

		High		19.15	19.24	19.24	
				100%	/	20.50	19.14
16QAM	1	Low	20.50	19.10	19.24	19.21	
		Middle		19.12	19.26	19.22	
		High		19.04	19.30	19.06	
	50%	Low	20.50	18.98	19.17	19.20	
		Middle		19.27	19.30	19.12	
		High		19.18	19.32	19.10	
	100%	/	20.50	19.05	19.32	19.10	
	Modulation	RB	RB Offset	Tune up	15MHz		
					Channel/Frequency(MHz)		
26765/821.5					26865/831.5	26965/841.5	
QPSK	1	Low	20.50	19.35	19.26	19.27	
		Middle		19.40	19.53	19.44	
		High		19.38	19.27	19.32	
	50%	Low	20.50	19.42	19.54	19.46	
		Middle		19.36	19.40	19.21	
		High		19.30	19.41	19.32	
	100%	/	20.50	19.23	19.32	19.27	
	16QAM	1	Low	20.50	19.24	19.32	19.24
			Middle		19.20	19.40	19.30
High			19.14		19.39	19.16	
50%		Low	20.50	19.07	19.33	19.29	
		Middle		19.32	19.36	19.21	
		High		19.27	19.39	19.18	
100%		/	20.50	19.15	19.40	19.19	

Table 13.3-11: The conducted Power for LTE Band 26 (IC)

Full power						
LTE B26			Maximum Conducted Power (dBm)			
Modulation	RB	RB Offset	Tune up	1.4MHz		
				Channel/Frequency(MHz)		
				26797/824.7	26915/836.5	27033/848.3
QPSK	1	Low	24.00	22.67	22.69	22.71
		Middle		22.70	22.71	22.70
		High		22.63	22.73	22.71
	50%	Low	24.00	22.70	22.55	22.76
		Middle		22.71	22.69	22.68
		High		22.66	22.67	22.69
100%	/	23.00	21.82	21.86	21.84	
16QAM	1	Low	23.00	21.76	21.89	21.71

		Middle	23.00	21.75	21.86	21.85	
		High		21.65	21.78	21.91	
		Low		21.74	21.69	21.76	
	50%	Middle	23.00	21.85	21.71	21.67	
		High		21.76	21.68	21.72	
	100%	/	22.00	20.94	20.74	20.73	
Modulation	RB	RB Offset	Tune up	3MHz			
				Channel/Frequency(MHz)			
				26805/825.5	26915/836.5	27025/847.5	
QPSK	1	Low	24.00	22.56	22.65	22.61	
		Middle		22.71	22.79	22.75	
		High		22.71	22.78	22.73	
	50%	Low	23.00	21.83	21.72	21.83	
		Middle		21.85	21.90	21.80	
		High		21.77	21.77	21.80	
	100%	/	23.00	21.82	21.75	21.79	
	16QAM	1	Low	23.00	21.76	21.81	21.64
			Middle		21.78	21.79	21.81
High			21.68		21.70	21.88	
50%		Low	22.00	20.81	20.90	20.82	
		Middle		20.90	20.86	20.76	
		High		20.84	20.95	20.78	
100%		/	22.00	21.08	20.86	20.83	
Modulation		RB	RB Offset	Tune up	5MHz		
					Channel/Frequency(MHz)		
	26815/826.5				26915/836.5	27015/846.5	
QPSK	1	Low	24.00	22.70	22.69	22.69	
		Middle		22.78	22.79	22.74	
		High		22.64	22.77	22.59	
	50%	Low	23.00	21.79	21.59	21.85	
		Middle		21.85	21.69	21.73	
		High		21.72	21.70	21.81	
	100%	/	23.00	21.83	21.91	21.75	
	16QAM	1	Low	23.00	21.71	21.78	21.61
			Middle		21.87	21.68	21.84
High			21.68		21.71	21.92	
50%		Low	22.00	20.93	20.92	20.85	
		Middle		20.95	20.82	20.75	
		High		20.87	20.72	20.79	
100%		/	22.00	20.91	20.73	20.75	
Modulation		RB	RB Offset	Tune up	10MHz		
					Channel/Frequency(MHz)		

				26840/829	26915/836.5	26990/844
QPSK	1	Low	24.00	22.67	22.73	22.62
		Middle		22.72	22.80	22.70
		High		22.67	22.79	22.64
	50%	Low	23.00	21.81	21.60	21.75
		Middle		21.82	21.87	21.69
		High		21.75	21.73	21.90
	100%	/	23.00	21.81	21.75	21.71
16QAM	1	Low	23.00	21.80	21.88	21.69
		Middle		21.85	21.81	21.81
		High		21.75	21.81	21.89
	50%	Low	22.00	20.90	20.78	20.81
		Middle		20.93	20.92	20.72
		High		20.85	20.83	20.75
	100%	/	22.00	20.98	20.86	20.71
Modulation	RB	RB Offset	Tune up	15MHz		
				Channel/Frequency(MHz)		
				26865/831.5	26915/836.5	26965/841.5
QPSK	1	Low	24.00	22.69	22.77	22.67
		Middle		22.95	22.84	22.79
		High		22.71	22.83	22.77
	50%	Low	23.00	21.89	21.71	21.86
		Middle		21.82	21.86	21.80
		High		21.87	21.81	21.82
	100%	/	23.00	21.84	21.82	21.80
16QAM	1	Low	23.00	21.80	21.84	21.76
		Middle		21.71	21.83	21.87
		High		21.93	21.78	21.94
	50%	Low	22.00	20.83	20.85	20.87
		Middle		20.89	20.89	20.79
		High		20.78	20.81	20.82
	100%	/	22.00	20.82	20.82	20.78
Sensor on						
LTE B26			Maximum Conducted Power (dBm)			
Modulation	RB	RB Offset	Tune up	1.4MHz		
				Channel/Frequency(MHz)		
				26797/824.7	26915/836.5	27033/848.3
QPSK	1	Low	20.50	19.31	19.15	19.23
		Middle		19.13	19.32	19.28
		High		19.15	19.07	19.16
	50%	Low	20.50	19.28	19.35	19.31
		Middle		19.21	19.39	19.13

		High		19.20	19.19	19.22
	100%	/	20.50	19.19	19.18	19.18
16QAM	1	Low	20.50	19.17	19.15	19.04
		Middle		19.19	19.39	19.12
		High		19.23	19.31	18.98
	50%	Low	20.50	19.12	19.25	19.12
		Middle		19.18	19.21	19.06
		High		19.15	19.27	19.02
100%	/	20.50	19.18	19.33	19.26	
Modulation	RB	RB Offset	Tune up	3MHz		
				Channel/Frequency(MHz)		
				26805/825.5	26915/836.5	27025/847.5
QPSK	1	Low	20.50	19.24	19.27	19.31
		Middle		19.18	19.31	19.27
		High		19.24	19.22	19.06
	50%	Low	20.50	19.29	19.34	19.37
		Middle		19.21	19.37	19.06
		High		19.26	19.21	19.23
100%	/	20.50	19.22	19.25	19.10	
16QAM	1	Low	20.50	19.11	19.13	18.97
		Middle		19.22	19.17	19.15
		High		19.07	19.18	19.02
	50%	Low	20.50	19.02	19.29	19.15
		Middle		19.21	19.15	19.05
		High		19.12	19.32	19.03
100%	/	20.50	19.21	19.37	19.18	
Modulation	RB	RB Offset	Tune up	5MHz		
				Channel/Frequency(MHz)		
				26815/826.5	26915/836.5	27015/846.5
QPSK	1	Low	20.50	19.31	19.15	19.24
		Middle		19.35	19.32	19.27
		High		19.13	19.12	19.11
	50%	Low	20.50	19.21	19.21	19.27
		Middle		19.32	19.11	19.02
		High		19.17	19.15	19.28
100%	/	20.50	19.11	19.21	19.06	
16QAM	1	Low	20.50	19.13	19.19	19.05
		Middle		19.09	19.17	19.12
		High		19.17	19.26	18.99
	50%	Low	20.50	19.11	19.21	19.11
		Middle		19.23	19.15	19.02
		High		19.21	19.14	18.99

	100%	/	20.50	19.18	19.25	19.14
Modulation	RB	RB Offset	Tune up	10MHz		
				Channel/Frequency(MHz)		
				26840/829	26915/836.5	26990/844
QPSK	1	Low	20.50	19.22	19.20	19.12
		Middle		19.14	19.31	19.30
		High		19.17	19.11	19.14
	50%	Low	20.50	19.21	19.23	19.30
		Middle		19.32	19.27	19.06
		High		19.25	19.12	19.24
	100%	/	20.50	19.27	19.34	19.06
16QAM	1	Low	20.50	19.21	19.31	19.21
		Middle		19.19	19.22	19.22
		High		19.17	19.29	19.06
	50%	Low	20.50	19.08	19.21	19.20
		Middle		19.16	19.34	19.12
		High		19.22	19.25	19.10
	100%	/	20.50	19.01	19.21	19.10
Modulation	RB	RB Offset	Tune up	15MHz		
				Channel/Frequency(MHz)		
				26865/831.5	26915/836.5	26965/841.5
QPSK	1	Low	20.50	19.26	19.31	19.27
		Middle		19.53	19.38	19.44
		High		19.27	19.27	19.32
	50%	Low	20.50	19.54	19.48	19.46
		Middle		19.40	19.31	19.21
		High		19.41	19.29	19.32
	100%	/	20.50	19.32	19.21	19.27
16QAM	1	Low	20.50	19.32	19.20	19.24
		Middle		19.40	19.18	19.30
		High		19.39	19.17	19.16
	50%	Low	20.50	19.33	19.22	19.29
		Middle		19.36	19.21	19.21
		High		19.39	19.15	19.18
	100%	/	20.50	19.40	19.17	19.19

Table 13.3-12: The conducted Power for LTE Band 30

Full power						
LTE B30			Maximum Conducted Power (dBm)			
Modulation	RB	RB Offset	Tune up	5MHz		
				Channel/Frequency(MHz)		

				27685/2307.5	27710/2310	27735/2312.5
QPSK	1	Low	24.00	22.79	22.75	22.76
		Middle		23.00	22.96	22.99
		High		22.77	22.72	22.76
	50%	Low	23.00	21.74	21.73	21.86
		Middle		21.91	21.76	21.91
		High		21.84	21.84	21.88
	100%	/	23.00	21.81	21.97	21.81
16QAM	1	Low	23.00	21.86	21.98	21.89
		Middle		21.86	21.70	21.84
		High		21.67	21.57	21.59
	50%	Low	22.00	20.84	20.98	20.93
		Middle		20.96	20.86	20.87
		High		20.90	20.76	20.99
	100%	/	22.00	20.89	20.76	20.89
Modulation	RB	RB Offset	Tune up	10MHz		
				Channel/Frequency(MHz)		
				/	27710/2310	/
QPSK	1	Low	24.00	/	22.83	/
		Middle		/	23.04	/
		High		/	22.81	/
	50%	Low	23.00	/	21.85	/
		Middle		/	21.90	/
		High		/	21.92	/
	100%	/	23.00	/	21.88	/
16QAM	1	Low	23.00	/	22.10	/
		Middle		/	21.88	/
		High		/	21.67	/
	50%	Low	22.00	/	20.91	/
		Middle		/	20.93	/
		High		/	20.85	/
	100%	/	22.00	/	20.85	/
Sensor on						
LTE B30			Maximum Conducted Power (dBm)			
Modulation	RB	RB Offset	Tune up	5MHz		
				Channel/Frequency(MHz)		
				27685/2307.5	27710/2310	27735/2312.5
QPSK	1	Low	18.00	16.95	16.99	16.96
		Middle		16.99	17.00	17.02
		High		16.89	16.94	16.93
	50%	Low	18.00	16.85	16.86	16.98
		Middle		16.79	16.97	16.97

		High		16.78	16.81	16.82
				100%	/	18.00
16QAM	1	Low	18.00	17.08	17.10	17.11
		Middle		16.93	17.06	17.07
		High		16.90	17.00	16.92
	50%	Low	18.00	17.00	16.89	16.98
		Middle		16.88	17.01	16.92
		High		16.77	16.91	17.00
100%	/	18.00	16.79	16.92	16.92	
Modulation	RB	RB Offset	Tune up	10MHz		
				Channel/Frequency(MHz)		
				/	27710/2310	/
QPSK	1	Low	18.00	/	17.17	/
		Middle		/	17.18	/
		High		/	17.09	/
	50%	Low	18.00	/	17.11	/
		Middle		/	17.07	/
		High		/	17.00	/
100%	/	18.00	/	17.08	/	
16QAM	1	Low	18.00	/	17.11	/
		Middle		/	17.09	/
		High		/	17.11	/
	50%	Low	18.00	/	17.07	/
		Middle		/	17.09	/
		High		/	17.00	/
100%	/	18.00	/	17.02	/	

Table 13.3-13: The conducted Power for LTE Band 38

Full power						
LTE B38			Maximum Conducted Power (dBm)			
Modulation	RB	RB Offset	Tune up	5MHz		
				Channel/Frequency(MHz)		
				37775/2572.5	38000/2595	38225/2617.5
QPSK	1	Low	24.00	22.38	22.55	22.69
		Middle		22.82	22.90	22.88
		High		22.77	22.69	22.67
	50%	Low	23.00	21.80	21.84	21.87
		Middle		21.83	21.83	21.83
		High		21.76	21.83	22.03
100%	/	23.00	21.79	21.79	21.92	
16QAM	1	Low	23.00	21.72	21.65	21.45

		Middle		21.78	21.91	21.82	
		High		21.66	21.74	21.71	
		Low		20.78	20.92	20.91	
	50%	Middle	22.00	20.97	20.77	20.64	
		High		20.89	21.08	20.81	
	100%	/	22.00	20.95	20.96	20.76	
Modulation	RB	RB Offset	Tune up	10MHz			
				Channel/Frequency(MHz)			
				37800/2575	38000/2595	38200/2615	
QPSK	1	Low	24.00	22.49	22.54	22.62	
		Middle		22.86	22.87	22.88	
		High		22.67	22.65	22.72	
	50%	Low	23.00	21.73	21.75	21.73	
		Middle		21.86	21.69	21.75	
		High		21.74	21.83	22.08	
	100%	/	23.00	21.83	21.95	21.88	
	16QAM	1	Low	23.00	21.70	21.58	21.53
			Middle		21.87	21.73	21.83
High			21.63		21.68	21.72	
50%		Low	22.00	20.87	20.90	20.87	
		Middle		21.02	20.73	20.61	
		High		20.92	20.85	20.77	
100%		/	22.00	20.78	20.83	20.72	
Modulation		RB	RB Offset	Tune up	15MHz		
					Channel/Frequency(MHz)		
	37825/2577.5				38000/2595	38175/2612.5	
QPSK	1	Low	24.00	22.46	22.58	22.64	
		Middle		22.80	22.92	22.91	
		High		22.70	22.70	22.75	
	50%	Low	23.00	21.75	21.72	21.76	
		Middle		21.83	21.83	21.79	
		High		21.77	21.82	22.00	
	100%	/	23.00	21.81	21.79	21.88	
	16QAM	1	Low	23.00	21.79	21.72	21.69
			Middle		21.85	21.90	21.93
High			21.70		21.82	21.79	
50%		Low	22.00	20.84	20.79	20.96	
		Middle		21.00	20.82	20.71	
		High		20.90	20.95	20.88	
100%		/	22.00	20.85	20.96	20.82	
Modulation		RB	RB Offset	Tune up	20MHz		
					Channel/Frequency(MHz)		

				37850/2580	38000/2595	38150/2610	
QPSK	1	Low	24.00	22.53	22.62	22.67	
		Middle		22.89	22.96	22.93	
		High		22.72	22.75	22.81	
	50%	Low	23.00	21.78	21.84	21.84	
		Middle		21.81	21.83	21.86	
		High		21.84	21.91	22.00	
100%	/	23.00	21.82	21.86	21.97		
16QAM	1	Low	23.00	21.63	21.68	21.60	
		Middle		21.81	21.92	21.89	
		High		21.68	21.79	21.77	
	50%	Low	22.00	20.81	20.87	20.93	
		Middle		20.93	20.80	20.68	
		High		20.87	20.94	20.84	
	100%	/	22.00	20.83	20.92	20.79	
	Sensor on						
	LTE B38			Maximum Conducted Power (dBm)			
Modulation	RB	RB Offset	Tune up	5MHz			
				Channel/Frequency(MHz)			
				37775/2572.5	38000/2595	38225/2617.5	
QPSK	1	Low	18.00	16.54	16.54	16.74	
		Middle		17.00	17.04	16.94	
		High		16.73	16.79	16.75	
	50%	Low	18.00	16.76	16.84	16.71	
		Middle		16.67	16.89	16.60	
		High		16.79	16.76	16.72	
100%	/	18.00	16.69	16.71	16.60		
16QAM	1	Low	18.00	16.64	16.50	16.47	
		Middle		16.66	16.84	16.53	
		High		16.71	16.76	16.59	
	50%	Low	18.00	16.75	16.95	16.69	
		Middle		16.70	16.85	16.64	
		High		16.74	16.93	16.70	
100%	/	18.00	17.00	16.93	16.74		
Modulation	RB	RB Offset	Tune up	10MHz			
				Channel/Frequency(MHz)			
				37800/2575	38000/2595	38200/2615	
QPSK	1	Low	18.00	16.53	16.41	16.55	
		Middle		16.92	16.89	16.82	
		High		16.51	16.63	16.68	
	50%	Low	18.00	16.69	16.71	16.61	
		Middle		16.70	16.71	16.56	

Modulation	RB	RB Offset	Tune up	15MHz			
				Channel/Frequency(MHz)			
				37825/2577.5	38000/2595	38175/2612.5	
16QAM	100%	High		16.77	16.72	16.77	
		/	18.00	16.73	16.87	16.56	
		Low	18.00	16.62	16.47	16.55	
	Middle	16.75		16.70	16.50		
	High	16.68		16.74	16.56		
	50%	Low	18.00	16.84	16.97	16.65	
		Middle		16.75	16.81	16.61	
		High		16.77	16.70	16.66	
	100%	/	18.00	16.83	16.80	16.70	
QPSK	1	Low	18.00	16.50	16.45	16.57	
		Middle		16.86	16.90	16.85	
		High		16.54	16.68	16.71	
	50%	Low	18.00	16.71	16.72	16.64	
		Middle		16.67	16.89	16.60	
		High		16.80	16.75	16.73	
	100%	/	18.00	16.71	16.71	16.56	
	16QAM	1	Low	18.00	16.71	16.57	16.71
			Middle		16.73	16.83	16.60
High			16.75		16.84	16.63	
50%		Low	18.00	16.81	16.86	16.74	
		Middle		16.73	16.94	16.71	
		High		16.75	16.84	16.77	
100%		/	18.00	16.78	16.81	16.68	
Modulation		RB	RB Offset	Tune up	20MHz		
					Channel/Frequency(MHz)		
				37850/2580	38000/2595	38150/2610	
QPSK	1	Low	18.00	16.80	16.72	16.83	
		Middle		17.06	17.02	17.05	
		High		16.79	16.92	17.00	
	50%	Low	18.00	16.97	17.03	16.91	
		Middle		16.88	17.05	16.86	
		High		17.06	17.03	16.92	
	100%	/	18.00	16.91	16.90	16.88	
	16QAM	1	Low	18.00	16.82	16.76	16.85
			Middle		16.92	17.02	16.79
High			16.96		17.04	16.84	
50%		Low	18.00	17.01	17.01	16.94	
		Middle		16.89	17.05	16.91	
		High		16.95	17.02	16.96	

	100%	/	18.00	16.99	17.00	16.88
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Table 13.3-14: The conducted Power for LTE Band 41 (FCC)

Full power									
LTE B41			Maximum Conducted Power (dBm)						
Modulation	RB	RB Offset	Tune up	5MHz					
				Channel/Frequency(MHz)					
				39675/2498.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5	
QPSK	1	Low	24.00	22.53	22.45	22.74	22.76	23.10	
		Middle		22.87	22.84	23.18	23.22	23.17	
		High		22.63	22.72	22.60	22.97	23.02	
	50%	Low	23.00	21.89	21.83	21.94	22.04	22.32	
		Middle		21.87	21.96	21.84	22.22	21.98	
		High		21.89	21.77	22.16	22.10	22.11	
	100%	/	23.00	21.98	21.73	21.90	22.05	22.51	
	16QAM	1	Low	23.00	21.92	21.57	21.59	21.75	21.51
			Middle		21.94	21.81	21.87	21.77	21.67
High			21.69		21.74	21.86	21.87	21.81	
50%		Low	22.00	20.88	20.93	20.81	20.97	20.79	
		Middle		20.98	20.78	20.84	20.79	20.80	
		High		20.84	21.03	20.87	21.00	20.91	
100%		/	22.00	20.87	20.83	20.93	20.83	20.86	
Modulation		RB	RB Offset	Tune up	10MHz				
					Channel/Frequency(MHz)				
	39700/2501				40160/2547	40620/2593	41080/2639	41540/2685	
QPSK	1	Low	24.00	22.69	22.49	22.67	22.75	23.03	
		Middle		22.96	22.86	23.18	23.19	23.22	
		High		22.58	22.73	22.65	22.98	23.12	
	50%	Low	23.00	21.82	21.70	21.79	21.96	22.27	
		Middle		21.90	21.73	21.75	22.09	21.94	
		High		21.87	21.73	22.16	22.11	22.16	
	100%	/	23.00	22.02	21.89	21.81	22.21	22.47	
	16QAM	1	Low	23.00	21.90	21.54	21.67	21.72	21.59
			Middle		21.98	21.67	21.84	21.58	21.64
High			21.61		21.67	21.83	21.80	21.78	
50%		Low	22.00	20.92	20.95	20.77	20.94	20.75	
		Middle		20.98	20.74	20.86	20.80	20.77	
		High		20.87	20.80	20.88	20.82	20.87	
100%		/	22.00	20.70	20.70	20.89	20.75	20.82	
Modulation		RB	RB Offset	Tune up	15MHz				
					Channel/Frequency(MHz)				

				39725/2503.5	40173/2548.3	40620/2593	41068/2637.8	41515/2682.5
QPSK	1	Low	24.00	22.61	22.48	22.74	22.79	23.05
		Middle		22.85	22.82	23.26	23.15	23.25
		High		22.56	22.73	22.73	22.98	23.15
	50%	Low	23.00	21.79	21.66	21.87	21.92	22.30
		Middle		21.87	21.96	21.84	22.22	21.98
		High		21.90	21.81	22.17	22.09	22.12
100%	/	23.00	21.95	21.73	21.86	22.10	22.47	
16QAM	1	Low	23.00	21.94	21.64	21.83	21.87	21.75
		Middle		21.96	21.80	21.89	21.76	21.74
		High		21.68	21.77	21.85	21.95	21.85
	50%	Low	22.00	20.89	20.79	20.81	20.88	20.89
		Middle		21.01	20.87	20.96	20.93	20.87
		High		20.85	20.94	20.99	20.96	20.98
100%	/	22.00	20.77	20.83	20.99	20.88	20.92	
Modulation	RB	RB Offset	Tune up	20MHz				
				Channel/Frequency(MHz)				
				39750/2506	40185/2549.5	40620/2593	41055/2636.5	41490/2680
QPSK	1	Low	24.00	22.73	22.57	22.77	22.83	23.08
		Middle		22.99	22.91	23.28	23.24	23.27
		High		22.63	22.79	22.79	23.04	23.21
	50%	Low	23.00	21.87	21.79	21.91	22.05	22.34
		Middle		21.85	21.92	21.87	22.23	22.01
		High		21.93	21.86	22.13	22.19	22.08
100%	/	23.00	21.97	21.85	21.95	22.17	22.56	
16QAM	1	Low	23.00	21.62	21.65	21.74	21.83	21.71
		Middle		21.97	21.87	21.90	21.78	21.75
		High		21.71	21.79	21.88	21.92	21.88
	50%	Low	22.00	20.91	20.88	20.83	20.92	20.86
		Middle		20.94	20.81	20.93	20.87	20.84
		High		20.82	20.89	20.95	20.91	20.94
100%	/	22.00	20.75	20.79	20.96	20.84	20.89	
Sensor on								
LTE B41				Maximum Conducted Power (dBm)				
Modulation	RB	RB Offset	Tune up	5MHz				
				Channel/Frequency(MHz)				
				39675/2498.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5
QPSK	1	Low	18.00	16.26	16.18	16.27	16.42	16.74
		Middle		16.51	16.50	16.91	16.68	16.77
		High		16.33	16.23	16.12	16.46	16.64
	50%	Low	18.00	16.67	16.60	16.48	16.52	16.74
Middle		16.62		16.56	16.36	16.54	16.76	

		High		16.74	16.55	16.94	16.55	16.84	
	100%	/	18.00	16.49	16.49	16.66	16.60	16.65	
16QAM	1	Low	18.00	16.35	16.08	16.02	16.46	16.37	
		Middle		16.51	16.33	16.39	16.47	16.56	
		High		16.56	16.52	16.48	16.38	16.65	
	50%	Low	18.00	16.43	16.59	16.61	16.53	16.57	
		Middle		16.65	16.28	16.48	16.47	16.60	
		High		16.47	16.72	16.61	16.56	16.48	
	100%	/	18.00	16.63	16.68	16.54	16.48	16.44	
	Modulation	RB	RB Offset	Tune up	10MHz				
					Channel/Frequency(MHz)				
39700/2501					40160/2547	40620/2593	41080/2639	41540/2685	
QPSK	1	Low	18.00	16.37	16.17	16.20	16.41	16.67	
		Middle		16.55	16.47	16.90	16.65	16.77	
		High		16.23	16.19	16.17	16.42	16.69	
	50%	Low	18.00	16.60	16.47	16.38	16.39	16.64	
		Middle		16.65	16.38	16.32	16.36	16.72	
		High		16.72	16.51	16.99	16.51	16.89	
	100%	/	18.00	16.53	16.65	16.62	16.76	16.61	
	16QAM	1	Low	18.00	16.47	16.19	16.24	16.57	16.59
			Middle		16.60	16.19	16.36	16.33	16.53
High			16.53		16.50	16.45	16.36	16.62	
50%		Low	18.00	16.52	16.61	16.57	16.55	16.53	
		Middle		16.70	16.24	16.45	16.43	16.57	
		High		16.50	16.49	16.57	16.33	16.44	
100%		/	18.00	16.46	16.55	16.50	16.35	16.40	
Modulation		RB	RB Offset	Tune up	15MHz				
					Channel/Frequency(MHz)				
	39725/2503.5				40173/2548.3	40620/2593	41068/2637.8	41515/2682.5	
QPSK	1	Low	18.00	16.34	16.21	16.22	16.45	16.69	
		Middle		16.69	16.62	17.02	16.80	16.94	
		High		16.40	16.38	16.34	16.61	16.86	
	50%	Low	18.00	16.62	16.48	16.41	16.40	16.67	
		Middle		16.62	16.56	16.36	16.54	16.76	
		High		16.75	16.54	16.95	16.54	16.85	
	100%	/	18.00	16.51	16.49	16.62	16.60	16.61	
	16QAM	1	Low	18.00	16.42	16.15	16.26	16.53	16.61
			Middle		16.44	16.18	16.32	16.32	16.49
High			16.60		16.60	16.52	16.46	16.69	
50%		Low	18.00	16.49	16.50	16.66	16.44	16.62	
		Middle		16.68	16.37	16.55	16.56	16.67	
		High		16.48	16.63	16.68	16.47	16.55	

Modulation	RB	RB Offset	Tune up	20MHz					
				Channel/Frequency(MHz)					
				39750/2506	40185/2549.5	40620/2593	41055/2636.5	41490/2680	
QPSK	1	Low	18.00	16.47	16.31	16.31	16.55	16.78	
		Middle		16.78	16.72	17.09	16.90	17.02	
		High		16.48	16.45	16.46	16.68	16.98	
	50%	Low	18.00	16.85	16.76	16.65	16.68	16.91	
		Middle		16.80	16.72	16.59	16.70	16.99	
		High		16.98	16.79	17.07	16.79	17.03	
	100%	/	18.00	16.68	16.76	16.91	16.87	16.90	
	16QAM	1	Low	18.00	16.43	16.31	16.37	16.69	16.72
			Middle		16.60	16.40	16.48	16.54	16.65
High			16.64		16.63	16.56	16.49	16.73	
50%		Low	18.00	16.52	16.60	16.69	16.54	16.65	
		Middle		16.67	16.37	16.58	16.56	16.70	
		High		16.51	16.64	16.70	16.48	16.57	
100%		/	18.00	16.57	16.70	16.63	16.50	16.53	

Table 13.3-15: The conducted Power for LTE Band 41 (IC)

Full power									
LTE B41				Maximum Conducted Power (dBm)					
Modulation	RB	RB Offset	Tune up	5MHz					
				Channel/Frequency(MHz)					
				39715/2502.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5	
QPSK	1	Low	24.00	22.52	22.45	22.74	22.76	23.10	
		Middle		22.81	22.84	23.18	23.22	23.17	
		High		22.67	22.72	22.60	22.97	23.02	
	50%	Low	23.00	21.86	21.83	21.94	22.04	22.32	
		Middle		21.82	21.96	21.84	22.22	21.98	
		High		21.81	21.77	22.16	22.10	22.11	
	100%	/	23.00	21.88	21.73	21.90	22.05	22.51	
	16QAM	1	Low	23.00	21.82	21.57	21.59	21.75	21.51
			Middle		21.91	21.81	21.87	21.77	21.67
High			21.60		21.74	21.86	21.87	21.81	
50%		Low	22.00	20.89	20.93	20.81	20.97	20.79	
		Middle		20.98	20.78	20.84	20.79	20.80	
		High		20.80	21.03	20.87	21.00	20.91	
100%		/	22.00	20.88	20.83	20.93	20.83	20.86	
Modulation		RB	RB Offset	Tune up	10MHz				
					Channel/Frequency(MHz)				

				39740/2505	40160/2547	40620/2593	41080/2639	41540/2685
QPSK	1	Low	24.00	22.61	22.49	22.67	22.75	23.03
		Middle		22.92	22.86	23.18	23.19	23.22
		High		22.59	22.73	22.65	22.98	23.12
	50%	Low	23.00	21.79	21.70	21.79	21.96	22.27
		Middle		21.85	21.73	21.75	22.09	21.94
		High		21.84	21.73	22.16	22.11	22.16
100%	/	23.00	21.95	21.89	21.81	22.21	22.47	
16QAM	1	Low	23.00	21.87	21.54	21.67	21.72	21.59
		Middle		21.91	21.67	21.84	21.58	21.64
		High		21.66	21.67	21.83	21.80	21.78
	50%	Low	22.00	20.89	20.95	20.77	20.94	20.75
		Middle		20.85	20.74	20.86	20.80	20.77
		High		20.84	20.80	20.88	20.82	20.87
100%	/	22.00	20.67	20.70	20.89	20.75	20.82	
Modulation	RB	RB Offset	Tune up	15MHz				
				Channel/Frequency(MHz)				
				39765/2507.5	40173/2548.3	40620/2593	41068/2637.8	41515/2682.5
QPSK	1	Low	24.00	22.52	22.48	22.74	22.79	23.05
		Middle		22.81	22.82	23.26	23.15	23.25
		High		22.51	22.73	22.73	22.98	23.15
	50%	Low	23.00	21.76	21.66	21.87	21.92	22.30
		Middle		21.81	21.96	21.84	22.22	21.98
		High		21.87	21.81	22.17	22.09	22.12
100%	/	23.00	21.90	21.73	21.86	22.10	22.47	
16QAM	1	Low	23.00	21.91	21.64	21.83	21.87	21.75
		Middle		21.93	21.80	21.89	21.76	21.74
		High		21.62	21.77	21.85	21.95	21.85
	50%	Low	22.00	20.86	20.79	20.81	20.88	20.89
		Middle		20.92	20.87	20.96	20.93	20.87
		High		20.82	20.94	20.99	20.96	20.98
100%	/	22.00	20.74	20.83	20.99	20.88	20.92	
Modulation	RB	RB Offset	Tune up	20MHz				
				Channel/Frequency(MHz)				
				39790/2510	40185/2549.5	40620/2593	41055/2636.5	41490/2680
QPSK	1	Low	24.00	22.73	22.57	22.77	22.83	23.08
		Middle		22.94	22.91	23.28	23.24	23.27
		High		22.65	22.79	22.79	23.04	23.21
	50%	Low	23.00	21.82	21.79	21.91	22.05	22.34
		Middle		21.81	21.92	21.87	22.23	22.01
		High		21.90	21.86	22.13	22.19	22.08
100%	/	23.00	21.93	21.85	21.95	22.17	22.56	

