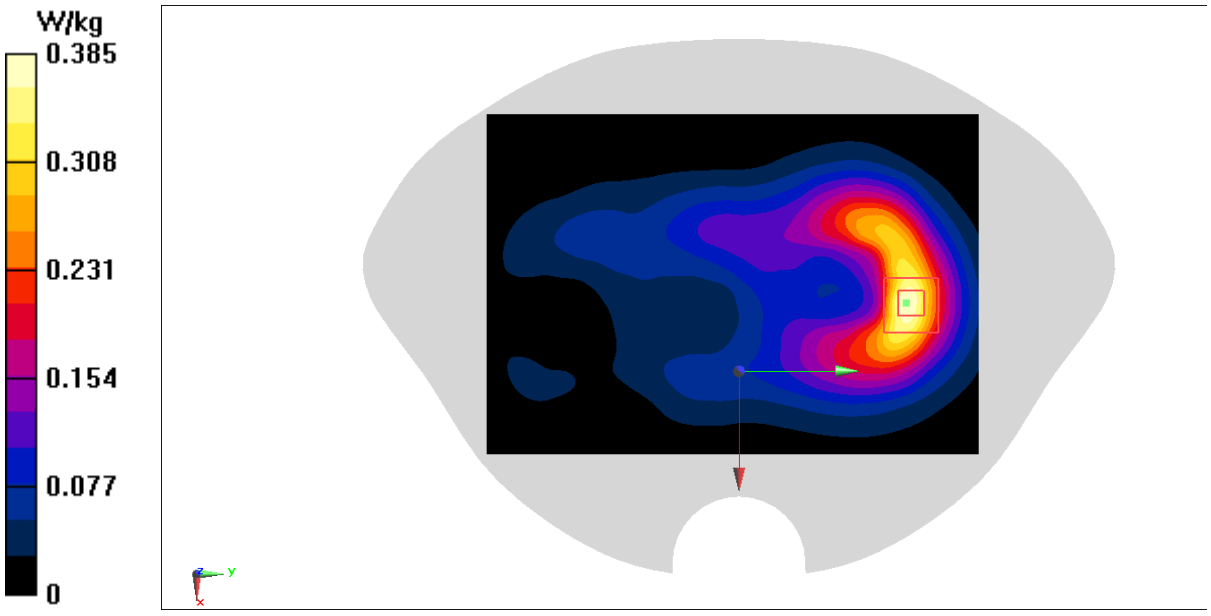
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.129 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



LTE Band7 Head ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2535 MHz; σ = 1.968 S/m; ε r = 40; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band7 (0) Frequency: 2535 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.32, 7.32, 7.32) @ 2535 MHz

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

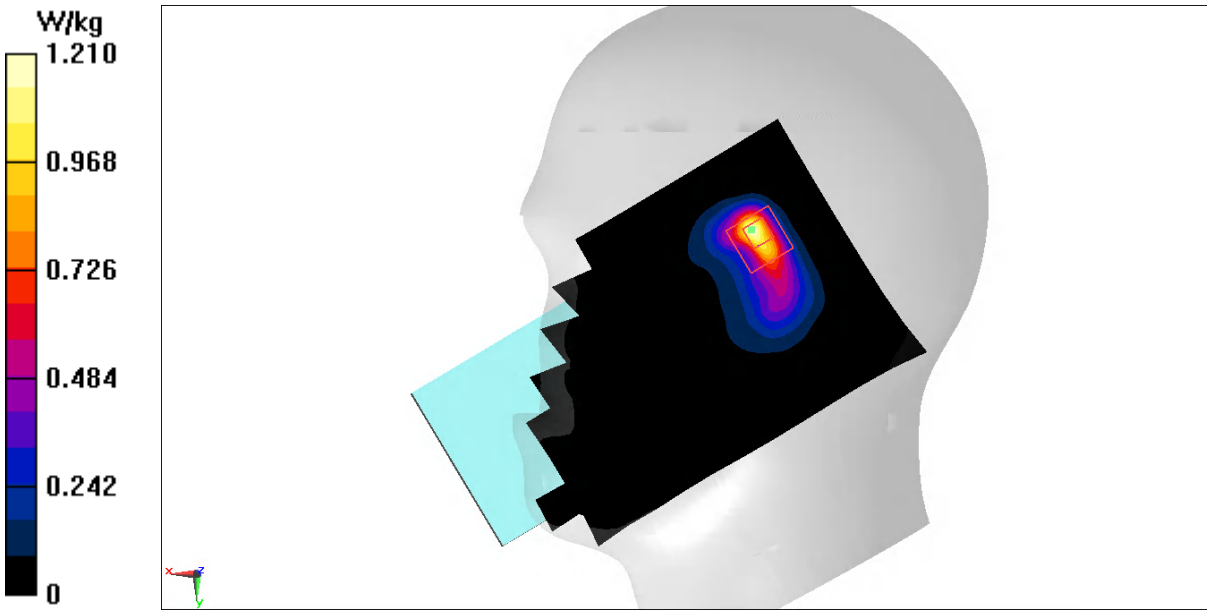
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.26 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.622 W/kg; SAR(10 g) = 0.256 W/kg

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



LTE Band7 Body 10mm ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2560 MHz; σ = 1.989 S/m; ε r = 39.94; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band7 (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

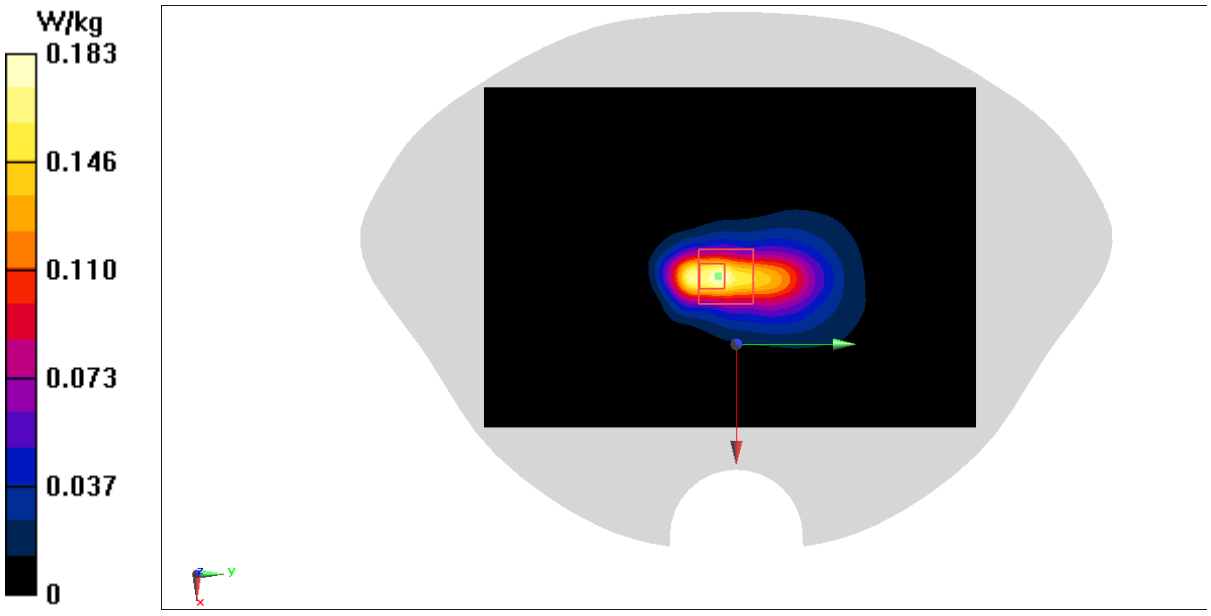
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.360 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



LTE Band7 Body 15mm ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2560 MHz; σ = 1.989 S/m; ε r = 39.94; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band7 (0) Frequency: 2560 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.198 W/kg

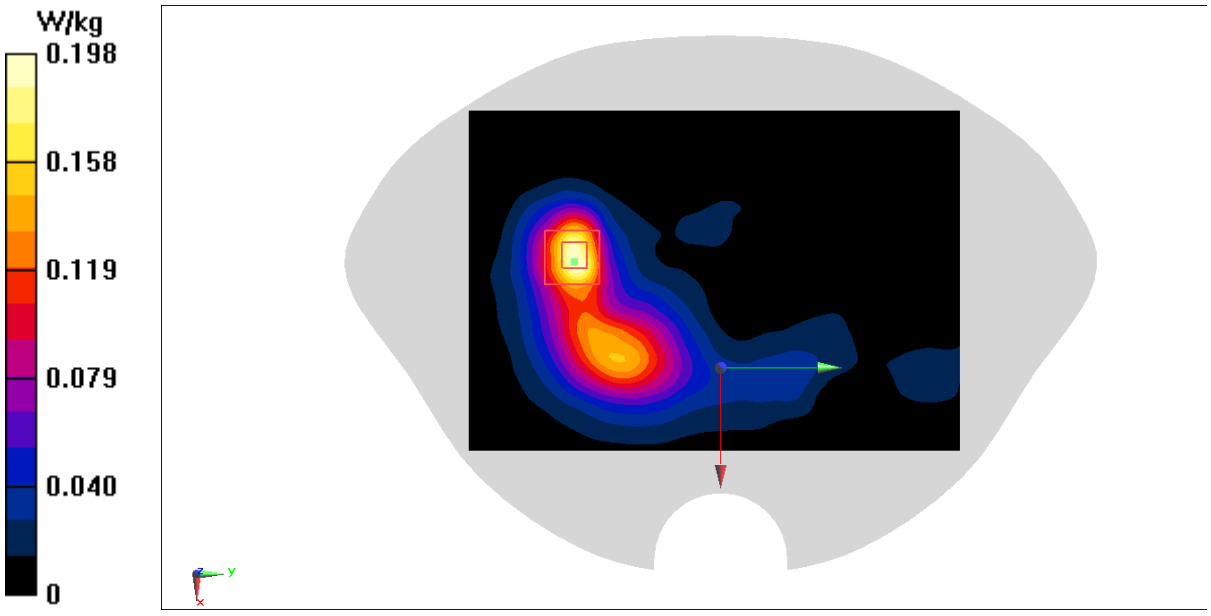
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.937 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.058 W/kg

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



LTE Band38 Head ANT4

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2610 MHz; σ = 2.033 S/m; ε r = 39.83; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

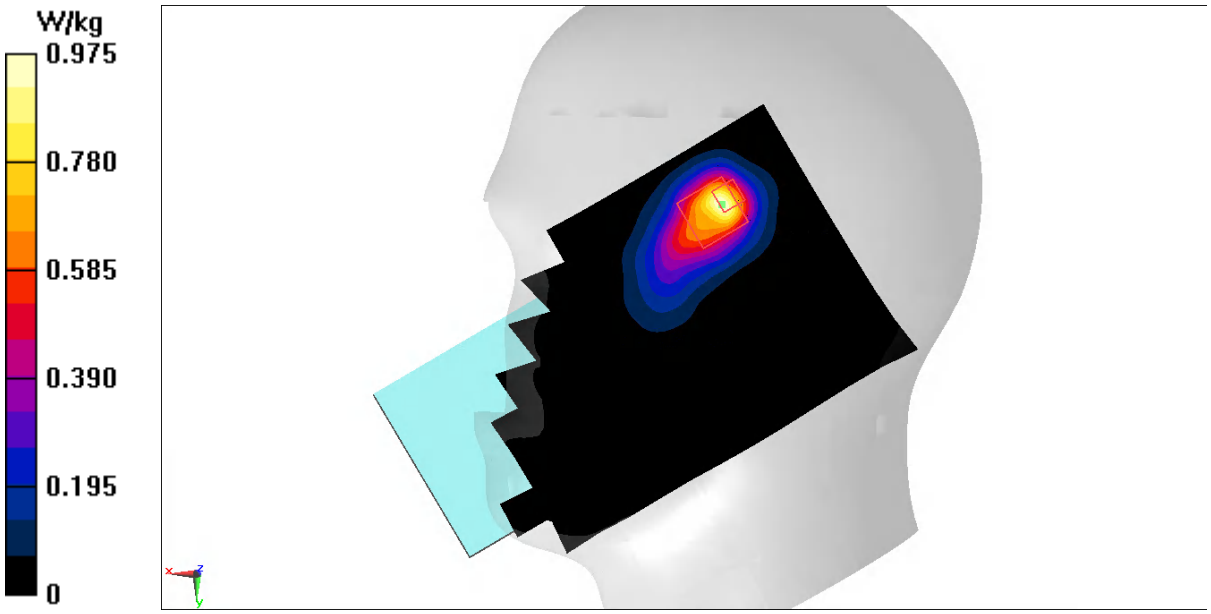
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.744 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



LTE Band38 Body 10mm ANT4

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2610 MHz; σ = 2.033 S/m; ε r = 39.83; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.176 W/kg

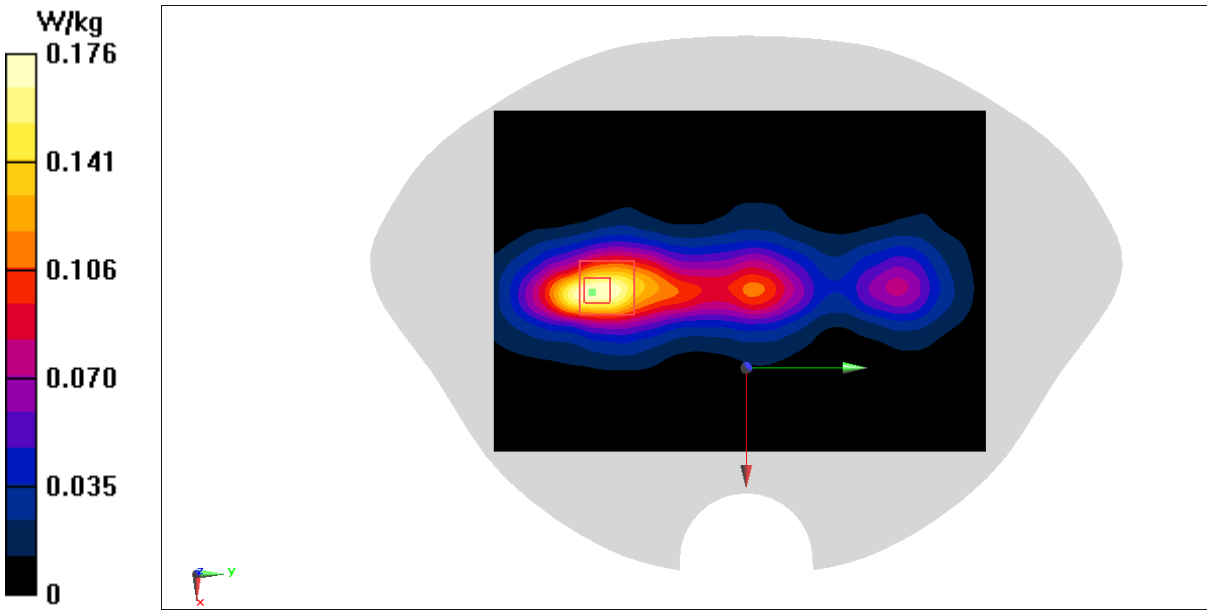
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.073 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



LTE Band38 Body 15mm ANT4

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2610 MHz; σ = 2.033 S/m; ε r = 39.83; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.227 W/kg

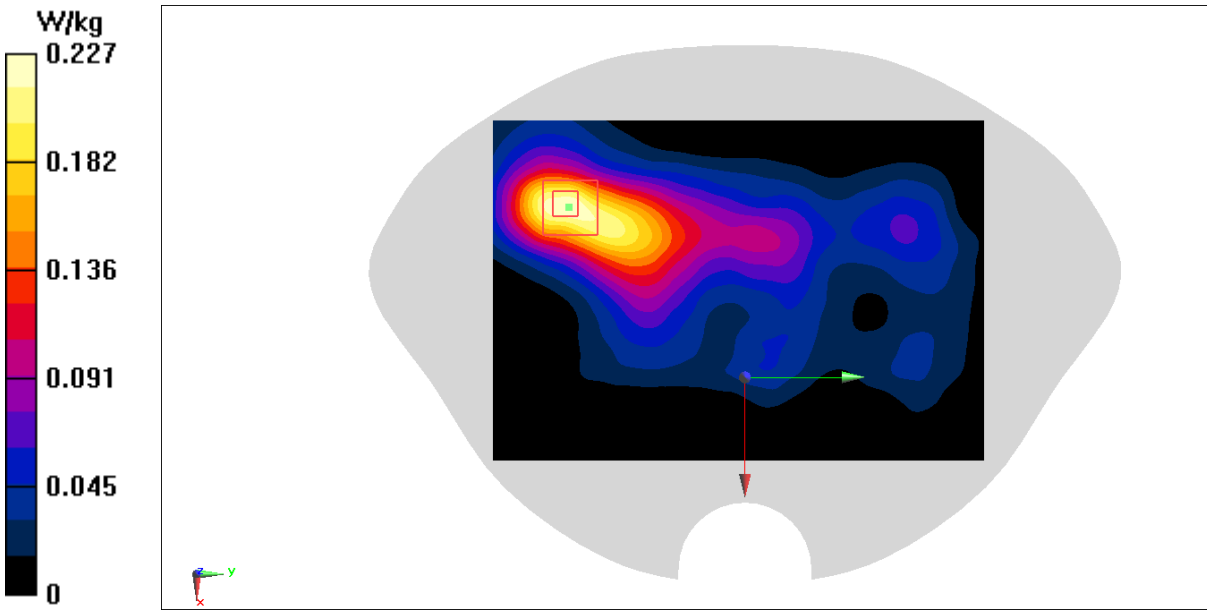
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.419 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.225 W/kg



LTE Band38 Head ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 2.007 S/m; ε r = 39.9; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2580 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

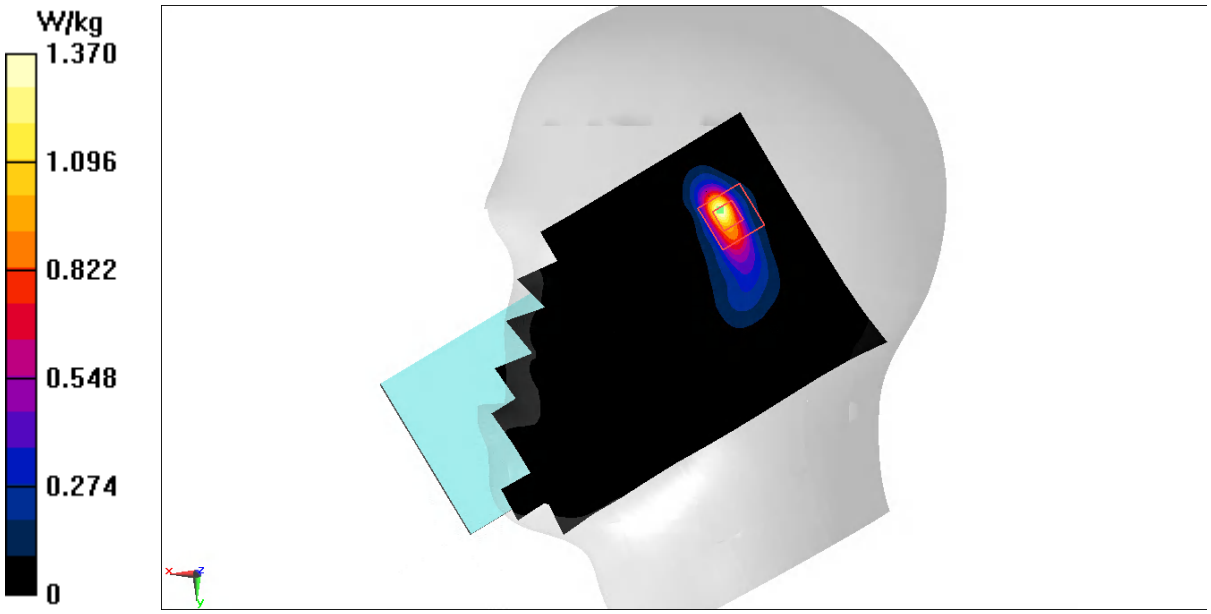
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.30 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



LTE Band38 Body 10mm ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2595 MHz; σ = 2.019 S/m; ε r = 39.86; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2595 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.262 W/kg

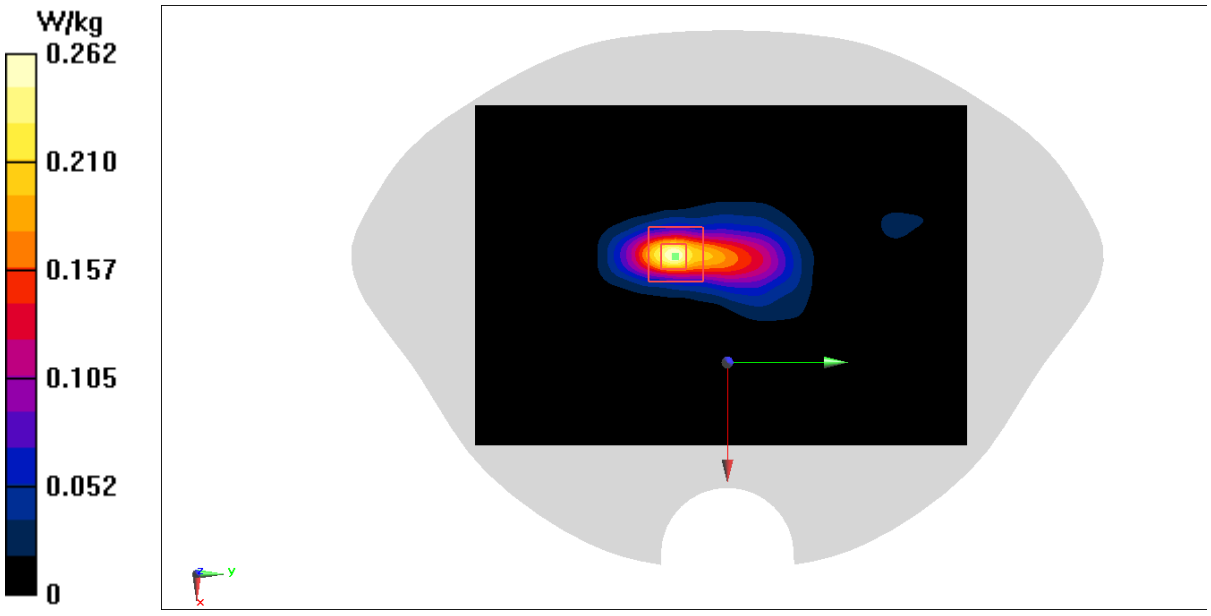
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.616 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.221 W/kg



LTE Band38 Body 15mm ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 2.007 S/m; ε r = 39.9; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2580 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.204 W/kg

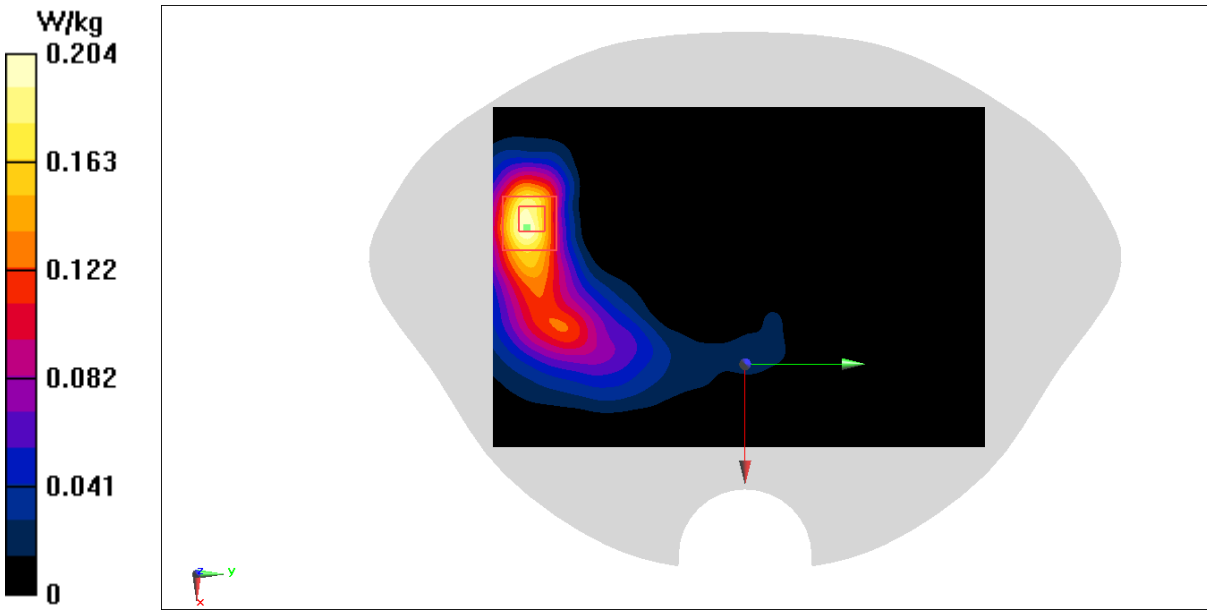
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.671 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.066 W/kg

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



LTE Band38 Head ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2595 MHz; σ = 2.019 S/m; ε r = 39.86; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2595 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0701 W/kg

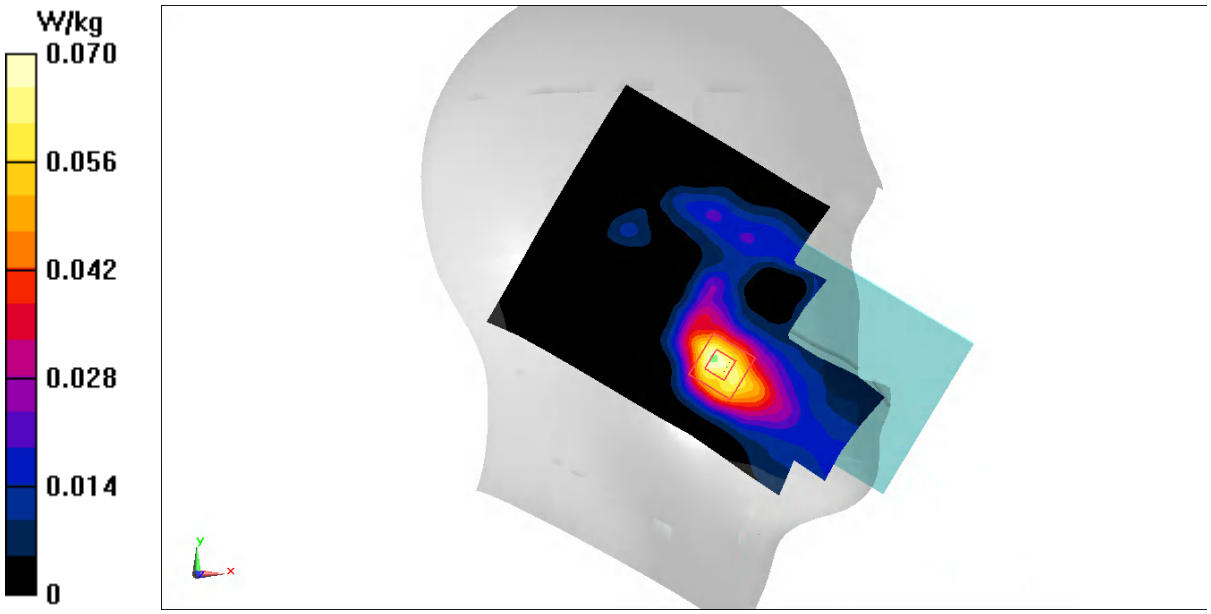
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.471 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0770 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0632 W/kg



LTE Band38 Body 10mm ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2595 MHz; σ = 2.019 S/m; ε r = 39.86; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2595 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.191 W/kg

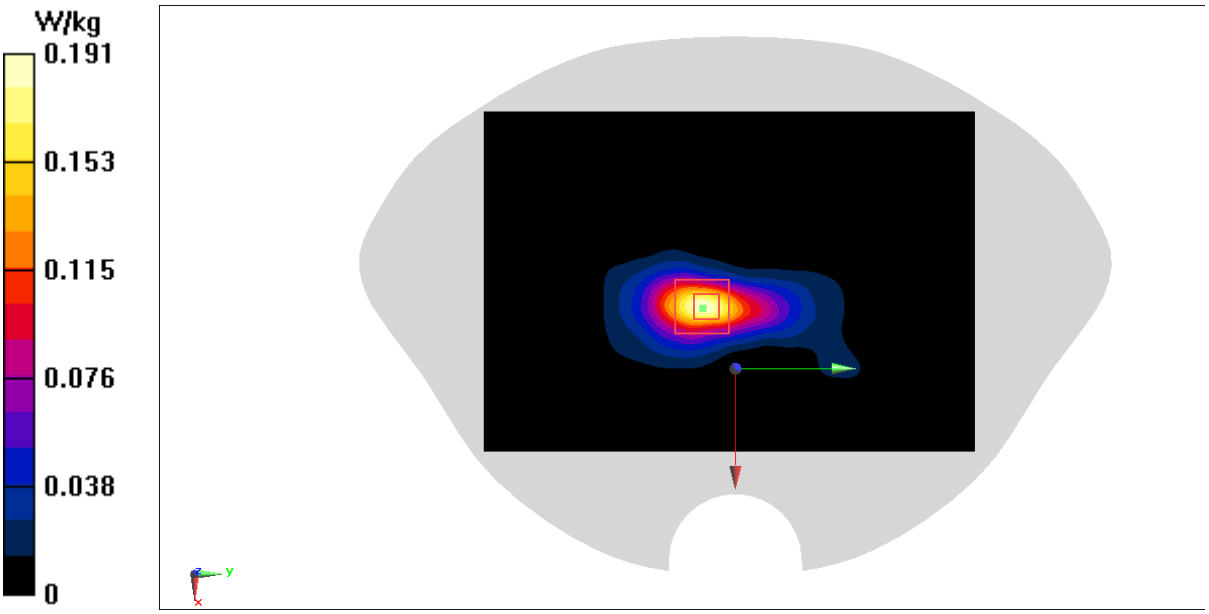
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.101 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



LTE Band38 Body 15mm ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2595 MHz; σ = 2.019 S/m; ε r = 39.86; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2595 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.189 W/kg

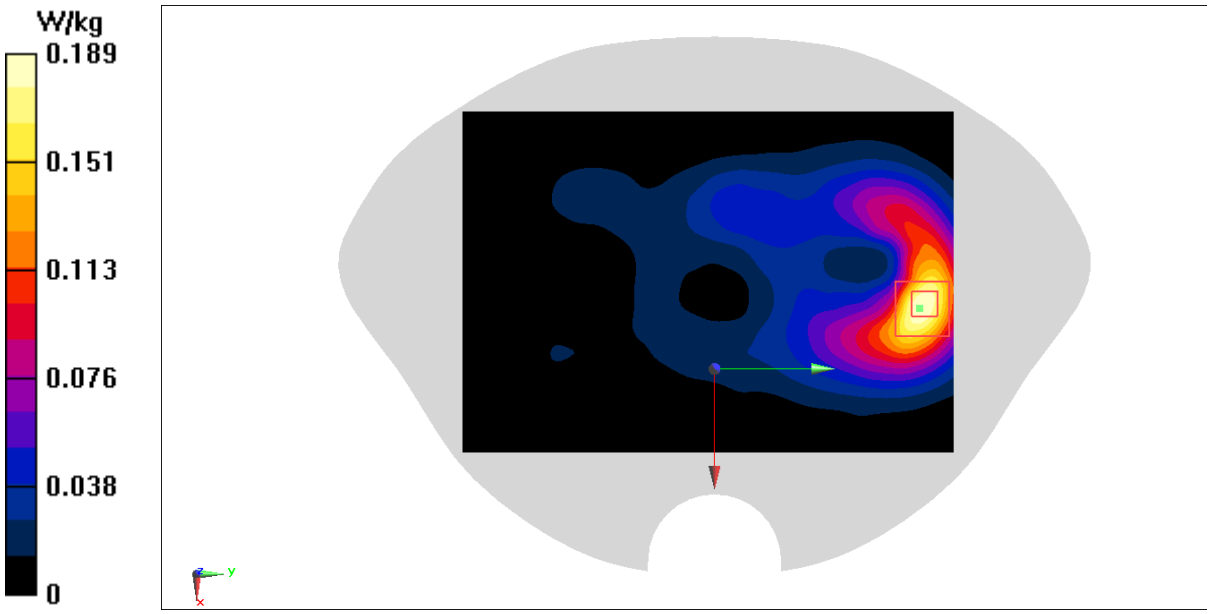
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.997 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.235 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.181 W/kg



LTE Band38 Head ANT5

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2610 MHz; σ = 2.033 S/m; ε r = 39.83; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.768 W/kg

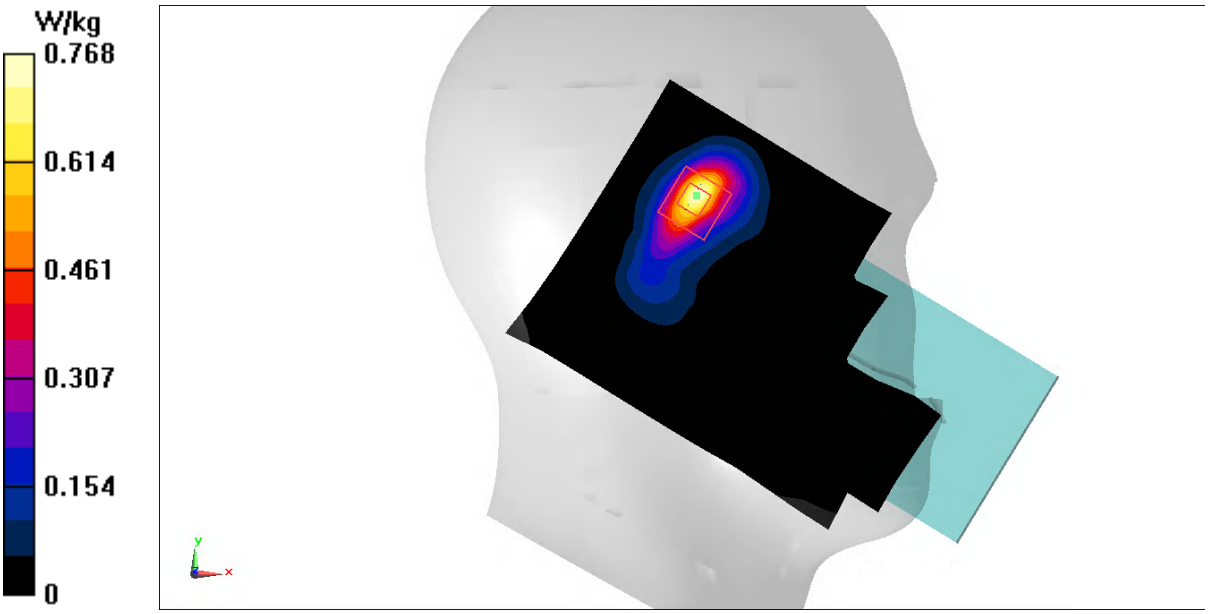
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.57 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



LTE Band38 Body 10mm ANT5

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2610 MHz; σ = 2.033 S/m; ε r = 39.83; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.103 W/kg

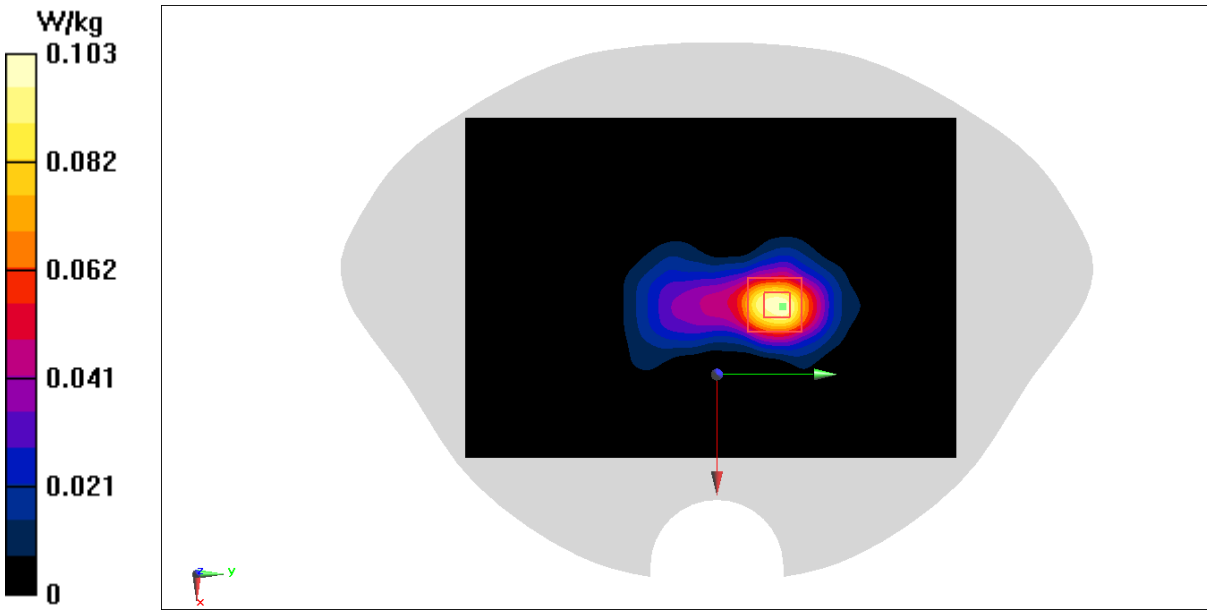
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.504 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0960 W/kg



LTE Band38 Body 15mm ANT5

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2610 MHz; σ = 2.033 S/m; ε r = 39.83; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band38 (0) Frequency: 2610 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

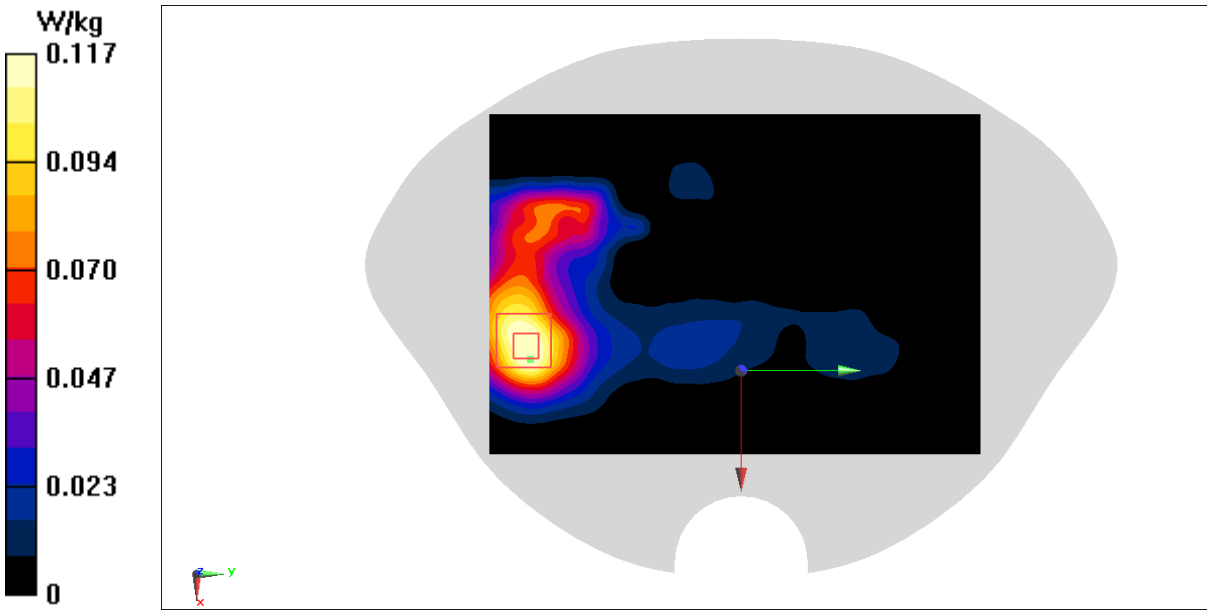
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.720 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



LTE Band41 Head ANT4

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.0577 S/m; ε r = 39.77; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.824 W/kg

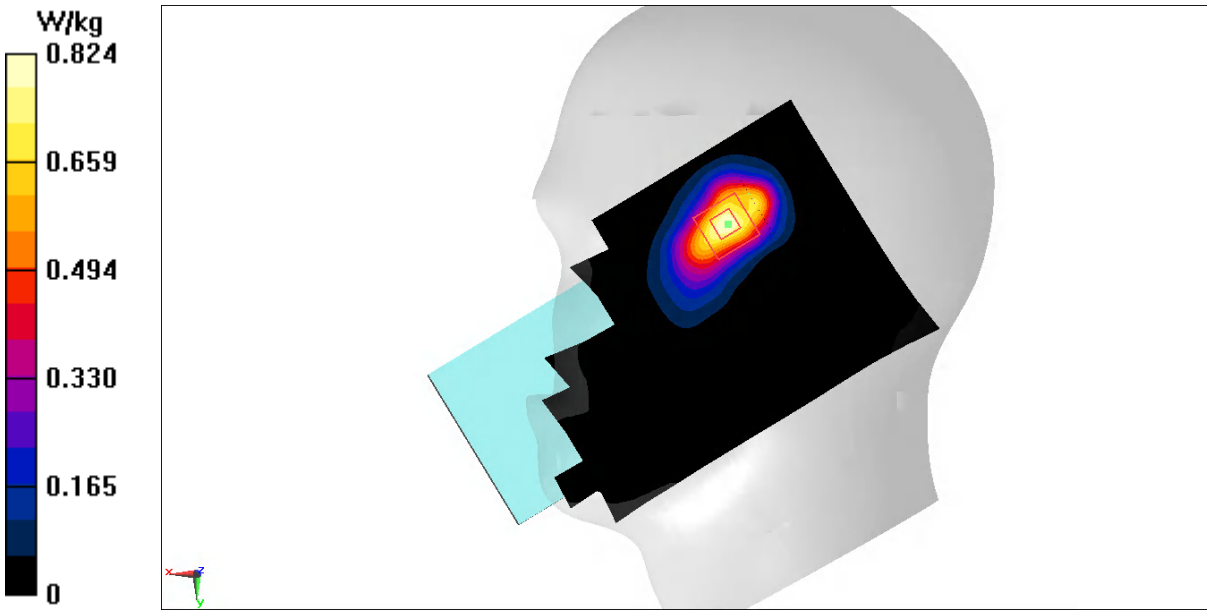
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.993 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.725 W/kg



LTE Band41 Body 10mm ANT4

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.0577 S/m; ε r = 39.77; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

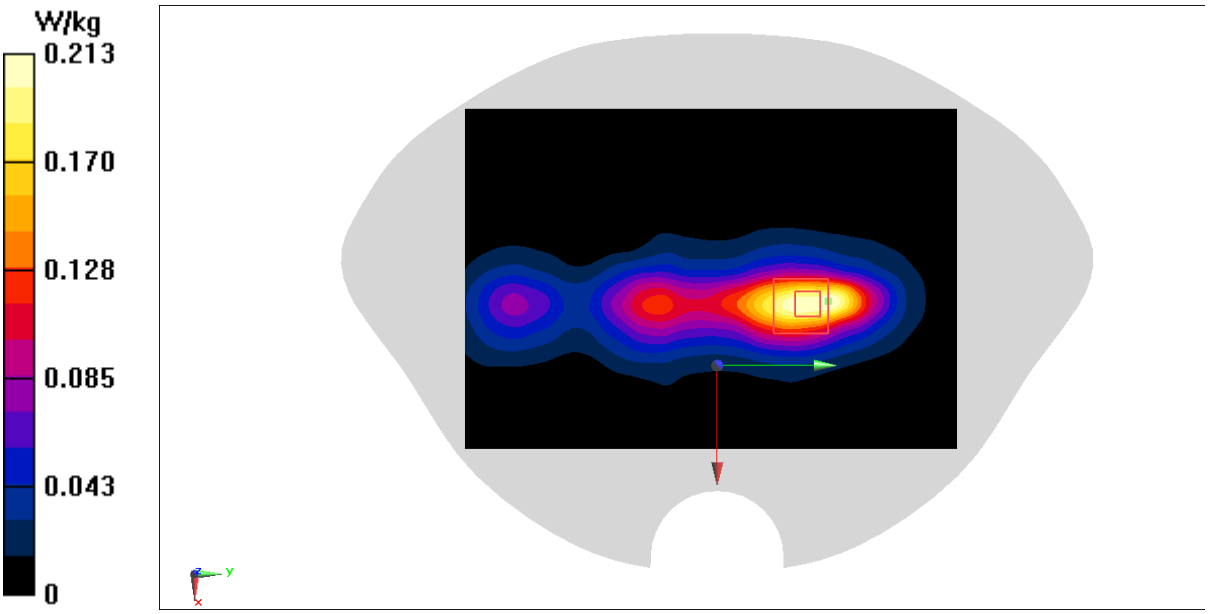
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.709 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.203 W/kg



LTE Band41 Body 15mm ANT4

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.0577 S/m; ε r = 39.77; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.157 W/kg

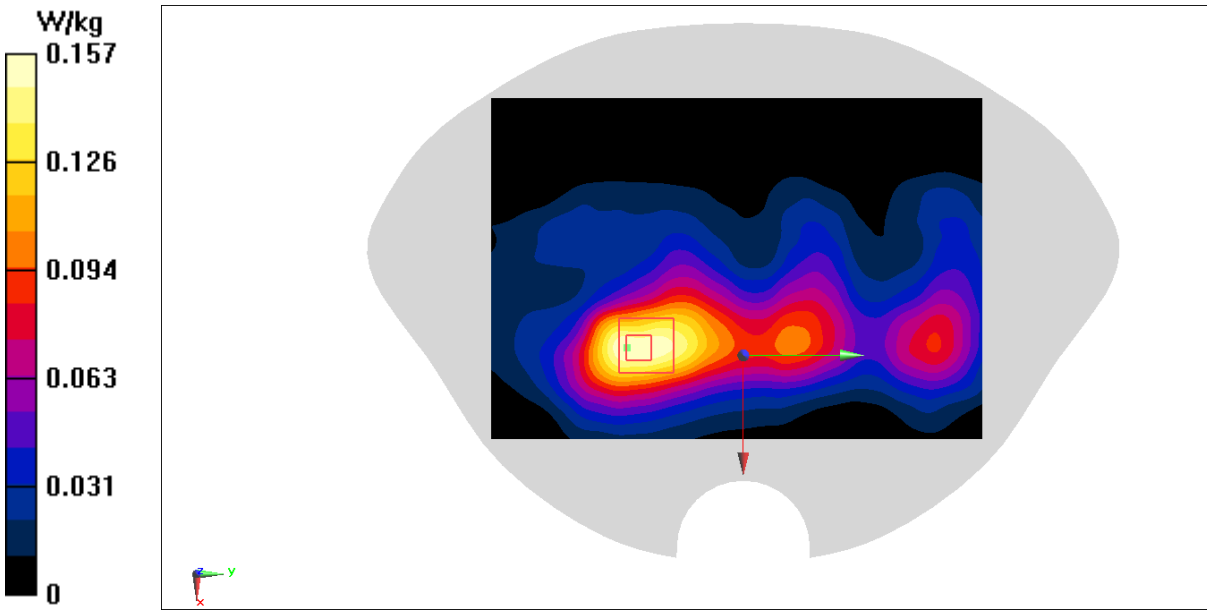
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.031 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



LTE Band41 Head ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2593 MHz; σ = 2.018 S/m; ε r = 39.87; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2593 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

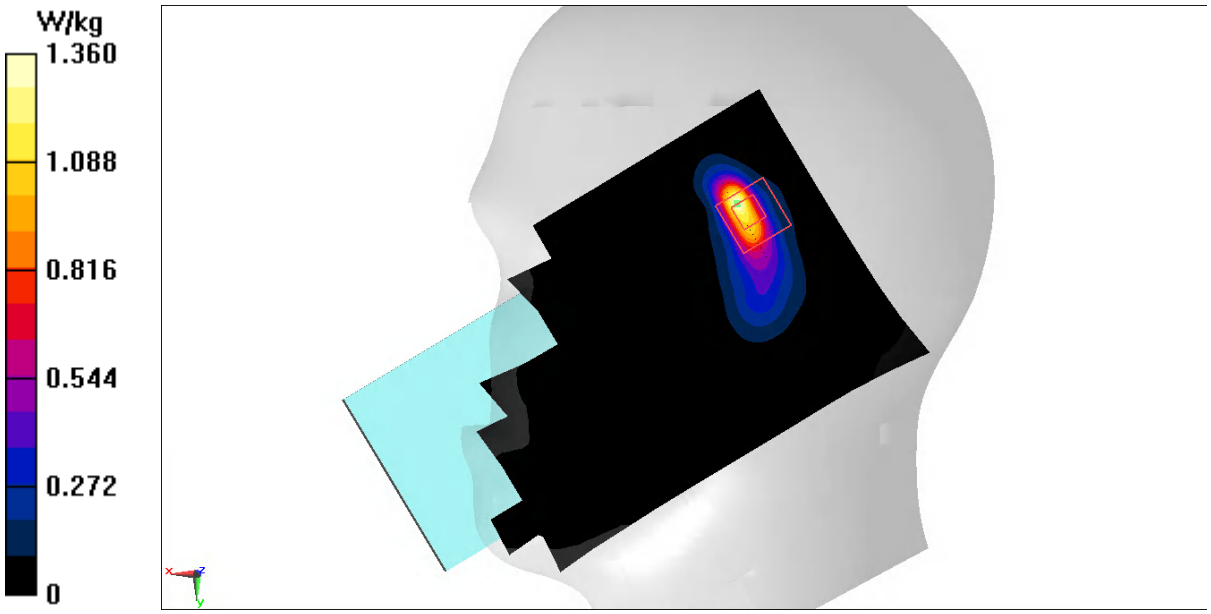
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.03 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



LTE Band41 Body 10mm ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2506 MHz; σ = 1.946 S/m; ε r = 40.04; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2506 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.32, 7.32, 7.32)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.230 W/kg

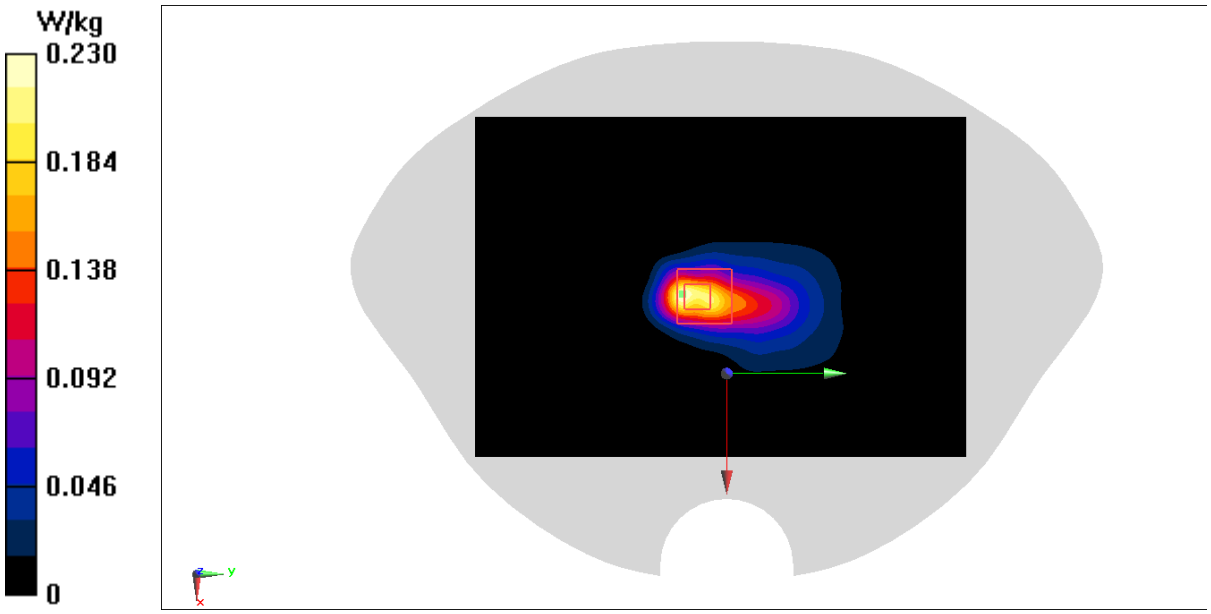
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.127 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.188 W/kg



LTE Band41 Body 15mm ANT2

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2506 MHz; σ = 1.946 S/m; ε r = 40.04; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2506 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.32, 7.32, 7.32)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.210 W/kg