16QAM	1	Low	23.00	21.59	21.65	21.74	21.83	21.71
		Middle		21.96	21.87	21.90	21.78	21.75
		High		21.63	21.79	21.88	21.92	21.88
	50%	Low	22.00	20.88	20.88	20.83	20.92	20.86
		Middle		20.92	20.81	20.93	20.87	20.84
		High		20.79	20.89	20.95	20.91	20.94
	100%	/	22.00	20.71	20.79	20.96	20.84	20.89
Sensor on								
LTE B41				Maximum Conducted Power (dBm)				
Modulation	RB	RB Offset	Tune up	5MHz				
				Channel/Frequency(MHz)				
				39715/2502.5	40148/2545.8	40620/2593	41093/2640.3	41565/2687.5
QPSK	1	Low	18.00	16.21	16.18	16.27	16.42	16.74
		Middle		16.45	16.50	16.91	16.68	16.77
		High		16.32	16.23	16.12	16.46	16.64
	50%	Low	18.00	16.61	16.60	16.48	16.52	16.74
		Middle		16.66	16.56	16.36	16.54	16.76
		High		16.58	16.55	16.94	16.55	16.84
100%	/	18.00	16.61	16.49	16.66	16.60	16.65	
16QAM	1	Low	18.00	16.22	16.08	16.02	16.46	16.37
		Middle		16.39	16.33	16.39	16.47	16.56
		High		16.61	16.52	16.48	16.38	16.65
	50%	Low	18.00	16.46	16.59	16.61	16.53	16.57
		Middle		16.56	16.28	16.48	16.47	16.60
		High		16.42	16.72	16.61	16.56	16.48
100%	/	18.00	16.49	16.68	16.54	16.48	16.44	
Modulation	RB	RB Offset	Tune up	10MHz				
				Channel/Frequency(MHz)				
				39740/2505	40160/2547	40620/2593	41080/2639	41540/2685
QPSK	1	Low	18.00	16.45	16.17	16.20	16.41	16.67
		Middle		16.61	16.47	16.90	16.65	16.77
		High		16.27	16.19	16.17	16.42	16.69
	50%	Low	18.00	16.44	16.47	16.38	16.39	16.64
		Middle		16.54	16.38	16.32	16.36	16.72
		High		16.51	16.51	16.99	16.51	16.89
100%	/	18.00	16.47	16.65	16.62	16.76	16.61	
16QAM	1	Low	18.00	16.34	16.19	16.24	16.57	16.59
		Middle		16.42	16.19	16.36	16.33	16.53
		High		16.48	16.50	16.45	16.36	16.62
	50%	Low	18.00	16.51	16.61	16.57	16.55	16.53
		Middle		16.50	16.24	16.45	16.43	16.57
		High		16.57	16.49	16.57	16.33	16.44

	100%	/	18.00	16.41	16.55	16.50	16.35	16.40	
Modulation	RB	RB Offset	Tune up	15MHz					
				Channel/Frequency(MHz)					
				39765/2507.5	40173/2548.3	40620/2593	41068/2637.8	41515/2682.5	
QPSK	1	Low	18.00	16.31	16.21	16.22	16.45	16.69	
		Middle		16.62	16.62	17.02	16.80	16.94	
		High		16.44	16.38	16.34	16.61	16.86	
	50%	Low	18.00	16.53	16.48	16.41	16.40	16.67	
		Middle		16.57	16.56	16.36	16.54	16.76	
		High		16.82	16.54	16.95	16.54	16.85	
	100%	/	18.00	16.64	16.49	16.62	16.60	16.61	
	16QAM	1	Low	18.00	16.56	16.15	16.26	16.53	16.61
			Middle		16.51	16.18	16.32	16.32	16.49
High			16.45		16.60	16.52	16.46	16.69	
50%		Low	18.00	16.52	16.50	16.66	16.44	16.62	
		Middle		16.61	16.37	16.55	16.56	16.67	
		High		16.49	16.63	16.68	16.47	16.55	
100%		/	18.00	16.51	16.68	16.60	16.48	16.50	
Modulation		RB	RB Offset	Tune up	20MHz				
					Channel/Frequency(MHz)				
	39790/2510				40185/2549.5	40620/2593	41055/2636.5	41490/2680	
QPSK	1	Low	18.00	16.61	16.31	16.31	16.55	16.78	
		Middle		16.92	16.72	17.09	16.90	17.02	
		High		16.43	16.45	16.46	16.68	16.98	
	50%	Low	18.00	16.77	16.76	16.65	16.68	16.91	
		Middle		16.71	16.72	16.59	16.70	16.99	
		High		16.84	16.79	17.07	16.79	17.03	
	100%	/	18.00	16.61	16.76	16.91	16.87	16.90	
	16QAM	1	Low	18.00	16.52	16.31	16.37	16.69	16.72
			Middle		16.56	16.40	16.48	16.54	16.65
High			16.61		16.63	16.56	16.49	16.73	
50%		Low	18.00	16.60	16.60	16.69	16.54	16.65	
		Middle		16.52	16.37	16.58	16.56	16.70	
		High		16.57	16.64	16.70	16.48	16.57	
100%		/	18.00	16.51	16.70	16.63	16.50	16.53	

Table 13.3-16: The conducted Power for LTE Band 66

Full power				
LTE B66			Maximum Conducted Power (dBm)	
Modulation	RB	RB Offset	Tune up	1.4MHz
				Channel/Frequency(MHz)

				131979/1710.7	132322/1745	132665/1779.3
QPSK	1	Low	24.00	22.50	22.64	22.56
		Middle		22.52	22.74	22.61
		High		22.44	22.37	22.29
	50%	Low	24.00	22.35	22.64	22.70
		Middle		22.29	22.54	22.62
		High		22.16	22.67	22.45
	100%	/	23.00	21.26	21.74	21.47
16QAM	1	Low	23.00	21.63	21.63	21.53
		Middle		21.65	21.64	21.62
		High		21.46	21.50	21.47
	50%	Low	23.00	21.82	21.64	21.63
		Middle		21.80	21.54	21.57
		High		21.68	21.50	21.62
	100%	/	22.00	20.69	20.59	20.75
Modulation	RB	RB Offset	Tune up	3MHz		
				Channel/Frequency(MHz)		
				131987/1711.5	132322/1745	132657/1778.5
QPSK	1	Low	24.00	22.52	22.56	22.46
		Middle		22.48	22.72	22.66
		High		22.41	22.37	22.27
	50%	Low	23.00	21.41	21.86	21.73
		Middle		21.34	21.75	21.78
		High		21.38	21.68	21.60
	100%	/	23.00	21.31	21.62	21.50
16QAM	1	Low	23.00	21.75	21.65	21.54
		Middle		21.74	21.60	21.62
		High		21.56	21.36	21.48
	50%	Low	22.00	20.93	20.72	20.69
		Middle		20.88	20.81	20.66
		High		20.79	20.76	20.68
	100%	/	22.00	20.75	20.75	20.85
Modulation	RB	RB Offset	Tune up	5MHz		
				Channel/Frequency(MHz)		
				131997/1712.5	132322/1745	132647/1777.5
QPSK	1	Low	24.00	22.42	22.58	22.54
		Middle		22.53	22.81	22.61
		High		22.52	22.46	22.17
	50%	Low	23.00	21.44	21.85	21.79
		Middle		21.36	21.76	21.71
		High		21.24	21.70	21.61
	100%	/	23.00	21.30	21.59	21.42

16QAM	1	Low	23.00	21.67	21.51	21.47
		Middle		21.69	21.56	21.65
		High		21.53	21.42	21.48
	50%	Low	22.00	20.89	20.86	20.68
		Middle		20.85	20.66	20.61
		High		20.76	20.77	20.65
	100%	/	22.00	20.83	20.71	20.77
Modulation	RB	RB Offset	Tune up	10MHz		
				Channel/Frequency(MHz)		
				132022/1715	132322/1745	132622/1775
QPSK	1	Low	24.00	22.49	22.57	22.47
		Middle		22.53	22.78	22.65
		High		22.42	22.38	22.22
	50%	Low	23.00	21.41	21.68	21.69
		Middle		21.43	21.54	21.67
		High		21.26	21.70	21.66
	100%	/	23.00	21.34	21.79	21.38
16QAM	1	Low	23.00	21.65	21.48	21.55
		Middle		21.78	21.42	21.62
		High		21.46	21.36	21.49
	50%	Low	22.00	20.94	20.84	20.68
		Middle		20.86	20.66	20.62
		High		20.79	20.58	20.65
	100%	/	22.00	20.66	20.58	20.73
Modulation	RB	RB Offset	Tune up	15MHz		
				Channel/Frequency(MHz)		
				132047/1717.5	132322/1745	132597/1772.5
QPSK	1	Low	24.00	22.50	22.61	22.45
		Middle		22.47	22.79	22.68
		High		22.41	22.43	22.25
	50%	Low	23.00	21.39	21.69	21.72
		Middle		21.36	21.72	21.71
		High		21.29	21.73	21.66
	100%	/	23.00	21.32	21.63	21.38
16QAM	1	Low	23.00	21.74	21.62	21.71
		Middle		21.76	21.55	21.72
		High		21.57	21.46	21.56
	50%	Low	22.00	20.91	20.73	20.77
		Middle		20.84	20.79	20.72
		High		20.77	20.72	20.76
	100%	/	22.00	20.73	20.71	20.83
Modulation	RB	RB Offset	Tune up	20MHz		

				Channel/Frequency(MHz)		
				132072/1720	132322/1745	132572/1770
QPSK	1	Low	24.00	22.57	22.65	22.52
		Middle		22.60	22.83	22.70
		High		22.47	22.48	22.35
	50%	Low	23.00	21.46	21.81	21.80
		Middle		21.38	21.72	21.78
		High		21.32	21.78	21.62
	100%	/	23.00	21.29	21.70	21.47
16QAM	1	Low	23.00	21.64	21.58	21.62
		Middle		21.72	21.61	21.68
		High		21.55	21.47	21.54
	50%	Low	22.00	20.92	20.81	20.74
		Middle		20.81	20.73	20.69
		High		20.74	20.67	20.72
	100%	/	22.00	20.71	20.67	20.80
Sensor on						
LTE B66			Maximum Conducted Power (dBm)			
Modulation	RB	RB Offset	Tune up	1.4MHz		
				Channel/Frequency(MHz)		
				131979/1710.7	132322/1745	132665/1779.3
QPSK	1	Low	20.50	18.97	18.93	19.00
		Middle		19.15	19.31	19.20
		High		18.81	18.79	18.79
	50%	Low	20.50	19.18	19.31	19.15
		Middle		19.20	19.35	19.16
		High		19.27	19.22	19.27
	100%	/	20.50	19.24	19.12	19.08
16QAM	1	Low	20.50	19.25	19.40	19.19
		Middle		19.27	19.18	19.20
		High		19.15	19.12	19.09
	50%	Low	20.50	19.19	19.19	19.17
		Middle		19.32	19.41	18.92
		High		19.28	19.39	19.08
	100%	/	20.50	19.09	19.30	19.08
Modulation	RB	RB Offset	Tune up	3MHz		
				Channel/Frequency(MHz)		
				131987/1711.5	132322/1745	132657/1778.5
QPSK	1	Low	20.50	19.04	18.97	19.03
		Middle		19.24	19.35	19.22
		High		18.83	18.80	18.85
	50%	Low	20.50	19.21	19.39	19.19

		Middle		19.29	19.33	19.30
		High		19.30	19.27	19.23
	100%	/	20.50	19.21	19.19	19.17
16QAM	1	Low	20.50	19.24	19.36	19.10
		Middle		19.23	19.20	19.16
		High		19.13	19.09	19.07
	50%	Low	20.50	19.16	19.23	19.14
		Middle		19.25	19.35	18.89
		High		19.25	19.34	19.04
	100%	/	20.50	19.07	19.26	19.05
Modulation	RB	RB Offset	Tune up	5MHz		
				Channel/Frequency(MHz)		
				131997/1712.5	132322/1745	132647/1777.5
QPSK	1	Low	20.50	18.94	18.99	19.11
		Middle		19.29	19.40	19.21
		High		18.94	18.85	18.75
	50%	Low	20.50	19.28	19.34	19.25
		Middle		19.35	19.39	19.23
		High		19.20	19.29	19.24
	100%	/	20.50	19.20	19.20	19.09
16QAM	1	Low	20.50	19.12	19.26	19.03
		Middle		19.14	19.16	19.19
		High		19.06	19.11	19.11
	50%	Low	20.50	19.08	19.33	19.17
		Middle		19.22	19.24	18.88
		High		19.22	19.39	19.05
	100%	/	20.50	19.15	19.22	18.97
Modulation	RB	RB Offset	Tune up	10MHz		
				Channel/Frequency(MHz)		
				132022/1715	132322/1745	132622/1775
QPSK	1	Low	20.50	19.05	18.98	19.04
		Middle		19.33	19.37	19.21
		High		18.84	18.81	18.80
	50%	Low	20.50	19.21	19.21	19.15
		Middle		19.38	19.21	19.19
		High		19.18	19.25	19.29
	100%	/	20.50	19.24	19.36	19.05
16QAM	1	Low	20.50	19.10	19.23	19.11
		Middle		19.23	19.02	19.16
		High		19.03	19.09	19.08
	50%	Low	20.50	19.17	19.35	19.13
		Middle		19.27	19.20	18.85

Modulation	RB	RB Offset	Tune up	15MHz				
				Channel/Frequency(MHz)				
				132047/1717.5	132322/1745	132597/1772.5		
QPSK	1	High	20.50	19.25	19.16	19.01		
		100%		/	20.50	18.98	19.09	18.93
		Low		19.02	19.02	19.06		
	50%	Middle	20.50	19.27	19.31	19.24		
		High		18.87	18.86	18.83		
		Low		19.23	19.22	19.18		
		Middle		19.24	19.28	19.12		
		High		19.21	19.28	19.25		
		100%		/	20.50	19.22	19.20	19.05
16QAM	1	Low	20.50	19.19	19.33	19.27		
		Middle		19.21	19.15	19.26		
		High		19.10	19.19	19.15		
	50%	Low	20.50	19.14	19.24	19.22		
		Middle		19.25	19.33	18.95		
		High		19.23	19.30	19.12		
	100%	/	20.50	19.05	19.22	19.03		
	Modulation	RB	RB Offset	Tune up	20MHz			
					Channel/Frequency(MHz)			
				132072/1720	132322/1745	132572/1770		
QPSK	1	Low	20.50	18.88	18.85	18.88		
		Middle		19.34	19.47	19.30		
		High		18.79	18.77	18.79		
	50%	Low	20.50	19.16	19.40	19.12		
		Middle		19.12	19.14	19.05		
		High		19.03	19.12	19.00		
	100%	/	20.50	19.25	19.21	19.13		
	16QAM	1	Low	20.50	18.92	19.08	18.97	
			Middle		18.96	18.96	19.01	
High			18.87		18.95	18.92		
50%		Low	20.50	18.90	19.07	18.98		
		Middle		18.97	19.06	18.71		
		High		18.99	19.04	18.87		
100%		/	20.50	18.82	18.97	18.79		

Table 13.3-17: The conducted Power for LTE Band 71

Full power					
LTE B71			Maximum Conducted Power (dBm)		
Modulation	RB	RB Offset	Tune up	5MHz	

				Channel/Frequency(MHz)		
				133147/665.5	133297/680.5	133447/695.5
QPSK	1	Low	24.00	21.81	21.91	21.93
		Middle		22.27	22.41	22.28
		High		22.18	21.98	21.87
	50%	Low	23.00	21.29	21.33	21.33
		Middle		21.32	21.47	21.27
		High		21.18	21.31	21.32
	100%	/	23.00	21.36	21.16	21.10
16QAM	1	Low	23.00	21.22	21.36	21.22
		Middle		21.24	21.31	21.38
		High		21.28	21.33	21.21
	50%	Low	22.00	20.29	20.33	20.30
		Middle		20.19	20.32	20.26
		High		20.35	20.52	20.17
	100%	/	22.00	20.33	20.41	20.21
Modulation	RB	RB Offset	Tune up	10MHz		
				Channel/Frequency(MHz)		
				133172/668	133297/680.5	133422/693
QPSK	1	Low	24.00	21.92	21.90	21.86
		Middle		22.34	22.38	22.28
		High		22.11	21.94	21.92
	50%	Low	23.00	21.25	21.17	21.20
		Middle		21.35	21.29	21.20
		High		21.16	21.27	21.34
	100%	/	23.00	21.37	21.32	21.06
16QAM	1	Low	23.00	21.17	21.33	21.30
		Middle		21.30	21.17	21.38
		High		21.28	21.31	21.21
	50%	Low	22.00	20.41	20.32	20.26
		Middle		20.27	20.25	20.23
		High		20.38	20.29	20.13
	100%	/	22.00	20.16	20.28	20.17
Modulation	RB	RB Offset	Tune up	15MHz		
				Channel/Frequency(MHz)		
				133197/670.5	133297/680.5	133397/690.5
QPSK	1	Low	24.00	21.89	21.94	21.88
		Middle		22.28	22.39	22.28
		High		22.14	21.99	21.92
	50%	Low	23.00	21.24	21.21	21.23
		Middle		21.32	21.50	21.27
		High		21.19	21.30	21.33

	100%	/	23.00	21.38	21.16	21.09
16QAM	1	Low	23.00	21.29	21.43	21.49
		Middle		21.31	21.27	21.45
		High		21.35	21.41	21.25
	50%	Low	22.00	20.35	20.24	20.32
		Middle		20.22	20.41	20.33
		High		20.36	20.43	20.24
	100%	/	22.00	20.23	20.41	20.27
Modulation	RB	RB Offset	Tune up	20MHz		
				Channel/Frequency(MHz)		
				133222/673	133322/683	133372/688
QPSK	1	Low	24.00	22.03	22.02	21.94
		Middle		22.46	22.47	22.35
		High		22.18	22.01	22.07
	50%	Low	23.00	21.33	21.37	21.34
		Middle		21.31	21.42	21.33
		High		21.28	21.43	21.25
	100%	/	23.00	21.32	21.33	21.27
16QAM	1	Low	23.00	21.15	21.38	21.31
		Middle		21.23	21.34	21.40
		High		21.31	21.35	21.24
	50%	Low	22.00	20.32	20.32	20.29
		Middle		20.11	20.29	20.27
		High		20.30	20.33	20.16
	100%	/	22.00	20.19	20.33	20.21
Sensor on						
Maximum Conducted Power (dBm)						
RB	RB Offset	Tune up	5MHz			
			Channel/Frequency(MHz)			
			133147/665.5	133297/680.5	133447/695.5	
1	Low	22.00	20.37	20.44	20.45	
	Middle		20.61	20.73	20.68	
	High		20.39	20.15	20.09	
50%	Low	22.00	20.60	20.56	20.62	
	Middle		20.63	20.76	20.63	
	High		20.73	20.76	20.77	
100%	/	22.00	20.54	20.49	20.34	
1	Low	22.00	20.41	20.46	20.21	
	Middle		20.63	20.74	20.48	
	High		20.50	20.57	20.55	
50%	Low	22.00	20.70	20.73	20.78	
	Middle		20.74	20.74	20.54	

	High		20.67	20.99	20.68
100%	/	22.00	20.94	20.74	20.63
RB	RB Offset	Tune up	10MHz		
			Channel/Frequency(MHz)		
			133172/668	133297/680.5	133422/693
1	Low	22.00	20.48	20.43	20.38
	Middle		20.65	20.70	20.68
	High		20.29	20.11	20.14
50%	Low	22.00	20.53	20.43	20.52
	Middle		20.66	20.58	20.59
	High		20.71	20.72	20.57
100%	/	22.00	20.91	20.98	20.63
1	Low	22.00	20.59	20.63	20.49
	Middle		20.85	20.73	20.58
	High		20.60	20.68	20.65
50%	Low	22.00	20.79	20.75	20.74
	Middle		20.79	20.70	20.51
	High		20.70	20.76	20.64
100%	/	22.00	20.77	20.61	20.59
RB	RB Offset	Tune up	15MHz		
			Channel/Frequency(MHz)		
			133197/670.5	133297/680.5	133397/690.5
1	Low	22.00	20.45	20.47	20.40
	Middle		20.59	20.71	20.71
	High		20.32	20.16	20.17
50%	Low	22.00	20.42	20.31	20.42
	Middle		20.70	20.83	20.70
	High		20.58	20.71	20.67
100%	/	22.00	20.89	20.82	20.63
1	Low	22.00	20.81	20.86	20.78
	Middle		20.83	20.86	20.68
	High		20.67	20.78	20.72
50%	Low	22.00	20.76	20.64	20.83
	Middle		20.77	20.83	20.61
	High		20.68	20.90	20.75
100%	/	22.00	20.84	20.74	20.69
RB	RB Offset	Tune up	20MHz		
			Channel/Frequency(MHz)		
			133222/673	133322/683	133372/688
1	Low	22.00	20.31	20.30	20.22
	Middle		20.80	21.08	20.85
	High		20.46	20.29	20.35

50%	Low	22.00	20.57	20.51	20.58
	Middle		20.60	20.71	20.65
	High		20.76	20.79	20.73
100%	/	22.00	20.65	20.68	20.51
1	Low	22.00	20.54	20.61	20.48
	Middle		20.58	20.67	20.43
	High		20.44	20.54	20.49
50%	Low	22.00	20.52	20.47	20.59
	Middle		20.49	20.56	20.37
	High		20.44	20.64	20.50
100%	/	22.00	20.61	20.49	20.45

13.4 BT Measurement result

Table 13.4-1: The conducted power for Bluetooth

BlueTooth	Maximum Output Power (dBm)					
	0/2402		39/2441		78/2480	
Channel/Frequency(MHz)	Tune up	Output Power	Tune up	Output Power	Tune up	Output Power
Mode						
DH5	10.00	8.83	10.00	8.45	10.00	8.57
2DH5	10.00	8.51	9.00	8.08	9.00	7.82
3DH5	10.00	8.47	9.00	8.09	9.00	7.77
Mode	Channel/Frequency(MHz)	Tune up		Output Power		
BLE 1M	0/2402	-1.00		-2.50		
	19/2440	-1.00		-2.14		
	39/2480	-2.00		-3.26		
BLE 2M	0/2402	-1.00		-2.60		
	19/2440	-1.00		-2.11		
	39/2480	-2.00		-3.28		

13.5 Wi-Fi Measurement result

Table 13.5-1: The average conducted power for Wi-Fi 2.4G

Wi-Fi 2.4G			Maximum Conducted Power (dBm)	
Mode	BW	Channel/Frequency(MHz)	Tune up(dBm)	Output Power(dBm)
802.11b	20M	1/2412	17.50	16.84
		6/2437	16.00	15.38
		11/2462	16.00	14.94
802.11g	20M	1/2412	14.00	13.13
		6/2437	14.00	13.30
		11/2462	14.00	12.81
802.11n	20M	1/2412	14.00	12.49
		6/2437	14.00	12.82
		11/2462	14.00	12.29
	40M	3/2422	12.00	10.39
		6/2437	12.00	11.32
		9/2452	12.00	11.13

Table 13.5-2: The average conducted power for Wi-Fi 5G

Wi-Fi 5G				Maximum Conducted Power (dBm)	
	Mode	BW	Channel/Frequency(MHz)	Tune up	Output Power
U-NII-1	802.11a	20M	36/5180	11.00	9.79
			40/5200	8.00	6.71
			48/5240	10.00	9.07
	802.11n	20M	36/5180	11.00	9.82
			40/5200	8.00	6.06
			48/5240	8.00	6.54

		40M	38/5190	9.00	8.09	
			46/5230	9.00	7.53	
	802.11ac	20M	36/5180	7.00	6.37	
			40/5200	7.00	5.84	
			48/5240	7.00	5.50	
		40M	38/5190	7.00	5.91	
			46/5230	7.00	5.31	
		80M	42/5210	7.00	5.65	
	U-NII-2A	802.11a	20M	52/5260	10.50	9.26
				56/5280	10.50	9.29
64/5320				10.50	9.43	
802.11n		20M	52/5260	10.00	8.90	
			56/5280	10.00	9.01	
			64/5320	7.00	5.83	
		40M	54/5270	9.00	7.71	
			62/5310	9.00	8.06	
		802.11ac	20M	52/5260	7.00	5.61
56/5280				7.00	5.68	
64/5320				7.00	5.74	
40M			54/5270	7.00	5.65	
			62/5310	7.00	5.86	
80M			58/5290	7.00	5.72	
U-NII-2C		802.11a	20M	100/5500	6.00	4.69
	116/5580			10.00	9.15	
	140/5700			11.50	10.52	
	802.11n	20M	100/5500	6.50	5.49	

			116/5580	9.50	8.41
			140/5700	10.50	9.59
		40M	102/5510	7.00	6.31
			110/5550	8.00	7.19
			134/5670	9.50	8.59
	802.11ac	20M	100/5500	6.50	5.28
			116/5580	6.50	5.26
			140/5700	7.50	6.49
		40M	102/5510	6.50	5.13
			110/5550	6.50	4.97
			134/5670	7.50	6.35
		80M	106/5530	6.50	4.93
	122/5610		6.50	5.52	
	U-NII-3	802.11a	20M	149/5745	13.50
157/5785				13.50	12.24
165/5825				13.50	12.25
802.11n		20M	149/5745	13.00	11.31
			157/5785	13.00	12.17
			165/5825	13.00	11.73
		40M	151/5755	11.50	10.13
			159/5795	11.50	10.42
802.11ac		20M	149/5745	9.50	8.37
			157/5785	9.50	8.56
			165/5825	9.50	8.50
		40M	151/5755	9.50	8.06
			159/5795	9.50	8.45

		80M	155/5775	9.50	7.89
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13.6 NFC Measurement result

Table 13.6-1: The maximum outpower for NFC

Frequency(MHz)	dB μ V/m @3m	EIRP(dBm)	Tune up(dBm)
13.56	71.922	-23.306	-22.00

Note: $EIRP(dBm) = \text{Radiated field strength}(dB\mu V/m) + 20\text{Log}(3) - 104.77$.

14 Test Results

14.1 Standalone SAR Test Result

14.1.1 Limit/Criterion

At frequencies between 100 kHz and 6 GHz, the MPE (Maximum Permissible Exposure) in population/uncontrolled environments for electromagnetic field strengths may be exceeded if

- (a) The exposure conditions can be shown by appropriate techniques to produce SARs below 0.08W/kg, as averaged over the whole body, and spatial peak SAR values not exceeding 1.6 W/kg, as averaged over any 1g of tissue (defined as a tissue volume in the shape of a cube), except for the hands, wrists, feet, and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over any 10g of tissue (defined as a tissue volume in the shape of a cube); and
- (b) The induced currents in the body confirm with the MPE in table 2, Part B in ANSI/IEEE C95.1-1992.

14.1.2 Test Results

Table 14.1.2-1: SAR Values for WCDMA Band II

Test Position	Power Reduction	Mode	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
								Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)											
Front Side	Full power	RMC12.2k	9400	1880	23.12	24.00	-0.05	0.402	1.22	0.492	/
Back Side	Full power	RMC12.2k	9400	1880	23.12	24.00	-0.14	0.075	1.22	0.092	/
Left Side	Full power	RMC12.2k	9400	1880	23.12	24.00	0.06	0.105	1.22	0.129	/
Right Side	Sensor on	RMC12.2k	9400	1880	20.06	21.00	-0.03	0.736	1.24	0.914	/
Top Side	Full power	RMC12.2k	9400	1880	23.12	24.00	-0.16	0.154	1.22	0.189	/
Right Side	Sensor on	RMC12.2k	9262	1852.4	20.26	21.00	-0.04	0.726	1.19	0.861	/
Right Side	Sensor on	RMC12.3k	9538	1907.6	20.09	21.00	-0.03	0.765	1.23	0.943	A.1-1
Body SAR Define (16mm)											
Right Side	Full power	RMC12.2k	9400	1880	23.12	24.00	-0.02	0.215	1.22	0.263	/
Test Position	Power Reduction	Mode	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
								Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)											
Front Side	Full power	RMC12.2k	9400	1880	23.12	24.00	0.09	0.469	1.22	0.574	/
Back Side	Full power	RMC12.2k	9400	1880	23.12	24.00	-0.10	0.063	1.22	0.077	/
Left Side	Full power	RMC12.2k	9400	1880	23.12	24.00	0.09	0.111	1.22	0.136	/
Right Side	Sensor on	RMC12.2k	9400	1880	20.06	21.00	-0.05	0.842	1.24	1.045	/
Top Side	Full power	RMC12.2k	9400	1880	23.12	24.00	0.04	0.283	1.22	0.347	/
Right Side	Full power	RMC12.2k	9262	1852.4	20.26	21.00	-0.05	0.826	1.19	0.979	/
Right Side	Full power	RMC12.3k	9538	1907.6	20.09	21.00	-0.03	0.912	1.23	1.125	A.1-2

Table 14.1.2-2: SAR Values for WCDMA Band IV

Test Position	Power Reduction	Mode	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
								Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)											
Front Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	-0.14	0.302	1.13	0.340	/
Back Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	0.00	0.084	1.13	0.095	/
Left Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	0.03	0.151	1.13	0.170	/
Right Side	Sensor on	RMC12.2k	1413	1732.6	20.87	21.50	0.05	0.735	1.16	0.850	/
Top Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	-0.03	0.334	1.13	0.376	/
Right Side	Sensor on	RMC12.2k	1312	1712.4	20.89	21.50	0.03	0.776	1.15	0.893	A.1-3
Right Side	Sensor on	RMC12.3k	1513	1752.6	20.85	21.50	0.00	0.734	1.16	0.853	/
Body SAR Define (16mm)											
Right Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	-0.04	0.276	1.13	0.311	/
Test Position	Power Reduction	Mode	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
								Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)											
Front Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	0.10	0.378	1.13	0.426	/
Back Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	0.06	0.073	1.13	0.082	/
Left Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	0.07	0.139	1.13	0.157	/
Right Side	Sensor on	RMC12.2k	1413	1732.6	20.87	21.50	-0.03	0.801	1.16	0.926	/
Top Side	Full power	RMC12.2k	1413	1732.6	23.48	24.00	0.01	0.543	1.13	0.612	/
Right Side	Sensor on	RMC12.2k	1312	1712.4	20.89	21.50	0.02	0.813	1.15	0.936	/
Right Side	Sensor on	RMC12.3k	1513	1752.6	20.85	21.50	-0.01	0.826	1.16	0.959	A.1-4

Table 14.1.2-3: SAR Values for WCDMA Band V

Test Position	Power Reduction	Mode	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
								Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)											
Front Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	0.02	0.285	1.08	0.307	/
Back Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	-0.02	0.179	1.08	0.193	/
Left Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	0.09	0.067	1.08	0.073	/
Right Side	Sensor on	RMC12.2k	4183	836.6	20.32	21.00	-0.04	0.760	1.17	0.889	/
Top Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	-0.17	0.058	1.08	0.063	/
Right Side	Sensor on	RMC12.2k	4132	826.4	20.24	21.00	-0.03	0.697	1.19	0.830	/
Right Side	Sensor on	RMC12.3k	4233	846.6	20.26	21.00	-0.02	0.819	1.19	0.971	A.1-5
Repeat											
Right Side	Sensor on	RMC12.3k	4233	846.6	20.26	21.00	-0.03	0.811	1.19	0.962	/
Body SAR Define (16mm)											
Right Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	-0.02	0.217	1.08	0.234	/
Test Position	Power Reduction	Mode	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
								Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)											
Front Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	0.10	0.328	1.08	0.354	/
Back Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	-0.04	0.164	1.08	0.177	/
Left Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	-0.01	0.053	1.08	0.057	/
Right Side	Sensor on	RMC12.2k	4183	836.6	20.32	21.00	0.15	1.010	1.17	1.181	/
Top Side	Full power	RMC12.2k	4183	836.6	23.67	24.00	-0.13	0.096	1.08	0.104	/
Right Side	Sensor on	RMC12.2k	4132	826.4	20.24	21.00	-0.02	0.963	1.19	1.147	/
Right Side	Sensor on	RMC12.3k	4233	846.6	20.26	21.00	-0.02	1.020	1.19	1.209	A.1-6

Table 14.1.2-4: SAR Values for LTE Band 7

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	0.04	1.020	1.21	1.238	/
Back Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	-0.04	0.188	1.21	0.228	/
Left Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	0.03	0.182	1.21	0.221	/
Right Side	Sensor on	QPSK	20	1	mid	21100	2535	16.08	17.00	0.06	0.776	1.24	0.959	/
Top Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	-0.03	0.183	1.21	0.222	/
Front Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	-0.08	0.811	1.24	1.009	/
Back Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	0.18	0.150	1.24	0.187	/
Left Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	-0.04	0.135	1.24	0.168	/
Right Side	Sensor on	QPSK	20	50%	high	21100	2535	15.93	17.00	-0.04	0.754	1.28	0.965	/
Top Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	0.03	0.141	1.24	0.175	/
Front Side	Full power	QPSK	20	1	mid	20850	2510	23.08	24.00	0.03	1.070	1.24	1.322	/
Front Side	Full power	QPSK	20	1	mid	21350	2560	23.02	24.00	0.12	1.090	1.25	1.366	A.1-7
Front Side	Full power	QPSK	20	50%	high	20850	2510	22.04	23.00	0.08	0.924	1.25	1.153	/
Front Side	Full power	QPSK	20	50%	high	21350	2560	22.01	23.00	0.03	0.918	1.26	1.153	/
Front Side	Full power	QPSK	20	100%	low	20850	2510	21.90	23.00	0.04	0.879	1.29	1.132	/
Front Side	Full power	QPSK	20	100%	low	21100	2535	21.84	23.00	-0.07	0.790	1.31	1.032	/
Front Side	Full power	QPSK	20	100%	low	21350	2560	21.87	23.00	0.02	0.880	1.30	1.142	/
Right Side	Sensor on	QPSK	20	1	mid	20850	2510	16.03	17.00	0.03	0.777	1.25	0.971	/
Right Side	Sensor on	QPSK	20	1	mid	21350	2560	16.05	17.00	-0.04	0.745	1.24	0.927	/
Right Side	Sensor on	QPSK	20	50%	high	20850	2510	15.89	17.00	-0.13	0.770	1.29	0.994	/
Right Side	Sensor on	QPSK	20	50%	high	21350	2560	15.91	17.00	-0.02	0.756	1.29	0.972	/
Repeat														
Front Side	Full power	QPSK	20	1	mid	21350	2560	23.02	24.00	0.10	1.070	1.25	1.341	/
SIM2														
Front Side	Full power	QPSK	20	1	mid	21350	2560	23.02	24.00	0.04	1.020	1.25	1.278	/
Body SAR Define (16mm)														
Right Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	-0.04	0.709	1.21	0.860	/
Right Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	-0.02	0.553	1.24	0.688	/
Right Side	Full power	QPSK	20	1	mid	20850	2510	23.08	24.00	-0.03	0.716	1.24	0.885	/
Right Side	Full power	QPSK	20	1	mid	21350	2560	23.02	24.00	0.08	0.652	1.25	0.817	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	0.00	1.010	1.21	1.226	/
Back Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	0.07	0.131	1.21	0.159	/
Left Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	0.04	0.075	1.21	0.091	/
Right Side	Sensor on	QPSK	20	1	mid	21100	2535	16.08	17.00	-0.06	0.836	1.24	1.033	/
Top Side	Full power	QPSK	20	1	mid	21100	2535	23.16	24.00	-0.08	0.146	1.21	0.177	/
Front Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	0.10	0.786	1.24	0.978	/
Back Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	0.04	0.104	1.24	0.129	/
Left Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	-0.05	0.055	1.24	0.068	/
Right Side	Sensor on	QPSK	20	50%	high	21100	2535	15.93	17.00	-0.02	0.819	1.28	1.048	/
Top Side	Full power	QPSK	20	50%	high	21100	2535	22.05	23.00	-0.08	0.111	1.24	0.138	/
Front Side	Full power	QPSK	20	1	mid	20850	2510	23.08	24.00	0.10	1.040	1.24	1.285	A.1-8
Front Side	Full power	QPSK	20	1	mid	21350	2560	23.02	24.00	0.00	0.928	1.25	1.163	/
SIM2														
Front Side	Full power	QPSK	20	1	mid	20850	2510	23.08	24.00	0.00	0.990	1.24	1.224	/

Table 14.1.2-5: SAR Values for LTE Band 12

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	-0.07	0.404	1.28	0.518	/
Back Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	-0.15	0.120	1.28	0.154	/
Left Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	-0.08	0.072	1.28	0.092	/
Right Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	0.02	0.626	1.28	0.803	A.1-9
Top Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	-0.02	0.077	1.28	0.098	/
Front Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	0.03	0.329	1.26	0.415	/
Back Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	-0.09	0.065	1.26	0.082	/
Left Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	-0.02	0.051	1.26	0.064	/
Right Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	-0.07	0.500	1.26	0.631	/
Top Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	0.00	0.067	1.26	0.084	/
Right Side	Full power	QPSK	10	1	mid	23060	704	22.88	24.00	0.04	0.619	1.29	0.801	/
Right Side	Full power	QPSK	10	1	mid	23130	711	22.85	24.00	-0.07	0.549	1.30	0.715	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	0.10	0.403	1.28	0.517	/
Back Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	0.02	0.092	1.28	0.117	/
Left Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	0.02	0.103	1.28	0.132	/
Right Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	0.04	0.271	1.28	0.348	/
Top Side	Full power	QPSK	10	1	mid	23095	707.5	22.92	24.00	0.03	0.112	1.28	0.144	/
Front Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	0.06	0.333	1.26	0.420	/
Back Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	-0.02	0.073	1.26	0.092	/
Left Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	0.02	0.077	1.26	0.097	/
Right Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	0.07	0.213	1.26	0.269	/
Top Side	Full power	QPSK	10	50%	high	23095	707.5	21.99	23.00	-0.01	0.087	1.26	0.109	/
Front Side	Full power	QPSK	10	1	mid	23060	704	22.88	24.00	0.09	0.418	1.29	0.541	A.1-10
Front Side	Full power	QPSK	10	1	mid	23130	711	22.85	24.00	0.03	0.414	1.30	0.540	/

Table 14.1.2-6: SAR Values for LTE Band 13

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	0.02	0.261	1.31	0.342	/
Back Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	-0.06	0.171	1.31	0.224	/
Left Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	0.03	0.066	1.31	0.087	/
Right Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	-0.09	0.716	1.31	0.940	A.1-11
Top Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	-0.16	0.123	1.31	0.161	/
Front Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	0.07	0.203	1.35	0.274	/
Back Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	0.12	0.135	1.35	0.182	/
Left Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	0.07	0.054	1.35	0.073	/
Right Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	-0.04	0.569	1.35	0.768	/
Top Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	-0.02	0.098	1.35	0.133	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	0.03	0.330	1.31	0.433	/
Back Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	-0.05	0.150	1.31	0.197	/
Left Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	-0.05	0.047	1.31	0.061	/
Right Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	-0.03	0.769	1.31	1.009	A.1-12
Top Side	Full power	QPSK	10	1	mid	23230	782	22.82	24.00	-0.01	0.138	1.31	0.181	/
Front Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	0.11	0.263	1.35	0.355	/
Back Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	-0.15	0.119	1.35	0.161	/
Left Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	0.03	0.042	1.35	0.056	/
Right Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	-0.03	0.631	1.35	0.851	/
Top Side	Full power	QPSK	10	50%	high	23230	782	21.70	23.00	-0.15	0.116	1.35	0.156	/

Table 14.1.2-7: SAR Values for LTE Band 14

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	0.03	0.219	1.31	0.287	/
Back Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	-0.07	0.192	1.31	0.251	/
Left Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	-0.06	0.061	1.31	0.080	/
Right Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	0.05	0.614	1.31	0.804	A.1-13
Top Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	-0.06	0.118	1.31	0.154	/
Front Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	0.11	0.156	1.35	0.211	/
Back Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	-0.06	0.133	1.35	0.180	/
Left Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	0.07	0.049	1.35	0.066	/
Right Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	0.06	0.465	1.35	0.629	/
Top Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	-0.09	0.092	1.35	0.125	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	0.16	0.273	1.31	0.357	/
Back Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	-0.09	0.123	1.31	0.161	/
Left Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	0.03	0.034	1.31	0.044	/
Right Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	-0.12	0.694	1.31	0.909	A.1-14
Top Side	Full power	QPSK	10	1	mid	23330	793	22.83	24.00	-0.12	0.106	1.31	0.139	/
Front Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	0.02	0.169	1.35	0.229	/
Back Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	-0.02	0.094	1.35	0.127	/
Left Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	-0.03	0.053	1.35	0.072	/
Right Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	0.00	0.567	1.35	0.767	/
Top Side	Full power	QPSK	10	50%	high	23330	793	21.69	23.00	-0.05	0.094	1.35	0.127	/

Table 14.1.2-8: SAR Values for LTE Band 25

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	-0.06	0.403	1.31	0.526	/
Back Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	-0.02	0.088	1.31	0.115	/
Left Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	0.08	0.105	1.31	0.137	/
Right Side	Sensor on	QPSK	20	1	mid	26365	1882.5	18.94	20.00	-0.03	0.564	1.28	0.720	/
Top Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	-0.09	0.325	1.31	0.425	/
Front Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	-0.07	0.372	1.35	0.501	/
Back Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	0.09	0.077	1.35	0.103	/
Left Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	0.06	0.084	1.35	0.113	/
Right Side	Sensor on	QPSK	20	50%	low	26365	1882.5	18.95	20.00	-0.14	0.578	1.27	0.736	/
Top Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	0.17	0.279	1.35	0.375	/
Right Side	Sensor on	QPSK	20	50%	low	26140	1860	18.92	20.00	-0.09	0.568	1.28	0.728	/
Right Side	Sensor on	QPSK	20	50%	low	26590	1905	18.94	20.00	-0.09	0.610	1.28	0.779	A.1-15
Body SAR Define (16mm)														
Right Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	0.08	0.438	1.31	0.572	/
Right Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	0.10	0.356	1.35	0.479	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	0.07	0.508	1.31	0.664	/
Back Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	-0.07	0.063	1.31	0.082	/
Left Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	0.06	0.115	1.31	0.150	/
Right Side	Sensor on	QPSK	20	1	mid	26365	1882.5	18.94	20.00	0.09	0.768	1.28	0.980	/
Top Side	Full power	QPSK	20	1	mid	26365	1882.5	22.84	24.00	-0.15	0.292	1.31	0.381	/
Front Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	0.02	0.421	1.35	0.567	/
Back Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	-0.11	0.054	1.35	0.073	/
Left Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	0.08	0.073	1.35	0.098	/
Right Side	Sensor on	QPSK	20	50%	low	26365	1882.5	18.95	20.00	-0.02	0.777	1.27	0.990	/
Top Side	Full power	QPSK	20	50%	low	26365	1882.5	21.71	23.00	-0.12	0.252	1.35	0.339	/
Right Side	Full power	QPSK	20	50%	low	26140	1860	18.92	20.00	-0.14	0.725	1.28	0.930	/
Right Side	Full power	QPSK	20	50%	low	26590	1905	18.94	20.00	0.07	0.852	1.28	1.088	A.1-16

Table 14.1.2-9: SAR Values for LTE Band 26

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	0.07	0.249	1.27	0.317	/
Back Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	-0.05	0.171	1.27	0.218	/
Left Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	0.02	0.097	1.27	0.124	/
Right Side	Sensor on	QPSK	15	1	mid	26865	831.5	19.53	20.50	-0.05	0.575	1.25	0.719	/
Top Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	-0.01	0.077	1.27	0.097	/
Front Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	0.02	0.212	1.29	0.274	/
Back Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	-0.02	0.133	1.29	0.172	/
Left Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	0.07	0.076	1.29	0.099	/
Right Side	Sensor on	QPSK	15	50%	low	26865	831.5	19.54	20.50	-0.09	0.569	1.25	0.710	/
Top Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	-0.02	0.062	1.29	0.080	/
Right Side	Sensor on	QPSK	15	1	mid	26765	821.5	19.40	20.50	-0.09	0.547	1.29	0.705	/
Right Side	Sensor on	QPSK	15	1	mid	26915	836.5	19.38	20.50	-0.02	0.535	1.29	0.692	/
Right Side	Sensor on	QPSK	15	1	mid	26965	841.5	19.44	20.50	-0.16	0.617	1.28	0.788	A.1-17
Body SAR Define (16mm)														
Right Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	-0.08	0.422	1.27	0.537	/
Right Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	-0.05	0.305	1.29	0.394	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	0.06	0.316	1.27	0.402	/
Back Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	-0.02	0.145	1.27	0.185	/
Left Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	0.12	0.066	1.27	0.083	/
Right Side	Sensor on	QPSK	15	1	mid	26865	831.5	19.53	20.50	-0.10	0.809	1.25	1.011	A.1-18
Top Side	Full power	QPSK	15	1	mid	26865	831.5	22.95	24.00	-0.04	0.091	1.27	0.116	/
Front Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	0.08	0.262	1.29	0.338	/
Back Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	-0.03	0.114	1.29	0.147	/
Left Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	-0.11	0.053	1.29	0.068	/
Right Side	Sensor on	QPSK	15	50%	low	26865	831.5	19.54	20.50	-0.08	0.806	1.25	1.005	/
Top Side	Full power	QPSK	15	50%	low	26865	831.5	21.89	23.00	-0.07	0.071	1.29	0.092	/
Right Side	Sensor on	QPSK	15	1	mid	26765	821.5	19.40	20.50	0.04	0.790	1.29	1.018	/
Right Side	Sensor on	QPSK	15	1	mid	26915	836.5	19.38	20.50	-0.01	0.779	1.29	1.008	/
Right Side	Sensor on	QPSK	15	1	mid	26965	841.5	19.44	20.50	-0.02	0.804	1.28	1.026	/

Note: The test channel is 26765/26865/26965 for FCC and 26865/26915/26965 for IC.

Table 14.1.2-10: SAR Values for LTE Band 30

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worm&Hotspot 5mm)														
Front Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	0.03	0.337	1.25	0.420	/
Back Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	-0.17	0.119	1.25	0.148	/
Left Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	0.03	0.170	1.25	0.212	/
Right Side	Sensor on	QPSK	10	1	mid	27710	2310	17.18	18.00	-0.02	0.721	1.21	0.871	A.1-19
Top Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	-0.13	0.150	1.25	0.187	/
Front Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	0.08	0.275	1.28	0.353	/
Back Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	-0.03	0.096	1.28	0.123	/
Left Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	0.02	0.132	1.28	0.169	/
Right Side	Sensor on	QPSK	10	50%	low	27710	2310	17.11	18.00	-0.04	0.706	1.23	0.867	/
Top Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	0.02	0.121	1.28	0.155	/
Body SAR Define (16mm)														
Right Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	-0.05	0.621	1.25	0.775	/
Right Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	-0.14	0.502	1.28	0.644	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	0.03	0.401	1.25	0.500	/
Back Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	-0.11	0.078	1.25	0.097	/
Left Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	0.02	0.136	1.25	0.170	/
Right Side	Sensor on	QPSK	10	1	mid	27710	2310	17.18	18.00	0.14	0.682	1.21	0.824	A.1-20
Top Side	Full power	QPSK	10	1	mid	27710	2310	23.04	24.00	-0.12	0.144	1.25	0.180	/
Front Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	0.02	0.325	1.28	0.417	/
Back Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	-0.10	0.077	1.28	0.099	/
Left Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	0.07	0.106	1.28	0.136	/
Right Side	Sensor on	QPSK	10	50%	low	27710	2310	17.11	18.00	-0.03	0.652	1.23	0.800	/
Top Side	Full power	QPSK	10	50%	high	27710	2310	21.92	23.00	-0.07	0.112	1.28	0.144	/

Table 14.1.2-11: SAR Values for LTE Band 41

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.05	0.653	1.18	0.771	/
Back Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.04	0.115	1.18	0.136	/
Left Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.03	0.085	1.18	0.100	/
Right Side	Sensor on	QPSK	20	1	mid	40620	2593	17.09	18.00	0.03	0.584	1.23	0.720	/
Top Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.02	0.144	1.18	0.170	/
Front Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	-0.05	0.497	1.16	0.579	/
Back Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	-0.02	0.134	1.16	0.156	/
Left Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	0.00	0.084	1.16	0.098	/
Right Side	Sensor on	QPSK	20	50%	high	40620	2593	17.07	18.00	-0.05	0.591	1.24	0.732	/
Top Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	-0.03	0.128	1.16	0.149	/
Front Side	Full power	QPSK	20	1	mid	39750	2506	22.99	24.00	-0.11	0.767	1.26	0.968	A.1-21
Front Side	Full power	QPSK	20	1	mid	41490	2680	23.27	24.00	0.01	0.596	1.18	0.705	/
Front Side	Full power	QPSK	20	1	mid	39790	2510	22.94	24.00	0.01	0.539	1.28	0.688	/
Right Side	Sensor on	QPSK	20	1	mid	39750	2506	16.78	18.00	-0.09	0.602	1.32	0.797	/
Right Side	Sensor on	QPSK	20	1	mid	41490	2680	17.02	18.00	0.03	0.604	1.25	0.757	/
Right Side	Sensor on	QPSK	20	1	mid	39790	2510	16.92	18.00	-0.03	0.557	1.28	0.714	/
Right Side	Sensor on	QPSK	20	50%	high	39750	2506	16.98	18.00	-0.04	0.587	1.26	0.742	/
Right Side	Sensor on	QPSK	20	50%	high	41490	2680	17.03	18.00	0.14	0.575	1.25	0.719	/
Right Side	Sensor on	QPSK	20	50%	high	39790	2510	16.84	18.00	-0.05	0.564	1.31	0.737	/
Body SAR Define (16mm)														
Right Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.02	0.376	1.18	0.444	/
Right Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	-0.08	0.373	1.16	0.434	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.10	0.554	1.18	0.654	/
Back Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.03	0.072	1.18	0.085	/
Left Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	0.06	0.033	1.18	0.039	/
Right Side	Sensor on	QPSK	20	1	mid	40620	2593	17.09	18.00	0.08	0.629	1.23	0.776	/
Top Side	Full power	QPSK	20	1	mid	40620	2593	23.28	24.00	-0.03	0.108	1.18	0.127	/
Front Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	-0.06	0.446	1.16	0.519	/
Back Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	0.03	0.069	1.16	0.080	/
Left Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	0.00	0.091	1.16	0.106	/
Right Side	Sensor on	QPSK	20	50%	high	40620	2593	17.07	18.00	0.07	0.624	1.24	0.773	/
Top Side	Full power	QPSK	20	50%	low	41490	2680	22.34	23.00	-0.10	0.101	1.16	0.118	/
Right Side	Sensor on	QPSK	20	1	mid	39750	2506	16.78	18.00	0.05	0.620	1.32	0.821	/
Right Side	Sensor on	QPSK	20	1	mid	41490	2680	17.02	18.00	0.06	0.662	1.25	0.830	A.1-22
Right Side	Sensor on	QPSK	20	1	mid	39790	2510	16.92	18.00	0.05	0.598	1.28	0.767	/

Note: The test channel is 39750/40620/41490 for FCC and 39790/40620/41490 for IC.

Table 14.1.2-12: SAR Values for LTE Band 66

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	20	1	mid	132322	1745	22.83	24.00	-0.06	0.253	1.31	0.331	/
Back Side	Full power	QPSK	20	1	mid	132322	1745	22.83	24.00	0.16	0.075	1.31	0.099	/
Left Side	Full power	QPSK	20	1	mid	132322	1745	22.83	24.00	0.07	0.136	1.31	0.178	/
Right Side	Sensor on	QPSK	20	1	mid	132322	1745	19.47	20.50	0.01	0.633	1.27	0.802	/
Top Side	Full power	QPSK	20	1	mid	132322	1745	22.83	24.00	-0.13	0.507	1.31	0.664	/
Front Side	Full power	QPSK	20	50%	low	132322	1745	21.81	23.00	-0.04	0.199	1.32	0.262	/
Back Side	Full power	QPSK	20	50%	low	132322	1745	21.81	23.00	0.05	0.059	1.32	0.078	/
Left Side	Full power	QPSK	20	50%	low	132322	1745	21.81	23.00	0.06	0.109	1.32	0.143	/
Right Side	Sensor on	QPSK	20	50%	low	132322	1745	19.40	20.50	0.02	0.619	1.29	0.797	/
Top Side	Full power	QPSK	20	50%	low	132322	1745	21.81	23.00	-0.11	0.410	1.32	0.539	/
Right Side	Sensor on	QPSK	20	1	mid	132072	1720	19.34	20.50	0.03	0.638	1.31	0.833	A.1-23
Right Side	Sensor on	QPSK	20	1	mid	132572	1770	19.30	20.50	-0.06	0.633	1.32	0.834	/
Body SAR Define (16mm)														
Right Side	Full power	QPSK	20	1	mid	132322	1745	22.83	24.00	0.03	0.445	1.31	0.583	/
Right Side	Full power	QPSK	20	50%	low	132322	1745	21.81	23.00	0.00	0.354	1.32	0.466	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	20	1	mid	132322	1745	22.83	23.50	0.02	0.356	1.17	0.415	/
Back Side	Full power	QPSK	20	1	mid	132322	1745	22.83	23.50	0.02	0.064	1.17	0.075	/
Left Side	Full power	QPSK	20	1	mid	132322	1745	22.83	23.50	0.07	0.121	1.17	0.141	/
Right Side	Sensor on	QPSK	20	1	mid	132322	1745	19.47	20.50	0.09	0.759	1.27	0.962	/
Top Side	Full power	QPSK	20	1	mid	132322	1745	22.83	23.50	0.03	0.465	1.17	0.543	/
Front Side	Full power	QPSK	20	50%	low	132322	1745	21.81	22.50	0.10	0.286	1.17	0.335	/
Back Side	Full power	QPSK	20	50%	low	132322	1745	21.81	22.50	0.12	0.051	1.17	0.060	/
Left Side	Full power	QPSK	20	50%	low	132322	1745	21.81	22.50	0.06	0.098	1.17	0.115	/
Right Side	Sensor on	QPSK	20	50%	low	132322	1745	19.40	20.50	0.07	0.765	1.29	0.986	/
Top Side	Full power	QPSK	20	50%	low	132322	1745	21.81	22.50	-0.08	0.378	1.17	0.443	/
Right Side	Sensor on	QPSK	20	50%	low	132072	1720	19.16	20.50	0.07	0.802	1.36	1.092	/
Right Side	Sensor on	QPSK	20	50%	low	132572	1770	19.12	20.50	0.03	0.830	1.37	1.140	A.1-24

Table 14.1.2-13: SAR Values for LTE Band 71

Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR1g	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	0.04	0.384	1.42	0.546	/
Back Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	-0.17	0.146	1.42	0.208	/
Left Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	-0.12	0.051	1.42	0.073	/
Right Side	Sensor on	QPSK	20	1	mid	133322	683	21.08	22.00	0.14	0.567	1.24	0.701	/
Top Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	-0.02	0.129	1.42	0.183	/
Front Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	0.03	0.286	1.44	0.411	/
Back Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	-0.05	0.109	1.44	0.156	/
Left Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	0.06	0.038	1.44	0.054	/
Right Side	Sensor on	QPSK	20	50%	high	133322	683	20.79	22.00	0.03	0.577	1.32	0.762	A.1-25
Top Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	-0.03	0.095	1.44	0.136	/
Right Side	Sensor on	QPSK	20	50%	high	133222	673	20.76	22.00	0.02	0.561	1.33	0.746	/
Right Side	Sensor on	QPSK	20	50%	high	133372	688	20.73	22.00	-0.04	0.539	1.34	0.722	/
Body SAR Define (16mm)														
Right Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	-0.01	0.518	1.42	0.737	/
Right Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	0.00	0.429	1.44	0.616	/
Test Position	Power Reduction	Mode				Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)			Figure No.
		Modulation	BW(MHz)	RB Allocation	RB Offset						Measured SAR10g	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	0.04	0.354	1.42	0.504	/
Back Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	-0.09	0.129	1.42	0.183	/
Left Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	0.06	0.083	1.42	0.118	/
Right Side	Sensor on	QPSK	20	1	mid	133322	683	21.08	22.00	0.09	0.316	1.24	0.391	/
Top Side	Full power	QPSK	20	1	mid	133322	683	22.47	24.00	-0.14	0.123	1.42	0.175	/
Front Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	0.10	0.293	1.44	0.421	/
Back Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	-0.11	0.097	1.44	0.139	/
Left Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	0.06	0.065	1.44	0.093	/
Right Side	Sensor on	QPSK	20	50%	high	133322	683	20.79	22.00	0.09	0.342	1.32	0.452	/
Top Side	Full power	QPSK	20	50%	high	133322	683	21.43	23.00	0.02	0.092	1.44	0.132	/
Front Side	Full power	QPSK	20	1	mid	133222	673	22.46	24.00	0.06	0.357	1.43	0.509	/
Front Side	Full power	QPSK	20	1	mid	133372	688	22.35	24.00	0.03	0.372	1.46	0.544	A.1-26

Table 14.1.2-14: SAR Values for Wi-Fi 2.4G

Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)				Figure No.
										Measured SAR1g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	0.05	0.029	1.00	1.16	0.034	/
Back Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	0.11	0.113	1.00	1.16	0.132	/
Left Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	0.10	0.018	1.00	1.16	0.021	/
Right Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	0.02	0.451	1.00	1.16	0.525	/
Top Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	0.02	0.009	1.00	1.16	0.011	/
Right Side	Full power	802.11b	20	100%	6	2437	15.38	16.00	0.03	0.482	1.00	1.15	0.556	A.1-27
Right Side	Full power	802.11b	20	100%	11	2462	14.94	15.50	0.03	0.472	1.00	1.14	0.537	/
Body SAR Define (16mm)														
Right Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	-0.04	0.089	1.00	1.16	0.103	/
Right Side	Full power	802.11b	20	100%	6	2437	15.38	16.00	-0.02	0.103	1.00	1.15	0.119	/
Right Side	Full power	802.11b	20	100%	11	2462	14.94	15.50	-0.14	0.109	1.00	1.14	0.124	/
Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)				Figure No.
										Measured SAR10g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	0.00	0.034	1.00	1.16	0.039	/
Back Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	-0.02	0.076	1.00	1.16	0.088	/
Left Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	0.10	0.009	1.00	1.16	0.010	/
Right Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	-0.02	0.326	1.00	1.16	0.380	A.1-28
Top Side	Full power	802.11b	20	100%	1	2412	16.84	17.50	-0.05	0.005	1.00	1.16	0.005	/
Right Side	Full power	802.11b	20	100%	6	2437	15.38	16.00	0.02	0.302	1.00	1.15	0.348	/
Right Side	Full power	802.11b	20	100%	11	2462	14.94	15.50	0.03	0.295	1.00	1.14	0.336	/

Table 14.1.2-15: SAR Values for Wi-Fi 5G U-NII-1

Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)				Figure No.
										Measured SAR1g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.00	0.011	1.03	1.32	0.015	/
Back Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.04	0.057	1.03	1.32	0.078	/
Left Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.00	0.030	1.03	1.32	0.041	/
Right Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	-0.02	0.170	1.03	1.32	0.231	/
Top Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.00	0.003	1.03	1.32	0.004	/
Right Side	Full power	802.11a	20	96.53%	40	5200	6.71	8.00	0.02	0.075	1.04	1.35	0.104	/
Right Side	Full power	802.11a	20	96.53%	48	5240	9.07	10.00	0.04	0.234	1.04	1.24	0.300	A.1-29
Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)				Figure No.
										Measured SAR10g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.00	0.000	1.03	1.32	0.000	/
Back Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	-0.09	0.026	1.03	1.32	0.035	/
Left Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.00	0.015	1.03	1.32	0.021	/
Right Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.10	0.142	1.03	1.32	0.193	/
Top Side	Full power	802.11a	20	97.22%	36	5180	9.79	11.00	0.00	0.002	1.03	1.32	0.003	/
Right Side	Full power	802.11a	20	96.53%	40	5200	6.71	8.00	0.00	0.066	1.04	1.35	0.093	/
Right Side	Full power	802.11a	20	96.53%	48	5240	9.07	10.00	0.03	0.168	1.04	1.24	0.216	A.1-30

Table 14.1.2-16: SAR Values for Wi-Fi 5G U-NII-2A

Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)				Figure No.
										Measured SAR1g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.000	1.04	1.28	0.000	/
Back Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.02	0.047	1.04	1.28	0.062	/
Left Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.038	1.04	1.28	0.051	/
Right Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.315	1.04	1.28	0.417	A.1-31
Top Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.005	1.04	1.28	0.006	/
Right Side	Full power	802.11a	20	96.53%	52	5260	9.26	10.50	0.02	0.242	1.04	1.33	0.334	/
Right Side	Full power	802.11a	20	96.53%	56	5280	9.29	10.50	0.01	0.286	1.04	1.32	0.391	/
Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)				Figure No.
										Measured SAR10g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.012	1.04	1.28	0.016	/
Back Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.03	0.023	1.04	1.28	0.030	/
Left Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.018	1.04	1.28	0.024	/
Right Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.209	1.04	1.28	0.277	A.1-32
Top Side	Full power	802.11a	20	96.53%	64	5320	9.43	10.50	0.00	0.002	1.04	1.28	0.002	/
Right Side	Full power	802.11a	20	96.53%	52	5260	9.26	10.50	0.00	0.176	1.04	1.33	0.243	/
Right Side	Full power	802.11a	20	96.53%	56	5280	9.29	10.50	0.10	0.186	1.04	1.32	0.255	/

Table 14.1.2-17: SAR Values for Wi-Fi 5G U-NII-2C

Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)				Figure No.
										Measured SAR1g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.00	0.031	1.03	1.25	0.040	/
Back Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.10	0.040	1.03	1.25	0.051	/
Left Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.00	0.035	1.03	1.25	0.045	/
Right Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.12	0.296	1.03	1.25	0.382	A.1-33
Top Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.00	0.000	1.03	1.25	0.000	/
Right Side	Full power	802.11a	20	96.53%	100	5500	4.69	6.00	0.03	0.111	1.04	1.35	0.155	/
Right Side	Full power	802.11a	20	97.22%	116	5580	9.15	10.00	0.00	0.287	1.03	1.22	0.359	/
Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)				Figure No.
										Measured SAR10g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.00	0.015	1.03	1.25	0.019	/
Back Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.08	0.029	1.03	1.25	0.038	/
Left Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.00	0.019	1.03	1.25	0.024	/
Right Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.03	0.224	1.03	1.25	0.289	A.1-34
Top Side	Full power	802.11a	20	97.20%	140	5700	10.52	11.50	0.00	0.003	1.03	1.25	0.004	/
Right Side	Full power	802.11a	20	96.53%	100	5500	4.69	6.00	0.00	0.082	1.04	1.35	0.115	/
Right Side	Full power	802.11a	20	97.22%	116	5580	9.15	10.00	0.10	0.223	1.03	1.22	0.279	/

Table 14.1.2-18: SAR Values for Wi-Fi 5G U-NII-3

Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)				Figure No.
										Measured SAR1g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR1g	
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.00	0.018	1.04	1.33	0.024	/
Back Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.03	0.045	1.04	1.33	0.062	/
Left Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.00	0.051	1.04	1.33	0.071	/
Right Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.00	0.324	1.04	1.33	0.448	A.1-35
Top Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.00	0.010	1.04	1.33	0.014	/
Right Side	Full power	802.11a	20	97.20%	149	5745	11.89	13.50	0.10	0.300	1.03	1.45	0.447	/
Right Side	Full power	802.11a	20	97.22%	157	5785	12.24	13.50	0.02	0.309	1.03	1.34	0.425	/
Test Position	Power Reduction	Mode	BW(MHz)	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)				Figure No.
										Measured SAR10g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR10g	
Limb SAR (0mm)														
Front Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.00	0.000	1.04	1.33	0.000	/
Back Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.03	0.042	1.04	1.33	0.058	/
Left Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.00	0.011	1.04	1.33	0.016	/
Right Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.11	0.267	1.04	1.33	0.369	A.1-36
Top Side	Full power	802.11a	20	96.53%	165	5825	12.25	13.50	0.00	0.001	1.04	1.33	0.002	/
Right Side	Full power	802.11a	20	97.20%	149	5745	11.89	13.50	0.04	0.241	1.03	1.45	0.359	/
Right Side	Full power	802.11a	20	97.22%	157	5785	12.24	13.50	0.02	0.254	1.03	1.34	0.349	/

Table 14.1.2-19: SAR Values for BT

Test Position	Power Reduction	Mode	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 1gSAR 1.6 W/kg (mW/g)				Figure No.	
									Measured SAR1g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR1g		
Body SAR (Body-Worn&Hotspot 5mm)														
Front Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.00	0.000	1.30	1.31	0.000	/	
Back Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.04	0.007	1.30	1.31	0.011	/	
Left Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.00	0.000	1.30	1.31	0.000	/	
Right Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.02	0.023	1.30	1.31	0.039	/	
Top Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.00	0.000	1.30	1.31	0.000	/	
Right Side	Full power	DH5	76.80%	39	2441	8.45	10.00	0.03	0.033	1.30	1.43	0.062	/	
Right Side	Full power	DH5	76.80%	78	2480	8.57	10.00	0.02	0.034	1.30	1.39	0.061	A.1-37	
Test Position	Power Reduction	Mode	Duty Cycle	Channel	Frequency (MHz)	Measured power (dBm)	Tune-up (dBm)	Power Drift (dB)	Limit of 10gSAR 4.0 W/kg (mW/g)				Figure No.	
									Measured SAR10g	Duty Cycle Scaling Factor	Scaling Factor	Report SAR10g		
Limb SAR (0mm)														
Front Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.00	0.000	1.30	1.31	0.000	/	
Back Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.10	0.002	1.30	1.31	0.003	/	
Left Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.00	0.000	1.30	1.31	0.000	/	
Right Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.06	0.014	1.30	1.31	0.024	/	
Top Side	Full power	DH5	76.80%	0	2402	8.83	10.00	0.00	0.000	1.30	1.31	0.000	/	
Right Side	Full power	DH5	76.80%	39	2441	8.45	10.00	0.05	0.019	1.30	1.43	0.036	A.1-38	
Right Side	Full power	DH5	76.80%	78	2480	8.57	10.00	0.03	0.016	1.30	1.39	0.030	/	

14.2 Simultaneous SAR Evaluation

Table 14.2-1 Max. Reported SAR for WCDMA/LTE

Simultaneous Transmission Table	Test Position	Cellular													Max.Report SAR _{10g} WCDMA/LTE
		Report SAR _{10g} (W/kg)	WCDMA Band II	WCDMA Band IV	WCDMA Band V	LTE B7	LTE B12	LTE B13	LTE B14	LTE B25	LTE B26	LTE B30	LTE B41	LTE B66	
Body-Worn&Hotspot (5mm)	Front Side	0.492	0.340	0.307	1.366	0.518	0.342	0.287	0.526	0.317	0.420	0.968	0.331	0.546	1.366
	Back Side	0.092	0.095	0.193	0.228	0.154	0.224	0.251	0.115	0.218	0.148	0.156	0.099	0.208	0.251
	Left Side	0.129	0.170	0.073	0.221	0.092	0.087	0.080	0.137	0.124	0.212	0.100	0.178	0.073	0.221
	Right Side	0.943	0.893	0.971	0.994	0.803	0.940	0.804	0.779	0.788	0.871	0.797	0.834	0.762	0.994
	Top Side	0.189	0.376	0.063	0.222	0.098	0.161	0.154	0.425	0.097	0.187	0.170	0.664	0.183	0.664
Body SAR Define	Right Side(16mm)	0.263	0.311	0.234	0.885	/	/	/	0.572	0.537	0.775	0.444	0.583	0.737	0.885
Simultaneous Transmission Table	Test Position	Cellular													Max.Report SAR _{10g} WCDMA/LTE
		Report SAR _{10g} (W/kg)	WCDMA Band II	WCDMA Band IV	WCDMA Band V	LTE B7	LTE B12	LTE B13	LTE B14	LTE B25	LTE B26	LTE B30	LTE B41	LTE B66	
Limb SAR(0mm)	Front Side	0.574	0.426	0.354	1.285	0.541	0.433	0.357	0.664	0.402	0.500	0.654	0.415	0.544	1.285
	Back Side	0.077	0.082	0.177	0.159	0.117	0.197	0.161	0.082	0.185	0.099	0.085	0.075	0.183	0.197
	Left Side	0.136	0.157	0.057	0.091	0.132	0.061	0.072	0.150	0.083	0.170	0.106	0.141	0.118	0.170
	Right Side	1.125	0.959	1.209	1.048	0.348	1.009	0.909	1.088	1.026	0.824	0.830	1.140	0.452	1.209
	Top Side	0.347	0.612	0.104	0.177	0.144	0.181	0.139	0.381	0.116	0.180	0.127	0.543	0.175	0.612

Table 14.2-2 Max. Reported SAR for Wi-Fi&BT

Simultaneous Transmission Table	Test Position	Non-Cellular						Max.Report SAR _{10g} Wi-Fi 5G
		Report SAR _{10g} (W/kg)	Max.Report SAR _{10g} BT	Max.Report SAR _{10g} Wi-Fi 2.4G	Wi-Fi 5G			
Body-Worn&Hotspot (5mm)	Front Side	0.000	0.034	0.015	0.000	0.040	0.024	0.040
	Back Side	0.011	0.132	0.078	0.062	0.051	0.062	0.078
	Left Side	0.000	0.021	0.041	0.051	0.045	0.071	0.071
	Right Side	0.062	0.556	0.300	0.417	0.382	0.448	0.448
	Top Side	0.000	0.011	0.004	0.006	0.000	0.014	0.014
Body SAR Define	Right Side(16mm)	0.062	0.124	0.300	0.417	0.382	0.448	0.448
Simultaneous Transmission Table	Test Position	Non-Cellular						Max.Report SAR _{10g} Wi-Fi 5G
		Report SAR _{10g} (W/kg)	Max.Report SAR _{10g} BT	Max.Report SAR _{10g} Wi-Fi 2.4G	Wi-Fi 5G			
Limb SAR(0mm)	Front Side	0.000	0.039	0.000	0.016	0.019	0.000	0.019
	Back Side	0.003	0.088	0.035	0.030	0.038	0.058	0.058
	Left Side	0.000	0.010	0.021	0.024	0.024	0.016	0.024
	Right Side	0.036	0.380	0.216	0.277	0.289	0.369	0.369
	Top Side	0.000	0.005	0.003	0.002	0.004	0.002	0.004

Table 14.2-3 Simultaneous transmission SAR

Simultaneous Transmission Table	Test Position	Report SAR _{10g} (W/kg)	Max.Report SAR _{10g} WCDMA/LTE	Non-Cellular			WWAN+BT	WWAN+Wi-Fi 2.4G	WWAN+Wi-Fi 5G	MAX.ΣSAR _{10g}
				Max.Report SAR _{10g} BT	Max.Report SAR _{10g} Wi-Fi 2.4G	Max.Report SAR _{10g} Wi-Fi 5G				
Body-Worn&Hotspot (5mm)	Front Side	0.492	1.366	0.000	0.034	0.040	1.366	1.399	1.406	1.406
	Back Side	0.092	0.251	0.011	0.132	0.078	0.263	0.383	0.329	0.383
	Left Side	0.129	0.221	0.000	0.021	0.071	0.221	0.242	0.292	0.292
	Right Side	0.943	0.994	0.062	0.556	0.448	1.056	1.550	1.442	1.550
	Top Side	0.189	0.664	0.000	0.011	0.014	0.664	0.675	0.678	0.678
Body SAR Define	Right Side(16mm)	0.885	0.885	0.062	0.124	0.448	0.947	1.009	1.333	1.333
Simultaneous Transmission Table	Test Position	Report SAR _{10g} (W/kg)	Max.Report SAR _{10g} WCDMA/LTE	Non-Cellular			WWAN+BT	WWAN+Wi-Fi 2.4G	WWAN+Wi-Fi 5G	MAX.ΣSAR _{10g}
				Max.Report SAR _{10g} BT	Max.Report SAR _{10g} Wi-Fi 2.4G	Max.Report SAR _{10g} Wi-Fi 5G				
Limb SAR(0mm)	Front Side	0.574	1.285	0.000	0.039	0.019	1.285	1.325	1.305	1.325
	Back Side	0.077	0.197	0.003	0.088	0.058	0.200	0.285	0.255	0.285
	Left Side	0.136	0.170	0.000	0.010	0.024	0.170	0.180	0.194	0.194
	Right Side	1.125	1.209	0.036	0.380	0.369	1.245	1.589	1.578	1.589
	Top Side	0.347	0.612	0.000	0.005	0.004	0.612	0.618	0.616	0.618

According to the conducted power measurement result, we can draw the conclusion that: stand-alone SAR for Wi-Fi should be performed. Then, simultaneous transmission SAR for Wi-Fi/BT is considered with measurement results of GSM/WCDMA/LTE/CDMA and Wi-Fi/BT.