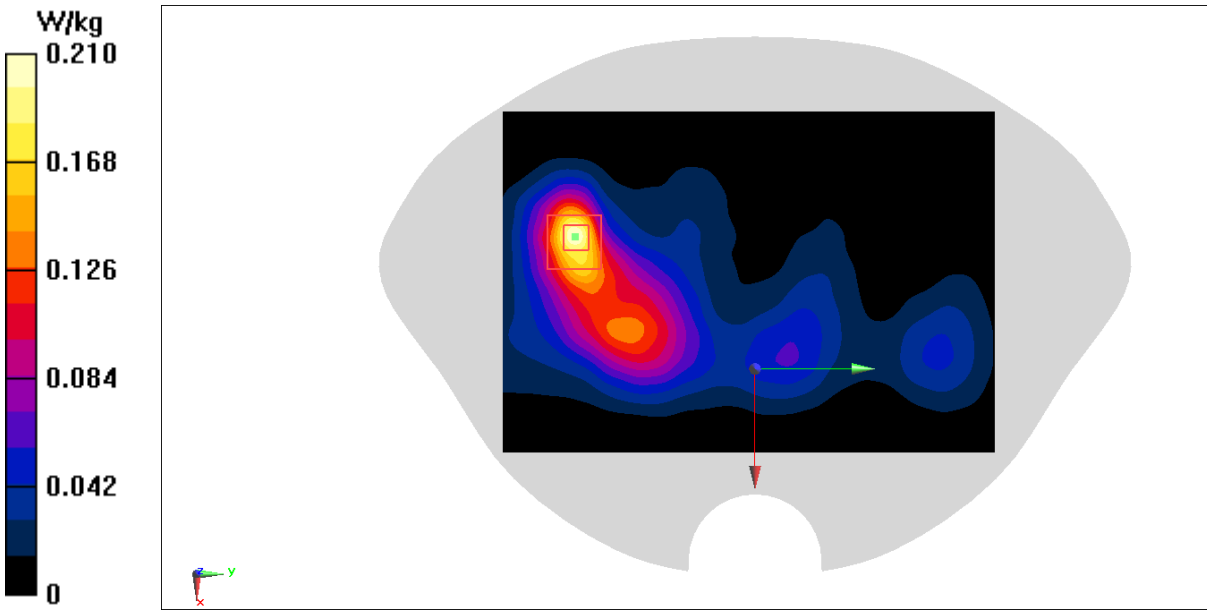
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.474 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.184 W/kg



LTE Band41 Head ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2680 MHz; σ = 2.095 S/m; ε r = 39.68; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2680 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0681 W/kg

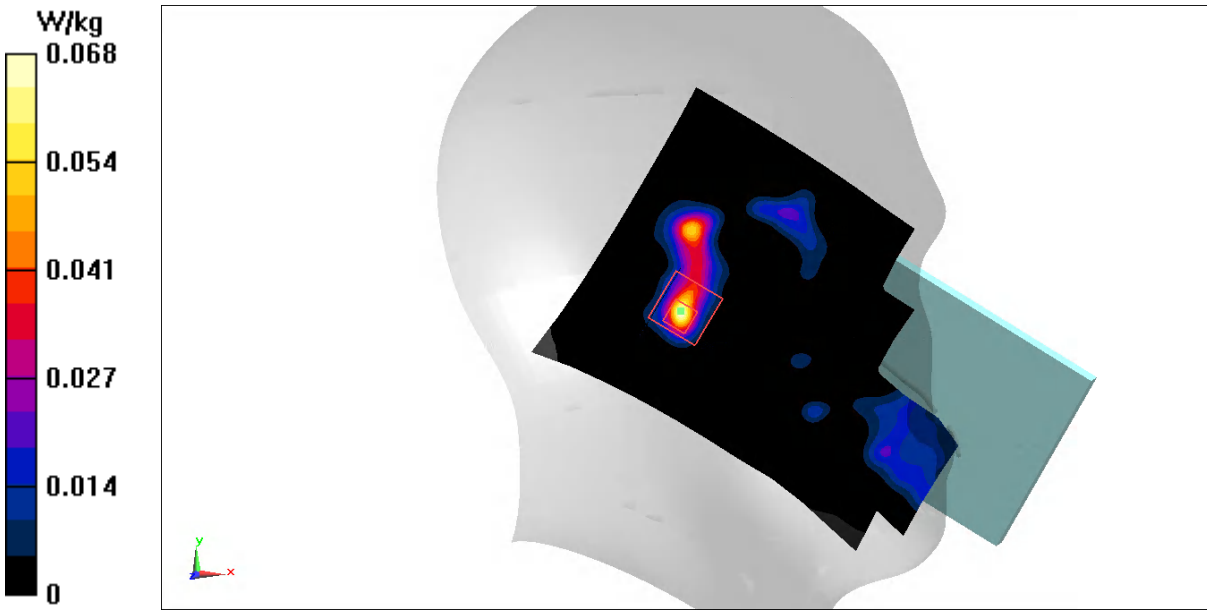
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.488 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0420 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.007 W/kg

Maximum value of SAR (measured) = 0.0288 W/kg



LTE Band41 Body 10mm ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2680 MHz; σ = 2.095 S/m; ε r = 39.68; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2680 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.178 W/kg

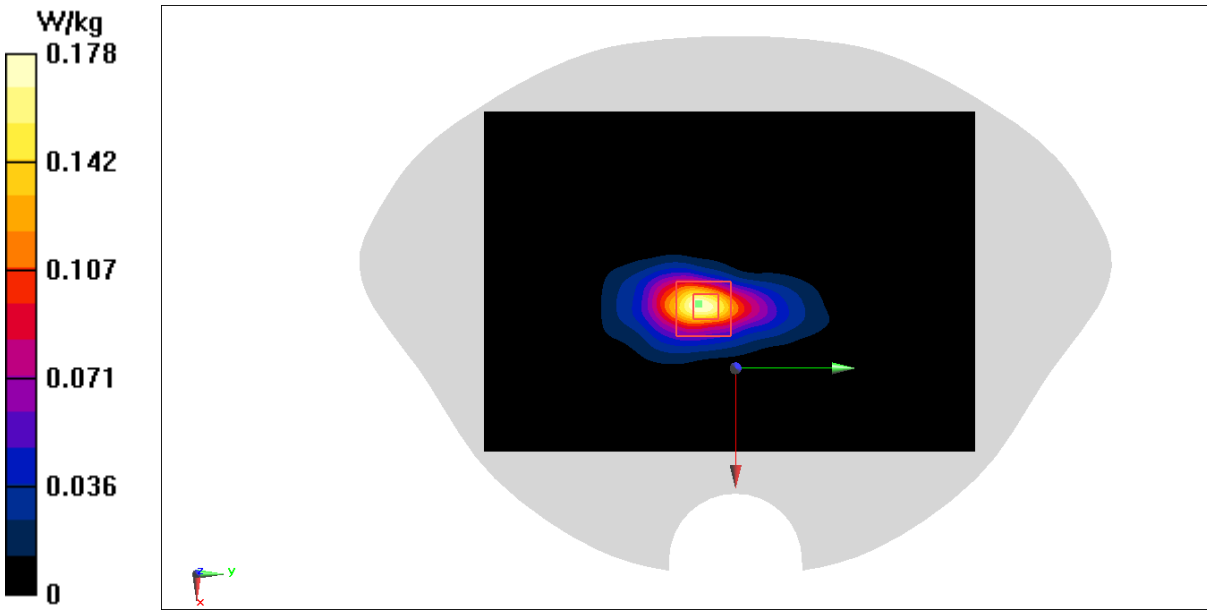
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.545 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



LTE Band41 Body 15mm ANT0

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2680 MHz; σ = 2.095 S/m; ε r = 39.68; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2680 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

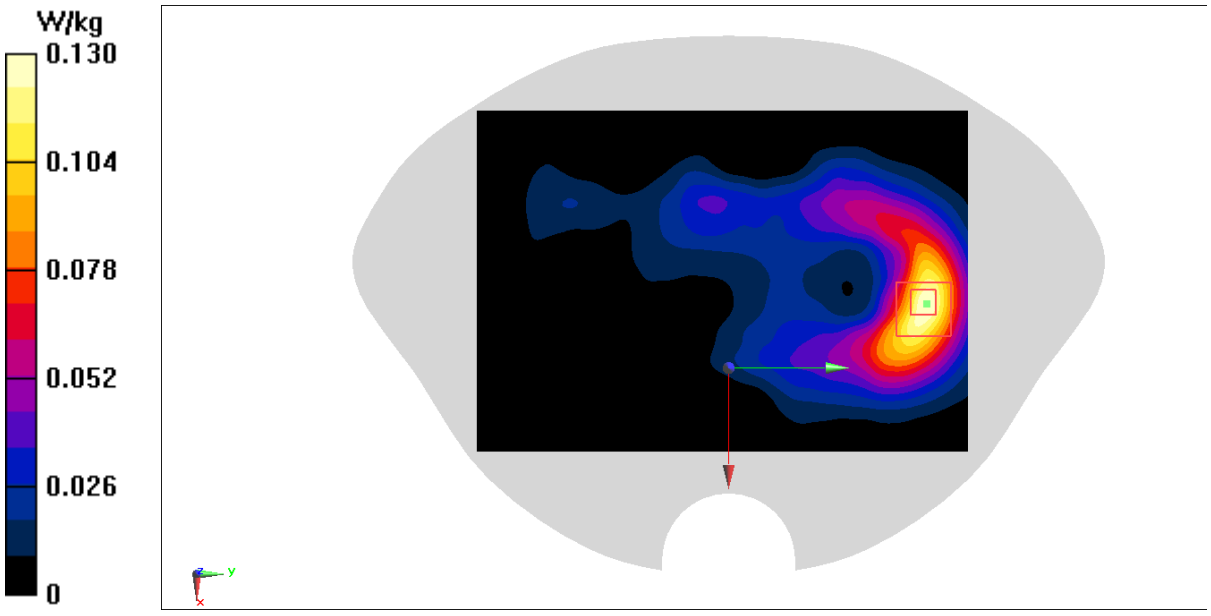
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.311 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



LTE Band41 Head ANT5

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2593 MHz; σ = 2.018 S/m; ε r = 39.87; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2593 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.750 W/kg

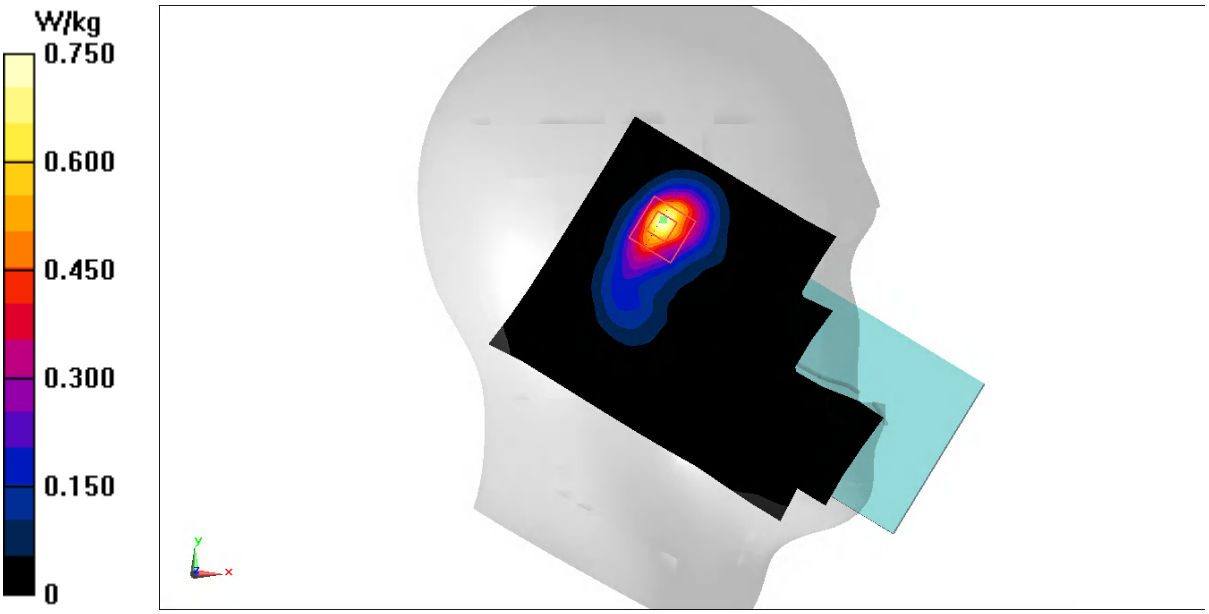
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.25 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.393 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.643 W/kg



LTE Band41 Body 10mm ANT5

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.0577 S/m; ε r = 39.77; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.109 W/kg

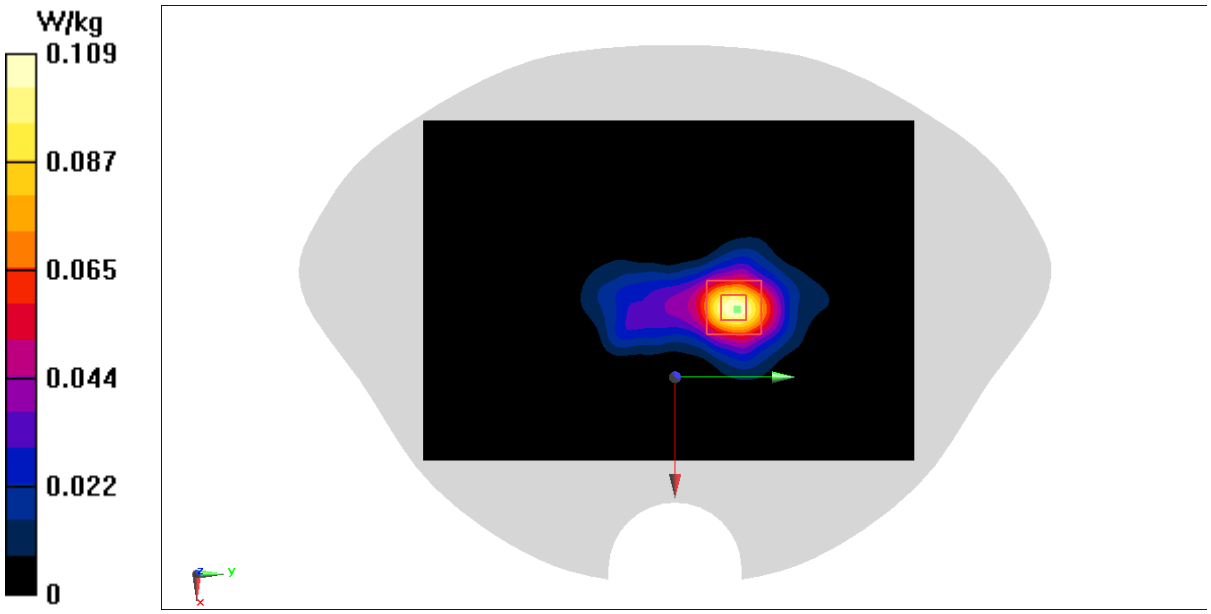
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.280 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.0995 W/kg



LTE Band41 Body 15mm ANT5

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2636.5 MHz; σ = 2.0577 S/m; ε r = 39.77; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, LTE Band41 (0) Frequency: 2636.5 MHz Duty Cycle: 1:1.5787

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0606 W/kg

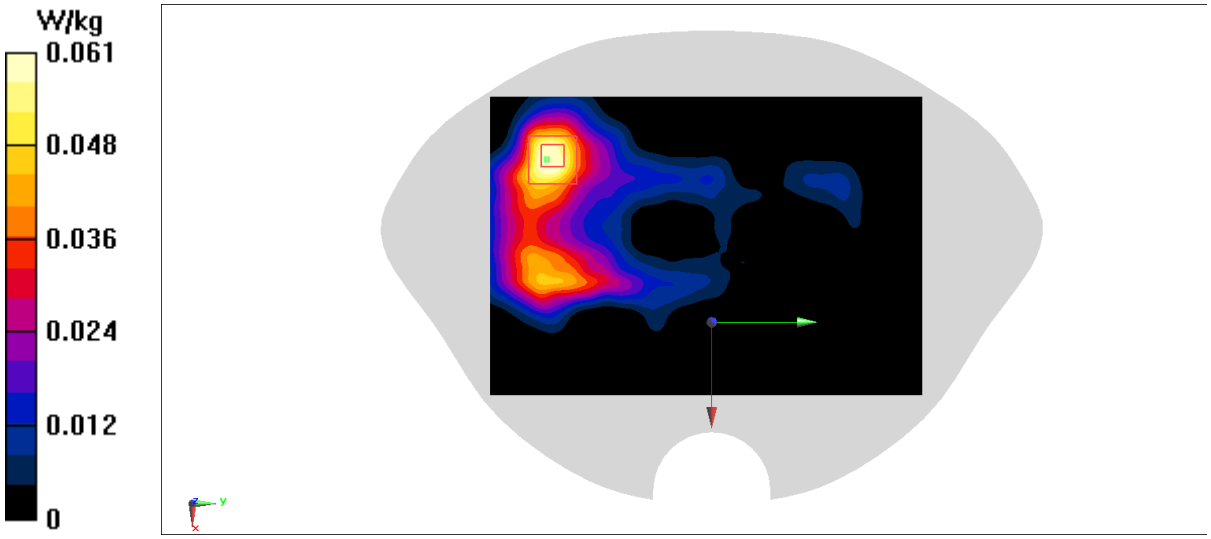
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.731 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.018 W/kg

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



N7 Head ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2567.5 MHz; σ = 1.988 S/m; ε_r = 39.76; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N7 (0) Frequency: 2567.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.430 W/kg

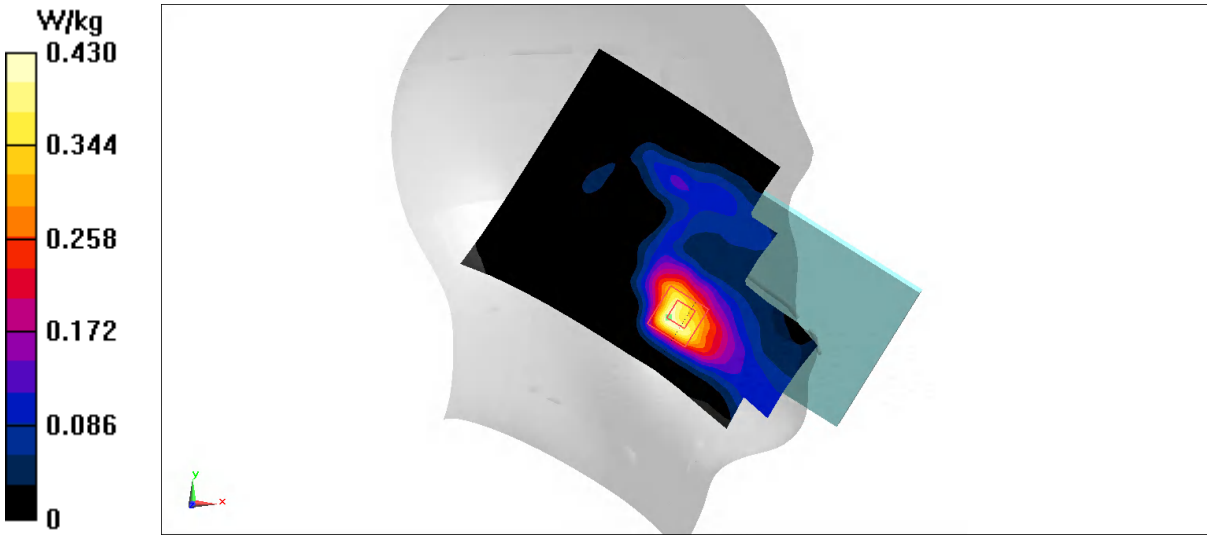
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.854 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.335 W/kg



N7 Body 10mm ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2567.5 MHz; σ = 1.988 S/m; ε r = 39.76; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N7 (0) Frequency: 2567.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.700 W/kg

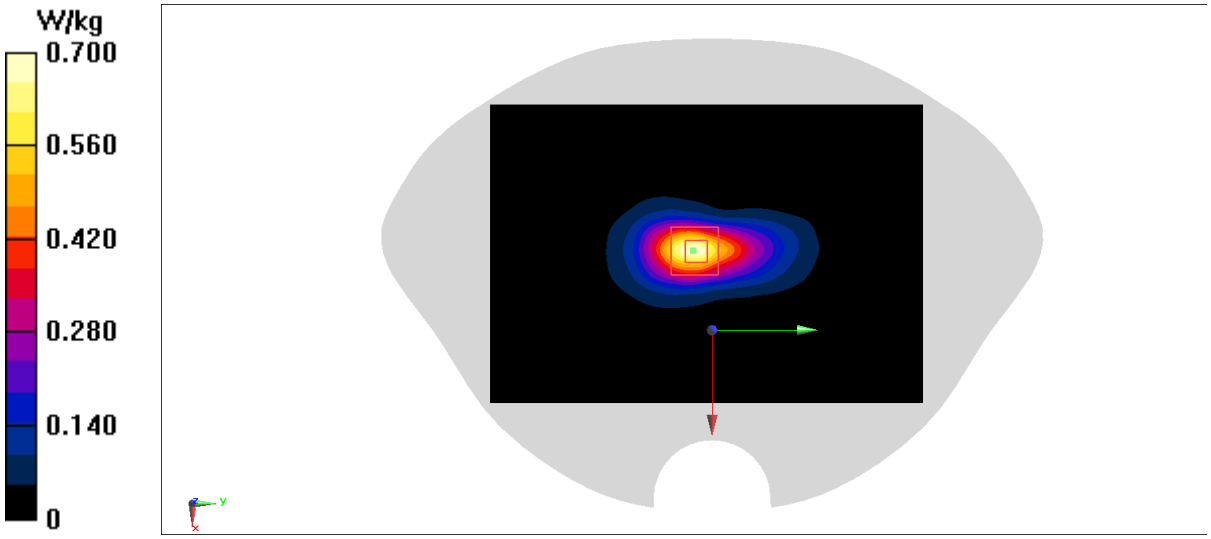
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.521 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.946 W/kg

SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 0.674 W/kg



N7 Body 15mm ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2567.5 MHz; σ = 1.988 S/m; ε r = 39.76; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N7 (0) Frequency: 2567.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.235 W/kg

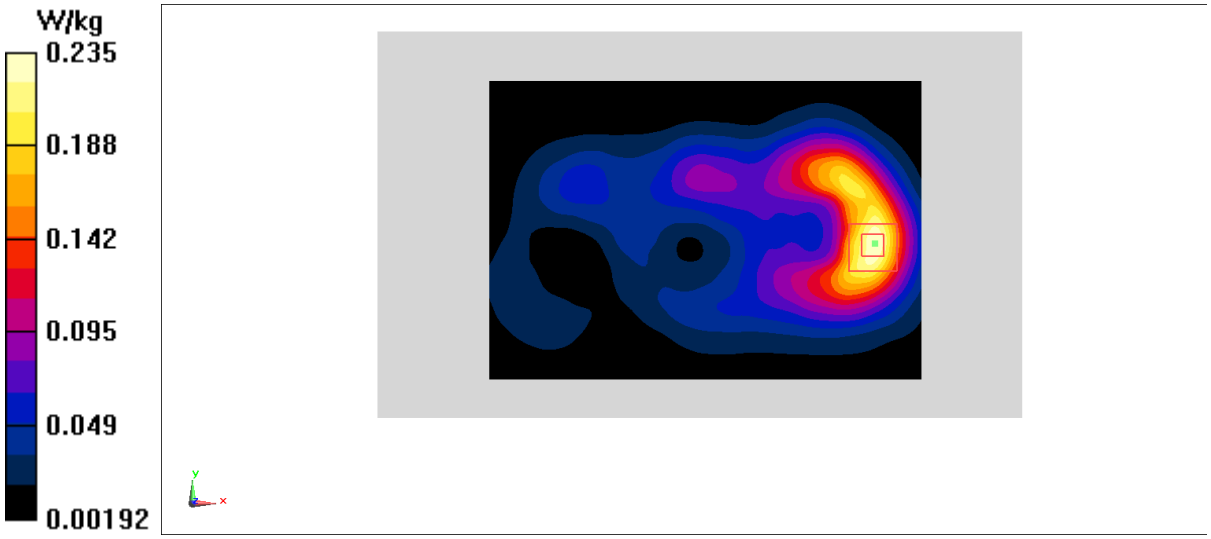
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.620 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.233 W/kg



N7 Head ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2567.5 MHz; σ = 1.988 S/m; ε_r = 39.76; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N7 (0) Frequency: 2567.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

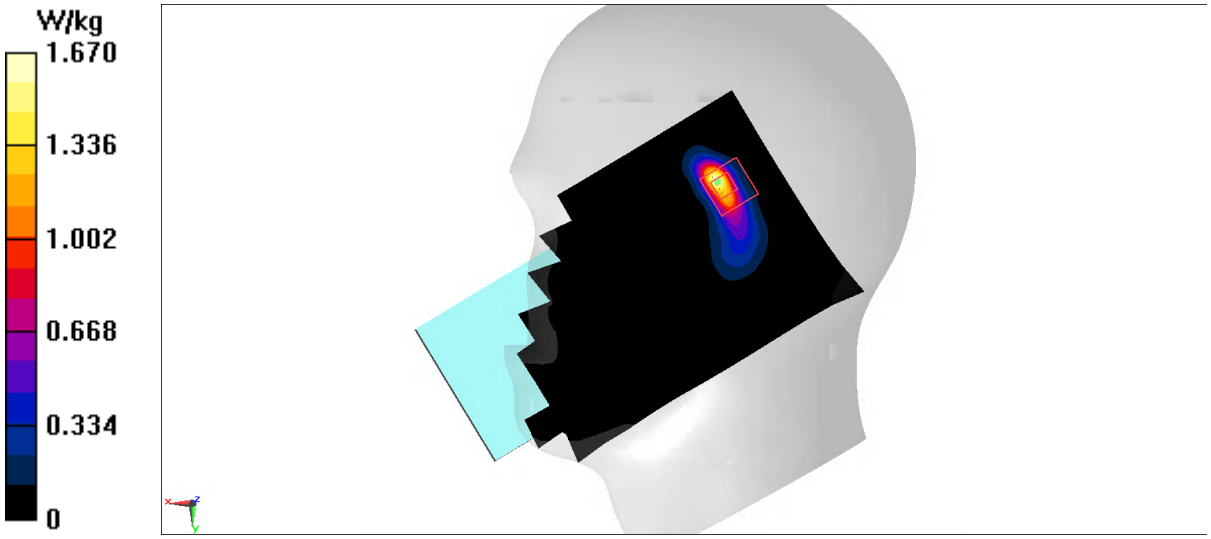
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.25 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.828 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



N7 Body 10mm ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2567.5 MHz; σ = 1.988 S/m; ε r = 39.76; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N7 (0) Frequency: 2567.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.188 W/kg