According to the above table, the sum of reported SAR values for partial-body WCDMA/LTE and Wi-Fi/BT < 1.6W/kg; the sum of reported SAR values for Limb WCDMA/LTE and Wi-Fi/BT < 4.0W/kg.

14.3 SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required.

- (a) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps(b) through (d) do not apply.
- (b) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- (c) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- (d) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

Table 14.3-1: SAR Measurement Variability (1g)

Frequency		Configuration	Test Position	Original SAR (W/kg)	First Repeated SAR (W/kg)	The Ratio
MHz	Ch.					
846.6	4233	RMC 12.2k	Right Side 5mm	0.819	0.811	1.010
2560	21350	20MHz 1RB 50 offset	Front Side 5mm	1.090	1.070	1.019

Note: According to the KDB 865664 D01 repeated measurement is not required when the original highest measured SAR is < 0.8 W/kg.

15 SAR Reduction Function Validation Procedure

15.1 Reference Document (Power Reduction for Proximity Sensor)

A proximity sensor for power reduction is implemented in this device to address RF exposure compliance when the cellular antenna is positioned close to the user's body. The sensor's mechanical structure is designed to fit within the enclosure design used in this device and also extended around the edge and top of the antenna element in order to optimize sensitivity in these orientations.

15.2 Procedures for Determining Proximity Sensor Triggering Distances

The following procedures should be applied to determine proximity sensor triggering distances for the back surface and individual edges of a tablet. Conducted power is monitored qualitatively to identify the general triggering characteristics and recorded quantitatively, versus spacing, as required by the procedures. Unless there is built-in test software that reports the triggering conditions and enables the power levels to be confirmed separately, monitoring of conducted power during the triggering tests typically requires internal access to the antenna ports inside the tablet, which may interfere with the triggering tests.

- (a) The relevant transmitter should be set to operate at its normal maximum output power.
- (b) The entire back surface or edge of the tablet is positioned below a flat phantom filled with the required tissue-equivalent medium, and positioned at least 20 mm further than the distance that triggers power reduction.
- (c) It should be ensured that the cables required for power measurements are not interfering with the proximity sensor. Cable losses should be properly compensated to report the measured power results.
- (d) The back surface or edge is moved toward the phantom in 3 mm steps until the sensor triggers.
- (e) The back surface or edge is then moved back (further away) from the phantom by at least 5 mm or until maximum output power is returned to the normal maximum level.
- (f) If the tablet is not touching the phantom, it is moved in 3 mm steps until it touches the phantom to confirm that the sensor remains triggered and the maximum power stays reduced.
- (g) The process is then reversed by moving the tablet away from the phantom according to steps 4) to 7), to determine triggering release, until it is at least 10 mm beyond the point that triggers the return of normal maximum power.
- (h) The measured output power within ± 5 mm of the triggering points, or until the tablet is touching the phantom, for movements to and from the phantom should be tabulated in the SAR report.
- (i) (9) If the sensor design and implementation allow additional variations for triggering distance tolerances, multiple samples should be tested to determine the most conservative distance required for SAR evaluation.

To ensure all production units are compliant, it is generally necessary to reduce the triggering distance determined from the triggering tests by 1 mm, or more if it is necessary, and use the smallest distance for movements to and from the phantom, minus 1 mm, as the sensor triggering distance for determining the SAR measurement distance.

15.3 Procedures for Determining Antenna and Proximity Sensor Coverage

The sensing regions are usually limited to areas near the sensor element. If a sensor is spatially offset

from the antenna(s), it is necessary to verify sensor triggering for conditions where the antenna is next to the user but the sensor is laterally further away to ensure sensor coverage is sufficient for reducing the power to maintain compliance. The following are used to determine if additional SAR measurements may be necessary due to sensor and antenna offset. 25 These procedures do not apply and are not required for configurations where the antenna and sensor are collocated and the peak SAR location is overlapping with the sensor.

- (a) The back surface or edge of the tablet is positioned at a test separation distance less than or equal to the distance required for back surface or edge triggering, with both the antenna and sensor pad located at least 20 mm laterally outside the edge (boundary) of the phantom, along the direction of maximum antenna and sensor offset. For the back surface, if the direction of maximum offset is not aligned with the tablet coordinates (physical edges) the tablet test position would not be aligned with the phantom coordinates (orientations). Each applicable tablet edge should be positioned perpendicularly to the phantom to determine sensor coverage. For antennas and/or sensors located near the corner of a tablet, both adjacent edges must be considered.
- (b) The similar sequence of steps applied to determine sensor triggering distance are used to verify back surface and edge sensor coverage by moving the tablet (sensor and antenna) horizontally toward the phantom while maintaining the same vertical separation between the back surface or edge and the phantom.
- (c) After the exact location where triggering of power reduction is determined, with respect to the sensor and antenna, the tablet movement should be continued, in 3 mm increments, until both the sensor and antenna(s) are fully under the phantom and at least 20 mm inside the phantom edge.
- (d) The process is then repeated from the opposite direction, starting at the other end of the maximum antenna and sensor offset, by rotating the tablet 180° along the vertical axis.
- (e) The triggering points should be documented graphically, with the antenna and sensor clearly identified, along with all relevant dimensions.

If the subsequently measured peak SAR location for the antenna is not between the triggering points, established by the sensor coverage tests from opposite ends of the antenna and sensor, additional SAR tests may be required for conditions where only part of the back surface or edge of a tablet corresponding to the antenna is in proximity to the user and the sensor may not be triggering as desired. A KDB inquiry must be submitted by the test lab to determine if additional tests are required and the proper test configurations to use for testing. This may include situations where the sensor coverage region is too small for the antenna, the sensor is located too far away from the antenna, the sensor location is insufficient to cover multiple antennas or the antenna is at the corner of a tablet etc.

15.4 Proximity Sensor Status Table of Trigger Distance

Proximity Sensor Status Table when DUT is moving towards the phantom

The following tables summarize the key power reduction information for proximity sensor. The test procedures be applied to determine proximity sensor triggering distances, and sensor coverage for normal and tilt positions.

To ensure all production units are compliant, the smallest separation distance determined by the sensor triggering and sensor coverage for normal and tilt positions for all usage conditions and applicable sides, minus 1 mm, must be used as the test separation distance for additional SAR testing of each higher power stage.

Table 15.4-1 Power reduction for proximity sensor

Main Antenna			
Band	Test position	Sensor Trigger Distance range (DUT to Phantom)	Power reduction amount(dB)
WCDMA Band II RMC	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	3.0
		distance>17mm	0.0
	Top side	N/A	0.0
	Bottom side	N/A	0.0
WCDMA Band IV RMC	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	2.5
		distance>17mm	0.0
	Top side	N/A	0.0
	Bottom side	N/A	0.0
WCDMA Band V RMC	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	3.0
		distance>17mm	0.0
	Top side	N/A	0.0
	Bottom side	N/A	0.0
LTE B2 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	4.0
		distance>17mm	0.0
	Top side	N/A	0.0
	Bottom side	N/A	0.0

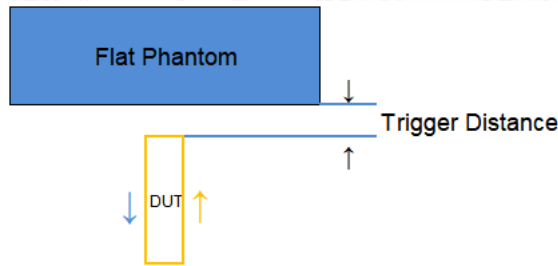
LTE B4 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	3.5
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B5 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	3.5
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B7 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	7.0
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B25 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	4.0
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B26 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	3.5
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B30 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	6.0
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	

LTE B38 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	6.0
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B41 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	6.0
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B66 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	3.5
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	
LTE B71 QPSK	Front side	N/A	0.0
	Back side	N/A	0.0
	Left side	N/A	0.0
	Right side	0mm≤distance≤17mm	2.0
		distance>17mm	0.0
	Top side	N/A	0.0
Bottom side	N/A	0.0	

Procedures for determining proximity sensor triggering distances

The device was tested by the test lab to determine the proximity sensor triggering distances for the right side of the device. To ensure all production units are compliant, the smallest separation distance determined by the sensor triggering minus 1 mm, must be used as the test separation distance for SAR testing.

The Proximity sensor triggering distance measurement method are as below:



Figuer 15.4-1 Proximity sensor triggering distances assessment(Right side)

The following table is the summary of the trigger distance.

Table 15.4-2 Trigger distance

Band	Trigger distance- Right side	
	Moving toward Phantom	Moving away from Phantom
WCDMA Band II	17mm	17mm
WCDMA Band IV	17mm	17mm
WCDMA Band V	17mm	17mm
LTE Band 2	17mm	17mm
LTE Band 4	17mm	17mm
LTE Band 5	17mm	17mm
LTE Band 7	17mm	17mm
LTE Band 25	17mm	17mm
LTE Band 26	17mm	17mm
LTE Band 30	17mm	17mm
LTE Band 38	17mm	17mm
LTE Band 41	17mm	17mm
LTE Band 66	17mm	17mm
LTE Band 71	17mm	17mm

15.5 Tilt Angle Influences to Proximity Sensor Triggering

The following procedure is used to determine the tilt angle influences to proximity sensor triggering.

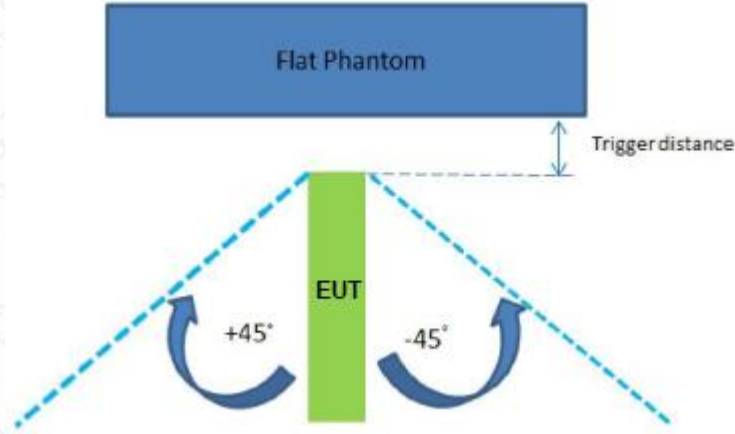


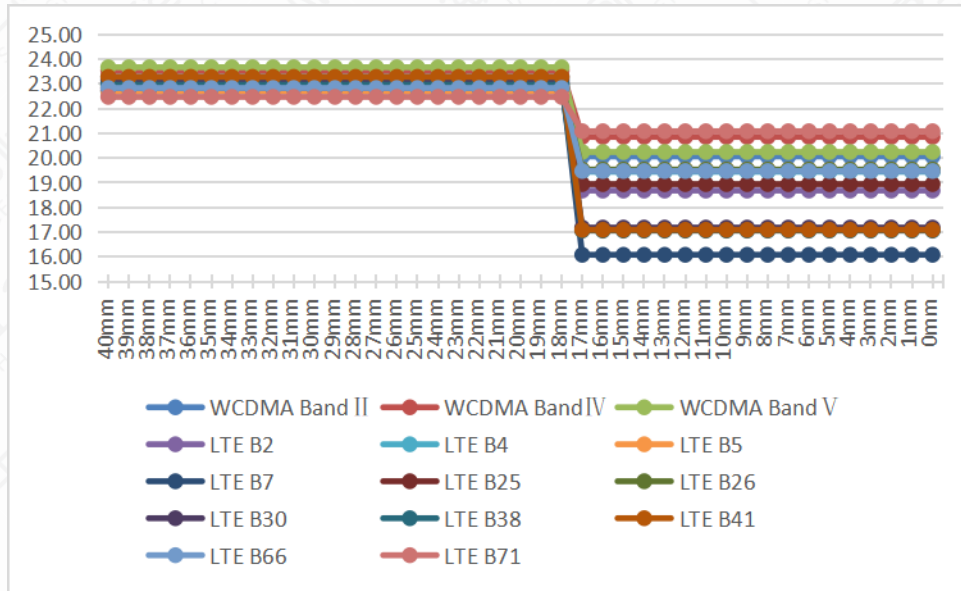
Table 15.5-1 Summary of tilt angle

Test position	Minimum trigger distance at which power reduction was maintained over $\pm 45^\circ$	Power Reduction Status										
		-45°	-35°	-25°	-15°	-5°	0°	5°	15°	25°	35°	45°
Right side	17mm	on	on	on	on	on	on	on	on	on	on	on

15.6 Power Reduction per Air-interface

The following graphs show the detailed conducted power and the distance from the DUT to the flat phantom for the Right side.

Right Side:



15.7 Proximity Sensor Coverage Area

Proximity Sensor Coverage Area of not request when the antenna and sensor are collocated and the peak SAR location is overlapping with the sensor.

Annex A: Measurement Data

A.1 SAR Graph Results

WCDMA Band II Right Side Mode High 5mm

Date/Time: 2024/7/25

Electronics: DAE4 Sn1581

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.909$; $\rho = 1000$ kg/m³

Ambient Temperature: 21.5°C Liquid Temperature: 20.4°C

Communication System: WCDMA 1750MHz; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1907.6 MHz

WCDMA Band II Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.06 W/kg

WCDMA Band II Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.761 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.397 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 1.25 W/kg

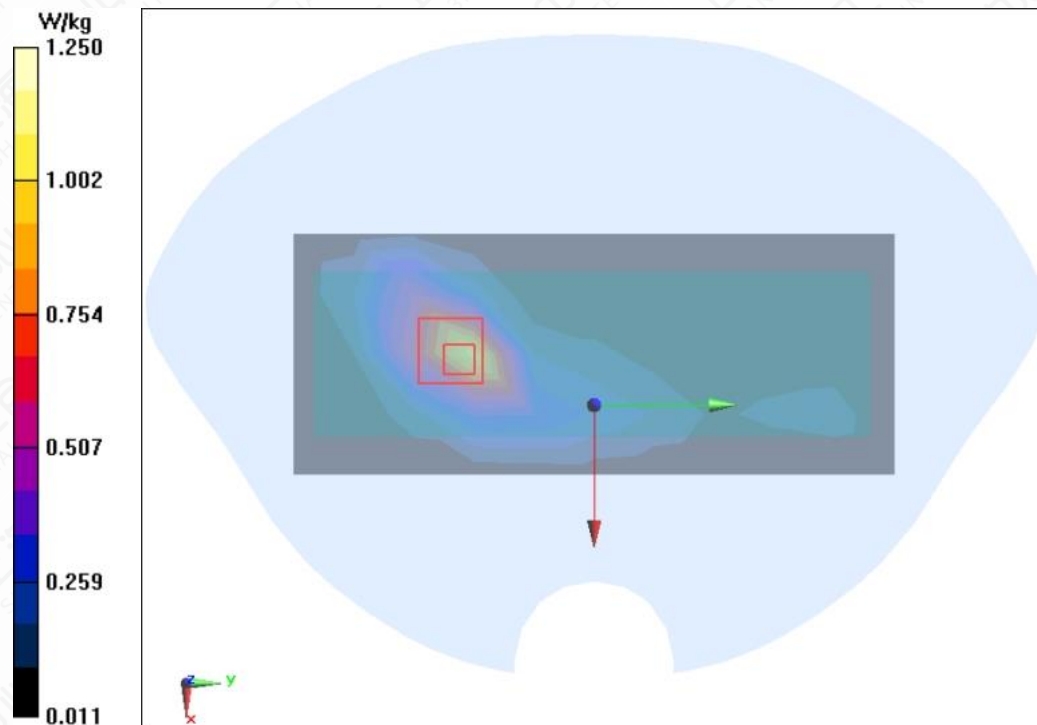


Figure A.1-1 WCDMA Band II Right Side Mode High 5mm

WCDMA Band II Right Side Mode High 0mm

Date/Time: 2024/7/25

Electronics: DAE4 Sn1581

 Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 39.909$; $\rho = 1000$ kg/m³

Ambient Temperature: 21.5°C Liquid Temperature: 20.4°C

Communication System: WCDMA 1750MHz; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1907.6 MHz

WCDMA Band II Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.52 W/kg

WCDMA Band II Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.365 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.89 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 0.912 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.2%

Maximum of SAR (measured) = 3.93 W/kg

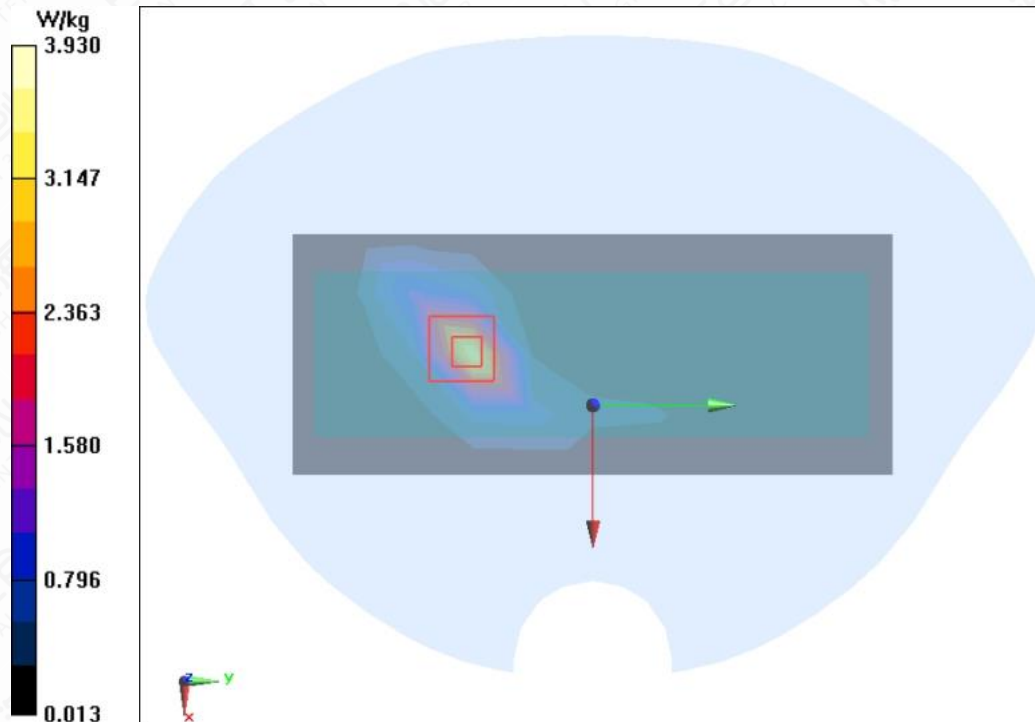


Figure A.1-2 WCDMA Band II Right Side Mode High 0mm

WCDMA BandIV Right Side Mode Low 5mm

Date/Time: 2024/7/24

Electronics: DAE4 Sn1581

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.292$ S/m; $\epsilon_r = 40.161$; $\rho = 1000$ kg/m³

Ambient Temperature: 21.3°C Liquid Temperature: 20.3°C

Communication System: WCDMA 1750MHz; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1712.4 MHz

WCDMA BandIV Right Side Mode Low 5mm/Area Scan (5x11x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.907 W/kg

WCDMA BandIV Right Side Mode Low 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.018 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.472 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 48.4%

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

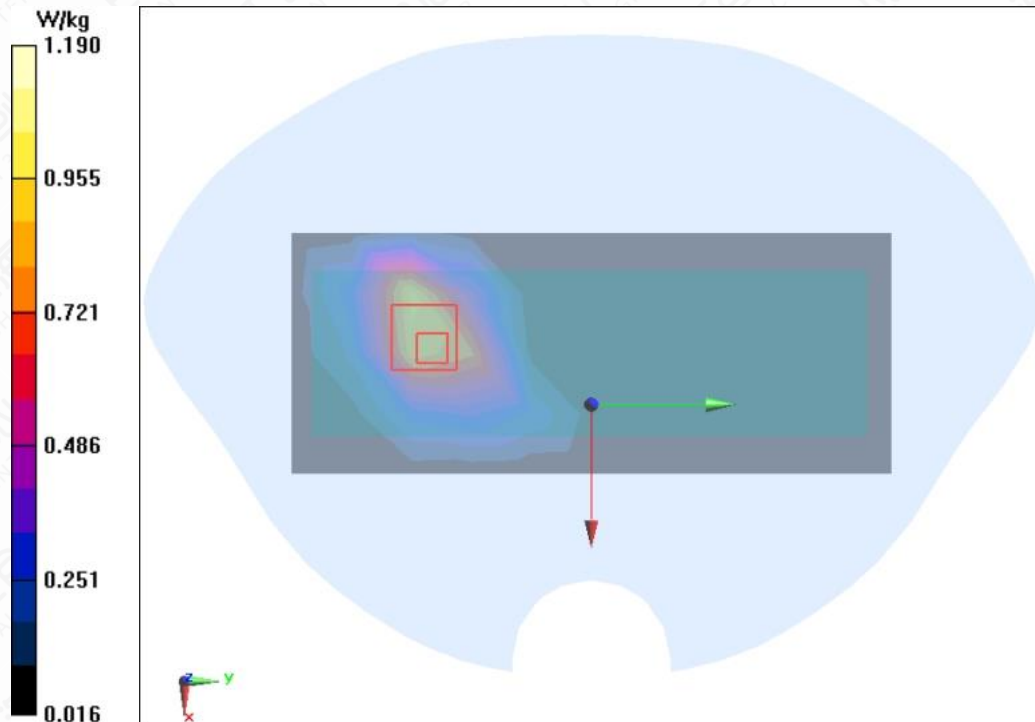


Figure A.1-3 WCDMA BandIV Right Side Mode Low 5mm

WCDMA BandIV Right Side Mode High 0mm

Date/Time: 2024/7/24

Electronics: DAE4 Sn1581

 Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 40.086$; $\rho = 1000$ kg/m³

Ambient Temperature: 21.3°C Liquid Temperature: 20.3°C

Communication System: WCDMA 1750MHz; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1752.6 MHz

WCDMA BandIV Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.36 W/kg

WCDMA BandIV Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.089 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.826 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

Maximum value of SAR (measured) = 3.00 W/kg

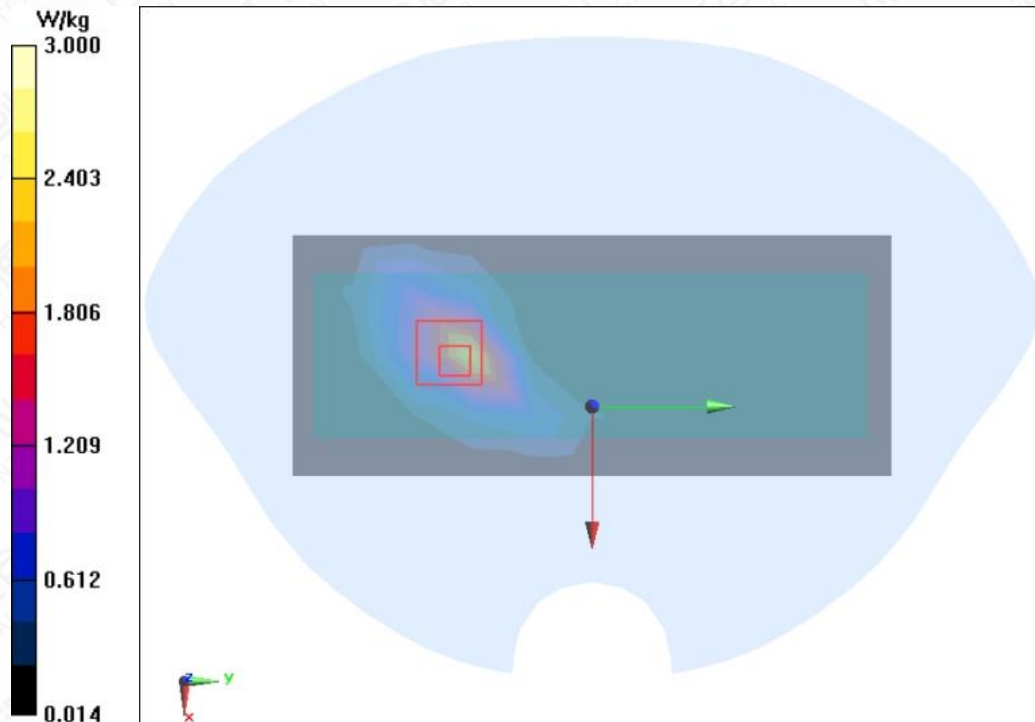


Figure A.1-4 WCDMA BandIV Right Side Mode High 0mm

WCDMA Band V Right Side Mode High 5mm

Date/Time: 2024/7/29

Electronics: DAE4 Sn1581

Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.4°C Liquid Temperature: 20.3°C

Communication System: WCDMA Band V ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 846.6 MHz

WCDMA Band V Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

WCDMA Band V Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.78 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.819 W/kg ; SAR(10 g) = 0.445 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 1.27 W/kg

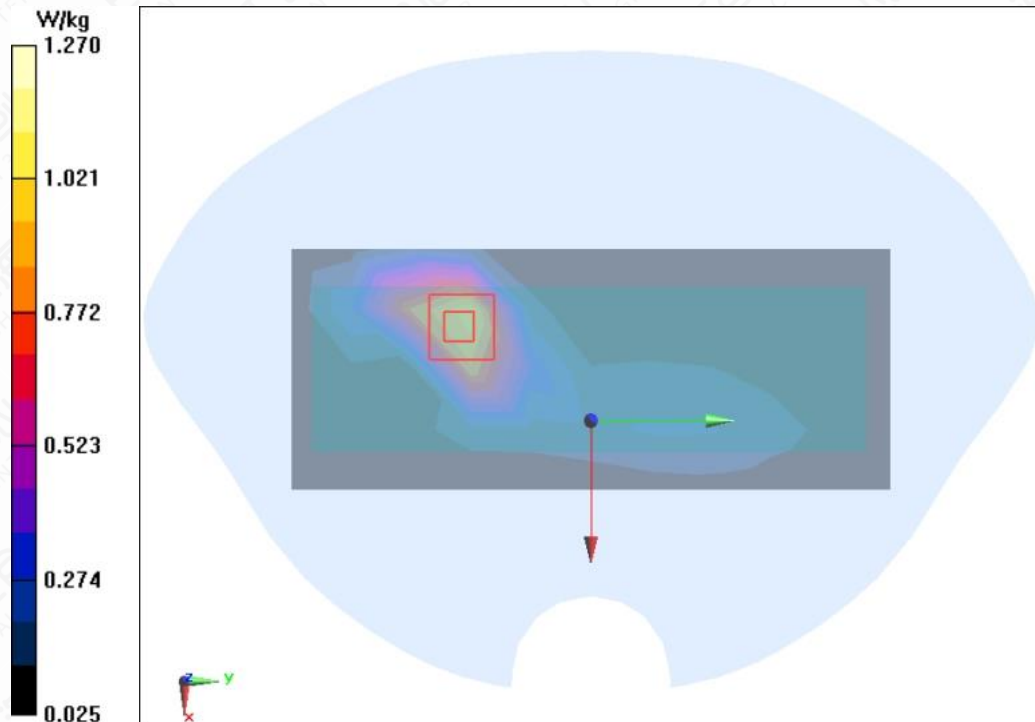


Figure A.1-5 WCDMA Band V Right Side Mode High 5mm

WCDMA Band V Right Side Mode High 0mm

Date/Time: 2024/7/29

Electronics: DAE4 Sn1581

 Medium parameters used (interpolated): $f = 846.6 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.4°C Liquid Temperature: 20.3°C

 Communication System: WCDMA Band V ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

 Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 846.6 MHz
WCDMA Band V Right Side Mode High 0mm/Area Scan (5x11x1):

 Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

 Maximum value of SAR (measured) = 2.26 W/kg
WCDMA Band V Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

 Reference Value = 8.150 V/m ; Power Drift = -0.02 dB

 Peak SAR (extrapolated) = 4.41 W/kg
 $\text{SAR}(1 \text{ g}) = 2.01 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 1.02 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 6.4 mm

 Ratio of SAR at M2 to SAR at M1 = 45.7%

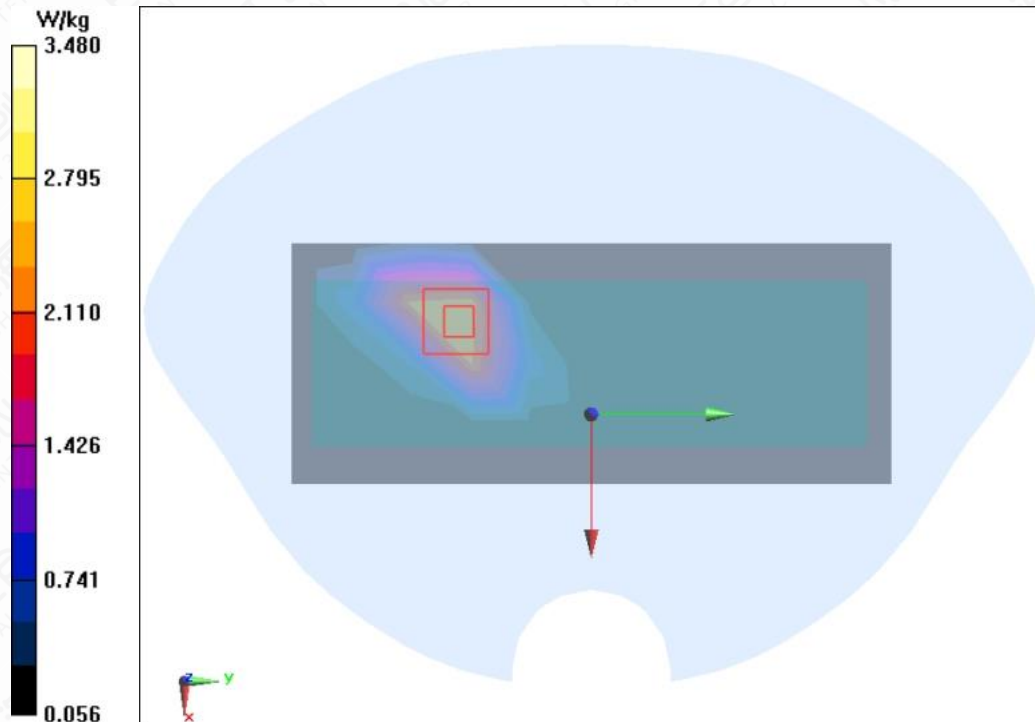
 Maximum of SAR (measured) = 3.48 W/kg


Figure A.1-6 WCDMA Band V Right Side Mode High 0mm

LTE B7 20MHz 1RB 50offset Front Side Mode High 5mm

Date/Time: 2024/7/15

Electronics: DAE4 Sn1581

Medium parameters used: $f = 2560 \text{ MHz}$; $\sigma = 1.915 \text{ S/m}$; $\epsilon_r = 37.879$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.3°C Liquid Temperature: 20.2°C

Communication System: LTE B7 2450MHz; Frequency: 2560 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2560 MHz

LTE B7 20MHz 1RB 50offset Front Side Mode High 5mm/Area Scan (7x11x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.40 W/kg

LTE B7 20MHz 1RB 50offset Front Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.309 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.547 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 1.71 W/kg

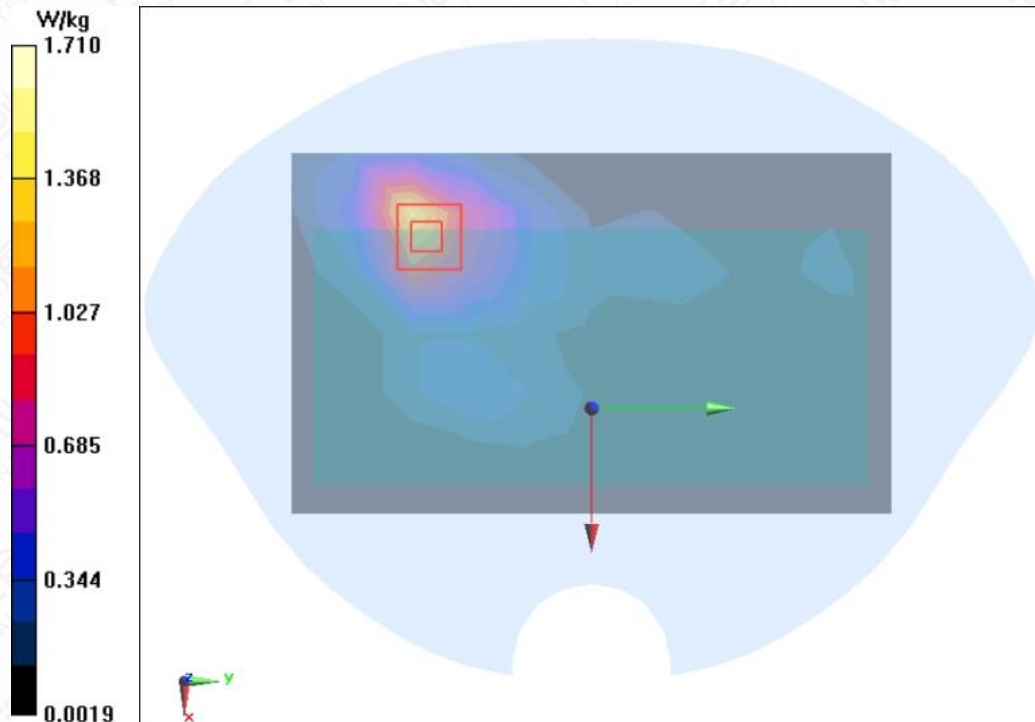


Figure A.1-7 LTE B7 20MHz 1RB 50offset Front Side Mode High 5mm

LTE B7 20MHz 1RB 50offset Front Side Mode Low 0mm

Date/Time: 2024/7/15

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.875 \text{ S/m}$; $\epsilon_r = 37.968$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.3°C Liquid Temperature: 20.2°C

Communication System: LTE B7 2450MHz; Frequency: 2510 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2510 MHz

LTE B7 20MHz 1RB 50offset Front Side Mode Low 0mm/Area Scan (7x11x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 3.05 W/kg
LTE B7 20MHz 1RB 50offset Front Side Mode Low 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 0 V/m ; Power Drift = 0.10 dB

 Peak SAR (extrapolated) = 5.05 W/kg
 $\text{SAR}(1 \text{ g}) = 2.35 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 1.04 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 9.1 mm

 Ratio of SAR at M2 to SAR at M1 = 46.7%

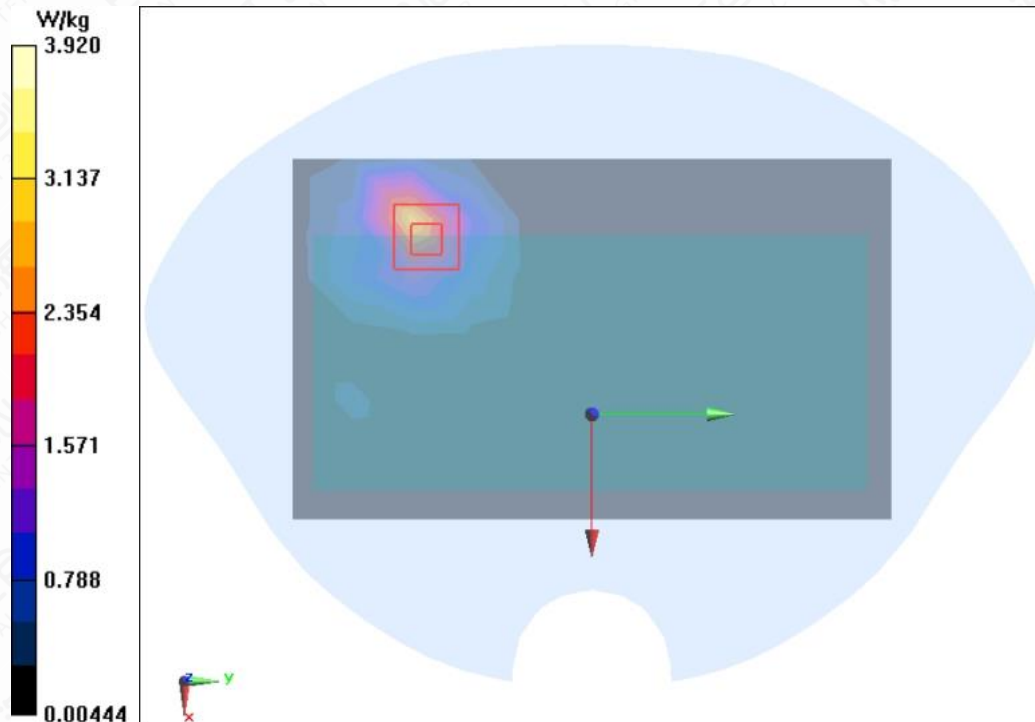
 Maximum value of SAR (measured) = 3.92 W/kg


Figure A.1-8 LTE B7 20MHz 1RB 50offset Front Side Mode Low 0mm

LTE B12 10MHz 1RB 25offset Right Side Mode Middle 5mm

Date/Time: 2024/7/16

Electronics: DAE4 Sn1581

Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.874 \text{ S/m}$; $\epsilon_r = 42.316$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.7°C

Communication System: LTE B12 900MHz; Frequency: 707.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 707.5 MHz

LTE B12 10MHz 1RB 25offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

LTE B12 10MHz 1RB 25offset Right Side Mode Middle 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.287 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.335 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

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

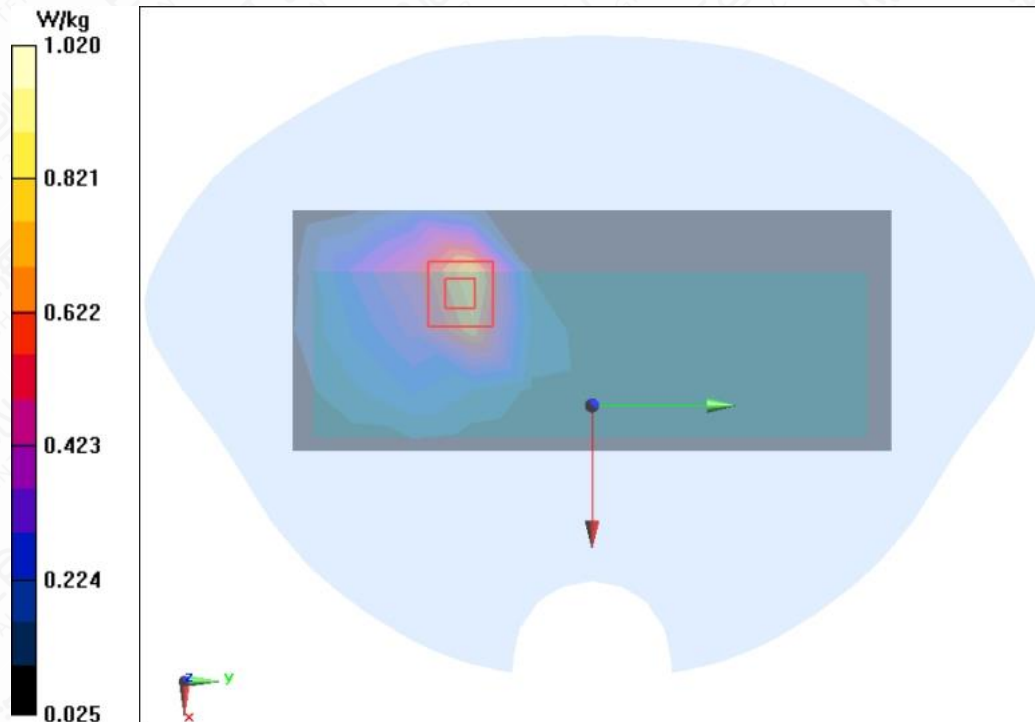


Figure A.1-9 LTE B12 10MHz 1RB 25offset Right Side Mode Middle 5mm

LTE B12 10MHz 1RB 25offset Front Side Mode Low 0mm

Date/Time: 2024/7/16

Electronics: DAE4 Sn1581

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.873 \text{ S/m}$; $\epsilon_r = 42.329$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.7°C

Communication System: LTE B12 900MHz; Frequency: 704 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 704 MHz

LTE B12 10MHz 1RB 25offset Front Side Mode Low 0mm/Area Scan (7x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

LTE B12 10MHz 1RB 25offset Front Side Mode Low 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.217 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.418 W/kg

Smallest distance from peaks to all points 3 dB below = 14.8 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 1.14 W/kg

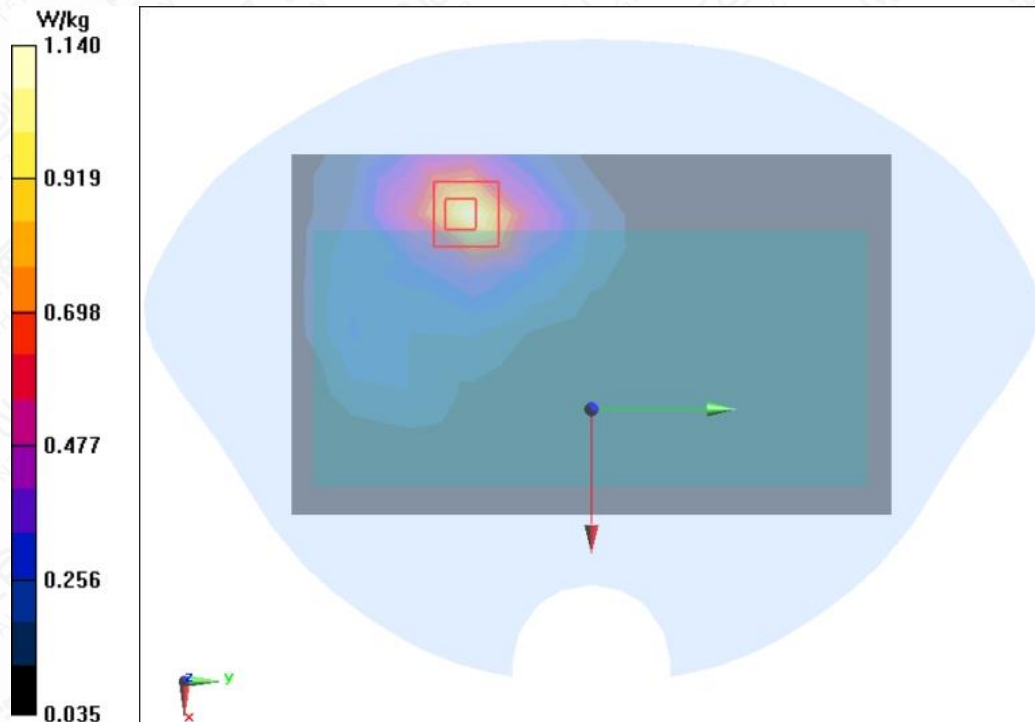


Figure A.1-10 LTE B12 10MHz 1RB 25offset Front Side Mode Low 0mm

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm

Date/Time: 2024/7/16

Electronics: DAE4 Sn1581

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.057$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.7°C

Communication System: LTE B13 900MHz; Frequency: 782 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 782 MHz

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.904 W/kg

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.53 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.716 W/kg ; SAR(10 g) = 0.395 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 55%

Maximum value of SAR (measured) = 1.08 W/kg

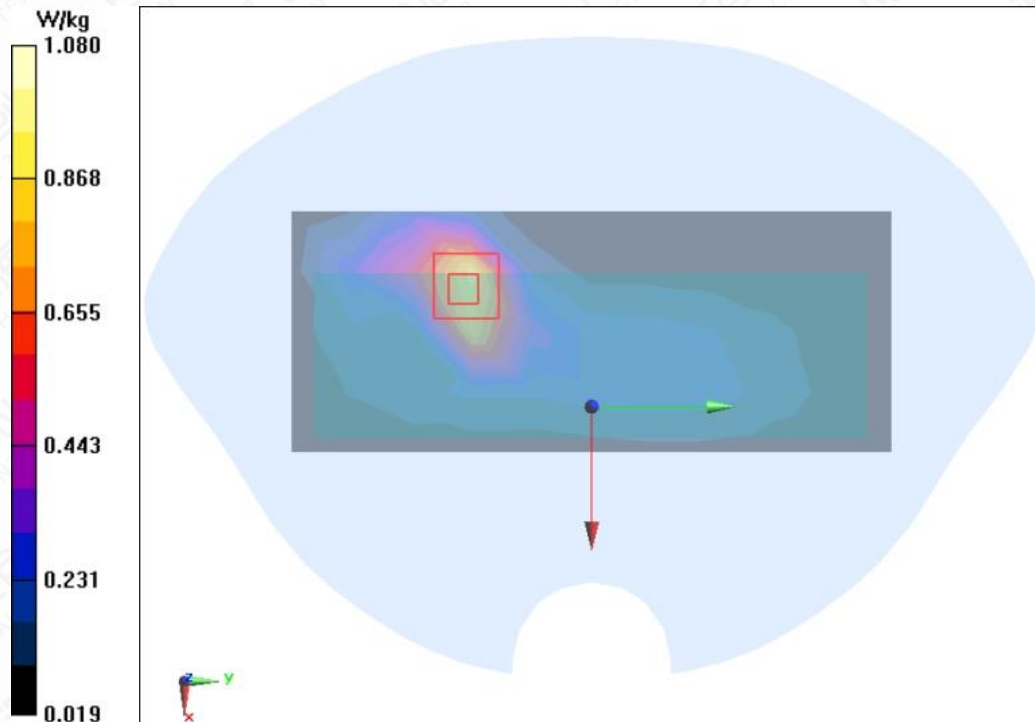


Figure A.1-11 LTE B13 10MHz 1RB 25offset Right Side Mode Middle 5mm

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 0mm

Date/Time: 2024/7/16

Electronics: DAE4 Sn1581

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.057$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.7°C

Communication System: LTE B13 900MHz; Frequency: 782 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 782 MHz

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.08 W/kg

LTE B13 10MHz 1RB 25offset Right Side Mode Middle 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.77 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 1.46 W/kg; SAR(10 g) = 0.769 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum of SAR (measured) = 2.30 W/kg

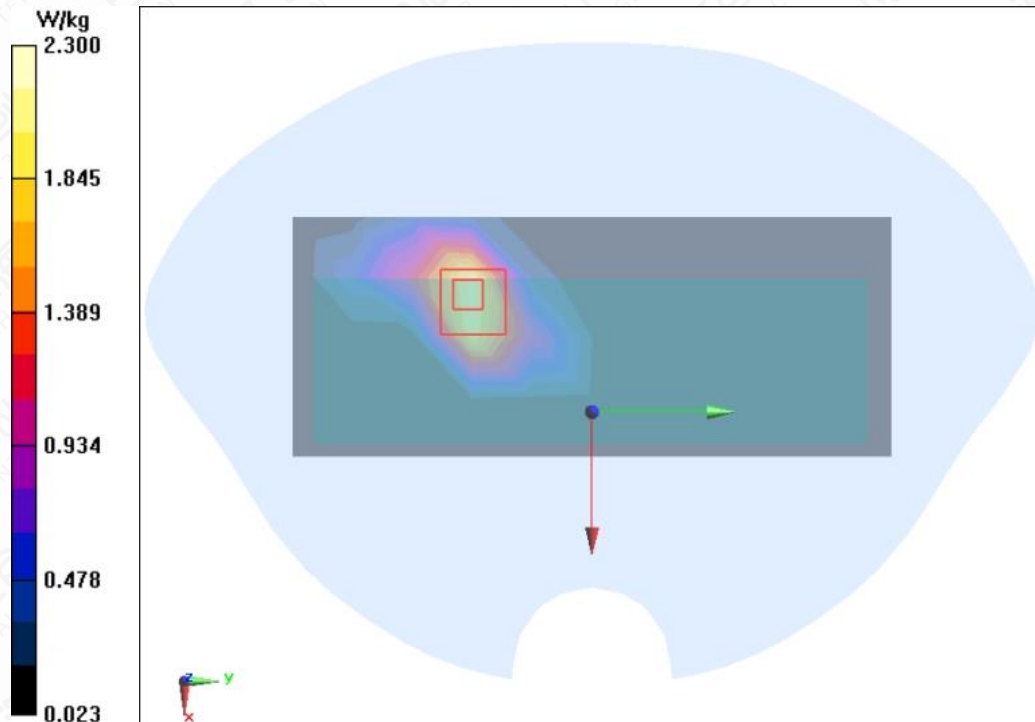


Figure A.1-12 LTE B13 10MHz 1RB 25offset Right Side Mode Middle 0mm

LTE B14 10MHz 1RB 25offset Right Side Mode Middle 5mm

Date/Time: 2024/7/16

Electronics: DAE4 Sn1581

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.016$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.7°C

Communication System: LTE B14 900MHz; Frequency: 793 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 793 MHz

LTE B14 10MHz 1RB 25offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.825 W/kg

LTE B14 10MHz 1RB 25offset Right Side Mode Middle 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.32 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.614 W/kg ; SAR(10 g) = 0.340 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.8%

Maximum value of SAR (measured) = 0.938 W/kg

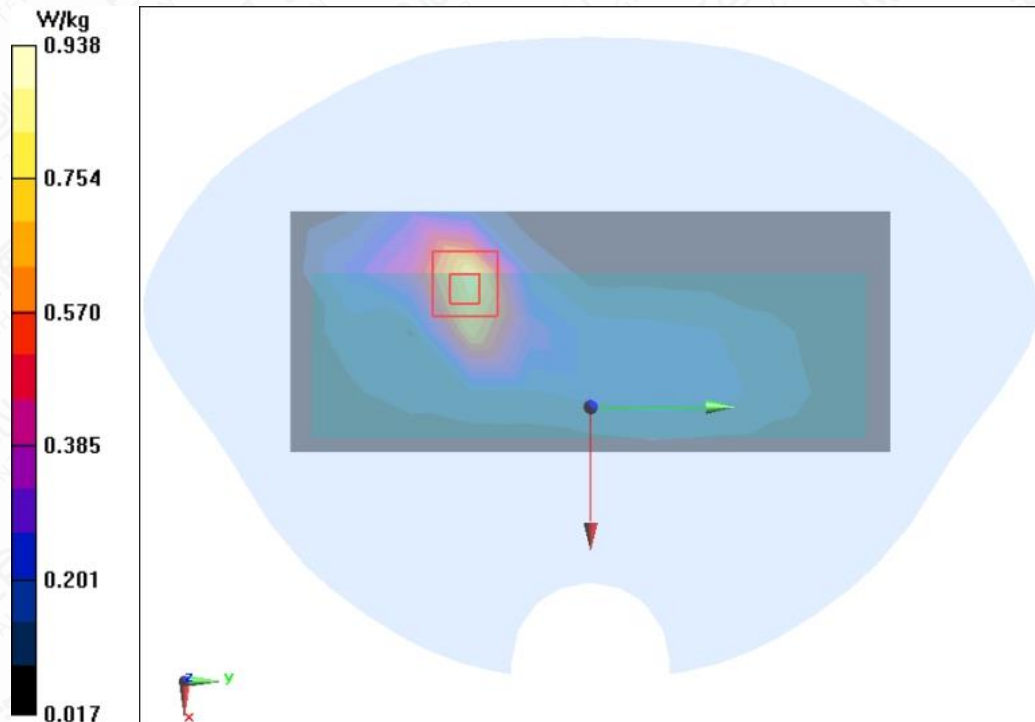


Figure A.1-13 LTE B14 10MHz 1RB 25offset Right Side Mode Middle 5mm

LTE B14 10MHz 1RB 25offset Right Side Mode Middle 0mm

Date/Time: 2024/7/16

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.016$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.8°C Liquid Temperature: 20.7°C

Communication System: LTE B14 900MHz; Frequency: 793 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 793 MHz

LTE B14 10MHz 1RB 25offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

 Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.84 W/kg

LTE B14 10MHz 1RB 25offset Right Side Mode Middle 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.03 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.694 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum of SAR (measured) = 2.09 W/kg

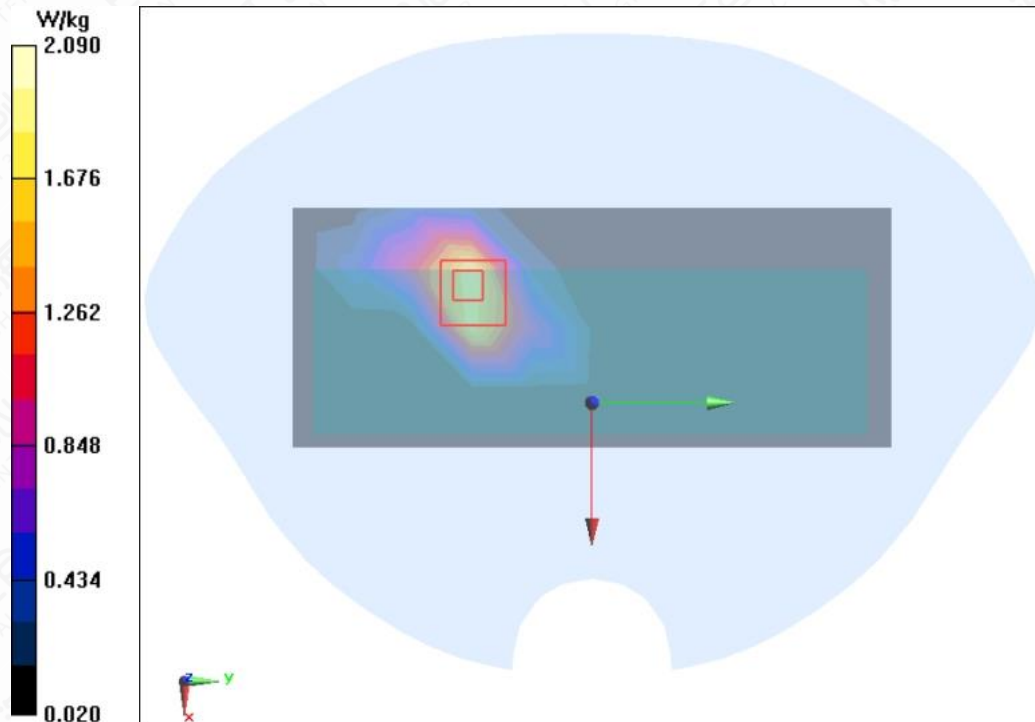


Figure A.1-14 LTE B14 10MHz 1RB 25offset Right Side Mode Middle 0mm

LTE B25 20MHz 50RB 0offset Right Side Mode High 5mm

Date/Time: 2024/8/13

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 1905 \text{ MHz}$; $\sigma = 1.426 \text{ S/m}$; $\epsilon_r = 39.893$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.7°C Liquid Temperature: 20.6°C

Communication System: LTE B25 1750MHz; Frequency: 1905 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1905 MHz

LTE B25 20MHz 50RB 0offset Right Side Mode High 5mm/Area Scan (5x6x1):

 Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

 Maximum value of SAR (measured) = 0.840 W/kg
LTE B25 20MHz 50RB 0offset Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

 Reference Value = 8.648 V/m ; Power Drift = -0.09 dB

 Peak SAR (extrapolated) = 1.22 W/kg
 $\text{SAR}(1 \text{ g}) = 0.610 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.326 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 51%

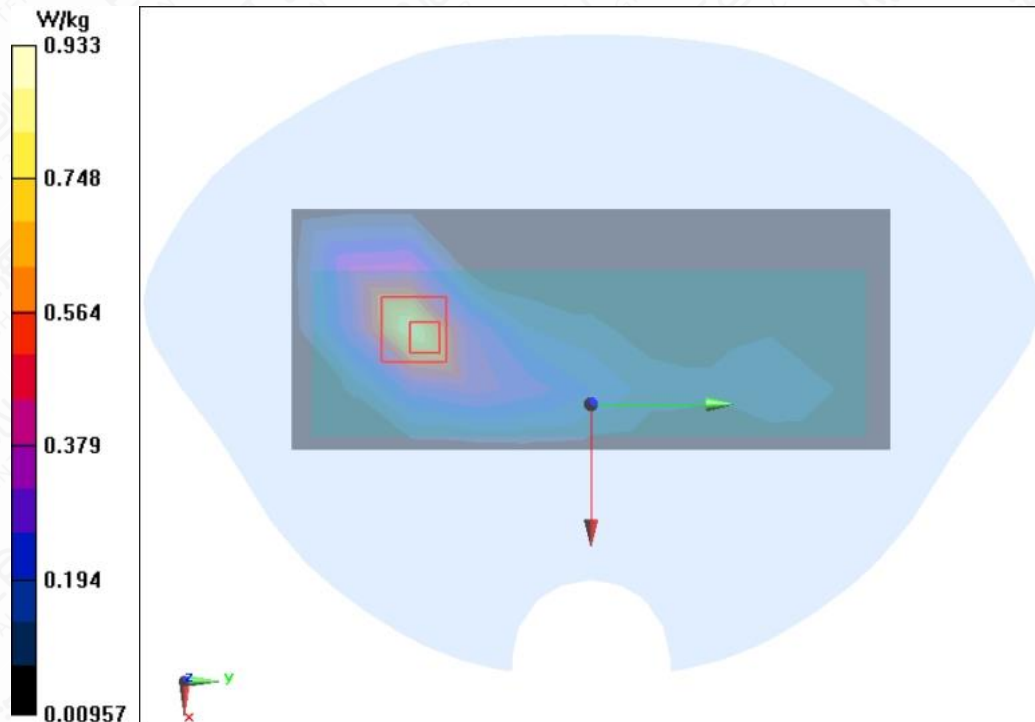
 Maximum value of SAR (measured) = 0.933 W/kg


Figure A.1-15 LTE B25 20MHz 50RB 0offset Right Side Mode High 5mm

LTE B25 20MHz 50RB 0offset Right Side Mode High 0mm

Date/Time: 2024/8/13

Electronics: DAE4 Sn1581

Medium parameters used: $f = 1905 \text{ MHz}$; $\sigma = 1.426 \text{ S/m}$; $\epsilon_r = 39.893$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.6°C

Communication System: LTE B25 1750MHz; Frequency: 1905 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1905 MHz

LTE B25 20MHz 50RB 0offset Right Side Mode High 0mm/Area Scan (5x6x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.63 W/kg

LTE B25 20MHz 50RB 0offset Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.289 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 1.81 W/kg ; SAR(10 g) = 0.852 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 40%

Maximum value of SAR (measured) = 3.49 W/kg

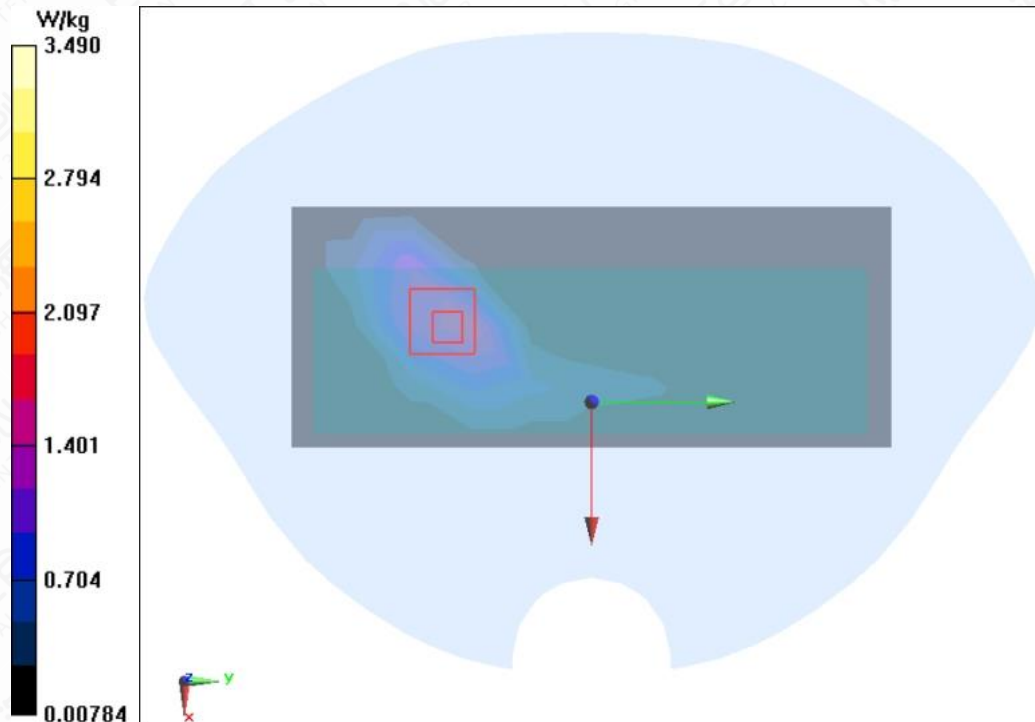


Figure A.1-16 LTE B25 20MHz 50RB 0offset Right Side Mode High 0mm

LTE B26 15MHz 1RB 38offset Right Side Mode High 5mm

Date/Time: 2024/8/12

Electronics: DAE4 Sn1581

 Medium parameters used (interpolated): $f = 841.5 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 41.969$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.6°C Liquid Temperature: 20.5°C

Communication System: LTE B26 750MHz; Frequency: 841.5 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 841.5 MHz

LTE B26 15MHz 1RB 38offset Right Side Mode High 5mm/Area Scan (5x6x1):

 Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

 Maximum value of SAR (measured) = 0.762 W/kg
LTE B26 15MHz 1RB 38offset Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

 Reference Value = 11.63 V/m ; Power Drift = -0.16 dB

 Peak SAR (extrapolated) = 1.15 W/kg
 $\text{SAR}(1 \text{ g}) = 0.617 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.341 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 10.1 mm