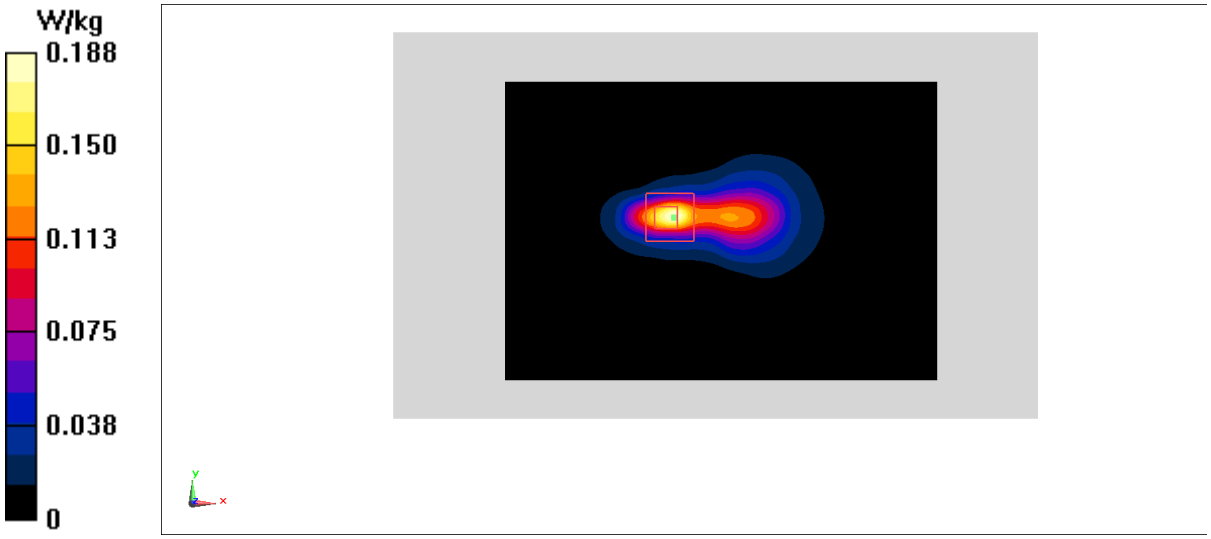
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.966 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



N7 Body 15mm ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2567.5 MHz; σ = 1.988 S/m; ε r = 39.76; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N7 (0) Frequency: 2567.5 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

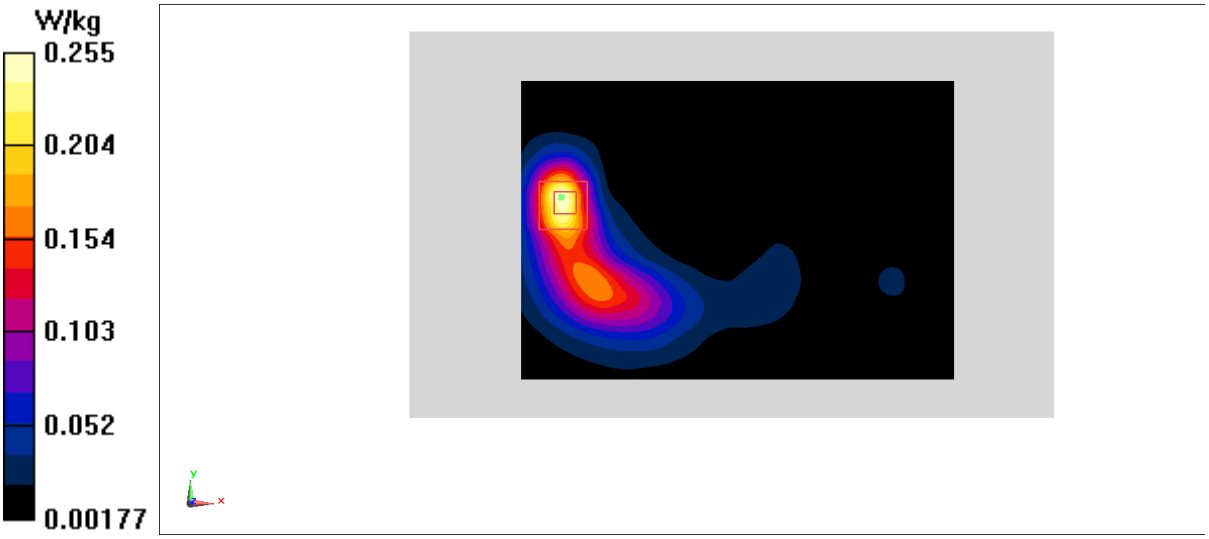
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.353 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.239 W/kg



N38 Head ANT4

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.919 W/kg

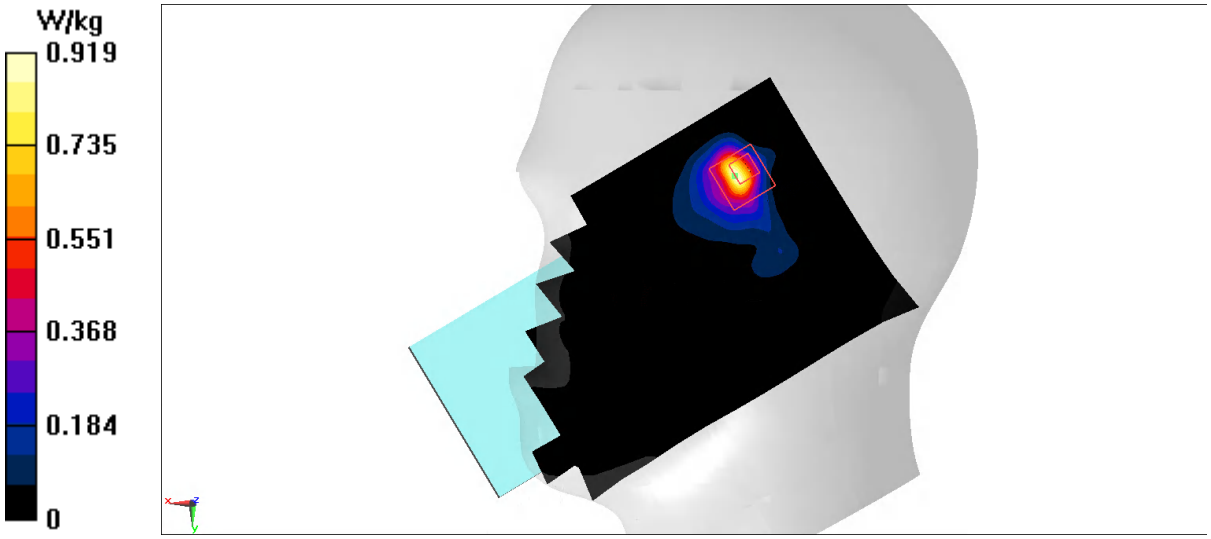
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.624 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.633 W/kg



N38 Body 10mm ANT4

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

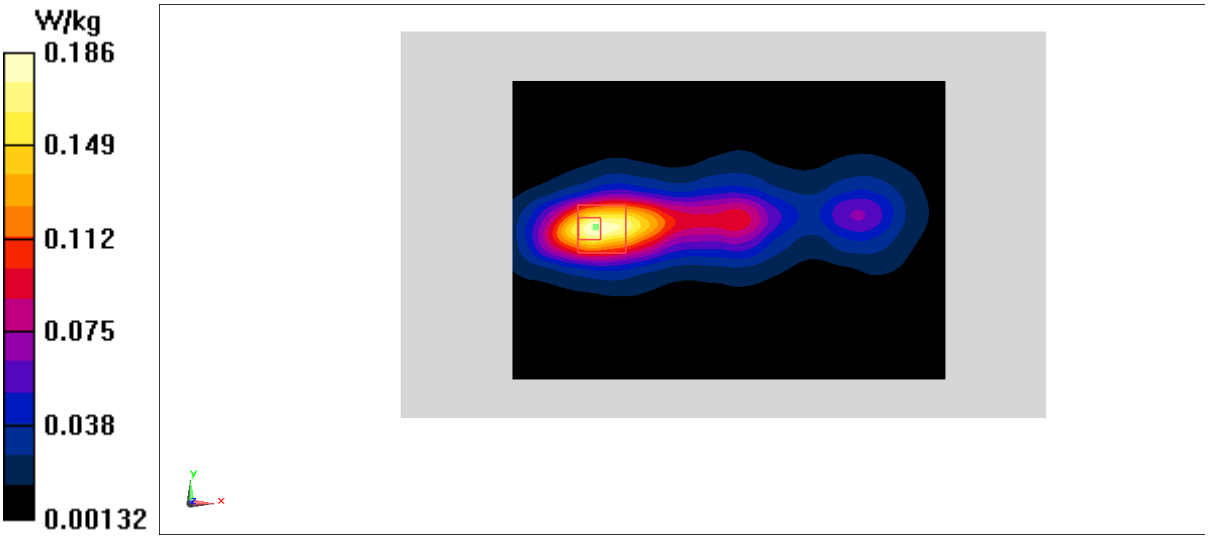
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.983 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



N38 Body 15mm ANT4

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.194 W/kg

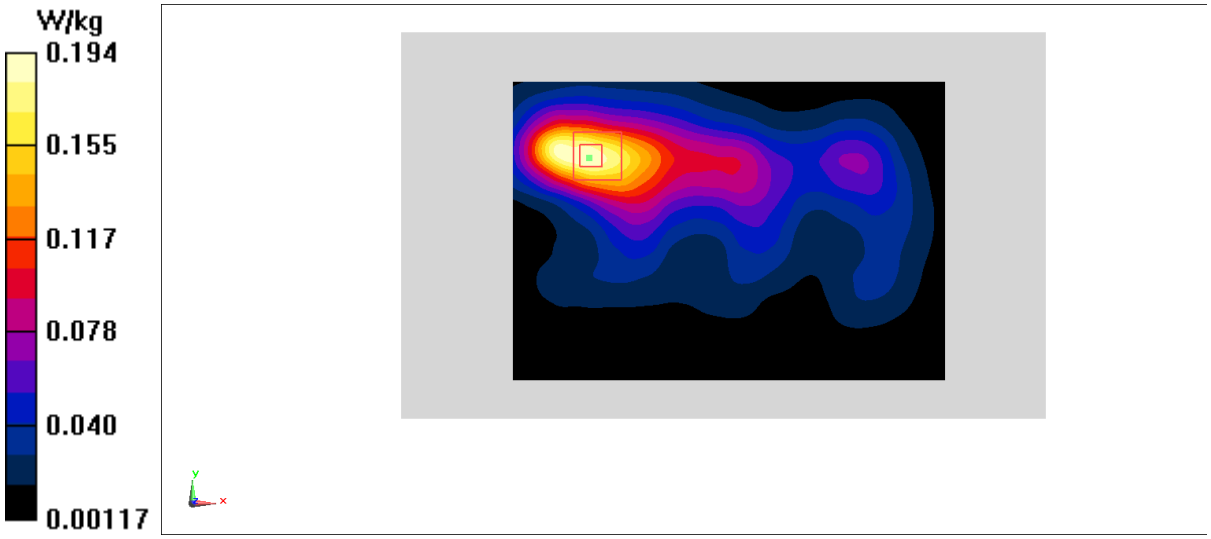
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.768 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



N38 Head ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = -0.12 W/kg

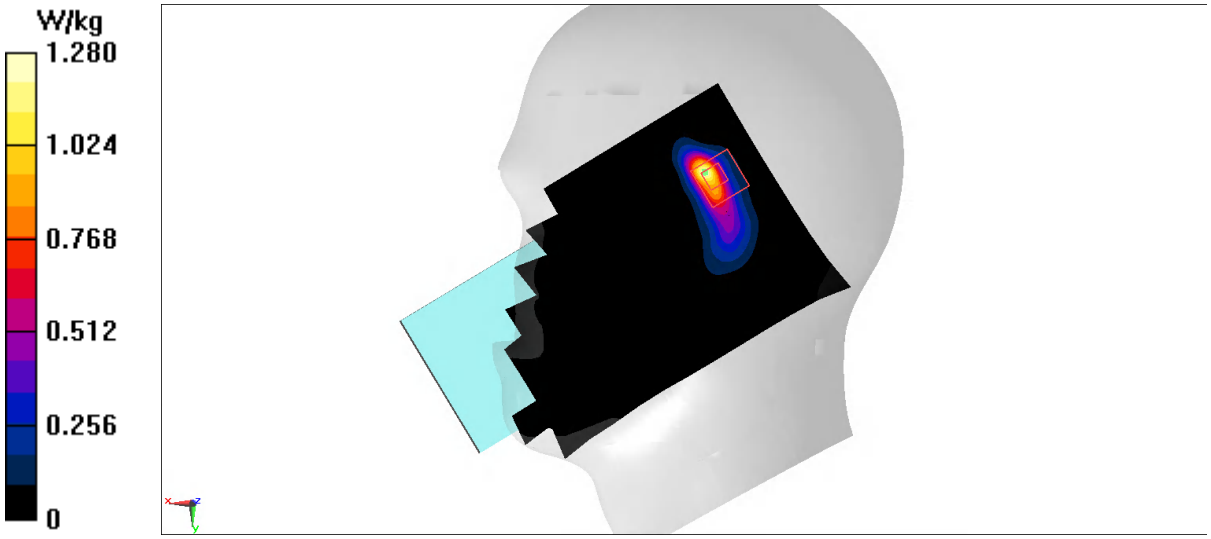
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.82 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.989 W/kg



N38 Body 10mm ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2595 MHz; σ = 2.012 S/m; ε r = 39.7; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G NR (0) Frequency: 2595 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.185 W/kg

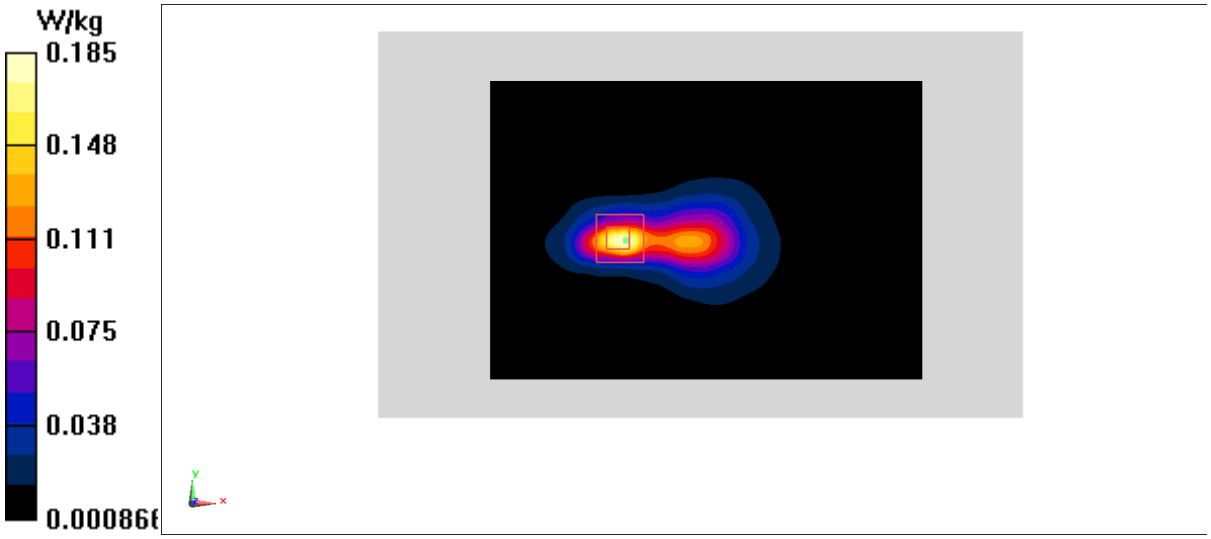
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.887 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.047 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



N38 Body 15mm ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.157 W/kg

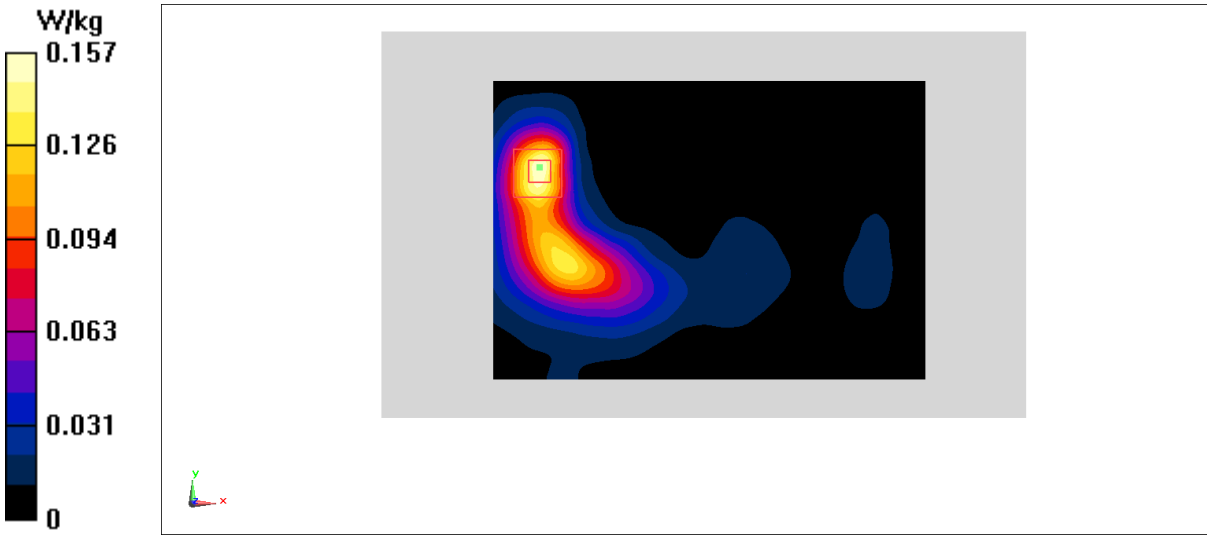
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.113 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



N38 Head ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2610 MHz; σ = 2.024 S/m; ε r = 39.67; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2610 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.348 W/kg

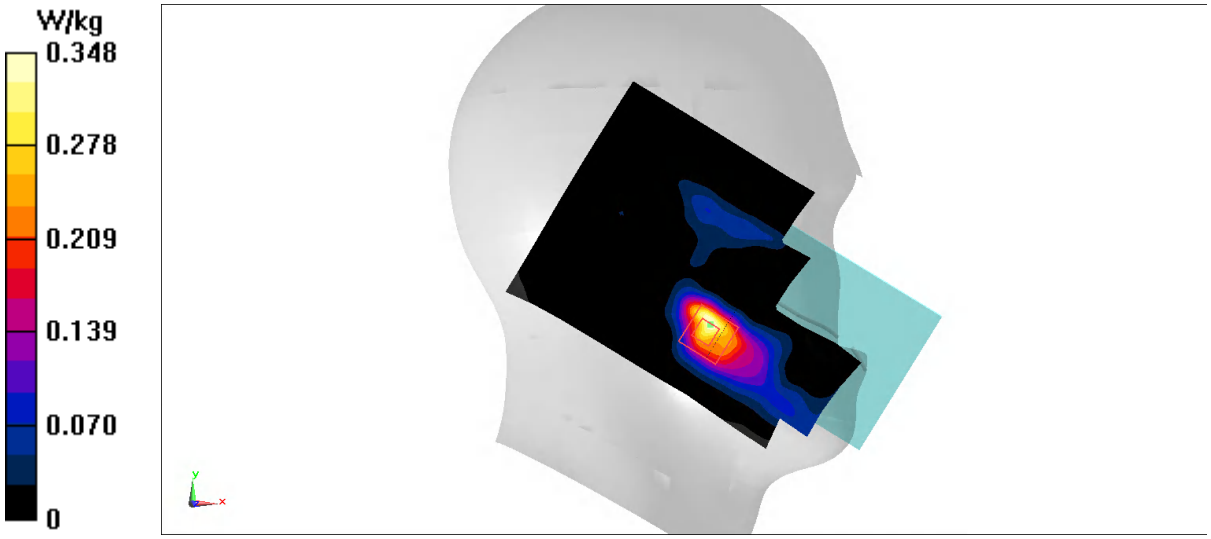
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.018 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.214 W/kg



N38 Body 10mm ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.669 W/kg

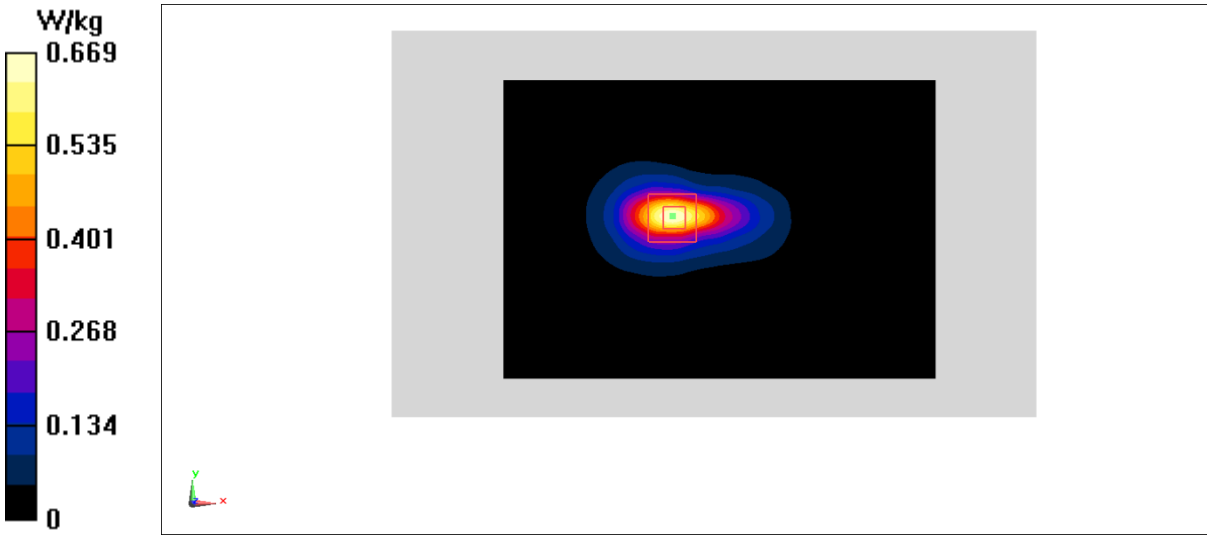
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.40 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.807 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.597 W/kg



N38 Body 15mm ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.308 W/kg

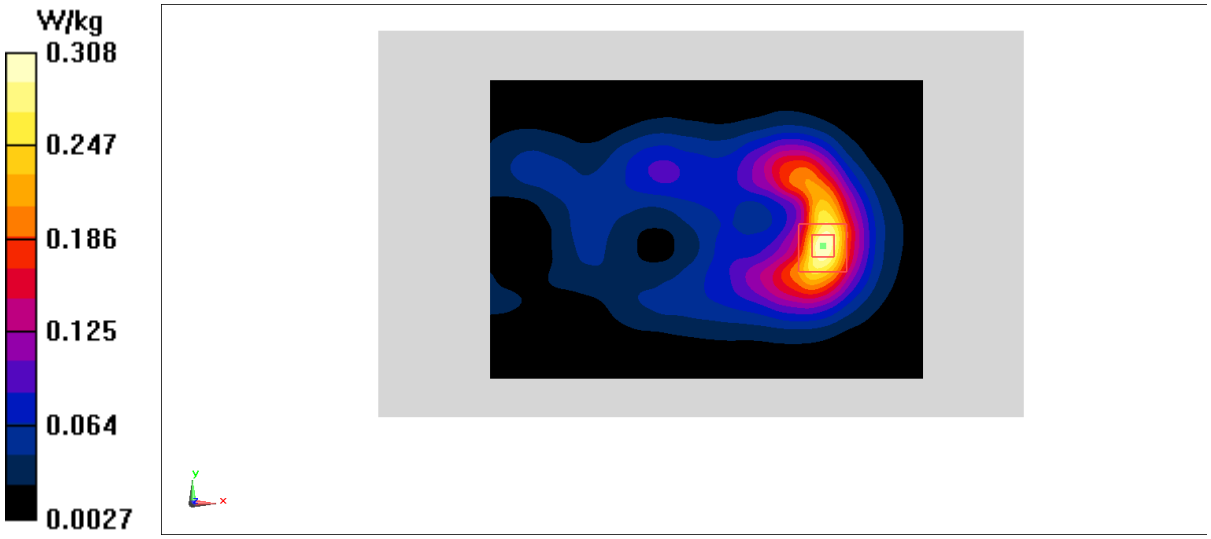
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.605 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.271 W/kg



N38 Head ANT5

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

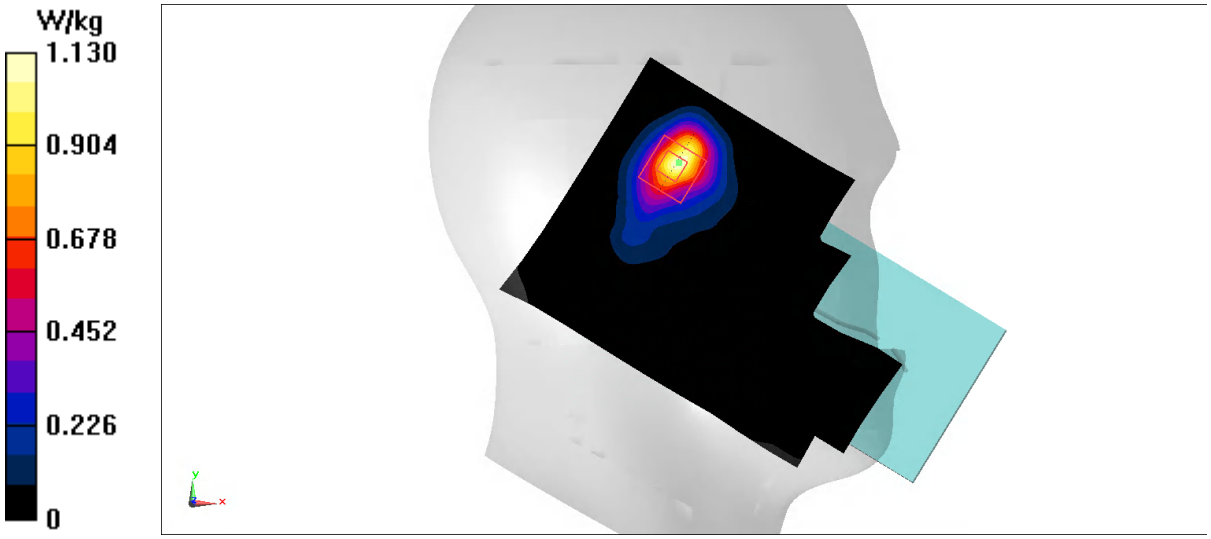
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.32 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 0.948 W/kg