 Ratio of SAR at M2 to SAR at M1 = 53.6%

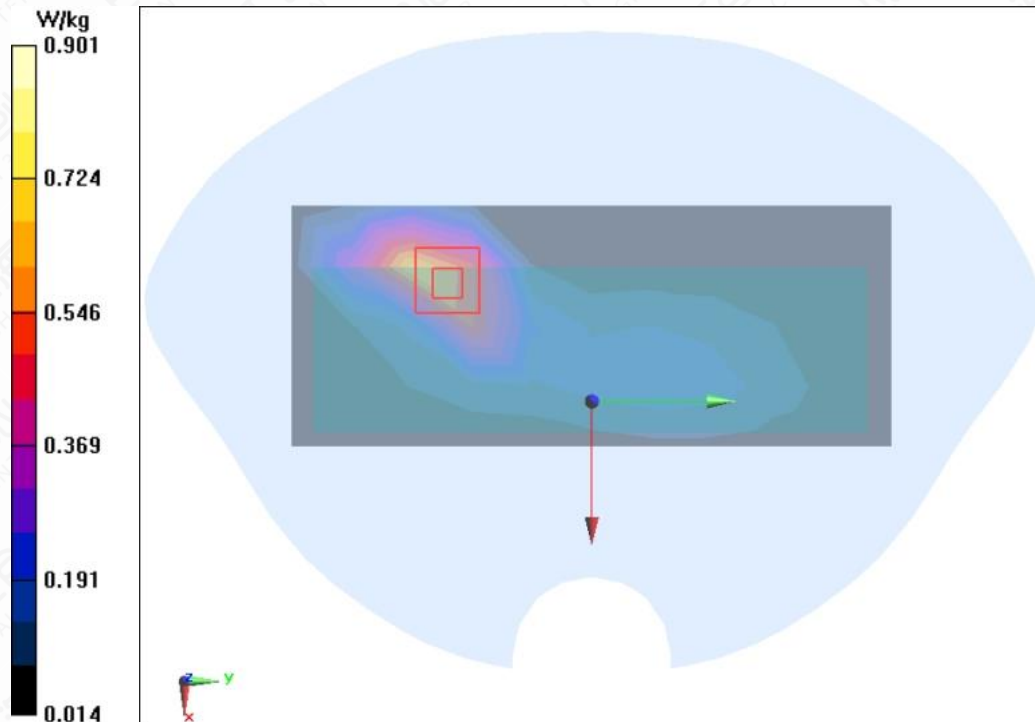
 Maximum of SAR (measured) = 0.901 W/kg


Figure A.1-17 LTE B26 15MHz 1RB 38offset Right Side Mode High 5mm

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm

Date/Time: 2024/8/12

Electronics: DAE4 Sn1581

Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 42.001$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.6°C Liquid Temperature: 20.5°C

Communication System: LTE B26 750MHz; Frequency: 831.5 MHz ; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 831.5 MHz

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.21 W/kg

LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.806 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 1.54 W/kg ; SAR(10 g) = 0.809 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

Maximum value of SAR (measured) = 2.57 W/kg

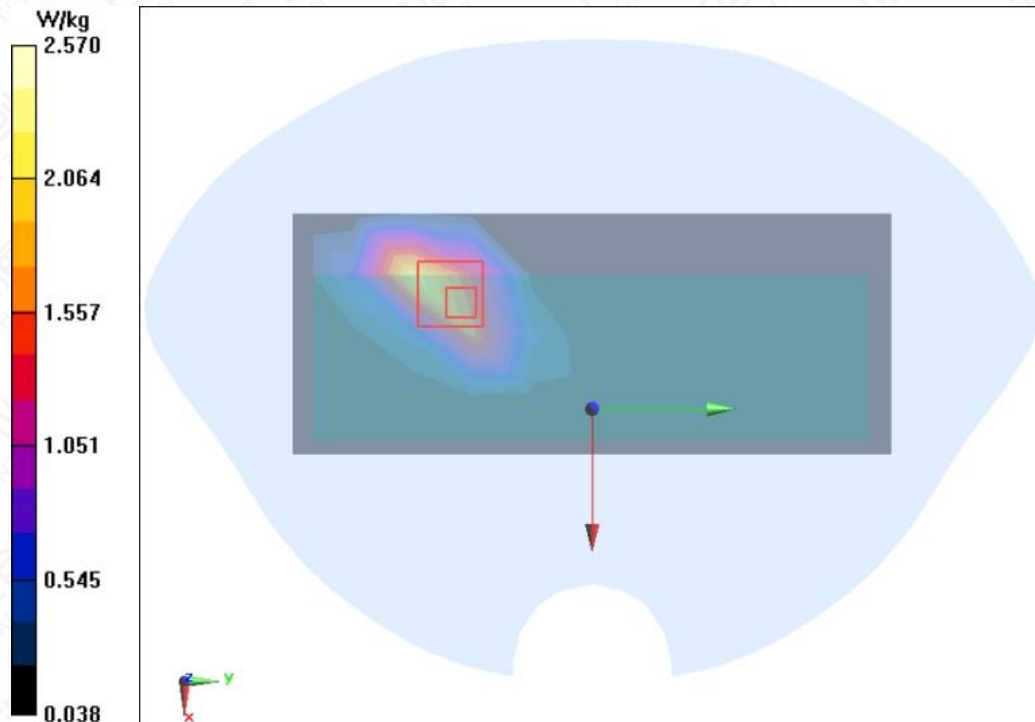


Figure A.1-18 LTE B26 15MHz 1RB 38offset Right Side Mode Middle 0mm

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm

Date/Time: 2024/7/22

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.727 \text{ S/m}$; $\epsilon_r = 38.68$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.4°C Liquid Temperature: 20.4°C

Communication System: LTE Band 30 Professional 2450MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2310 MHz

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 0.739 W/kg
LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 2.058 V/m ; Power Drift = -0.02 dB

 Peak SAR (extrapolated) = 1.90 W/kg

 SAR(1 g) = 0.721 W/kg ; SAR(10 g) = 0.344 W/kg

 Smallest distance from peaks to all points 3 dB below = 8 mm

 Ratio of SAR at M2 to SAR at M1 = 39.4%

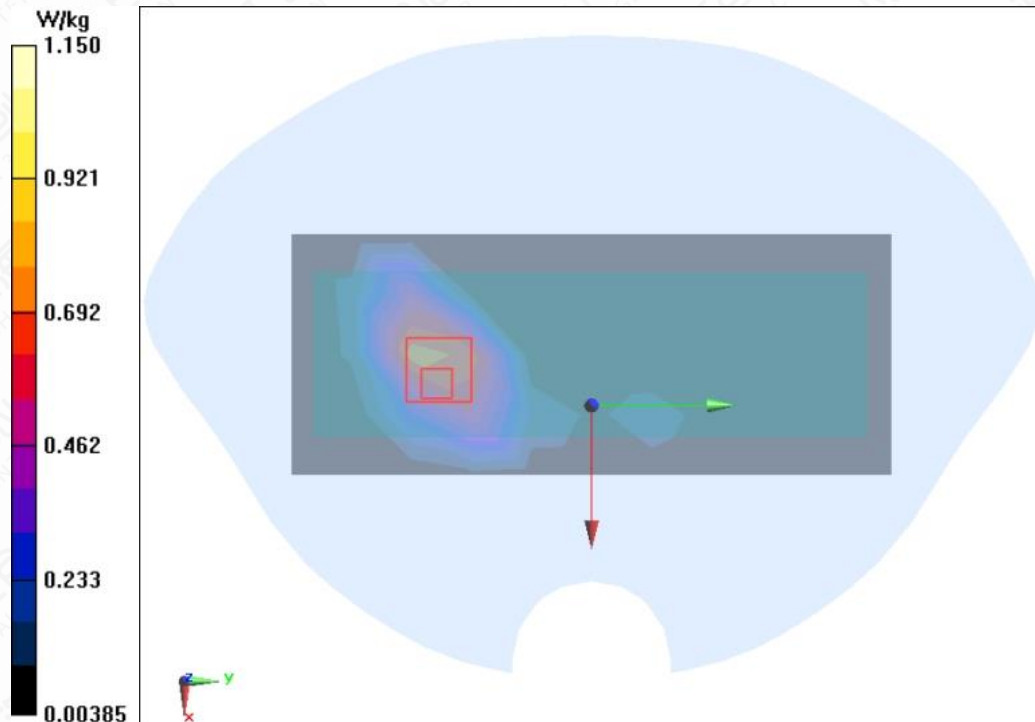
 Maximum value of SAR (measured) = 1.15 W/kg


Figure A.1-19 LTE B30 10MHz 1RB 25offset Right Side Mode Middle 5mm

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm

Date/Time: 2024/7/22

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.727 \text{ S/m}$; $\epsilon_r = 38.68$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.4°C Liquid Temperature: 20.4°C

Communication System: LTE Band 30 Professional 2450MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2310 MHz

LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm/Area Scan (5x11x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 1.22 W/kg
LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 3.686 V/m ; Power Drift = 0.14 dB

 Peak SAR (extrapolated) = 5.02 W/kg
 $\text{SAR}(1 \text{ g}) = 1.86 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.682 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 6.4 mm

 Ratio of SAR at M2 to SAR at M1 = 35.8%

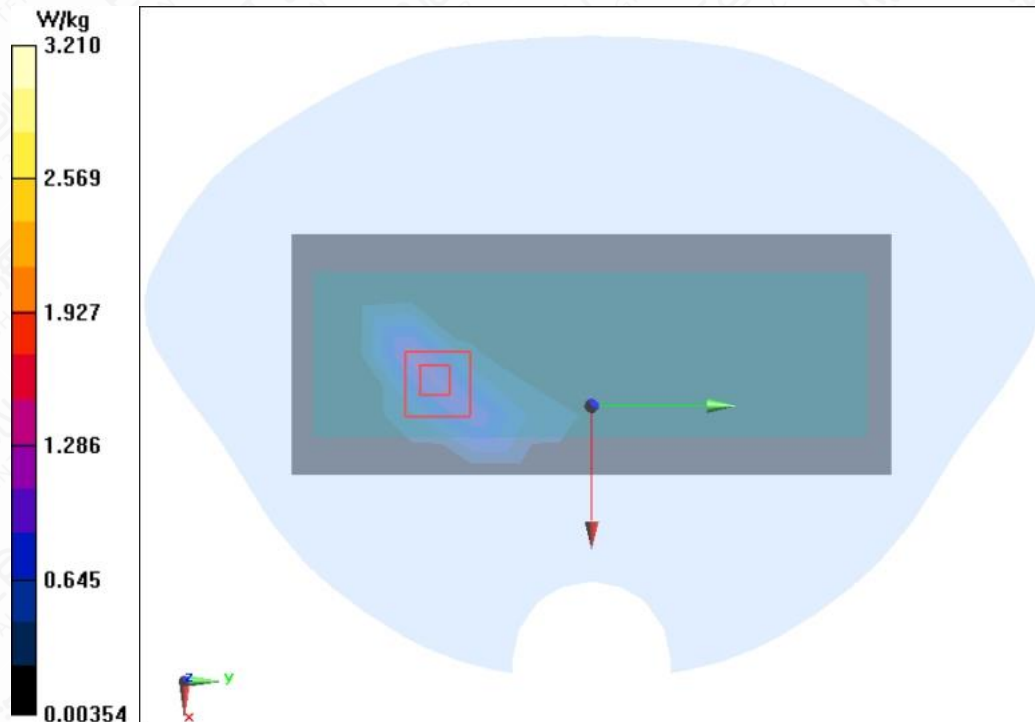
 Maximum of SAR (measured) = 3.21 W/kg


Figure A.1-20 LTE B30 10MHz 1RB 25offset Right Side Mode Middle 0mm

LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm

Date/Time: 2024/7/15

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2506 \text{ MHz}$; $\sigma = 1.872 \text{ S/m}$; $\epsilon_r = 37.975$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.7°C Liquid Temperature: 20.6°C

Communication System: LTE B41 2450MHz; Frequency: 2506 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2506 MHz

LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm/Area Scan (7x7x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 0.906 W/kg
LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 6.463 V/m ; Power Drift = -0.11 dB

 Peak SAR (extrapolated) = 1.47 W/kg
 $\text{SAR}(1 \text{ g}) = 0.767 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.384 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 10.1 mm

 Ratio of SAR at M2 to SAR at M1 = 53.4%

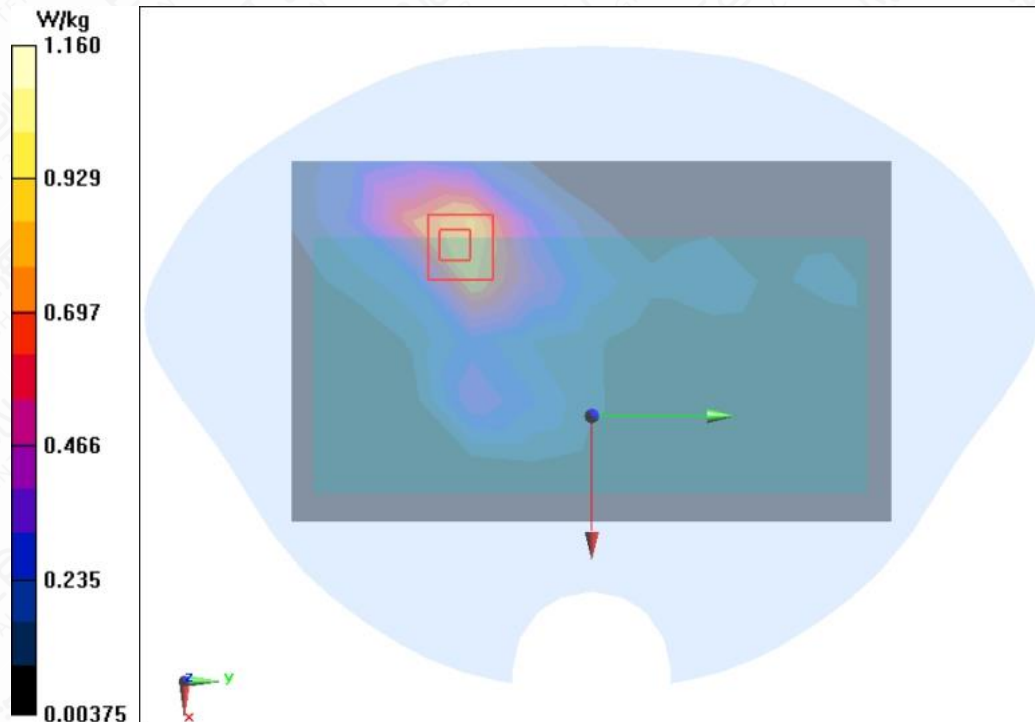
 Maximum value of SAR (measured) = 1.16 W/kg


Figure A.1-21 LTE B41 20MHz 1RB 50offset Front Side Mode Low 5mm

LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm

Date/Time: 2024/7/15

Electronics: DAE4 Sn1581

Medium parameters used: $f = 2680 \text{ MHz}$; $\sigma = 2.012 \text{ S/m}$; $\epsilon_r = 37.673$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.6°C

Communication System: LTE B41 2450MHz; Frequency: 2680 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2680 MHz

LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 2.22 W/kg

LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.435 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 1.67 W/kg ; SAR(10 g) = 0.662 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 39.4%

Maximum of SAR (measured) = 2.94 W/kg

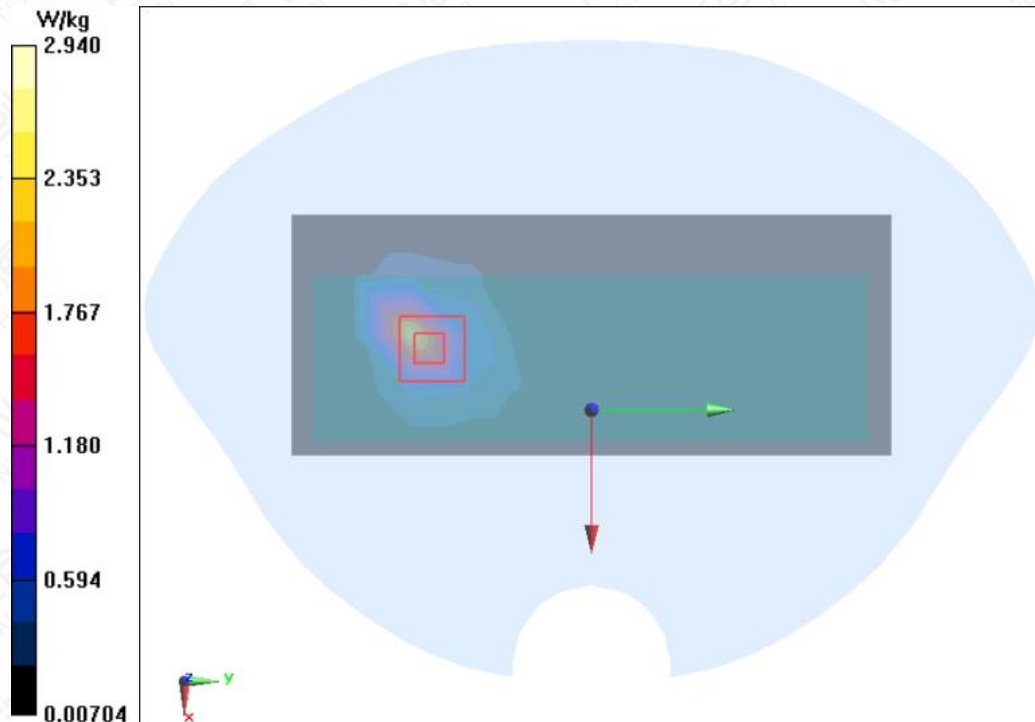


Figure A.1-22 LTE B41 20MHz 1RB 50offset Right Side Mode High 0mm

LTE B66 20MHz 1RB 50offset Right Side Mode Low 5mm

Date/Time: 2024/8/13

Electronics: DAE4 Sn1581

Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.304 \text{ S/m}$; $\epsilon_r = 40.144$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.6°C Liquid Temperature: 20.6°C

Communication System: LTE B66 1750MHz; Frequency: 1720 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1720 MHz

LTE B66 20MHz 1RB 50offset Right Side Mode Low 5mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.838 W/kg

LTE B66 20MHz 1RB 50offset Right Side Mode Low 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.922 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.638 W/kg ; SAR(10 g) = 0.380 W/kg

Smallest distance from peaks to all points 3 dB below = 13.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum of SAR (measured) = 0.928 W/kg

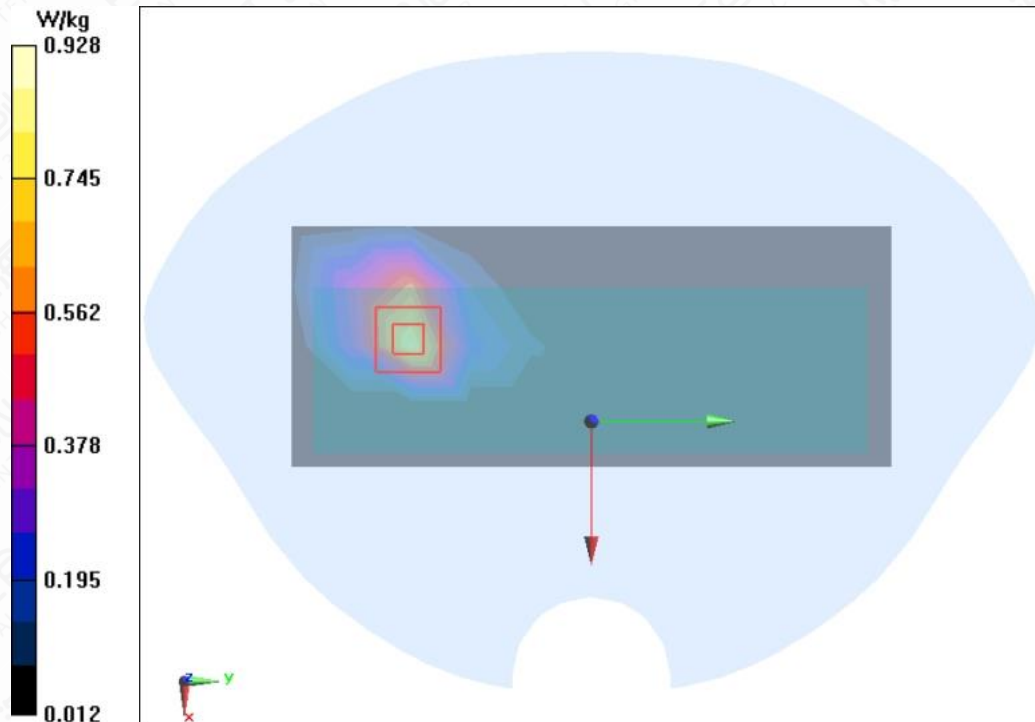


Figure A.1-23 LTE B66 20MHz 1RB 50offset Right Side Mode Low 5mm

LTE B66 20MHz 50RB 0offset Right Side Mode High 0mm

Date/Time: 2024/8/13

Electronics: DAE4 Sn1581

Medium parameters used: $f = 1770 \text{ MHz}$; $\sigma = 1.333 \text{ S/m}$; $\epsilon_r = 40.064$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.6°C Liquid Temperature: 20.6°C

Communication System: LTE B66 1750MHz; Frequency: 1770 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1770 MHz

LTE B66 20MHz 50RB 0offset Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.45 W/kg

LTE B66 20MHz 50RB 0offset Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.632 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.92 W/kg

SAR(1 g) = 1.64 W/kg; SAR(10 g) = 0.830 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 38.8%

Maximum value of SAR (measured) = 2.96 W/kg

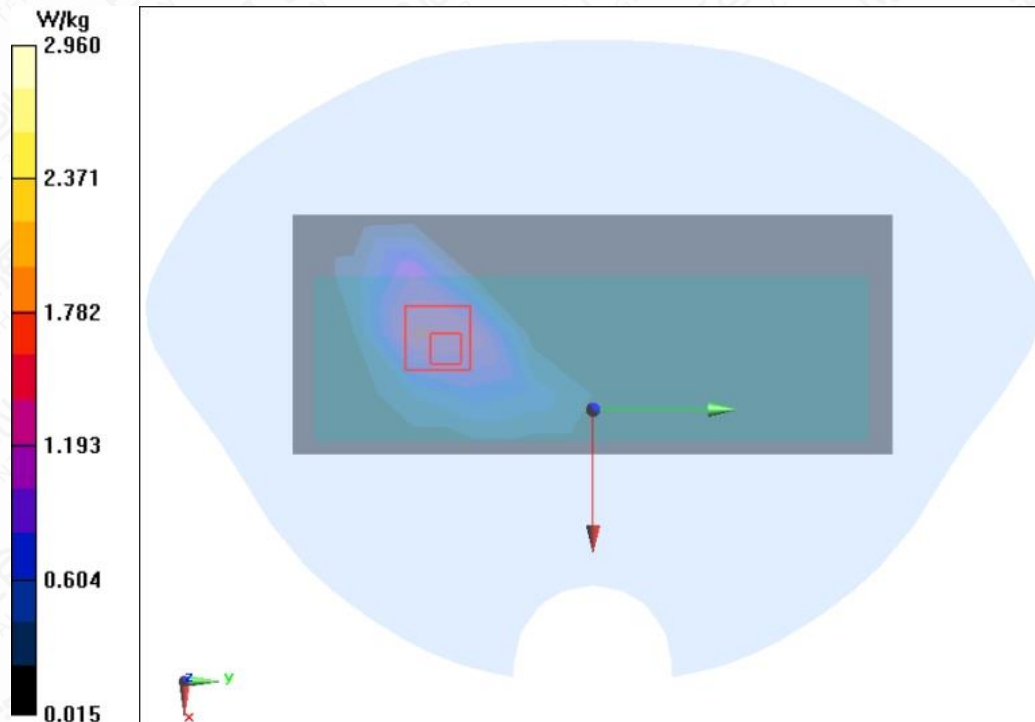


Figure A.1-24 LTE B66 20MHz 50RB 0offset Right Side Mode High 0mm

LTE B71 20MHz 50RB 50offset Right Side Mode Middle 5mm

Date/Time: 2024/8/12

Electronics: DAE4 Sn1581

Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 42.484$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.4°C Liquid Temperature: 20.5°C

Communication System: LTE B71 750MHz; Frequency: 683 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 683 MHz

LTE B71 20MHz 50RB 50offset Right Side Mode Middle 5mm/Area Scan (5x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.753 W/kg

LTE B71 20MHz 50RB 50offset Right Side Mode Middle 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.829 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.577 W/kg ; SAR(10 g) = 0.308 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 0.876 W/kg

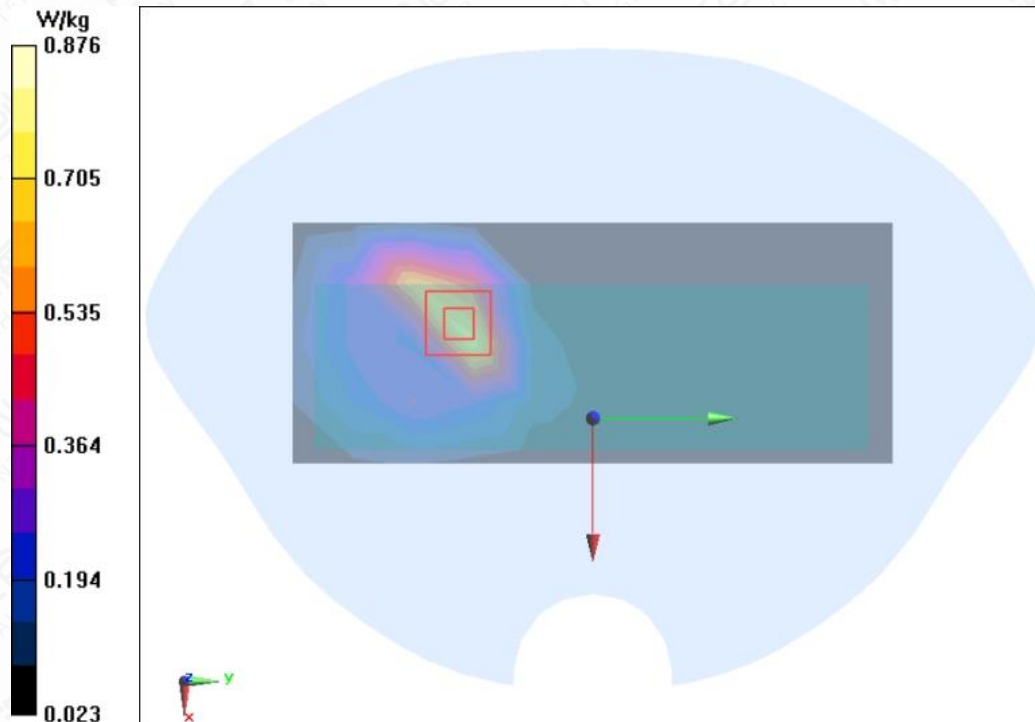


Figure A.1-25 LTE B71 20MHz 50RB 50offset Right Side Mode Middle 5mm

LTE B71 20MHz 1RB 50offset Front Side Mode High 0mm

Date/Time: 2024/8/12

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.865 \text{ S/m}$; $\epsilon_r = 42.467$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.4°C Liquid Temperature: 20.5°C

Communication System: LTE B71 750MHz; Frequency: 688 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 688 MHz

LTE B71 20MHz 1RB 50offset Front Side Mode High 0mm/Area Scan (7x11x1):

 Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

 Maximum value of SAR (measured) = 0.862 W/kg
LTE B71 20MHz 1RB 50offset Front Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

 Reference Value = 8.333 V/m ; Power Drift = 0.03 dB

 Peak SAR (extrapolated) = 1.25 W/kg

 SAR(1 g) = 0.657 W/kg ; SAR(10 g) = 0.372 W/kg

 Smallest distance from peaks to all points 3 dB below = 15.1 mm

 Ratio of SAR at M2 to SAR at M1 = 54.3%

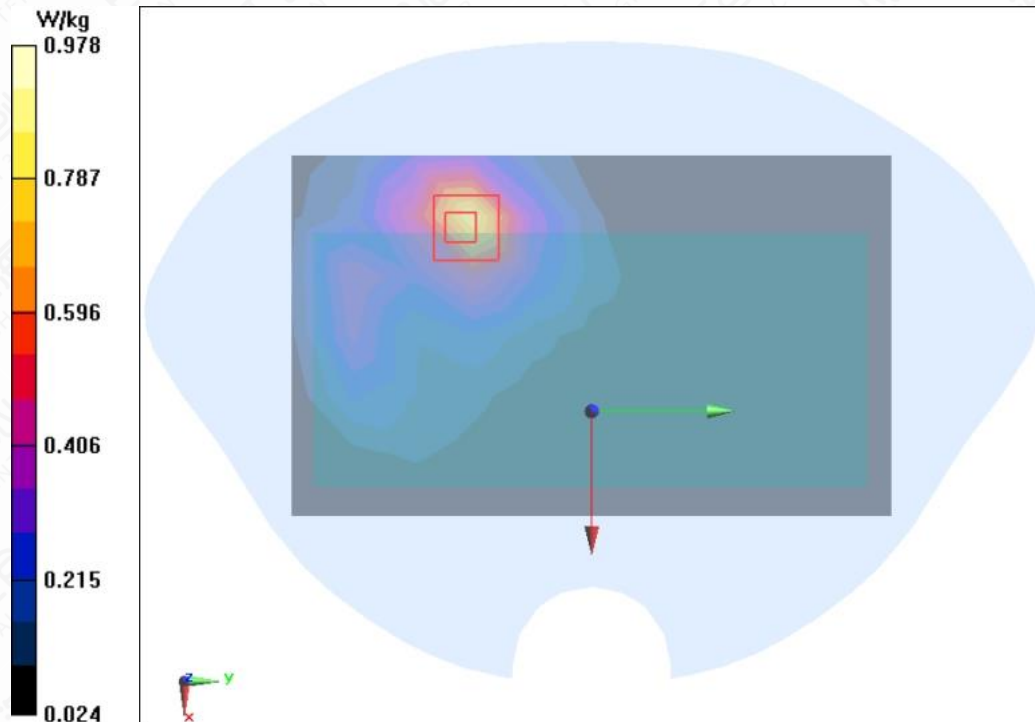
 Maximum value of SAR (measured) = 0.978 W/kg


Figure A.1-26 LTE B71 20MHz 1RB 50offset Front Side Mode High 0mm

Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm

Date/Time: 2024/8/1

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.833 \text{ S/m}$; $\epsilon_r = 38.598$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.8°C Liquid Temperature: 20.6°C

Communication System: WLAN 2450 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2437 MHz

Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm/Area Scan (5x11x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 0.427 W/kg
Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 6.424 V/m ; Power Drift = 0.03 dB

 Peak SAR (extrapolated) = 1.14 W/kg
 $\text{SAR}(1 \text{ g}) = 0.482 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.204 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 8.2 mm

 Ratio of SAR at M2 to SAR at M1 = 41.6%

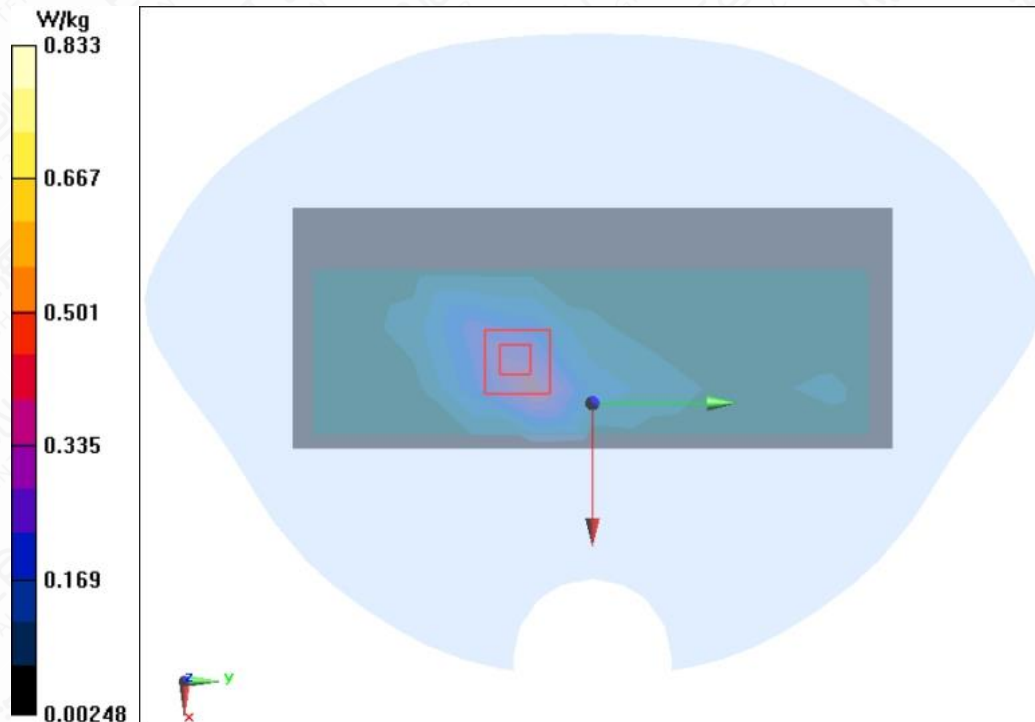
 Maximum value of SAR (measured) = 0.833 W/kg


Figure A.1-27 Wi-Fi 2.4G 802.11b Right Side Mode Middle 5mm

Wi-Fi 2.4G 802.11b Right Side Mode Low 0mm

Date/Time: 2024/8/1

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.813 \text{ S/m}$; $\epsilon_r = 38.66$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.8°C Liquid Temperature: 20.6°C

Communication System: WLAN 2450 2450MHz; Frequency: 2412 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2412 MHz

Wi-Fi 2.4G 802.11b Right Side Mode Low 0mm/Area Scan (5x11x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.15 W/kg

Wi-Fi 2.4G 802.11b Right Side Mode Low 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.924 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.326 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum of SAR (measured) = 1.56 W/kg

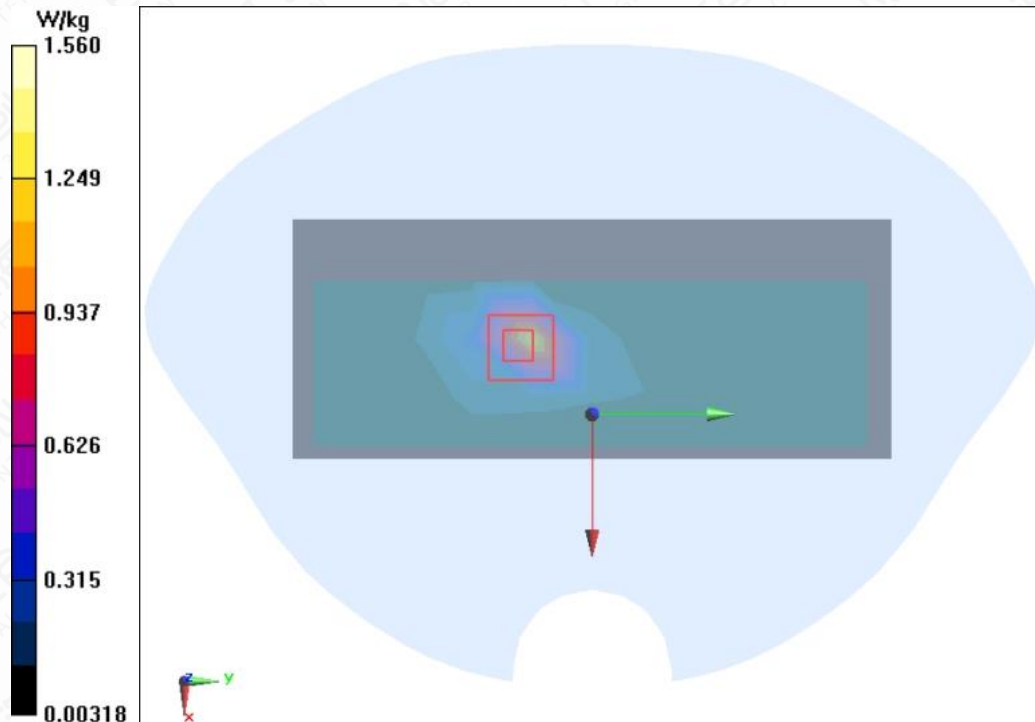


Figure A.1-28 Wi-Fi 2.4G 802.11b Right Side Mode Low 0mm

Wi-Fi 5G 802.11a Right Side Mode High 5mm

Date/Time: 2024/7/30

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.735 \text{ S/m}$; $\epsilon_r = 35.718$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-1 5000MHz; Frequency: 5240 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5240 MHz

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.173 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.234 W/kg ; SAR(10 g) = 0.065 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 39.8%

Maximum of SAR (measured) = 0.493 W/kg

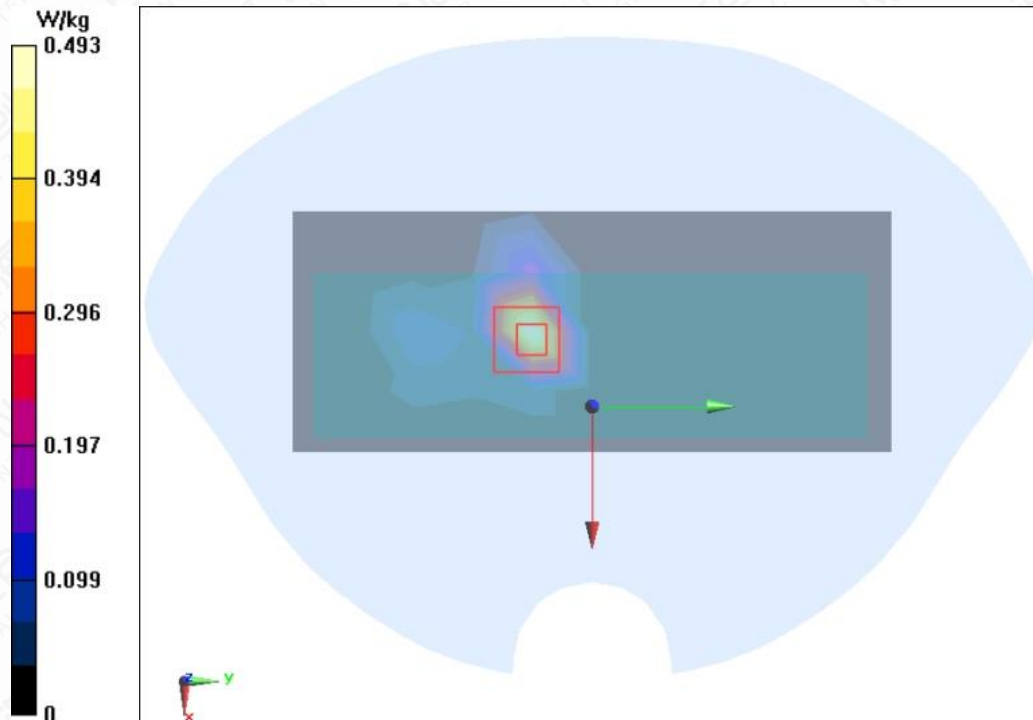


Figure A.1-29 Wi-Fi 5G 802.11a Right Side Mode High 5mm

Wi-Fi 5G 802.11a Right Side Mode High 0mm

Date/Time: 2024/7/30

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.735 \text{ S/m}$; $\epsilon_r = 35.718$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-1 5000MHz; Frequency: 5240 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5240 MHz

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.48 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.8150 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.63 W/kg

SAR(1 g) = 0.743 W/kg ; SAR(10 g) = 0.168 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 39.6%

Maximum of SAR (measured) = 1.46 W/kg

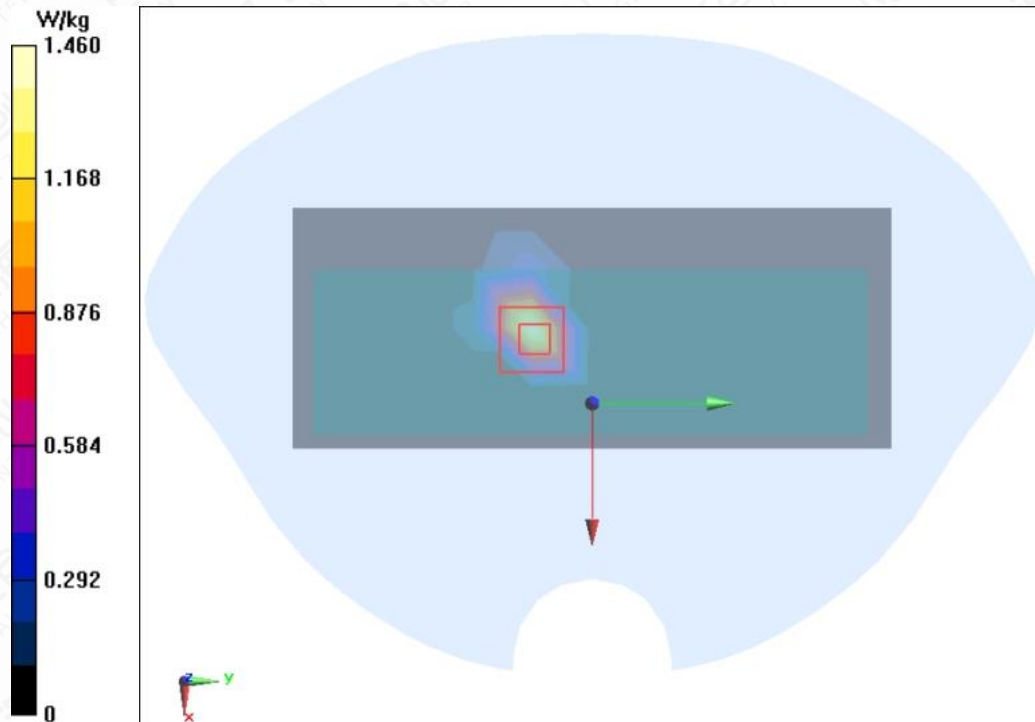


Figure A.1-30 Wi-Fi 5G 802.11a Right Side Mode High 0mm

Wi-Fi 5G 802.11a Right Side Mode High 5mm

Date/Time: 2024/7/30

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.824$ S/m; $\epsilon_r = 35.549$; $\rho = 1000$ kg/m³

Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-2A 5000MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5320 MHz

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.500 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2mm

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

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.090 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 31%

Maximum of SAR (measured) = 0.649 W/kg

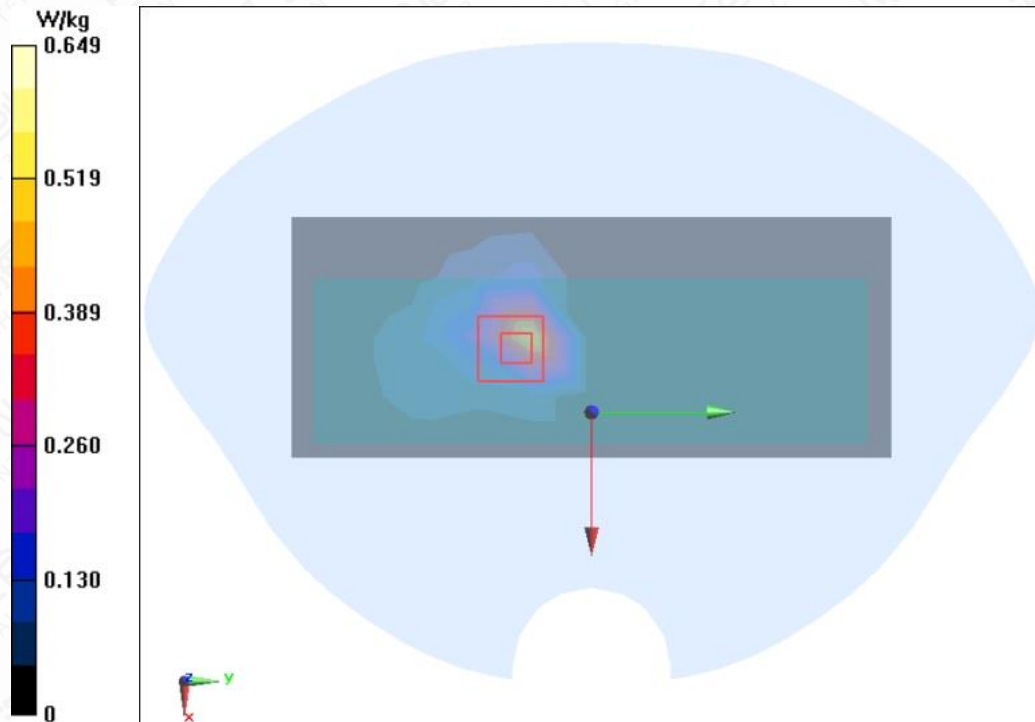


Figure A.1-31 Wi-Fi 5G 802.11a Right Side Mode High 5mm

Wi-Fi 5G 802.11a Right Side Mode High 0mm

Date/Time: 2024/7/30

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.824 \text{ S/m}$; $\epsilon_r = 35.549$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-2A 5000MHz; Frequency: 5320 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5320 MHz

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

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

Peak SAR (extrapolated) = 4.45 W/kg

SAR(1 g) = 0.871 W/kg ; SAR(10 g) = 0.209 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 37.9%

Maximum of SAR (measured) = 2.03 W/kg

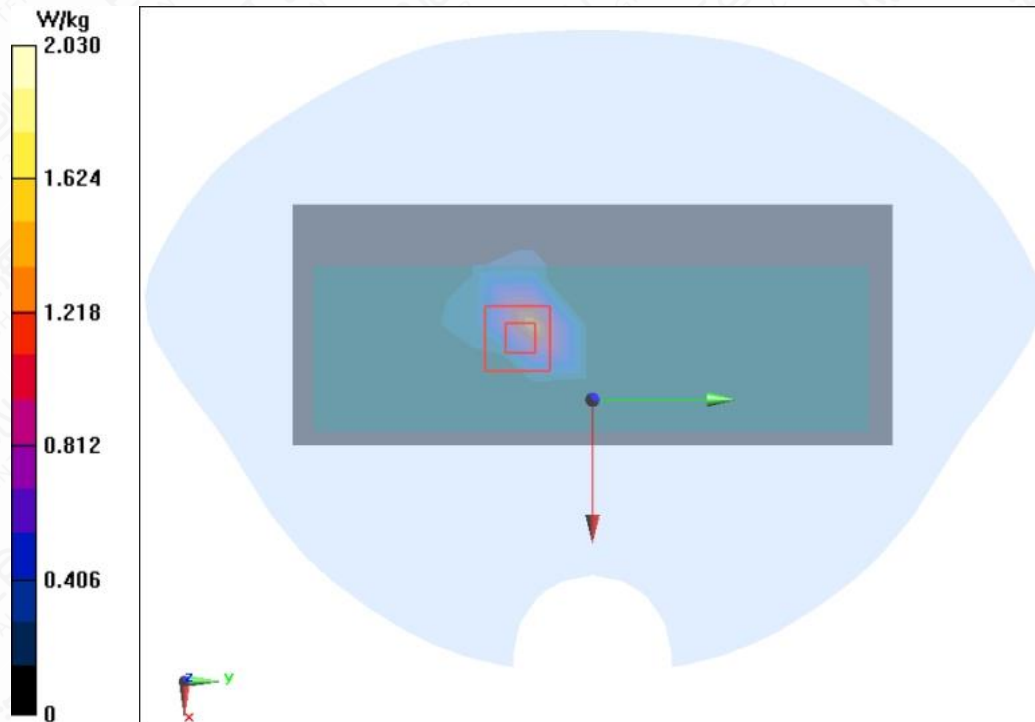


Figure A.1-32 Wi-Fi 5G 802.11a Right Side Mode High 0mm

Wi-Fi 5G 802.11a Right Side Mode High 5mm

Date/Time: 2024/7/31

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.266 \text{ S/m}$; $\epsilon_r = 34.756$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-2C 5000MHz; Frequency: 5700 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.1, 5.1, 5.1) @ 5700 MHz

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.653 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.3380 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.296 W/kg ; SAR(10 g) = 0.088 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 37.2%

Maximum of SAR (measured) = 0.677 W/kg

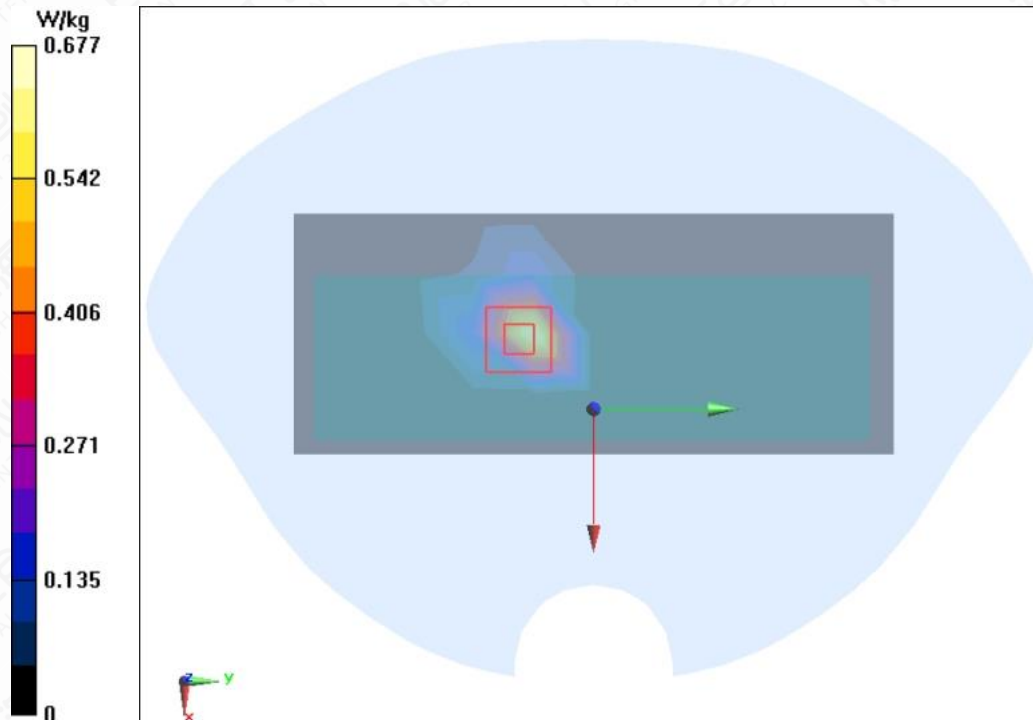


Figure A.1-33 Wi-Fi 5G 802.11a Right Side Mode High 5mm

Wi-Fi 5G 802.11a Right Side Mode High 0mm

Date/Time: 2024/7/31

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 5.266 \text{ S/m}$; $\epsilon_r = 34.756$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-2C 5000MHz; Frequency: 5700 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.1, 5.1, 5.1) @ 5700 MHz

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Area Scan (5x11x1):

 Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

 Maximum value of SAR (measured) = 2.21 W/kg
Wi-Fi 5G 802.11a Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

 Reference Value = 1.335 V/m ; Power Drift = 0.03 dB

 Peak SAR (extrapolated) = 5.32 W/kg
 $\text{SAR}(1 \text{ g}) = 0.921 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.224 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 6.4 mm

 Ratio of SAR at M2 to SAR at M1 = 39.6%

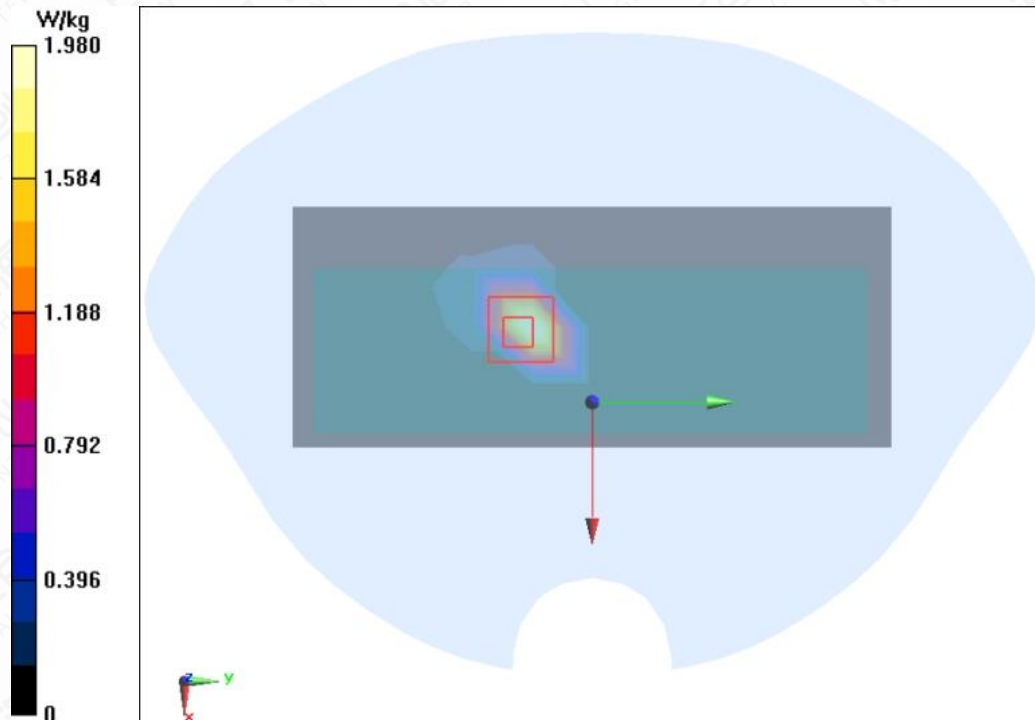
 Maximum of SAR (measured) = 1.98 W/kg


Figure A.1-34 Wi-Fi 5G 802.11a Right Side Mode High 0mm

Wi-Fi 5G 802.11a Right Side Mode High 5mm

Date/Time: 2024/7/31

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.415 \text{ S/m}$; $\epsilon_r = 34.511$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-3 5000MHz; Frequency: 5825 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.25, 5.25, 5.25) @ 5825 MHz

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Area Scan (5x11x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.309 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

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

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.324 W/kg ; SAR(10 g) = 0.091 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 35.9%

Maximum of SAR (measured) = 0.737 W/kg

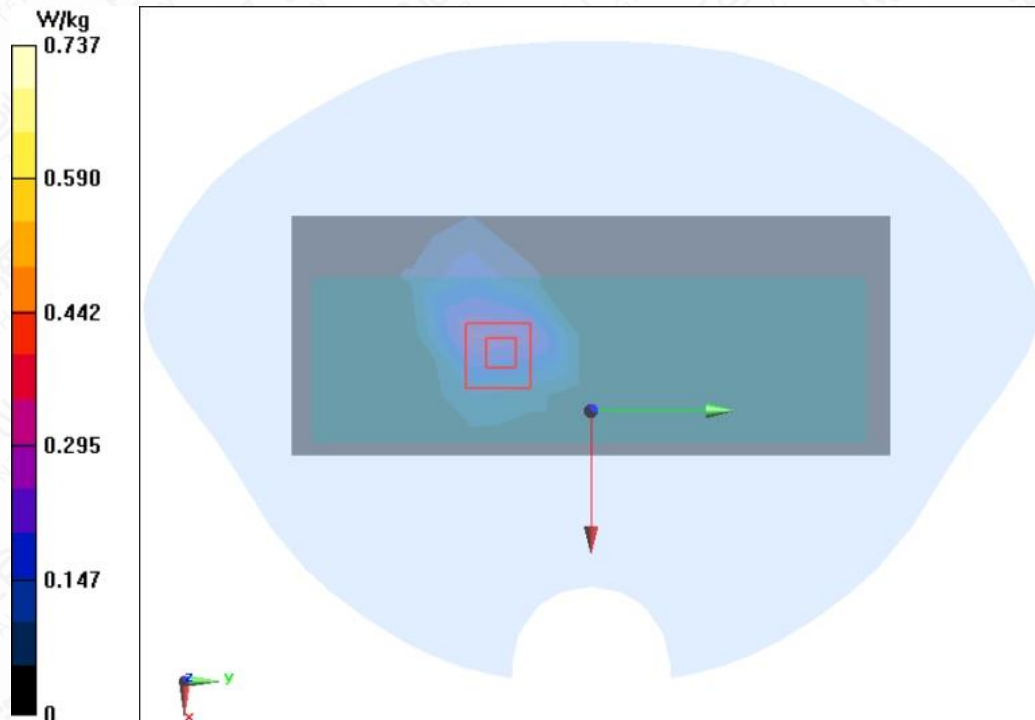


Figure A.1-35 Wi-Fi 5G 802.11a Right Side Mode High 5mm

Wi-Fi 5G 802.11a Right Side Mode High 0mm

Date/Time: 2024/7/31

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.415 \text{ S/m}$; $\epsilon_r = 34.511$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.8°C Liquid Temperature: 20.9°C

Communication System: 5G-U-NII-3 5000MHz; Frequency: 5825 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.25, 5.25, 5.25) @ 5825 MHz

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Area Scan (5x11x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.853 W/kg

Wi-Fi 5G 802.11a Right Side Mode High 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.08000 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.87 W/kg

SAR(1 g) = 1.02 W/kg ; SAR(10 g) = 0.267 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 37.5%

Maximum of SAR (measured) = 2.38 W/kg

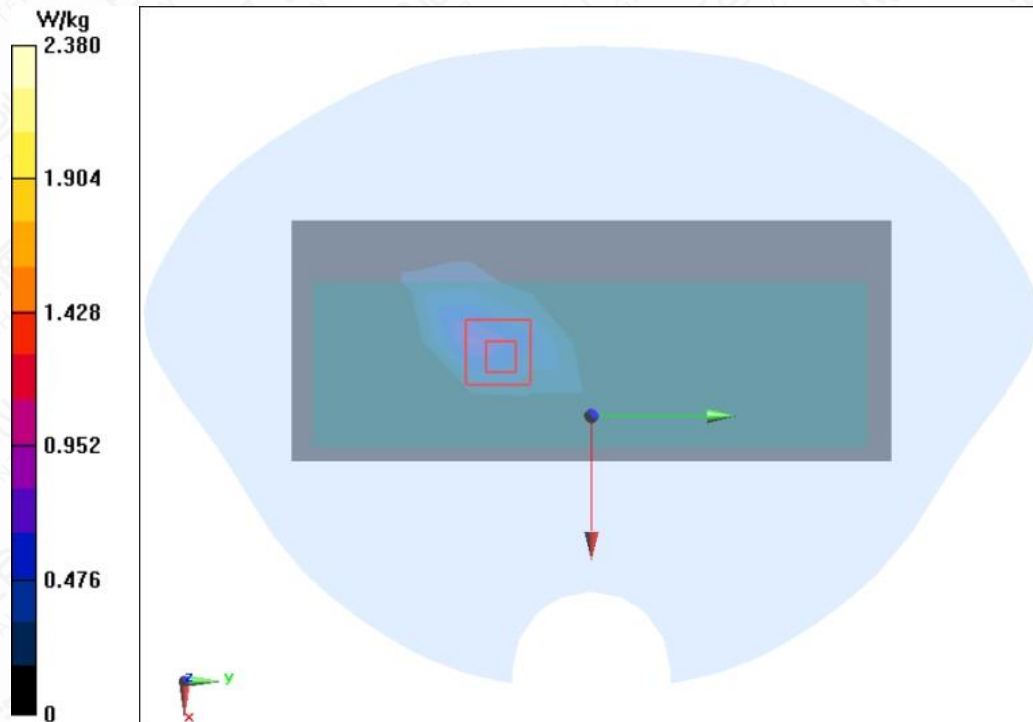


Figure A.1-36 Wi-Fi 5G 802.11a Right Side Mode High 0mm

BT DH5 Right Side Mode High 5mm

Date/Time: 2024/8/1

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.862 \text{ S/m}$; $\epsilon_r = 38.525$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.7°C Liquid Temperature: 20.5°C

Communication System: Bluetooth 2450MHz; Frequency: 2480 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2480 MHz

BT DH5 Right Side Mode High 5mm/Area Scan (5x11x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 0.0354 W/kg
BT DH5 Right Side Mode High 5mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 1.032 V/m ; Power Drift = 0.02 dB

 Peak SAR (extrapolated) = 0.0870 W/kg

 SAR(1 g) = 0.034 W/kg ; SAR(10 g) = 0.013 W/kg

 Smallest distance from peaks to all points 3 dB below: 5.8 mm

 Ratio of SAR at M2 to SAR at M1 = 34.2%

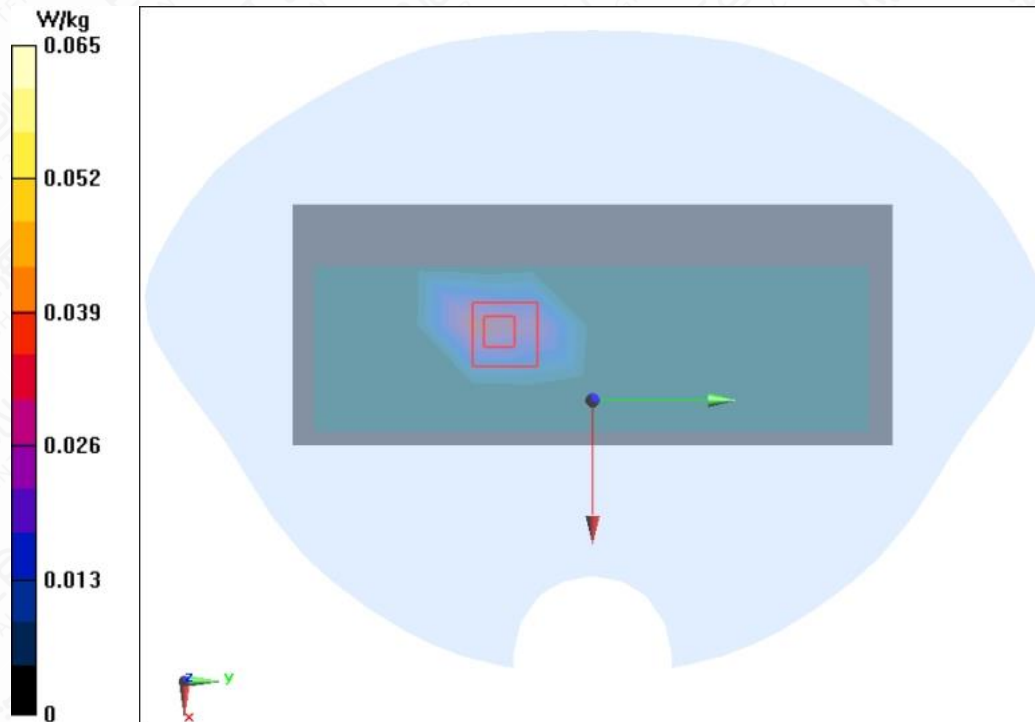
 Maximum value of SAR (measured) = 0.065 W/kg


Figure A.1-37 BT DH5 Right Side Mode High 5mm

BT DH5 Right Side Mode Middle 0mm

Date/Time: 2024/8/1

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.835 \text{ S/m}$; $\epsilon_r = 38.588$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.7°C Liquid Temperature: 20.5°C

Communication System: Bluetooth 2450MHz; Frequency: 2441 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2441 MHz

BT DH5 Right Side Mode Middle 0mm/Area Scan (5x11x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 0.0557 W/kg
BT DH5 Right Side Mode Middle 0mm/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 1.291 V/m ; Power Drift = 0.05 dB

 Peak SAR (extrapolated) = 0.167 W/kg
 $\text{SAR}(1 \text{ g}) = 0.057 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.019 \text{ W/kg}$

 Smallest distance from peaks to all points 3 dB below = 6.4 mm

 Ratio of SAR at M2 to SAR at M1 = 30.9%

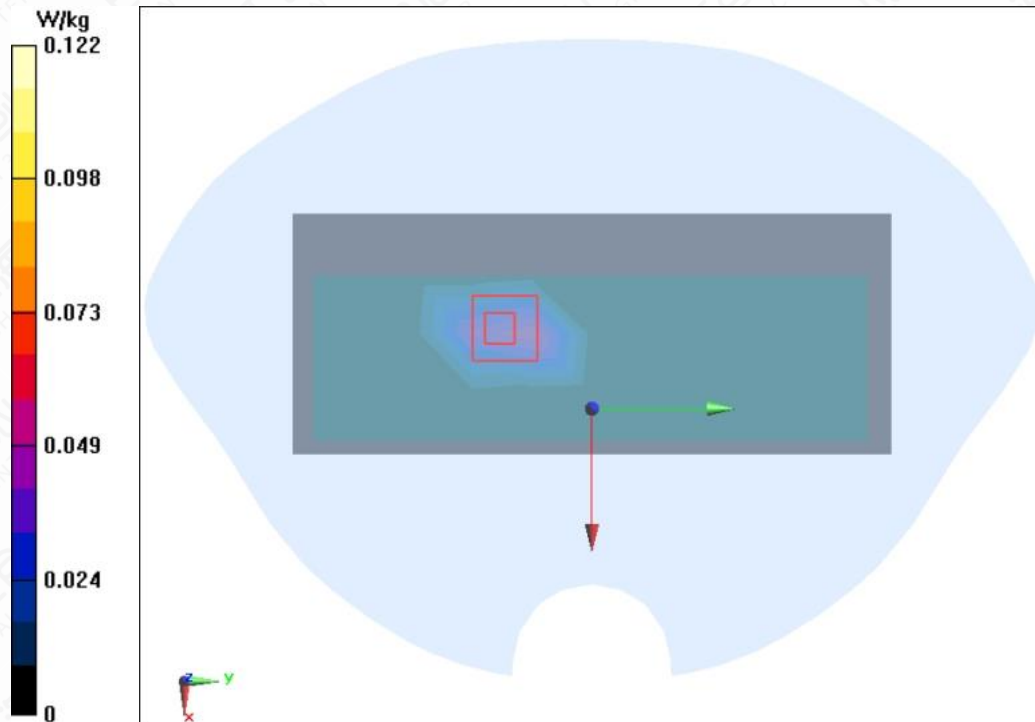
 Maximum value of SAR (measured) = 0.122 W/kg


Figure A.1-38 BT DH5 Right Side Mode Middle 0mm

A.2 System Check Graph Results

System Check 750MHz

Date/Time: 2024/7/16

Electronics: DAE4 Sn1581

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.889 \text{ S/m}$; $\epsilon_r = 42.163$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.5°C Liquid Temperature: 20.6°C

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

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 750 MHz

System Check 750MHz/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.58 W/kg

System Check 750MHz/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 58.14 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.42 W/kg

SAR(1 g) = 2.13 W/kg ; SAR(10 g) = 1.38 W/kg

Maximum value of SAR (measured) = 2.94 W/kg

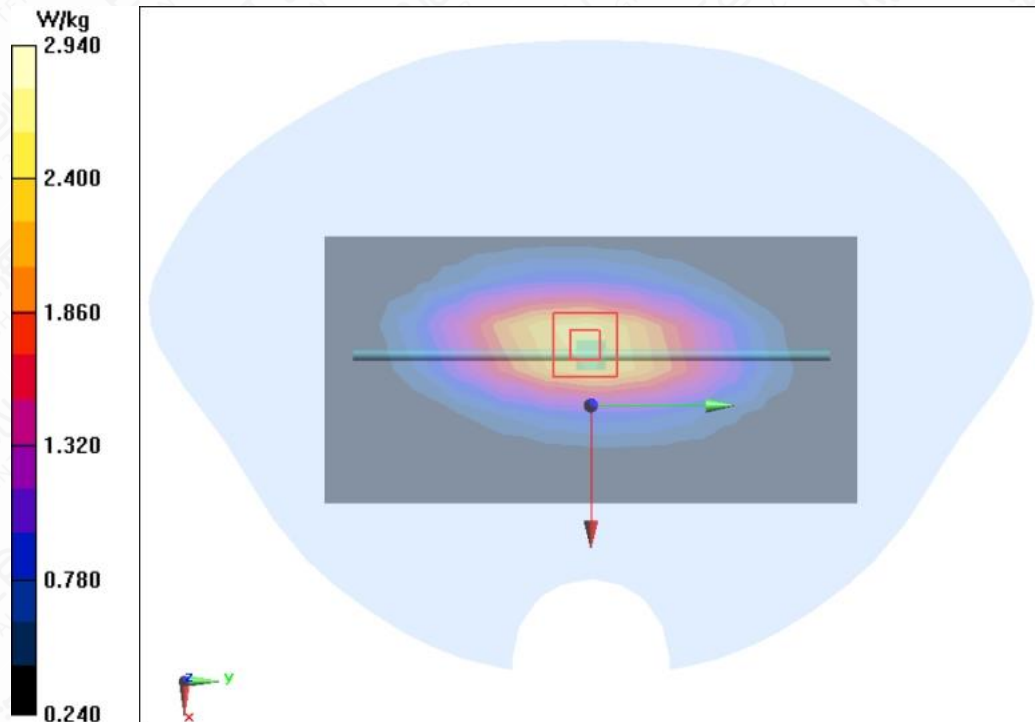


Figure A.2-1 System Check 750MHz

System Check 750MHz

Date/Time: 2024/8/12

Electronics: DAE4 Sn1581

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.887 \text{ S/m}$; $\epsilon_r = 42.261$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.8°C