N38 Body 10mm ANT5

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.200 W/kg

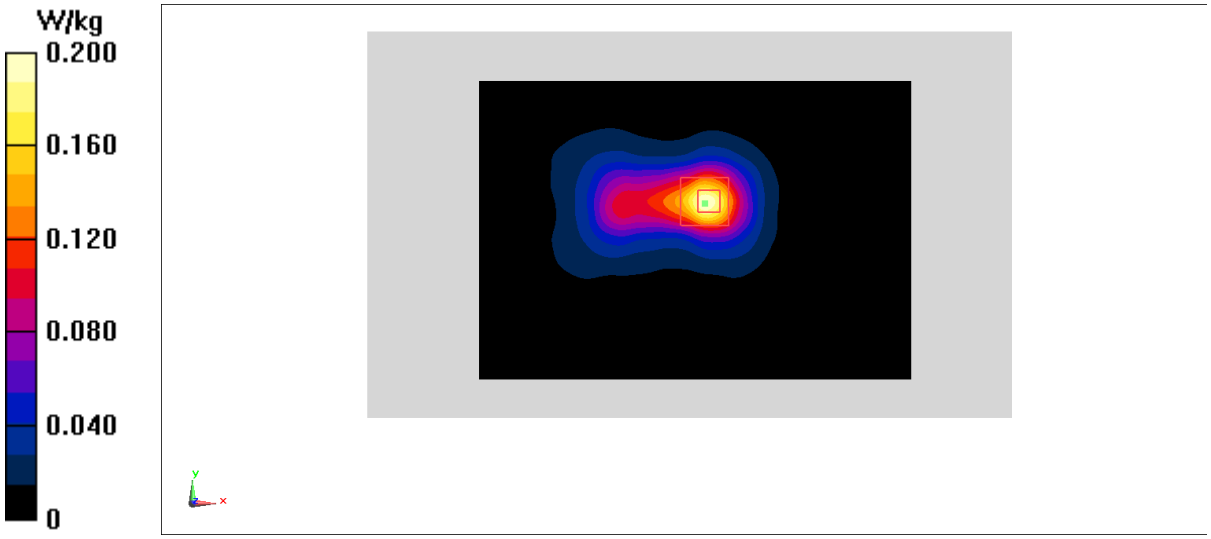
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.057 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.179 W/kg



N38 Body 15mm ANT5

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2580 MHz; σ = 1.999 S/m; ε r = 39.73; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G (0) Frequency: 2580 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.334 W/kg

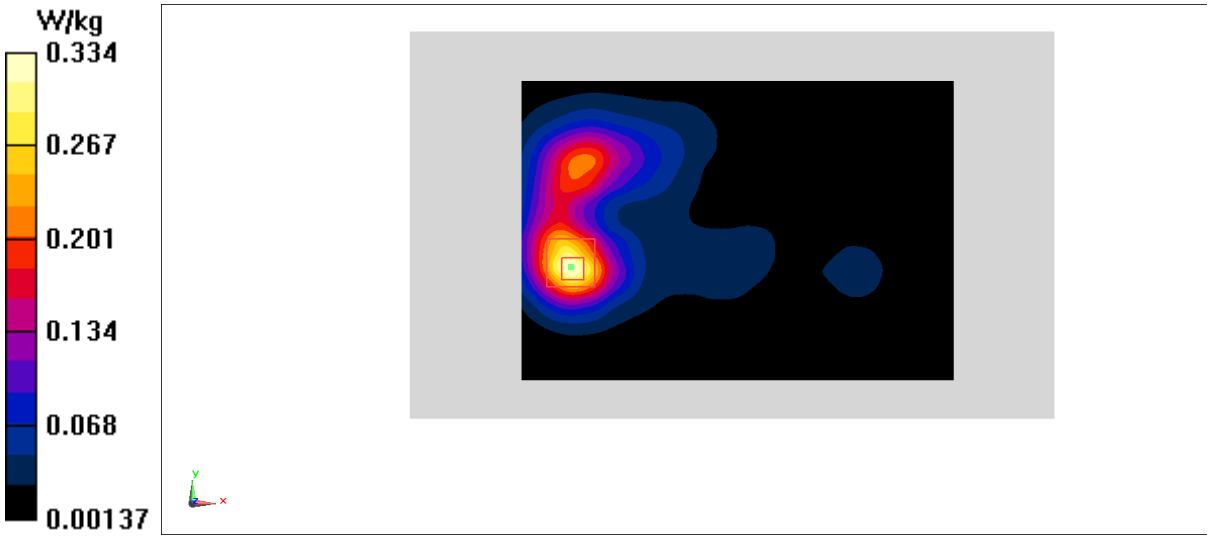
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.917 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.095 W/kg

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



N41 Head ANT4

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2550 MHz; σ = 1.973 S/m; ε r = 39.79; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2549.49 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.55, 7.55, 7.55)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

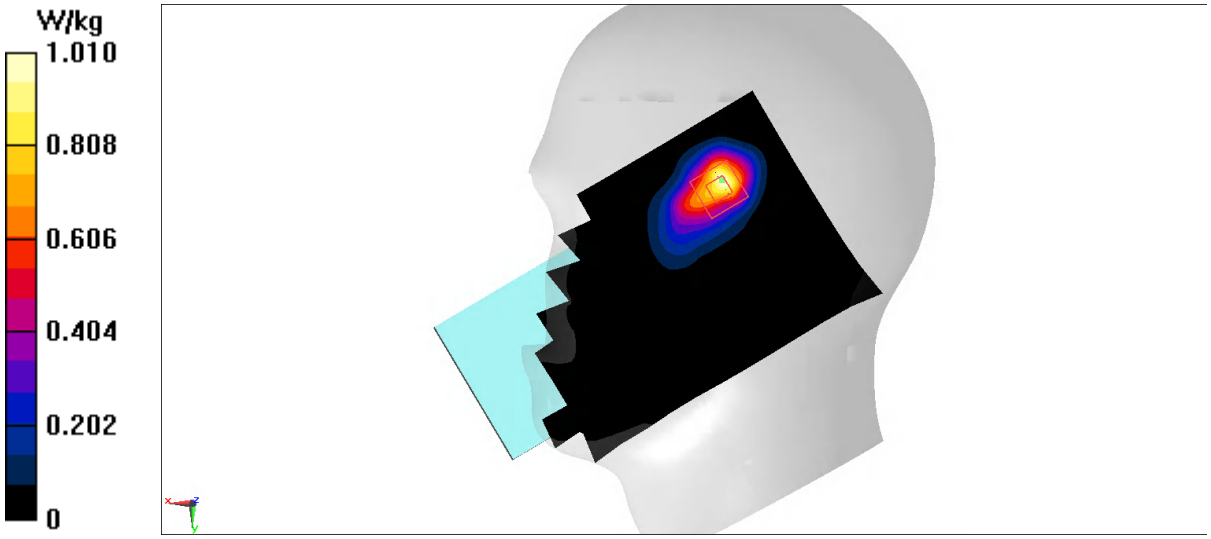
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.216 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 0.772 W/kg



N41 Body 10mm ANT4

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2680 MHz; σ = 2.087 S/m; ε r = 39.52; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G NR (0) Frequency: 2679.99 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.207 W/kg

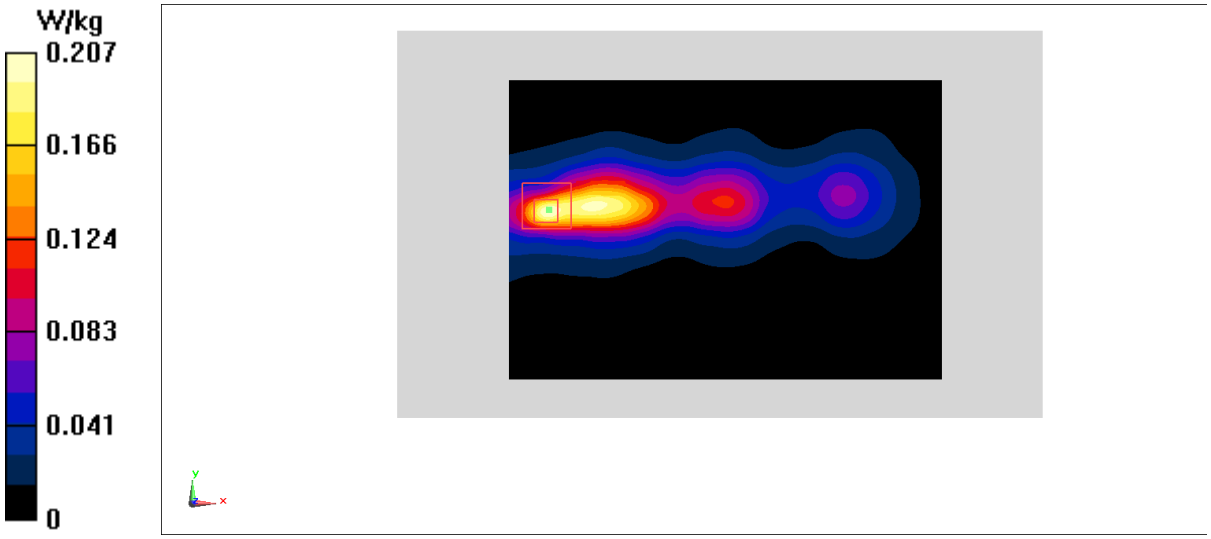
Zoom Scan (8x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.007 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.190 W/kg



N41 Body 15mm ANT4

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2680 MHz; σ = 2.087 S/m; ε r = 39.52; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G NR (0) Frequency: 2679.99 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.343 W/kg

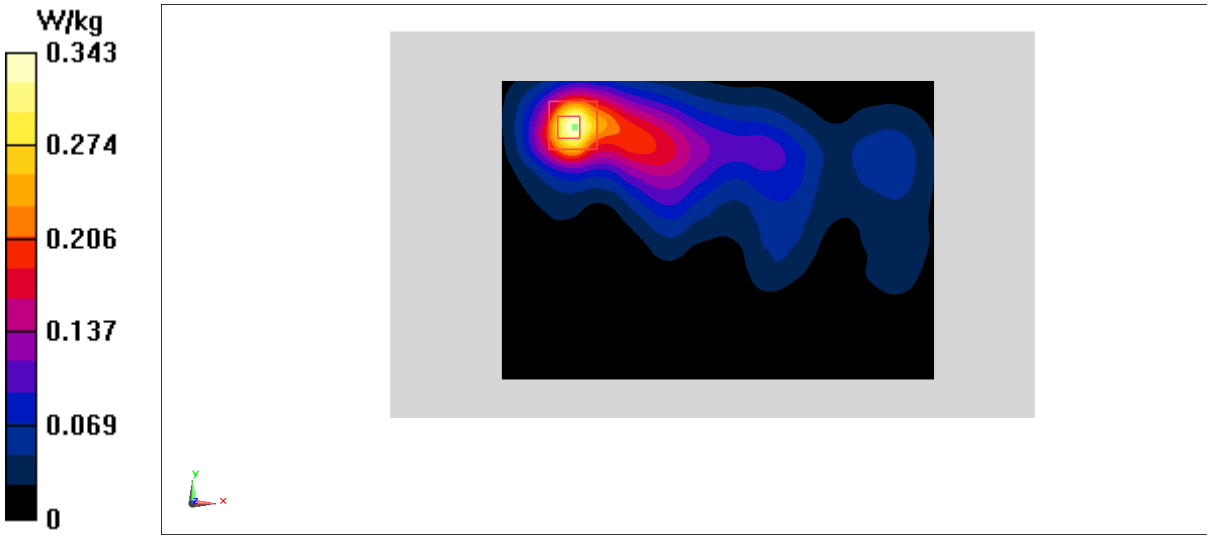
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.978 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.305 W/kg



N41 Head ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2592.99 MHz; σ = 2.009 S/m; ε r = 39.71; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2592.99 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

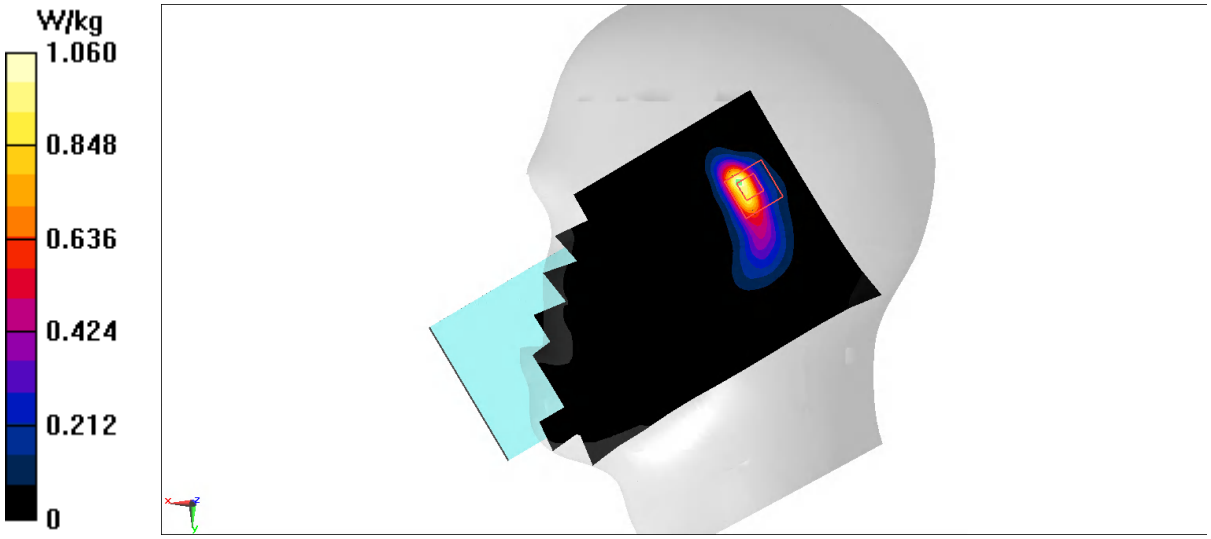
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.67 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.883 W/kg



N41 Body 10mm ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2636.49 MHz; σ = 2.047 S/m; ε r = 39.62; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2636.49 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.216 W/kg

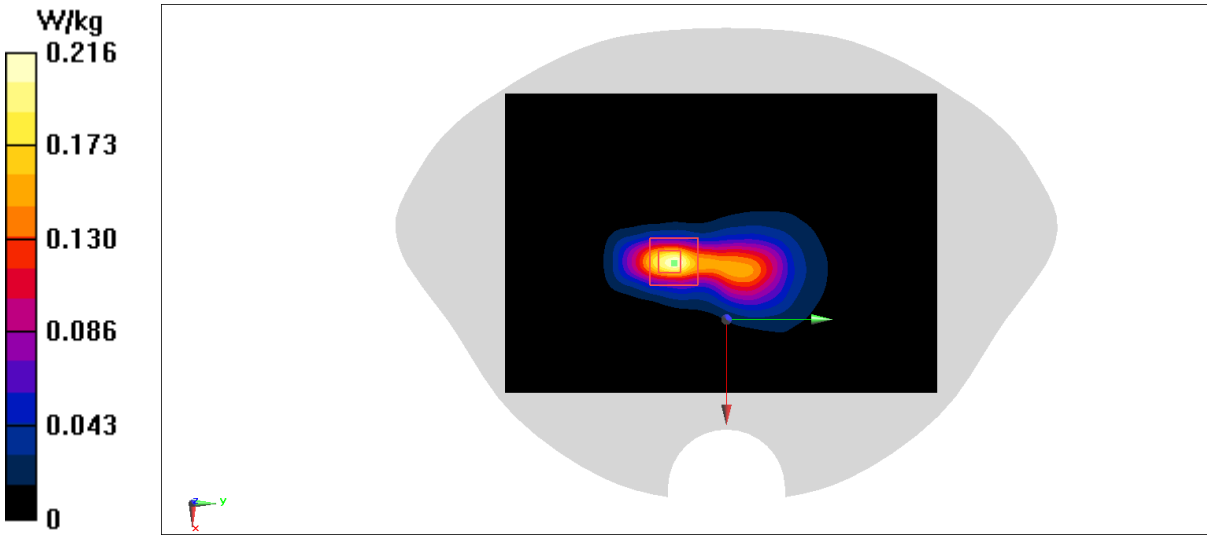
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.419 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



N41 Body 15mm ANT2

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2636.49 MHz; σ = 2.047 S/m; ε r = 39.62; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2636.49 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (131x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.210 W/kg

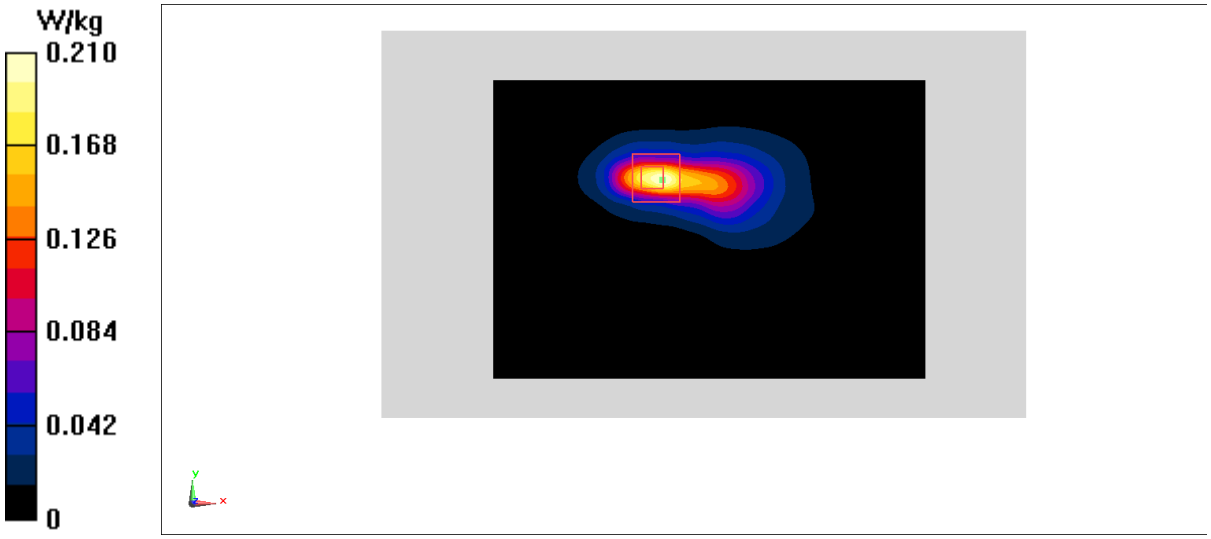
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.068 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.187 W/kg



N41 Head ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2550 MHz; σ = 1.973 S/m; ε r = 39.79; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2549.49 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.55, 7.55, 7.55)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.267 W/kg

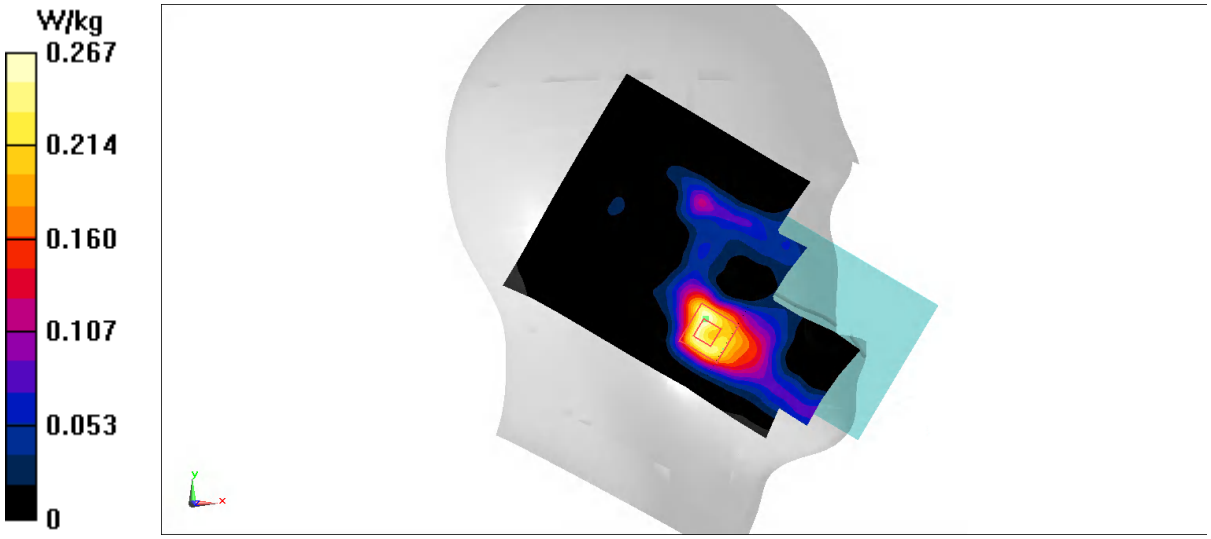
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.902 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



N41 Body 10mm ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2550 MHz; σ = 1.973 S/m; ε r = 39.79; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2549.49 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.55, 7.55, 7.55)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.658 W/kg

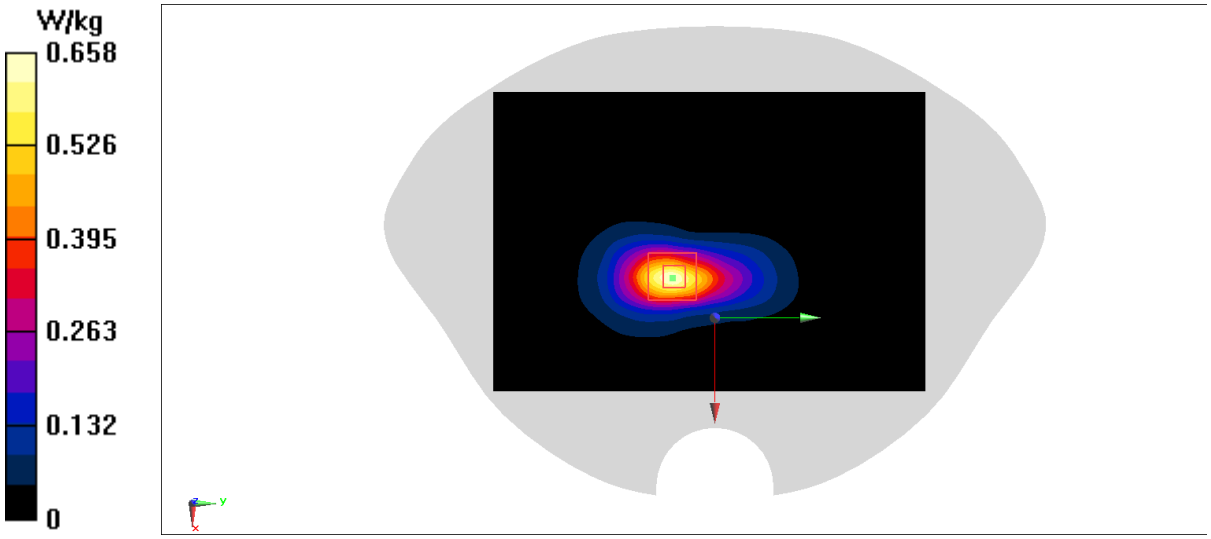
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.40 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.916 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.622 W/kg



N41 Body 15mm ANT0

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2550 MHz; σ = 1.973 S/m; ε r = 39.79; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2549.49 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.55, 7.55, 7.55)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

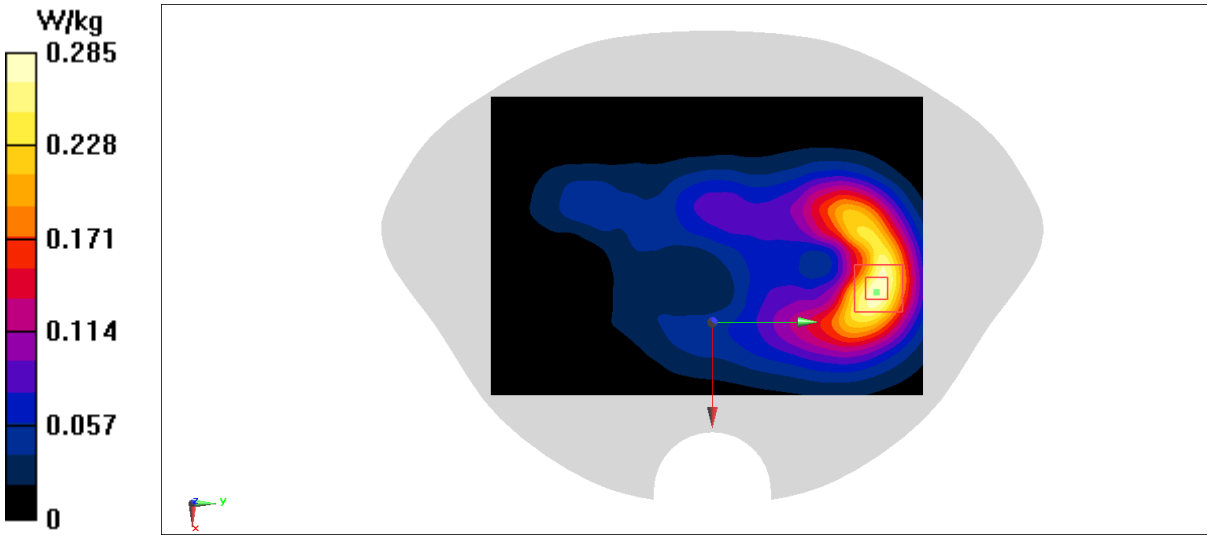
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.644 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



N41 Head ANT5

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2506.02 MHz; σ = 1.935 S/m; ε r = 39.89; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2506.02 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.55, 7.55, 7.55)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.965 W/kg

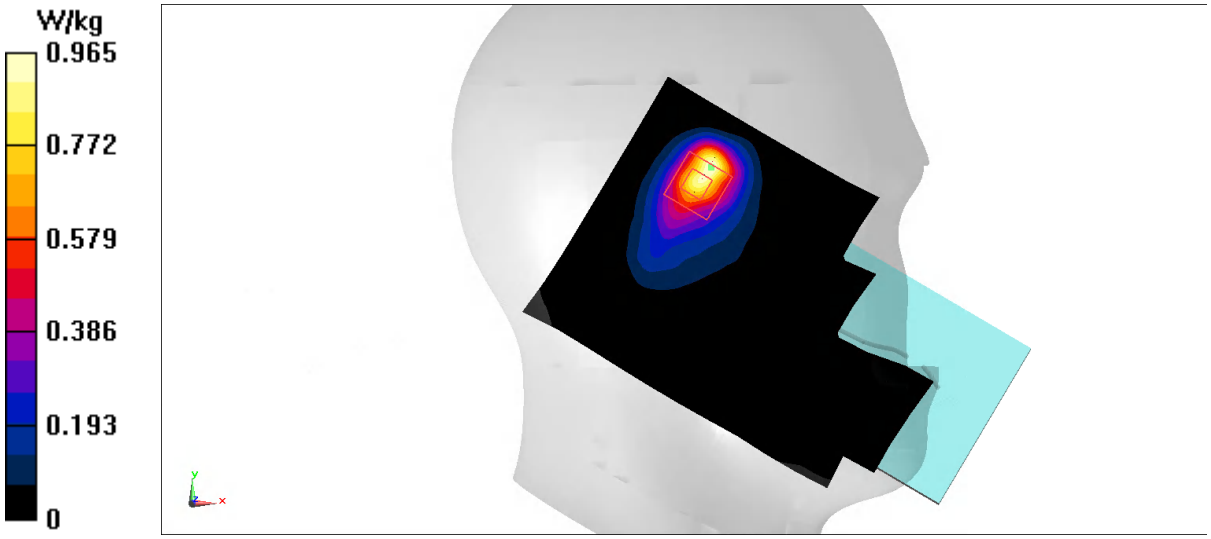
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.79 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 0.881 W/kg



N41 Body 10mm ANT5

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2592.99 MHz; σ = 2.009 S/m; ε r = 39.71; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2592.99 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

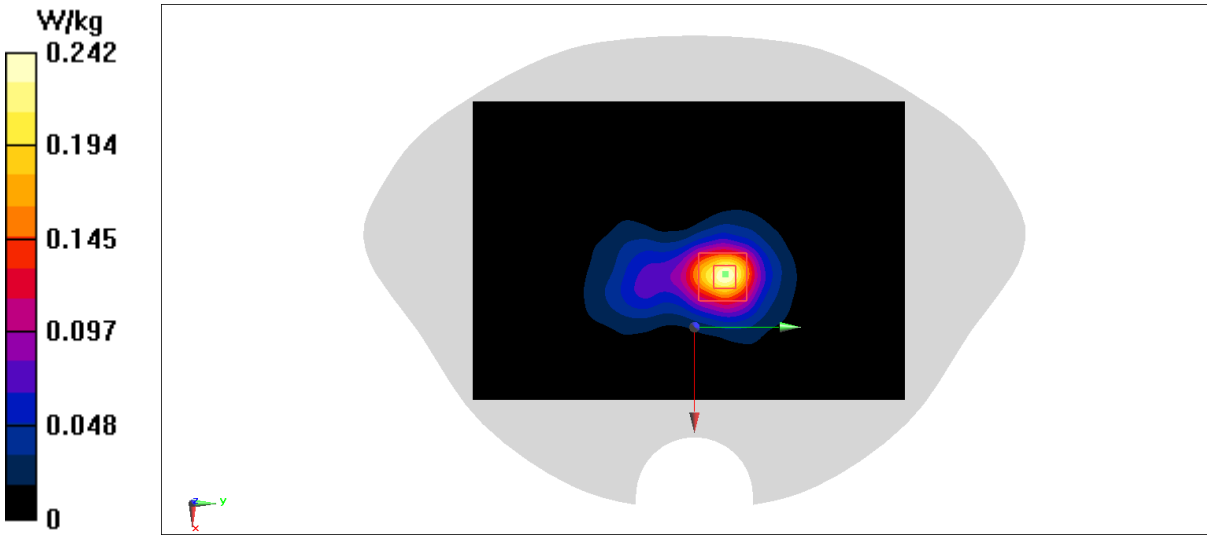
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.432 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.227 W/kg



N41 Body 15mm ANT5

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 2506.02 MHz; σ = 1.935 S/m; ε r = 39.89; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N41 (0) Frequency: 2506.02 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(7.55, 7.55, 7.55)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.288 W/kg

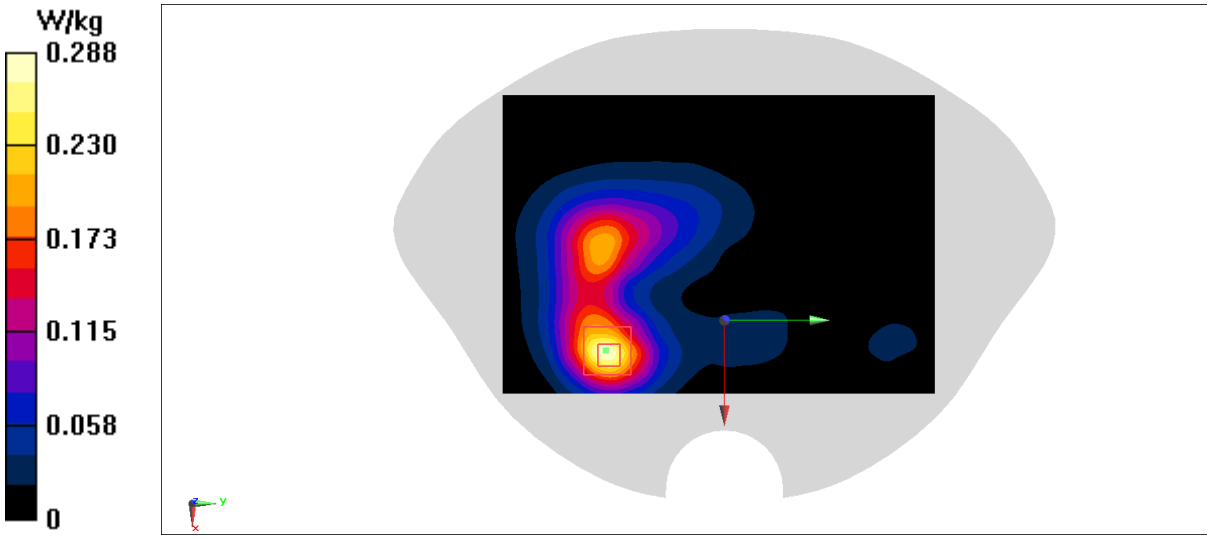
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.774 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.343 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.259 W/kg



N78 Head ANT8

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.847 S/m; ε r = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.868 W/kg

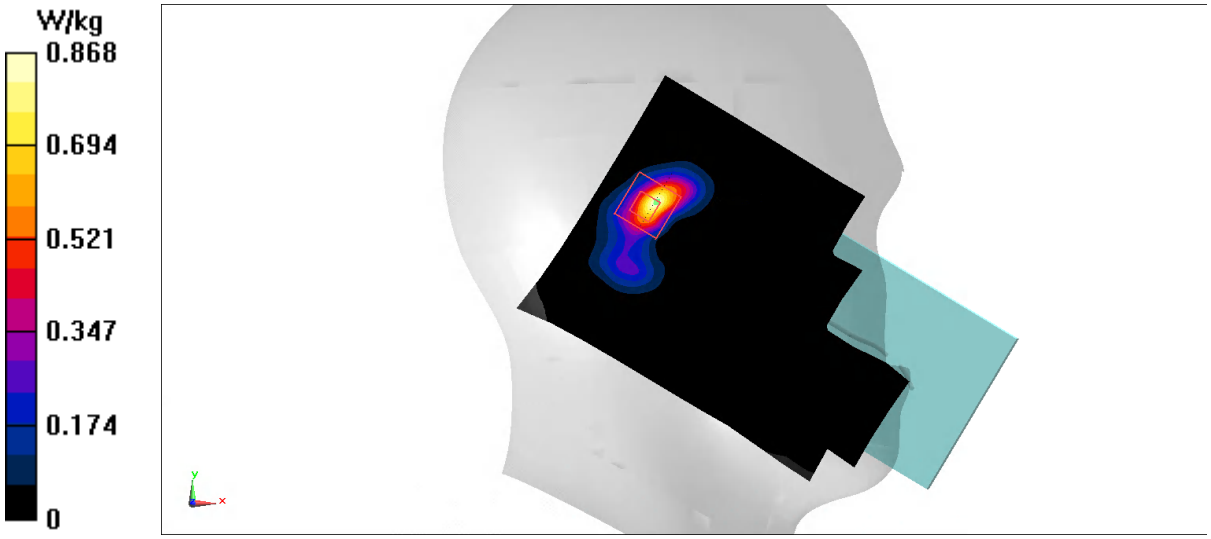
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.01 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.856 W/kg



N78 Body 10mm ANT8

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.847 S/m; ε_r = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.205 W/kg

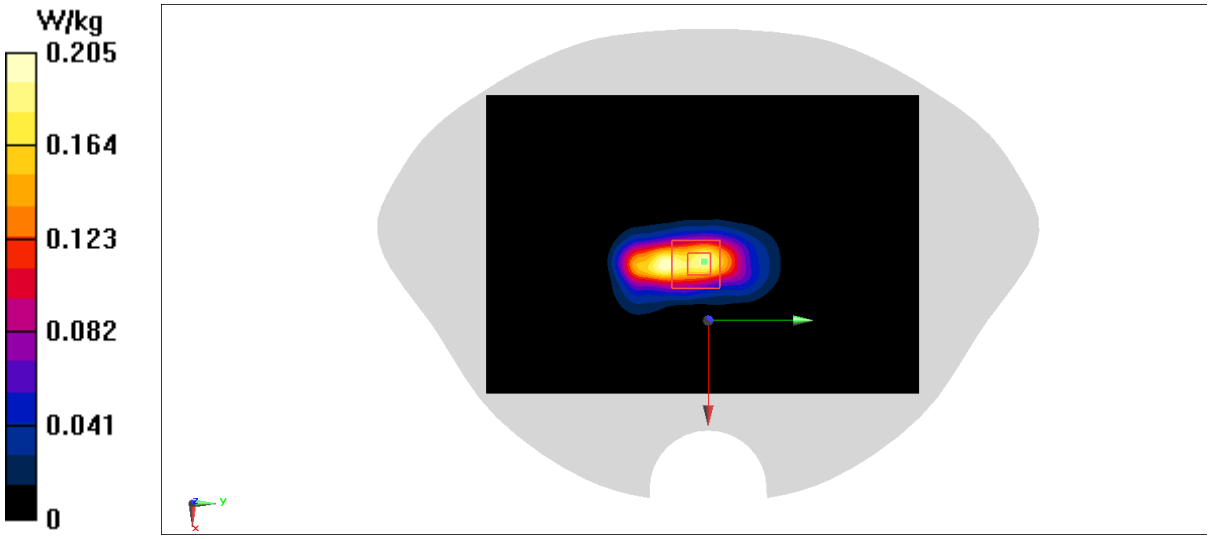
Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.376 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.042 W/kg

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



N78 Body 15mm ANT8

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.847 S/m; ε r = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

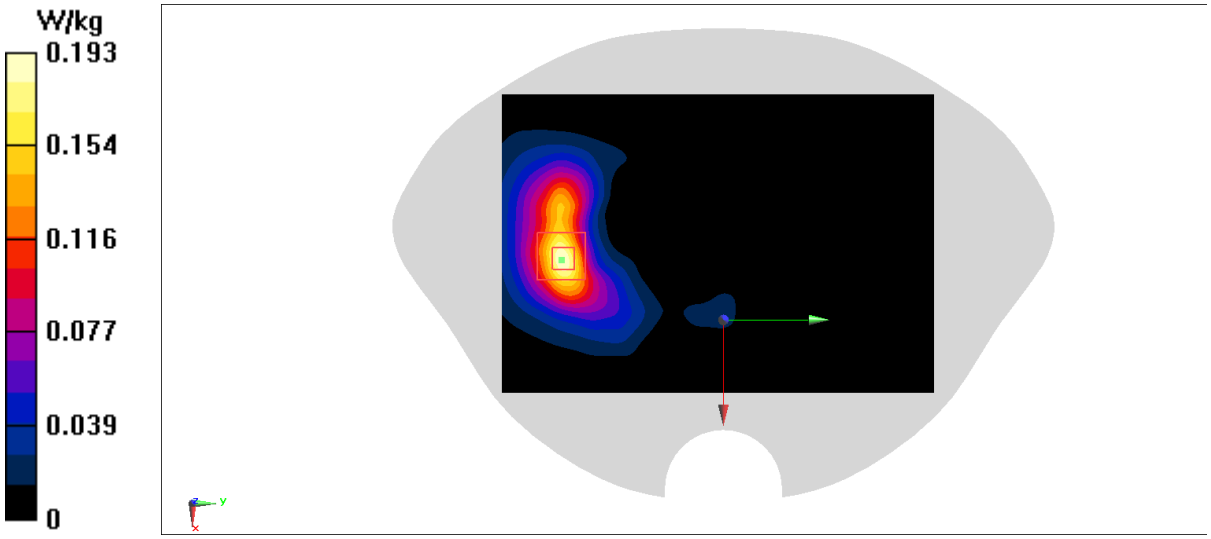
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.034 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.045 W/kg

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



N78 Head ANT10

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.847 S/m; ε_r = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.888 W/kg

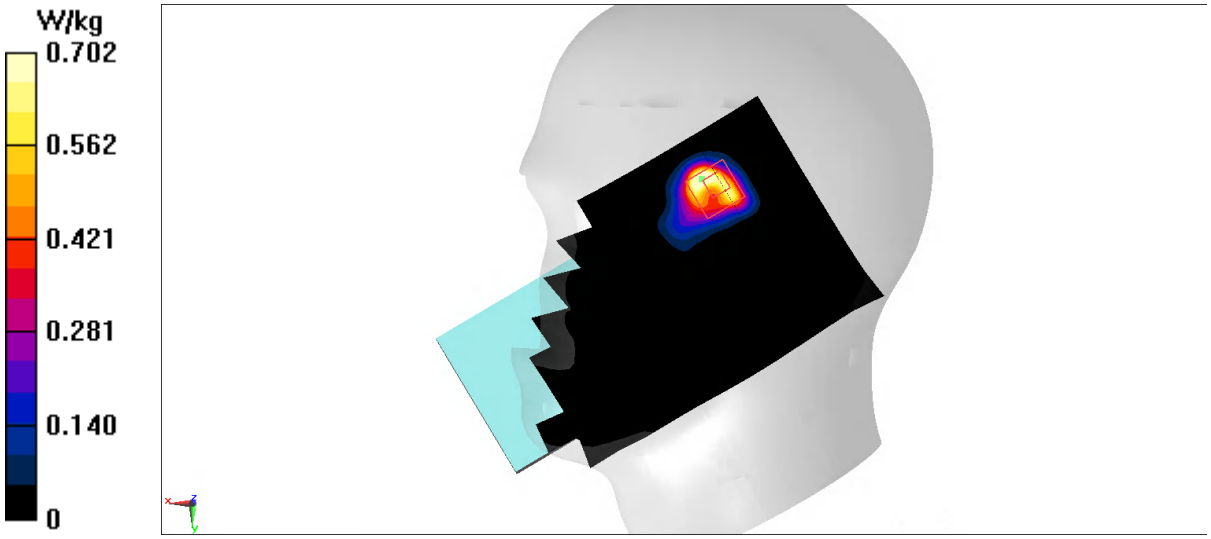
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.004 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.702 W/kg



N78 Body 10mm ANT10

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.847 S/m; ε r = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.101 W/kg

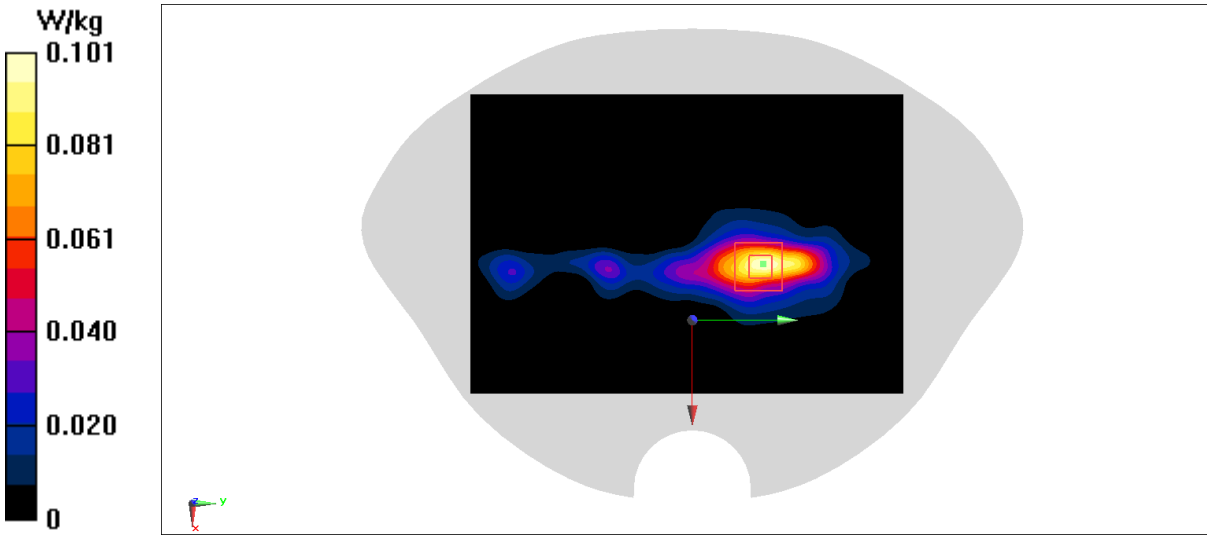
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.180 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0911 W/kg



N78 Body 15mm ANT10

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3460.02 MHz; σ = 2.811 S/m; ε r = 38.29; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3460.02 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.100 W/kg

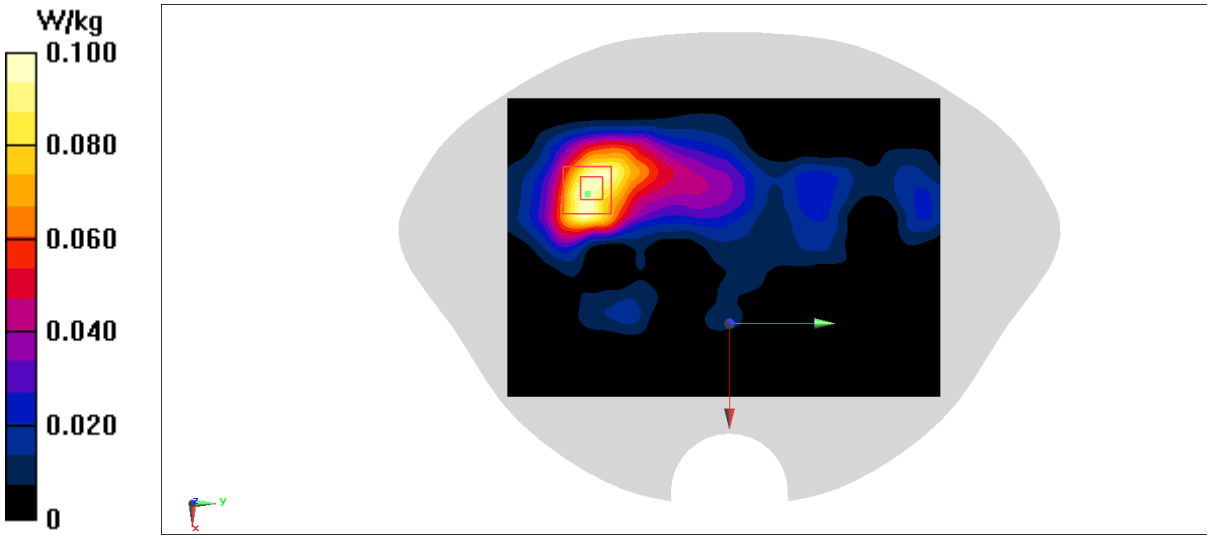
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.899 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.102 W/kg



N78 Head ANT7

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3460.02 MHz; σ = 2.811 S/m; ε r = 38.29; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3460.02 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.699 W/kg

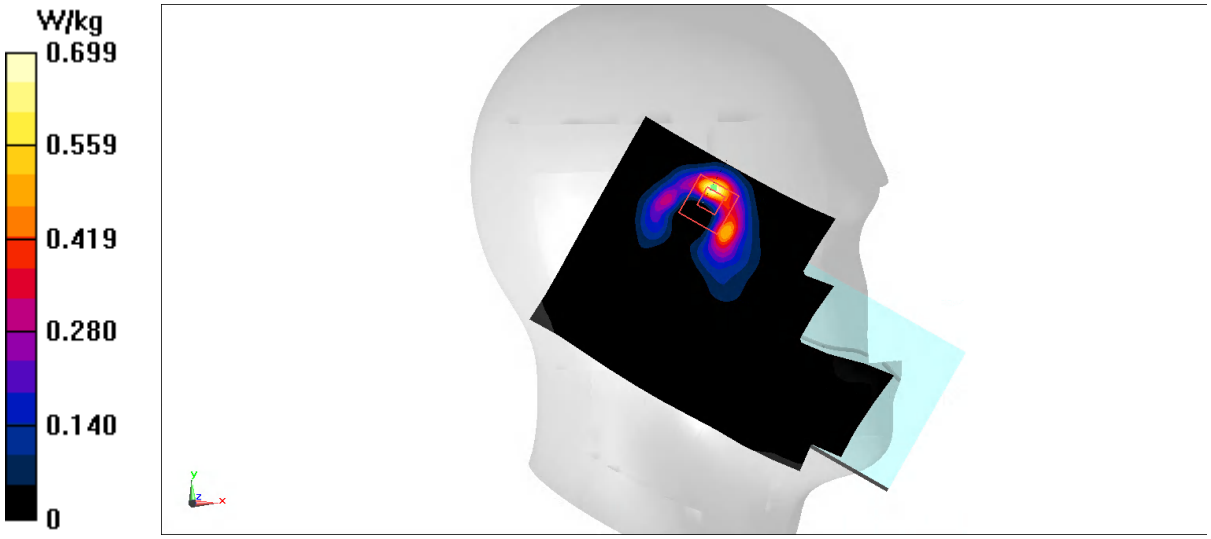
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.234 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



N78 Body 10mm ANT7

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3460.02 MHz; σ = 2.811 S/m; ε r = 38.29; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3460.02 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.287 W/kg

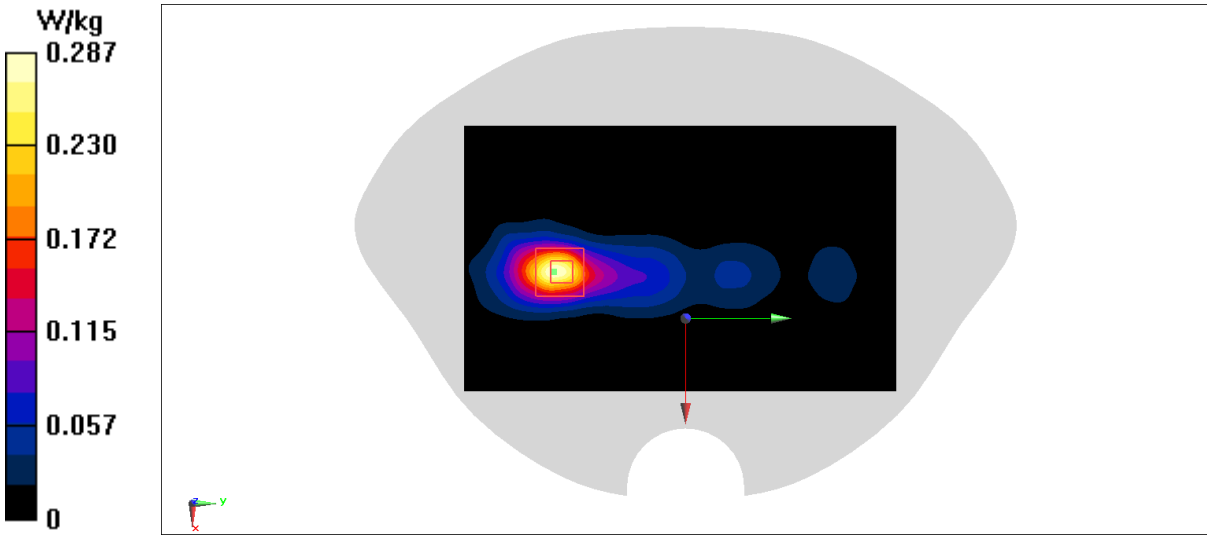
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.232 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.530 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.328 W/kg



N78 Body 15mm ANT7

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3460.02 MHz; σ = 2.811 S/m; ε r = 38.29; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3460.02 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.318 W/kg

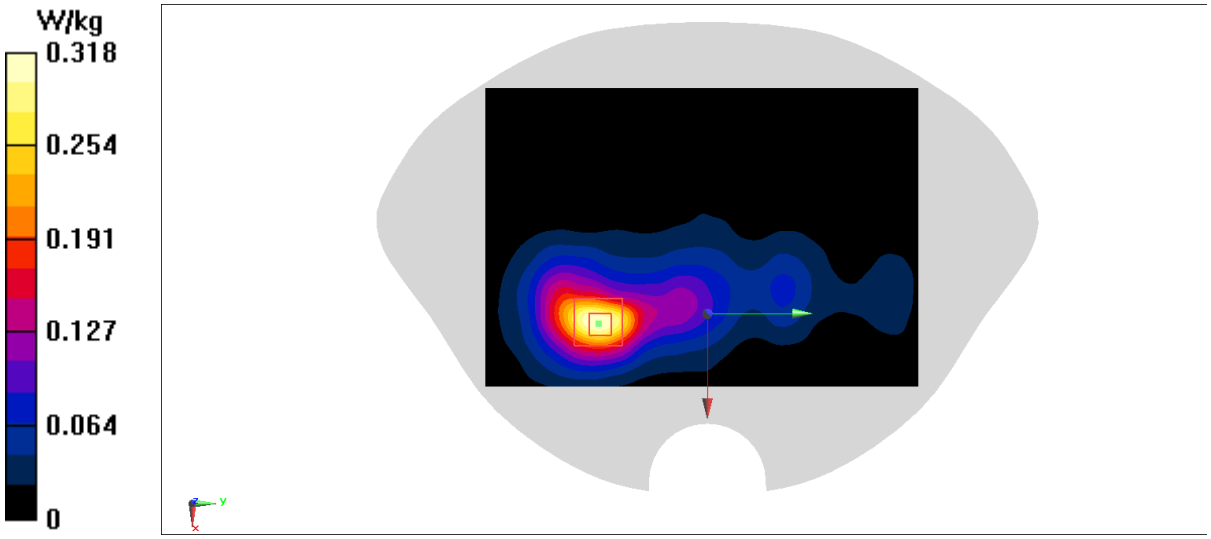
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.590 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.082 W/kg

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



N78 Head ANT2

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3460.02 MHz; σ = 2.811 S/m; ε_r = 38.29; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3460.02 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

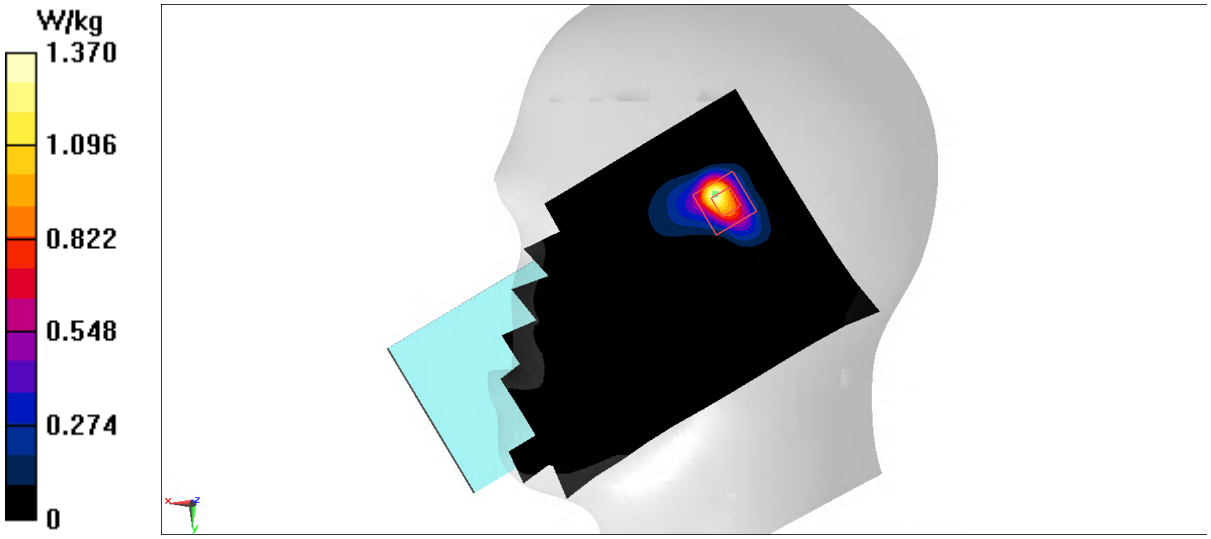
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.281 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.936 W/kg



N78 Body 10mm ANT2

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.847 S/m; ε r = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.297 W/kg

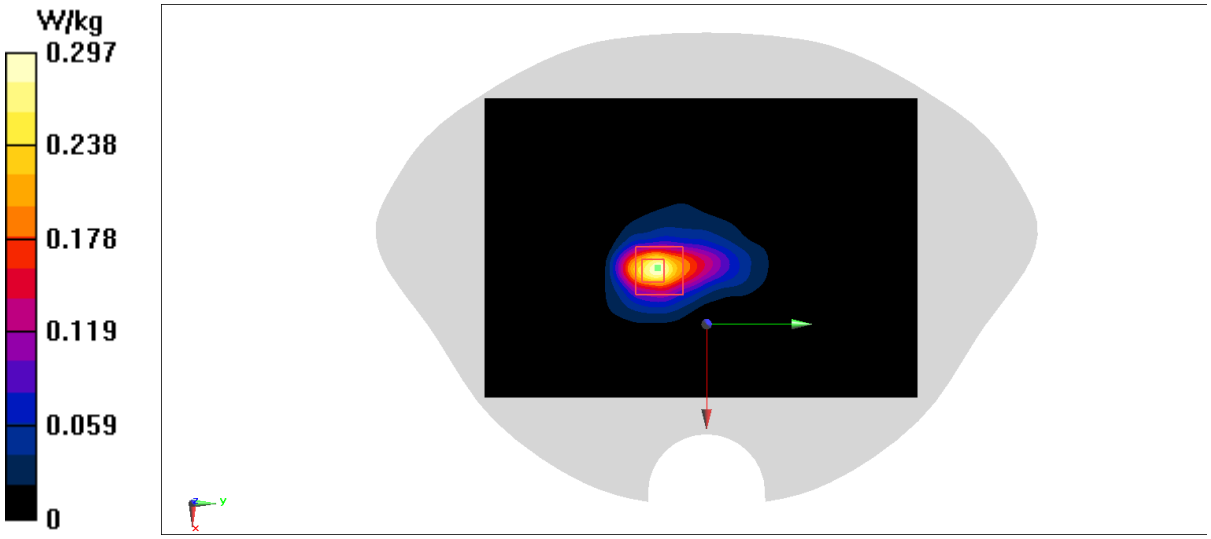
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.567 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.401 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.058 W/kg

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



N78 Body 15mm ANT2

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.847 S/m; ε r = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, 5G N78 (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.322 W/kg

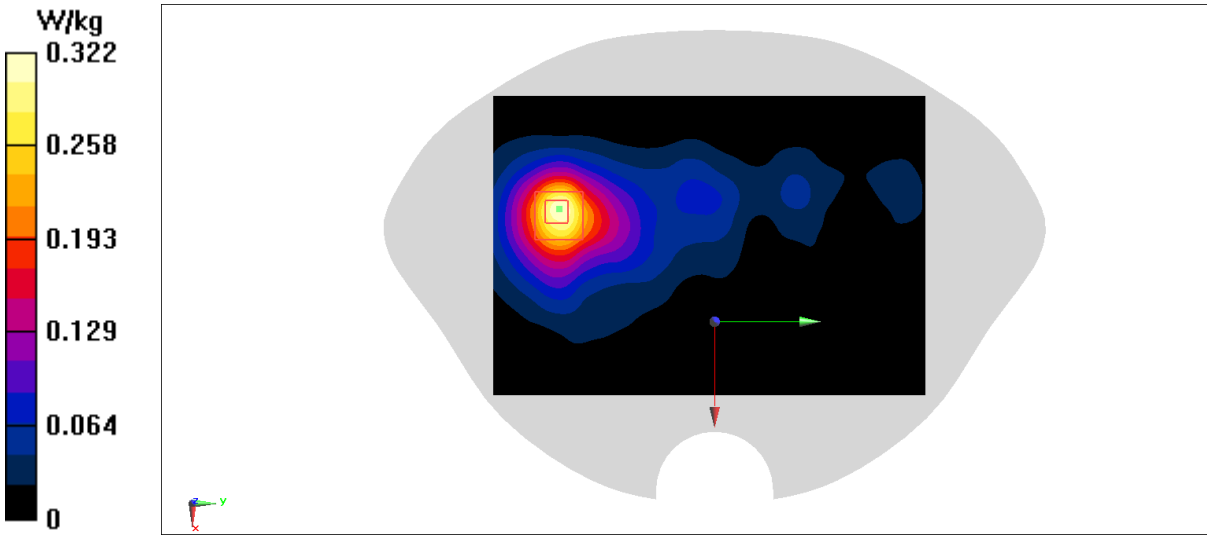
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.923 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.303 W/kg



WIFI2.4G Head

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.849 S/m; ε r = 39.92; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WLan 2450 (0) Frequency: 2412 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.77, 7.77, 7.77)

Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.254 W/kg

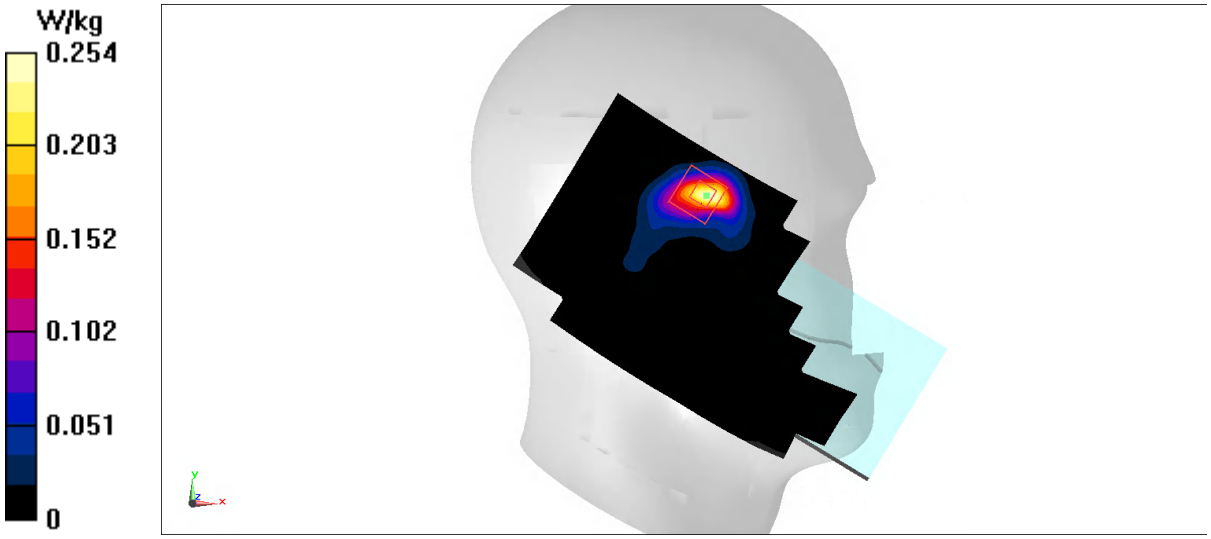
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.784 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.234 W/kg



WIFI2.4G Body 10mm

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.849 S/m; ε r = 39.92; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WLan 2450 (0) Frequency: 2412 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.77, 7.77, 7.77)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.362 W/kg

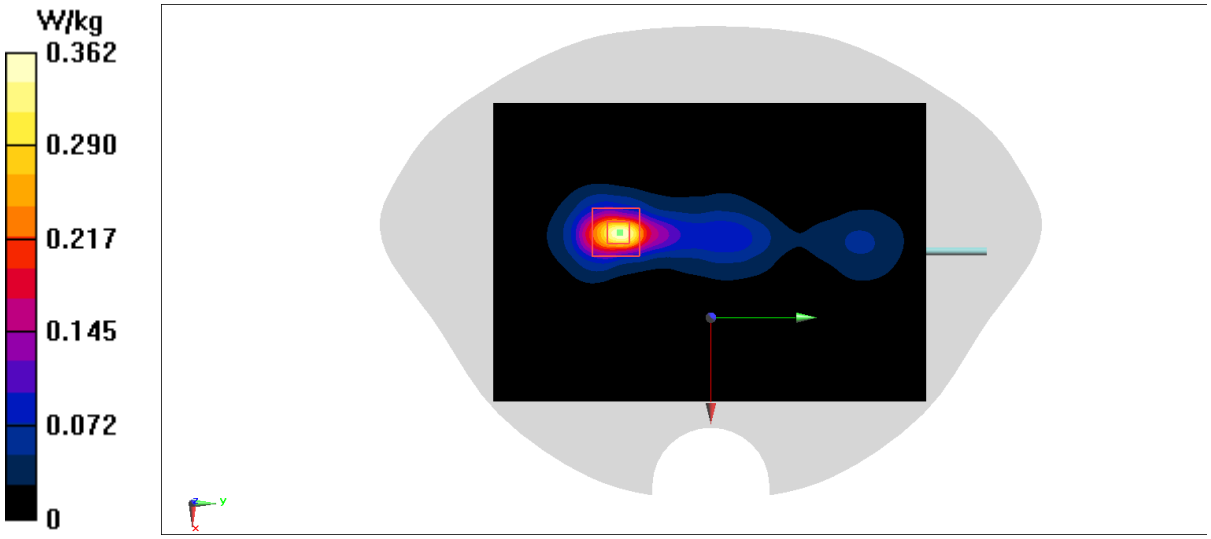
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.418 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.093 W/kg

Maximum value of SAR (measured) = 0.358 W/kg



WIFI2.4G Body 15mm

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.849 S/m; ε r = 39.92; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WLan 2450 (0) Frequency: 2412 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.77, 7.77, 7.77)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

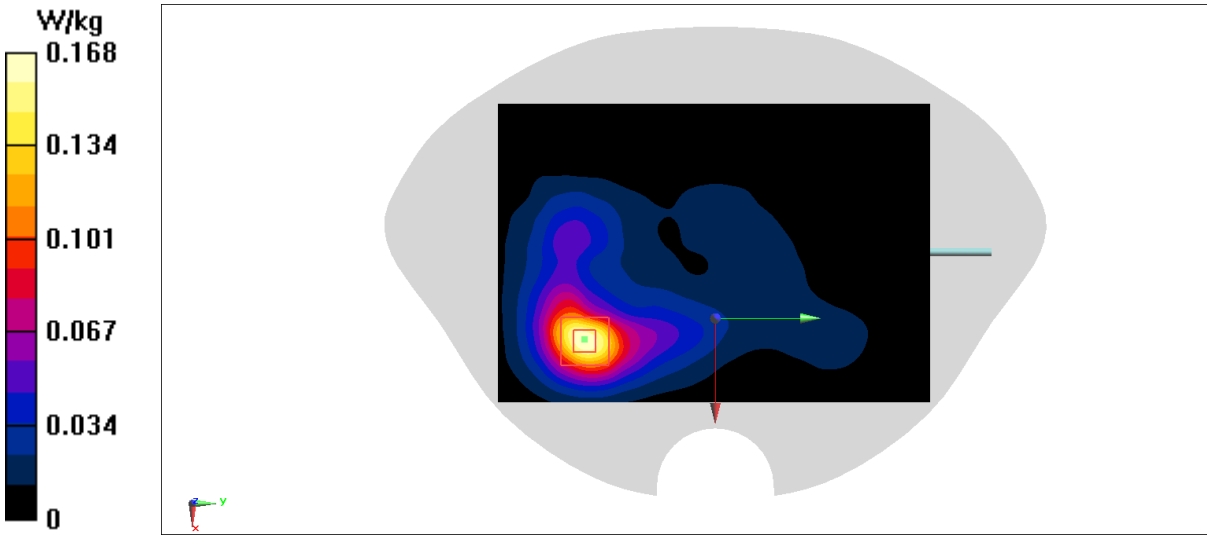
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.675 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



WIFI5G Head

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5775 MHz; σ = 5.256 S/m; ε r = 34.16; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WLan 11a (0) Frequency: 5775 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(4.85, 4.85, 4.85)

Area Scan (81x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.587 W/kg

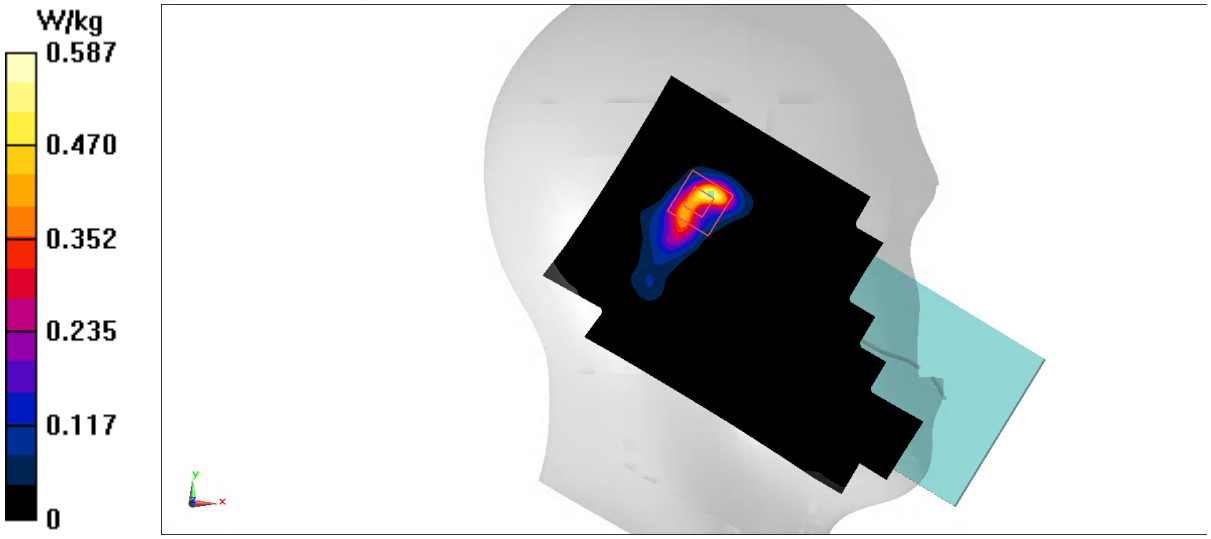
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.073 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.430 W/kg



WIFI5G Body 10mm

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5610 MHz; σ = 5.082 S/m; ε r = 34.48; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WLan 11a (0) Frequency: 5610 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(4.91, 4.91, 4.91)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.650 W/kg

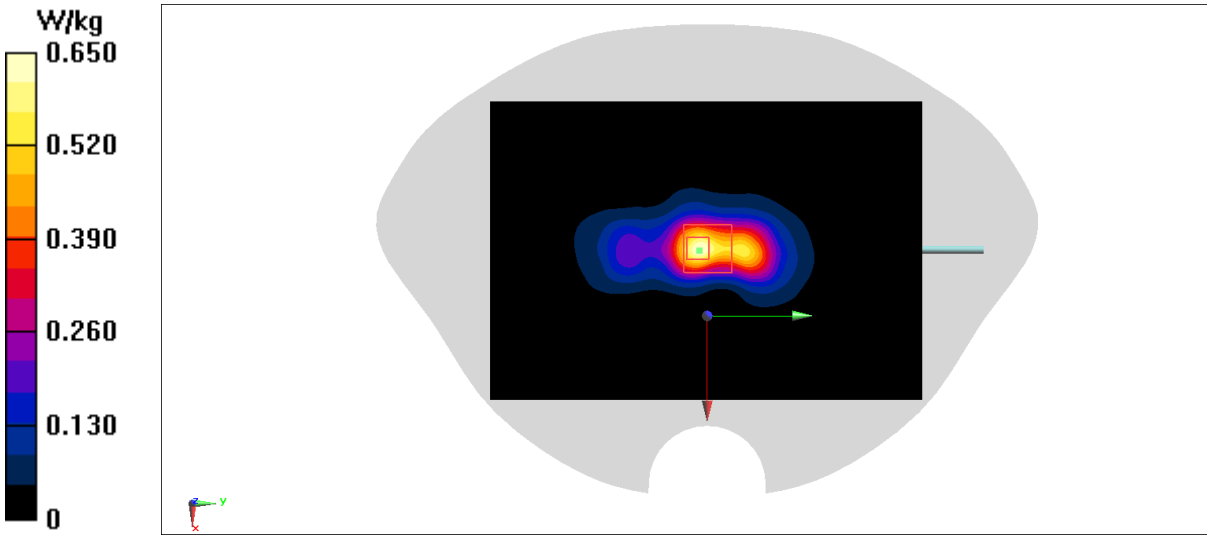
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.83 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.685 W/kg



WIFI5G Body 15mm

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5775 MHz; σ = 5.256 S/m; ε r = 34.16; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, WLan 11a (0) Frequency: 5775 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(4.85, 4.85, 4.85)

Area Scan (91x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.316 W/kg

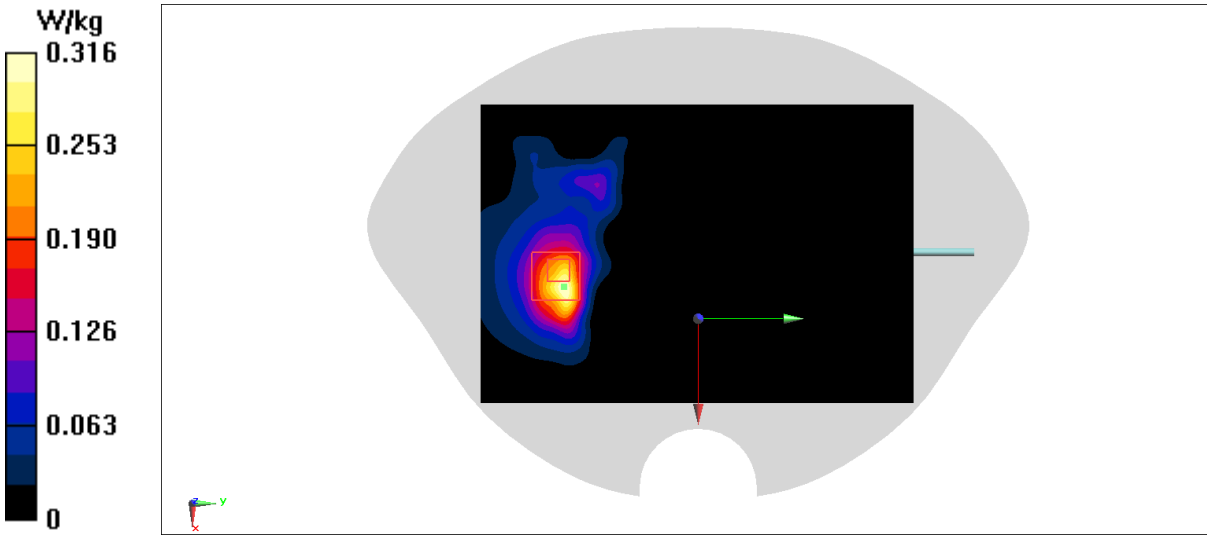
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.221 W/kg



BT Head

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.873 S/m; ε r = 39.84; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, Bluetooth (0) Frequency: 2441 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.77, 7.77, 7.77)

Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.218 W/kg

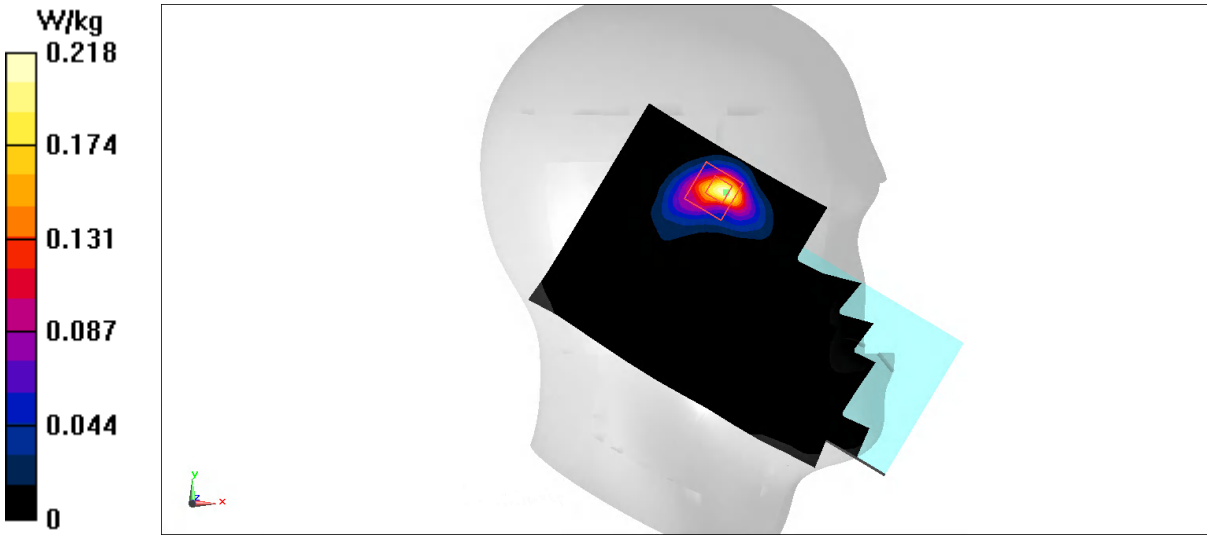
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.153 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



BT Body

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.873 S/m; ε r = 39.84; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, Bluetooth (0) Frequency: 2441 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(7.77, 7.77, 7.77)

Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

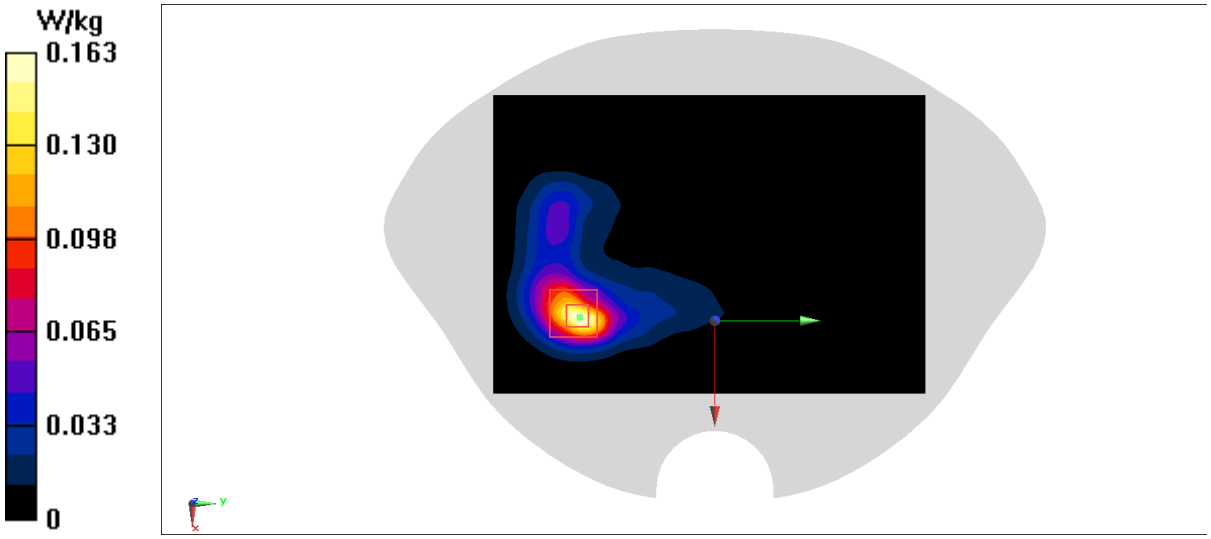
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.260 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



I.7 System Verification Results

835 MHz

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 835 MHz; σ = 0.874 S/m; εr = 42.75; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7548 ConvF(10.3, 10.3, 10.3)

SystemPerformanceCheck-D835/d=15mm, Pin=250mW, dist=2.0mm (EX-Probe)/Area Scan (131x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.20 W/kg

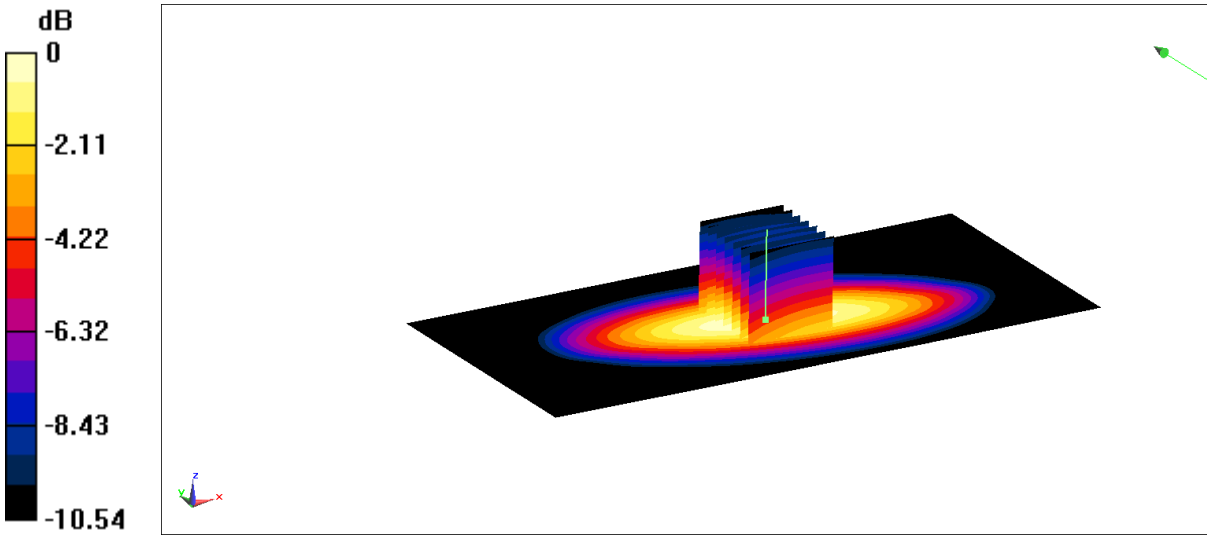
SystemPerformanceCheck-D835/d=15mm, Pin=250mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.06 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.59 W/kg

Maximum value of SAR (measured) = 3.23 W/kg



0 dB = 3.23 W/kg = 5.09 dBW/kg

1750 MHz

Date: 11/14/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1750 MHz; σ = 1.374 S/m; εr = 41.6; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7548 ConvF(8.13, 8.13, 8.13)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 13.8 W/kg

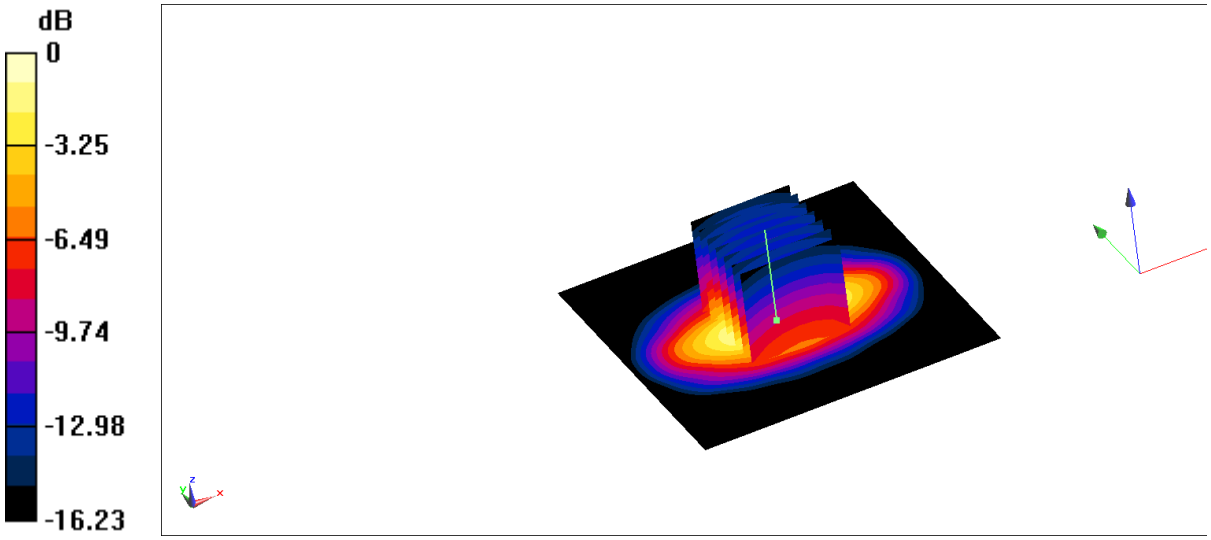
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.80 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 9.11 W/kg; SAR(10 g) = 4.89 W/kg

Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

1900 MHz

Date: 11/15/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1900 MHz; σ = 1.461 S/m; εr = 40.95; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.7 W/kg

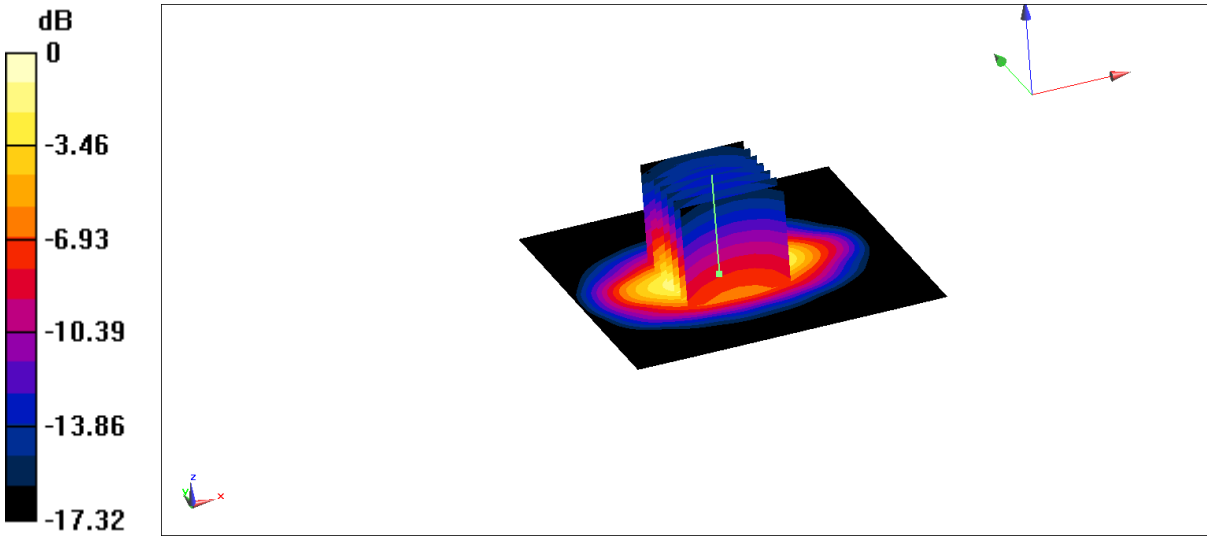
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 102.1 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 10 W/kg; SAR(10 g) = 5.23 W/kg

Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg = 11.90 dBW/kg

1900 MHz

Date: 11/11/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 1900 MHz; σ = 1.419 S/m; εr = 39.76; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7548 ConvF(7.8, 7.8, 7.8)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

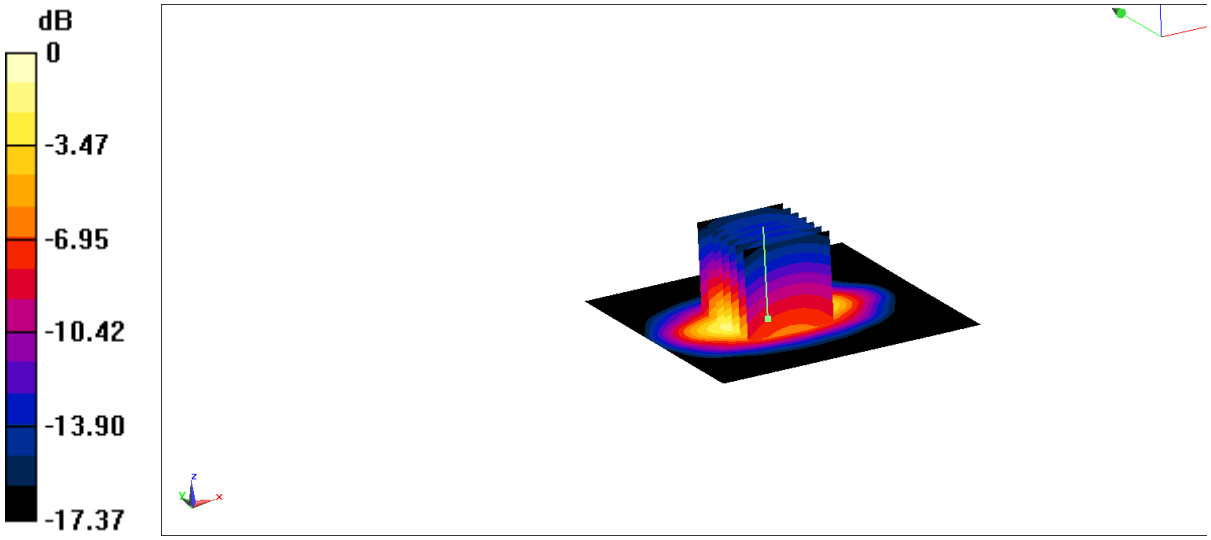
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 102.5 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 10 W/kg; SAR(10 g) = 5.22 W/kg

Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

2450 MHz

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 2450 MHz; σ = 1.88 S/m; εr = 39.82; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7464 ConvF(7.77, 7.77, 7.77)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 21.5 W/kg

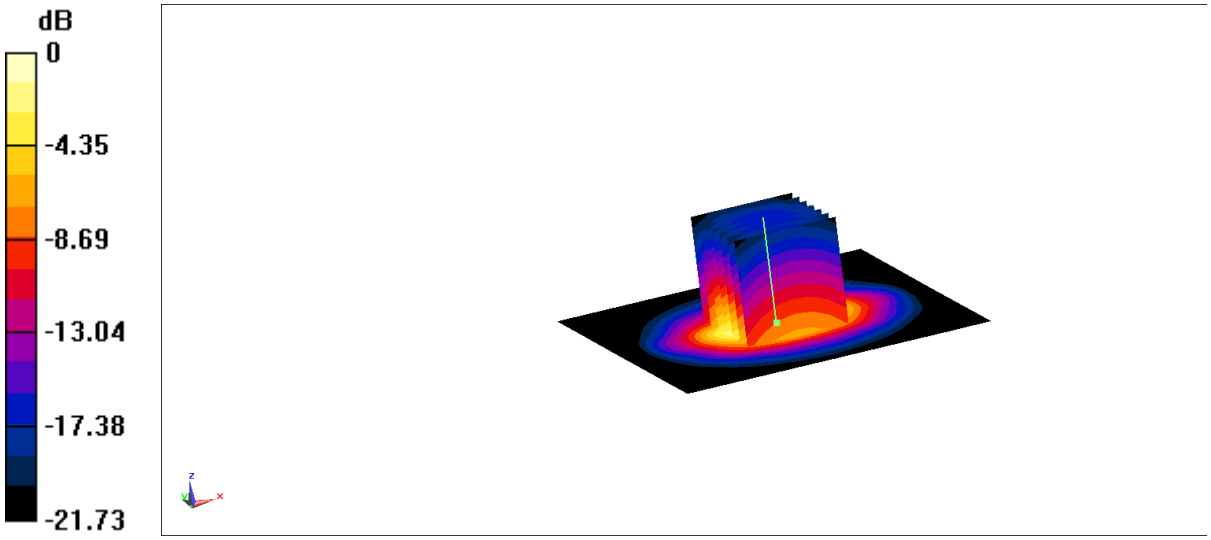
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 99.54 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 26.9 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 21.8 W/kg



0 dB = 21.8 W/kg = 13.38 dBW/kg

2600 MHz

Date: 11/12/2022

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 2600 MHz; σ = 2.023 S/m; εr = 39.85; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7548 ConvF(7.12, 7.12, 7.12)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 22.2 W/kg

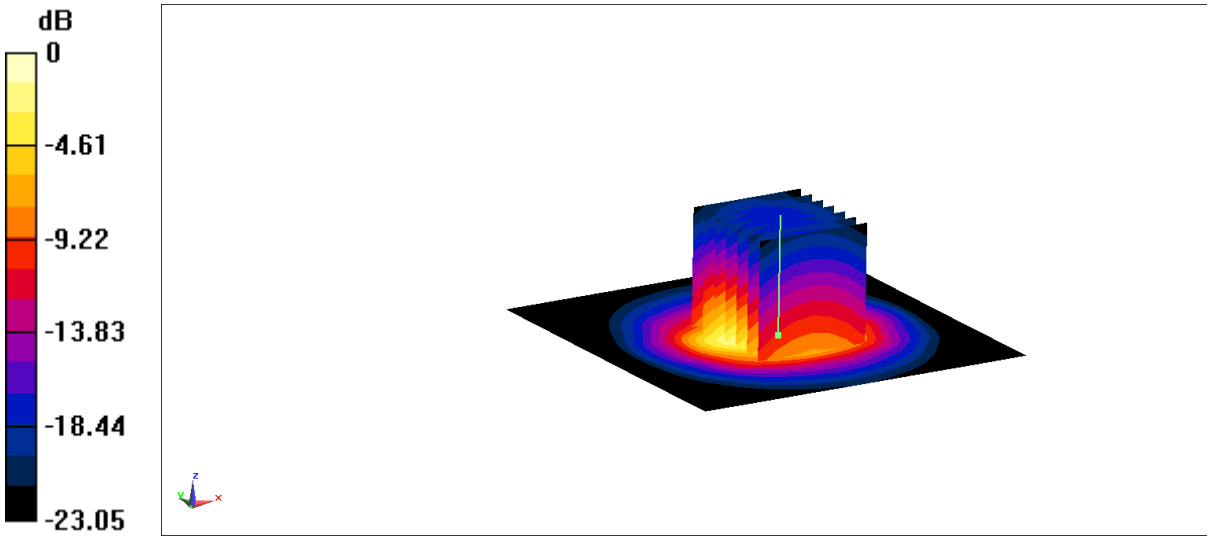
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.74 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 28.7 W/kg

SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.1 W/kg = 13.64 dBW/kg

2600 MHz

Date: 11/7/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 2600 MHz; σ = 2.016 S/m; εr = 39.69; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN3617 ConvF(7.4, 7.4, 7.4)

System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 22.5 W/kg

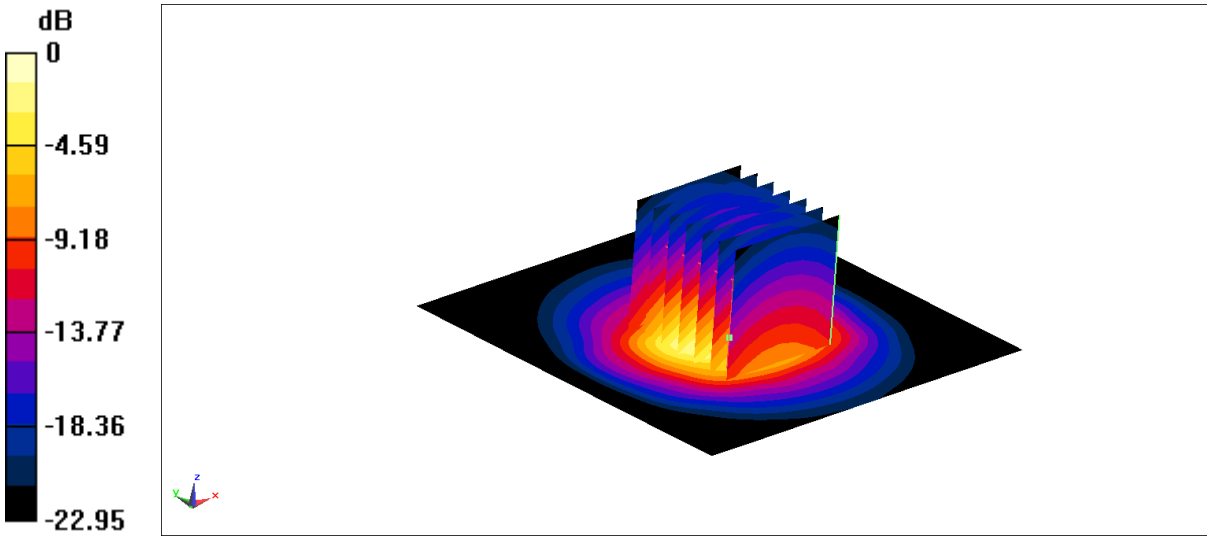
System Performance Check at Frequencies above 1 GHz/d=10mm, Pin=xx mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.27 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 29.5 W/kg

SAR(1 g) = 14 W/kg; SAR(10 g) = 6.27 W/kg

Maximum value of SAR (measured) = 23.8 W/kg



0 dB = 23.8 W/kg = 13.77 dBW/kg

3500 MHz

Date: 11/8/2022

Electronics: DAE4 Sn1588

Medium: H700-6000M

Medium parameters used: f = 3500 MHz; σ = 2.847 S/m; εr = 38.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

Communication System: UID 0, CW (0) Frequency: 3500 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN3617 ConvF(6.85, 6.85, 6.85)

System Performance Check with D3500V2 Dipole (graded grid)/d=10mm, Pin=100mW, f=3500 MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.1 W/kg

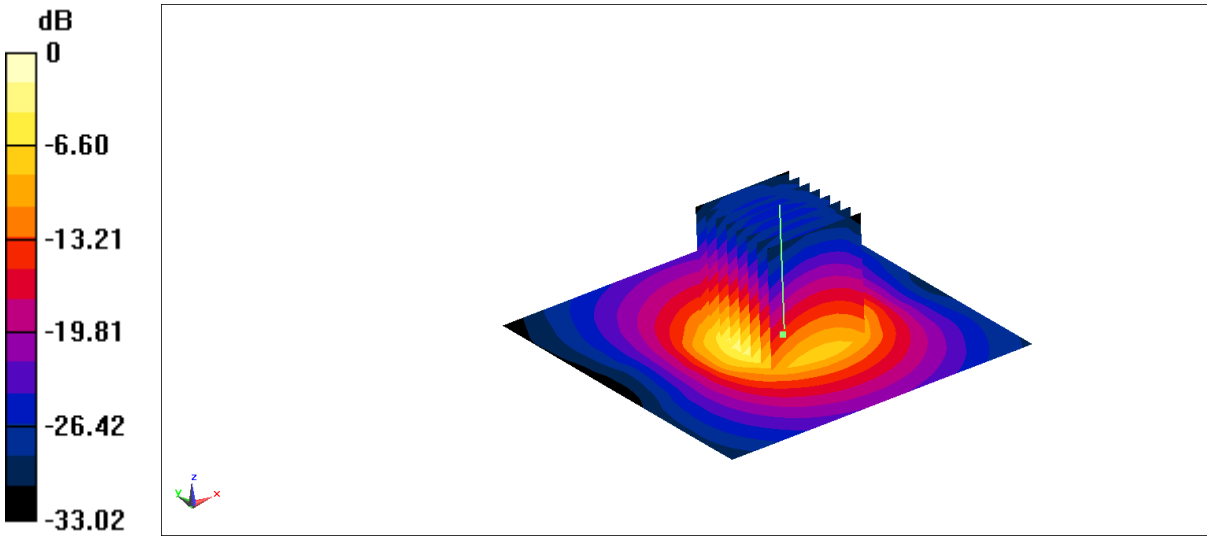
System Performance Check with D3500V2 Dipole (graded grid)/d=10mm, Pin=100mW, f=3500 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.79 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 6.54 W/kg; SAR(10 g) = 2.5 W/kg

Maximum value of SAR (measured) = 12.1 W/kg



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

5250 MHz

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5250 MHz; σ = 4.689 S/m; εr = 35.11; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7464 ConvF(5.43, 5.43, 5.43)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 18.1 W/kg

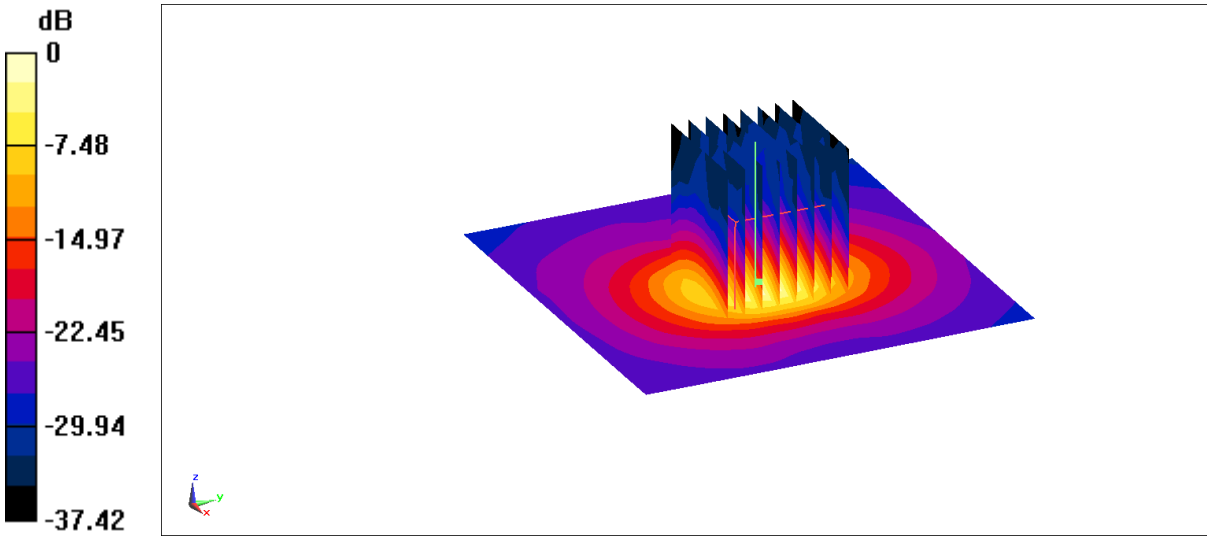
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5250 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.46 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 31.1 W/kg

SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.22 W/kg

Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 18.3 W/kg = 12.62 dBW/kg

5600 MHz

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5600 MHz; σ = 5.072 S/m; εr = 34.49; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7464 ConvF(4.91, 4.91, 4.91)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600 MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 19.7 W/kg

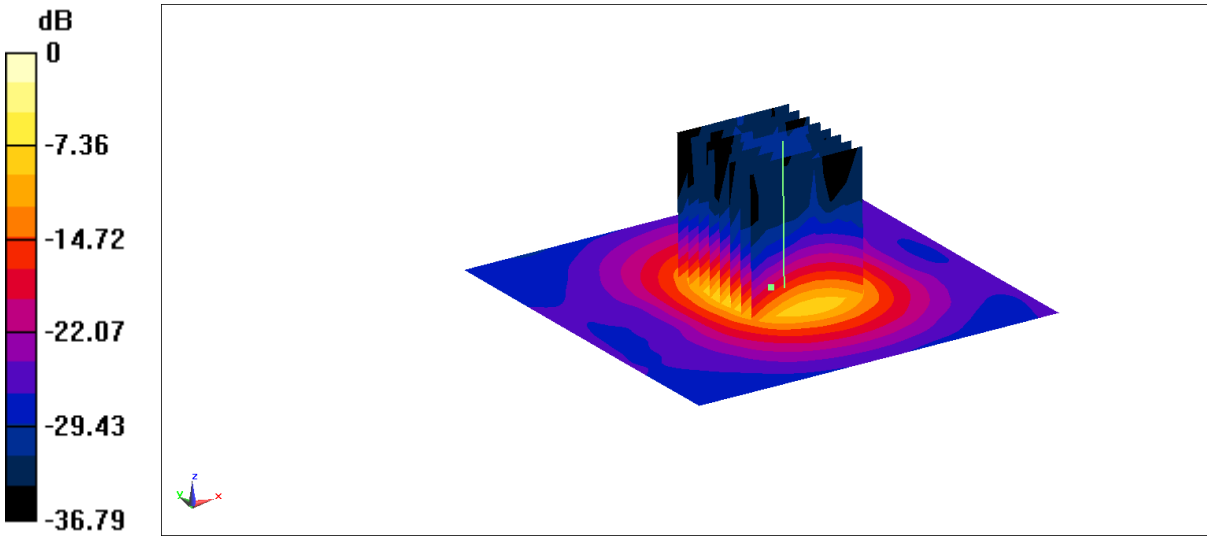
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5600 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.78 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 35.8 W/kg

SAR(1 g) = 8.17 W/kg; SAR(10 g) = 2.33 W/kg

Maximum value of SAR (measured) = 20.0 W/kg



0 dB = 20.0 W/kg = 13.01 dBW/kg

5750 MHz

Date: 11/10/2022

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5750 MHz; σ = 5.229 S/m; εr = 34.21; ρ = 1000 kg/m3

Ambient Temperature:23.3℃ Liquid Temperature: 22.5℃

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

Probe: EX3DV4 - SN7464 ConvF(4.85, 4.85, 4.85)

System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.9 W/kg

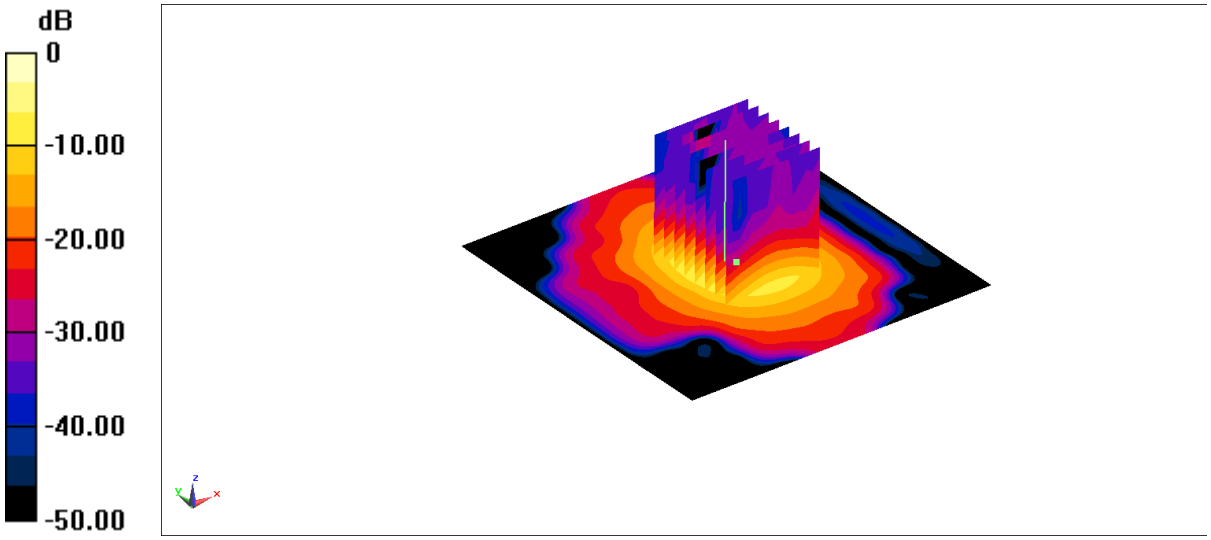
System Performance Check with D5GHzV2 Dipole (graded grid)/d=10mm, Pin=100mW, f=5750 MHz/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 64.99 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 35.9 W/kg

SAR(1 g) = 7.76 W/kg; SAR(10 g) = 2.15 W/kg

Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg

ANNEX J Accreditation Certificate

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ilac-MRA

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2022-10-01 through 2023-09-30
Effective Dates

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

For the National Voluntary Laboratory Accreditation Program