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

Probe: EX3DV4 - SN7634ConvF(10.6, 10.6, 10.6) @ 750 MHz

System Check 750MHz/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.59 W/kg

System Check 750MHz/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.11 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.44 W/kg

SAR(1 g) = 2.14 W/kg ; SAR(10 g) = 1.39 W/kg

Maximum value of SAR (measured) = 2.96 W/kg

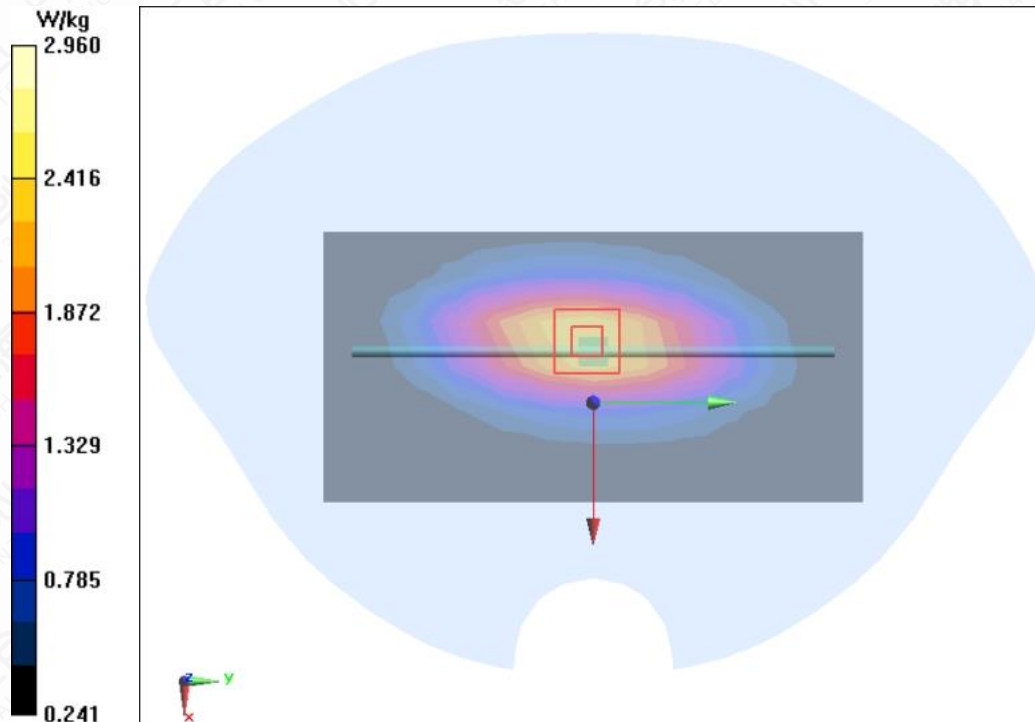


Figure A.2-2 System Check 750MHz

System Check 835MHz

Date/Time: 2024/7/29

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 41.839$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.5°C Liquid Temperature: 20.5°C

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

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 835 MHz

System Check 835MHz/Area Scan (7x13x1):

 Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.94 W/kg

System Check 835MHz/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 60.54 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.84 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 3.29 W/kg

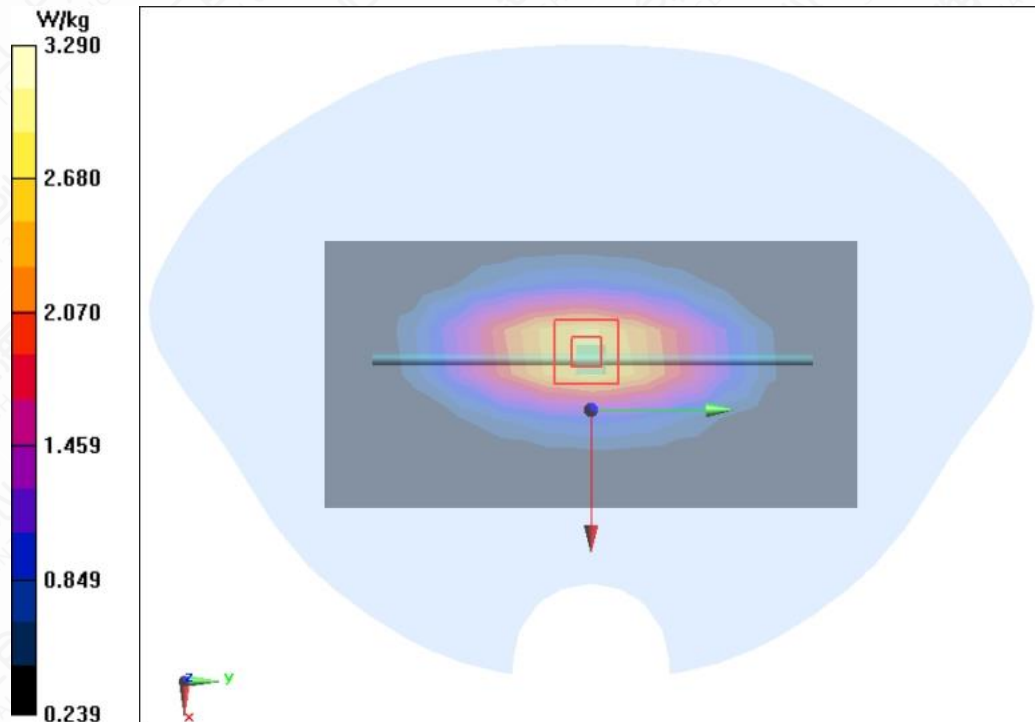


Figure A.2-3 System Check 835MHz

System Check 835MHz

Date/Time: 2024/8/12

Electronics: DAE4 Sn1581

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.989$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.6°C

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

Probe: EX3DV4 - SN7634ConvF(10.19, 10.19, 10.19) @ 835 MHz

System Check 835MHz/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.88 W/kg

System Check 835MHz/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 60.12 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.83 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 3.29 W/kg

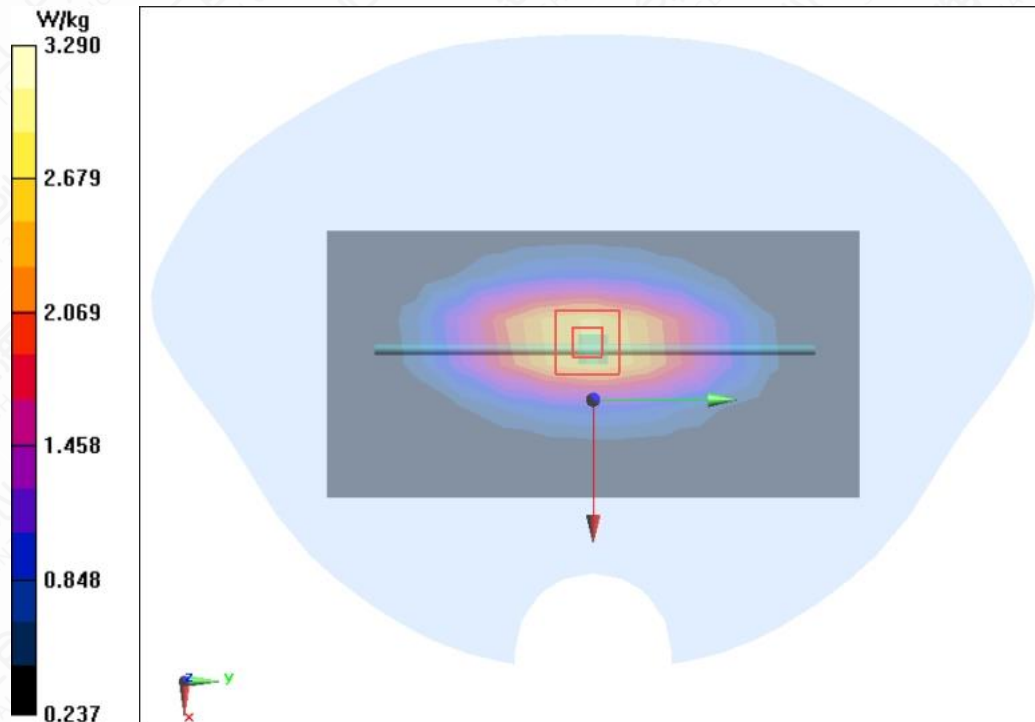


Figure A.2-4 System Check 835MHz

System Check 1750MHz

Date/Time: 2024/7/24

Electronics: DAE4 Sn1581

Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.314 \text{ S/m}$; $\epsilon_r = 40.089$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.4°C Liquid Temperature: 20.3°C

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

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1750 MHz

System Check 1750MHz/Area Scan (8x7x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 10.2 W/kg

System Check 1750MHz/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 104.2 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 8.8 W/kg ; SAR(10 g) = 4.68 W/kg

Maximum value of SAR (measured) = 13.6 W/kg

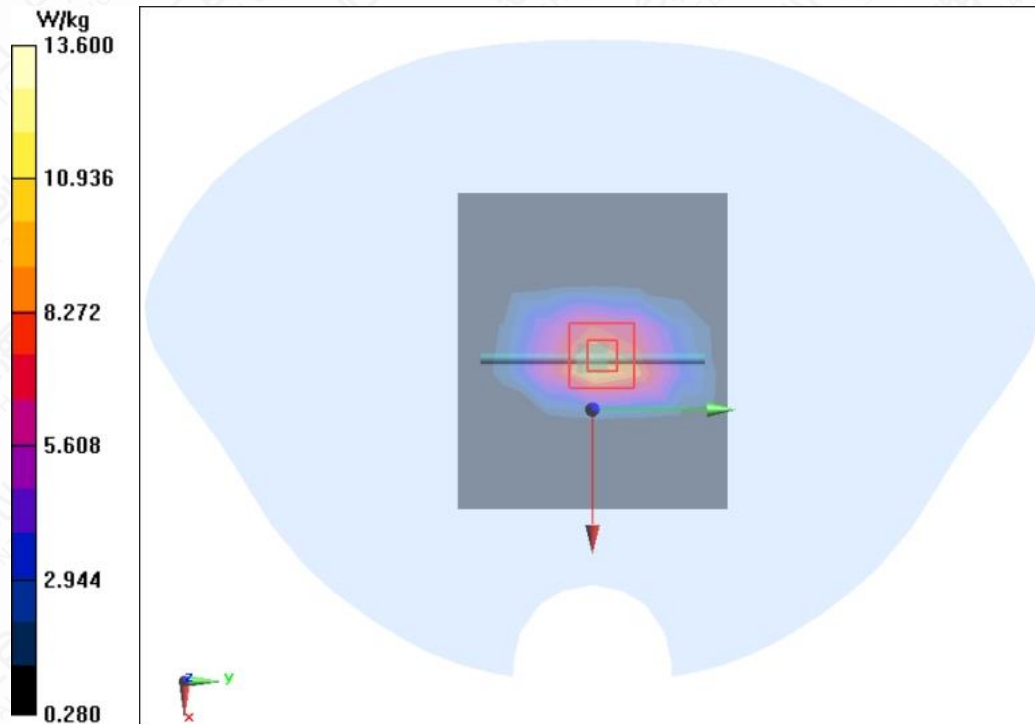


Figure A.2-5 System Check 1750MHz

System Check 1750MHz

Date/Time: 2024/8/13

Electronics: DAE4 Sn1581

Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.321 \text{ S/m}$; $\epsilon_r = 40.091$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.8°C

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

Probe: EX3DV4 - SN7634ConvF(8.86, 8.86, 8.86) @ 1750 MHz

System Check 1750MHz/Area Scan (8x7x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 10.9 W/kg

System Check 1750MHz/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 111.1 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 9.08 W/kg ; SAR(10 g) = 4.83 W/kg

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

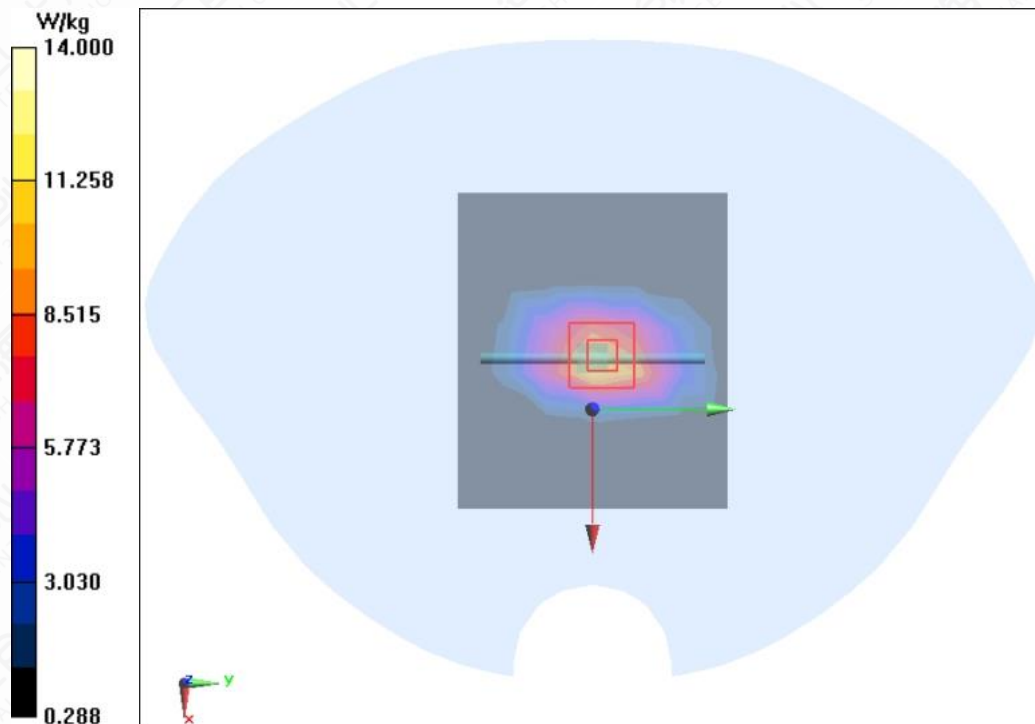


Figure A.2-6 System Check 1750MHz

System Check 1900MHz

Date/Time: 2024/7/25

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.415 \text{ S/m}$; $\epsilon_r = 39.926$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.5°C Liquid Temperature: 20.5°C

Communication System: CW 1900MHz; Frequency: 1900 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1900 MHz

System Check 1900MHz/Area Scan (8x7x1):

 Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 10.8 W/kg

System Check 1900MHz/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 103.4 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 18.4 W/kg

SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.13 W/kg

Maximum value of SAR (measured) = 15.2 W/kg

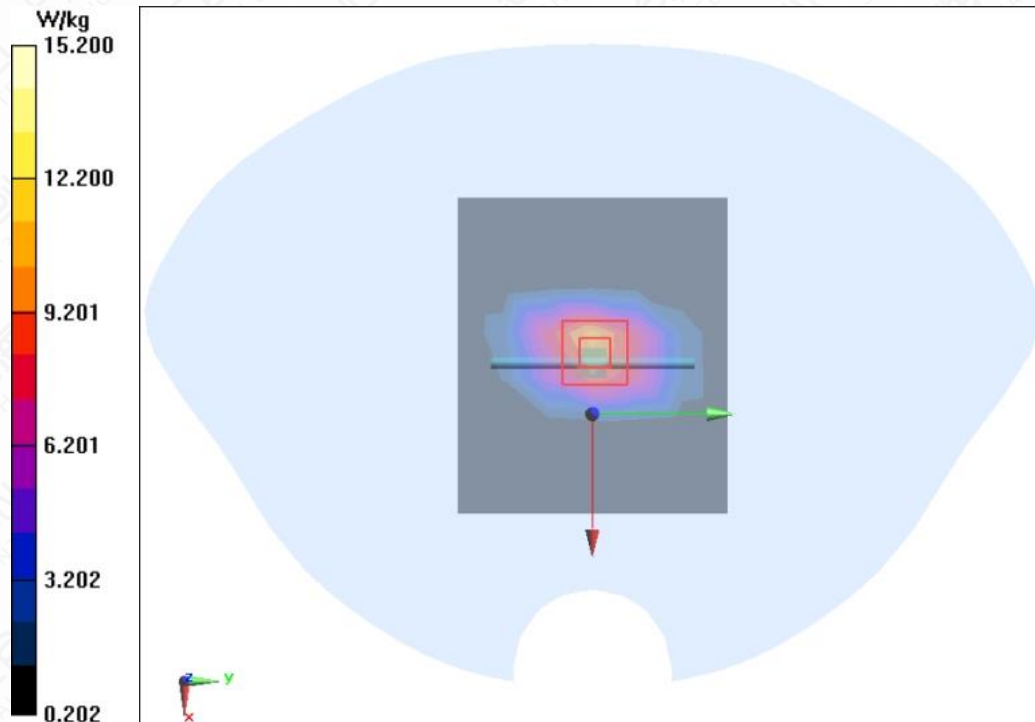


Figure A.2-7 System Check 1900MHz

System Check 1900MHz

Date/Time: 2024/8/13

Electronics: DAE4 Sn1581

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.905$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.5°C

Communication System: CW 1900MHz; Frequency: 1900 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.51, 8.51, 8.51) @ 1900 MHz

System Check 1900MHz/Area Scan (8x7x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 10.8 W/kg

System Check 1900MHz/Zoom Scan (7x7x7) (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 103.8 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.81 W/kg ; SAR(10 g) = 5.09 W/kg

Maximum value of SAR (measured) = 15.1 W/kg

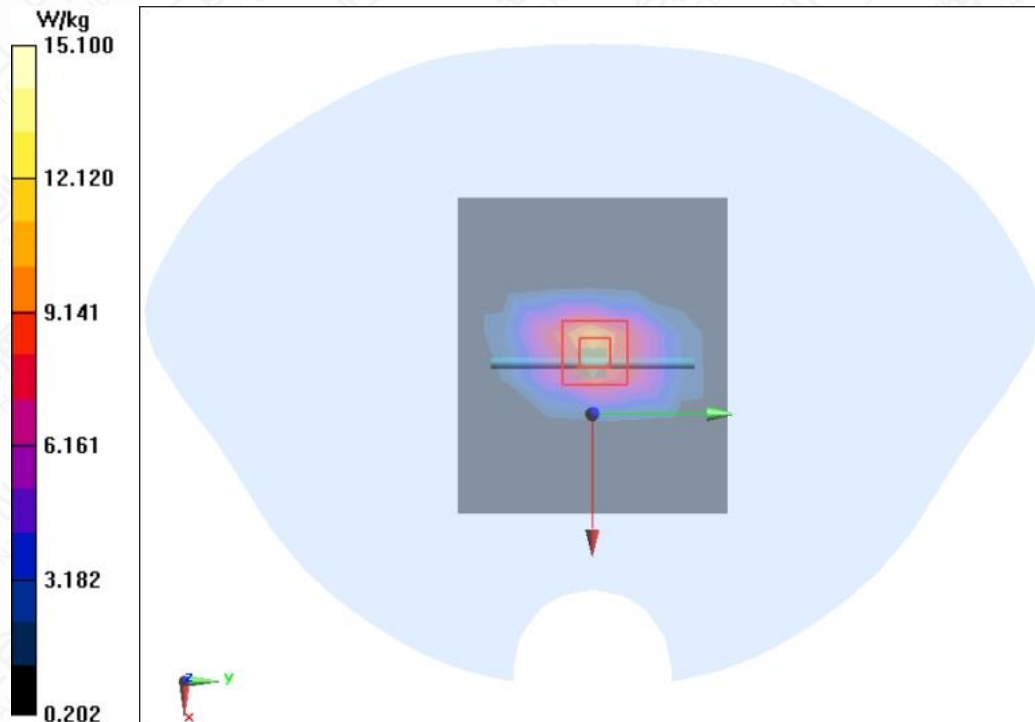


Figure A.2-8 System Check 1900MHz

System Check 2300MHz

Date/Time: 2024/7/22

Electronics: DAE4 Sn1581

Medium parameters used: $f = 2300 \text{ MHz}$; $\sigma = 1.719 \text{ S/m}$; $\epsilon_r = 38.694$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.6°C Liquid Temperature: 20.6°C

Communication System: CW 2300MHz; Frequency: 2300 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(8.32, 8.32, 8.32) @ 2300 MHz

System Check 2300MHz/Area Scan (8x8x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 15.3 W/kg

System Check 2300MHz/Zoom Scan (7x7x7) (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 108.8 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 24.2 W/kg

SAR(1 g) = 12.1 W/kg ; SAR(10 g) = 5.78 W/kg

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

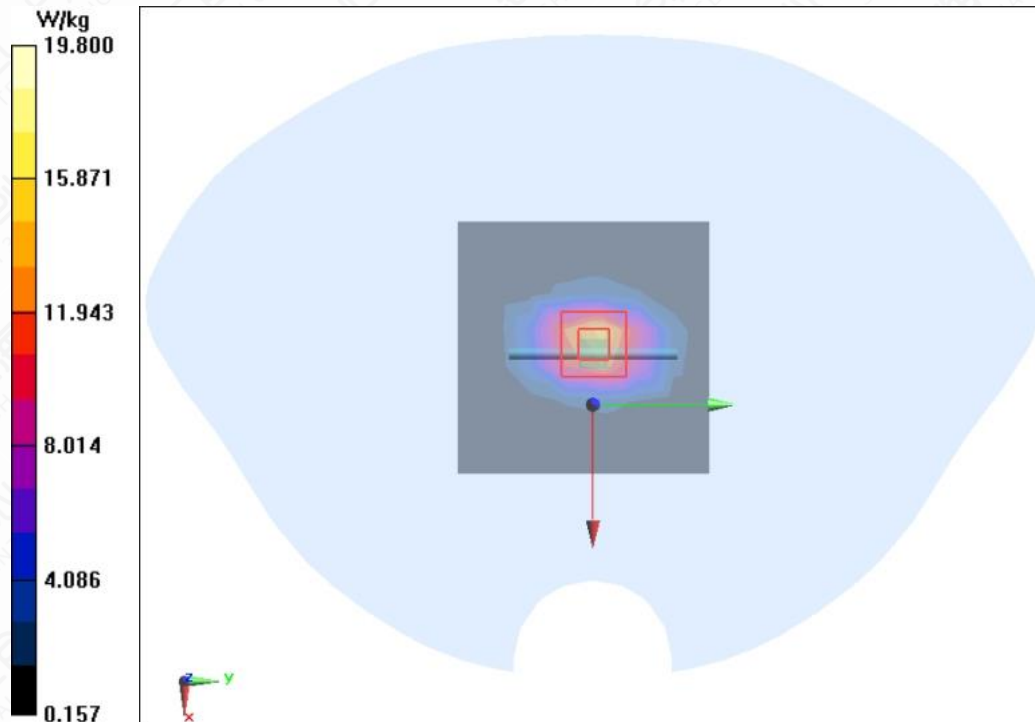


Figure A.2-9 System Check 2300MHz

System Check 2450MHz

Date/Time: 2024/8/1

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.841 \text{ S/m}$; $\epsilon_r = 38.569$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.7°C Liquid Temperature: 20.7°C

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

Probe: EX3DV4 - SN7634ConvF(8.05, 8.05, 8.05) @ 2450 MHz

System Check 2450MHz/Area Scan (8x8x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 18.0 W/kg
System Check 2450MHz/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 110.1 V/m ; Power Drift = 0.15 dB

 Peak SAR (extrapolated) = 28.0 W/kg

 SAR(1 g) = 13.4 W/kg ; SAR(10 g) = 6.22 W/kg

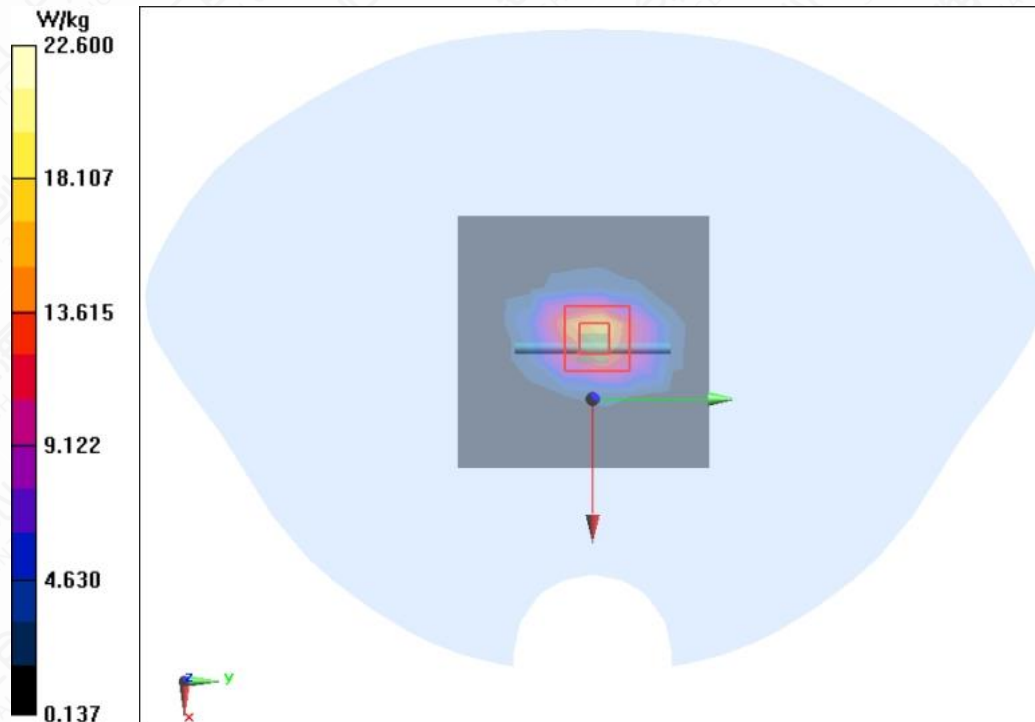
 Maximum value of SAR (measured) = 22.6 W/kg


Figure A.2-10 System Check 2450MHz

System Check 2600MHz

Date/Time: 2024/7/15

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 1.946 \text{ S/m}$; $\epsilon_r = 37.813$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.5°C Liquid Temperature: 20.4°C

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

Probe: EX3DV4 - SN7634ConvF(7.85, 7.85, 7.85) @ 2600 MHz

System Check 2600MHz/Area Scan (8x8x1):

 Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

 Maximum value of SAR (measured) = 18.7 W/kg
System Check 2600MHz/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

 Reference Value = 111.1 V/m ; Power Drift = -0.11 dB

 Peak SAR (extrapolated) = 29.8 W/kg

 SAR(1 g) = 13.9 W/kg ; SAR(10 g) = 6.25 W/kg

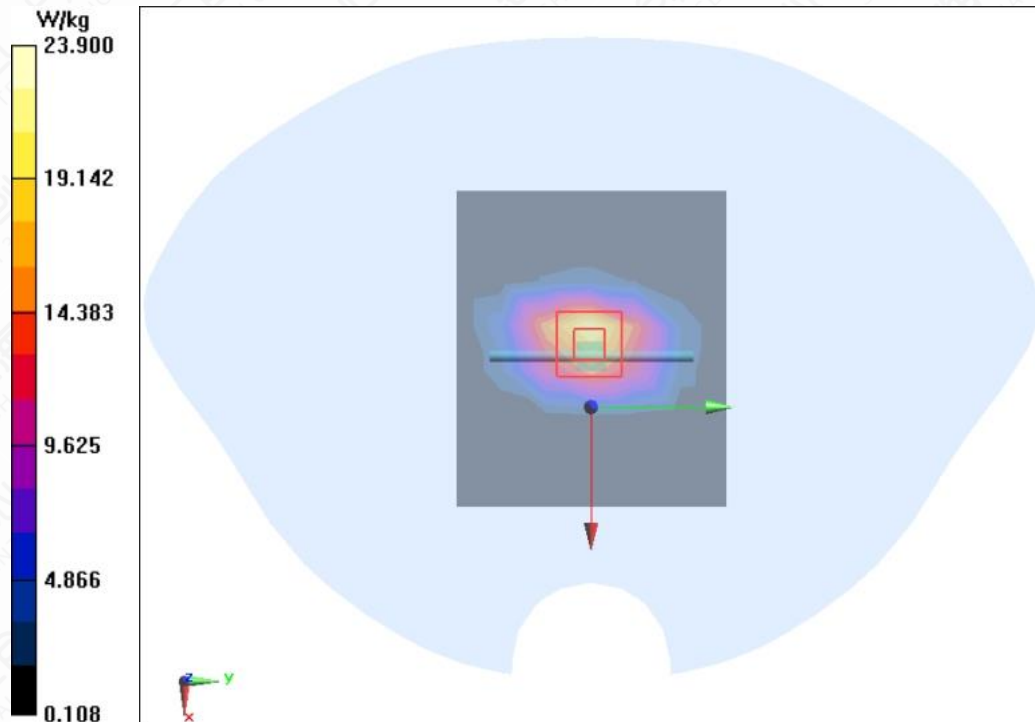
 Maximum value of SAR (measured) = 23.9 W/kg


Figure A.2-11 System Check 2600MHz

System Check 5200MHz

Date/Time: 2024/7/30

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.688 \text{ S/m}$; $\epsilon_r = 35.798$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.8°C

Communication System: CW 5GHz; Frequency: 5200 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5200 MHz

System Check 5200MHz/Area Scan (10x10x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 13.8 W/kg

System Check 5200MHz/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 69.27 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 32.3 W/kg

SAR(1 g) = 7.74 W/kg ; SAR(10 g) = 2.2 W/kg

Maximum of SAR (measured) = 19.6 W/kg

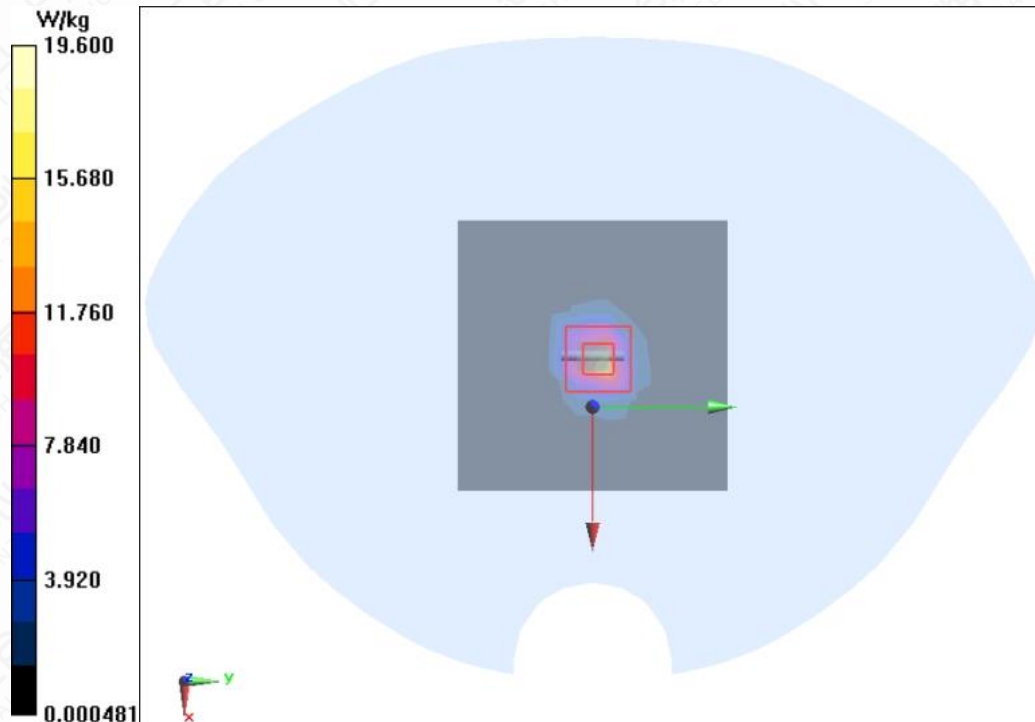


Figure A.2-12 System Check 5200MHz

System Check 5300MHz

Date/Time: 2024/7/30

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.802 \text{ S/m}$; $\epsilon_r = 35.592$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.7°C Liquid Temperature: 20.8°C

Communication System: CW 5GHz; Frequency: 5300 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.75, 5.75, 5.75) @ 5300 MHz

System Check 5300MHz/Area Scan (8x8x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 19.9 W/kg

System Check 5300MHz/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 67.39 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 33.6 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.3 W/kg

Maximum of SAR (measured) = 20.3 W/kg

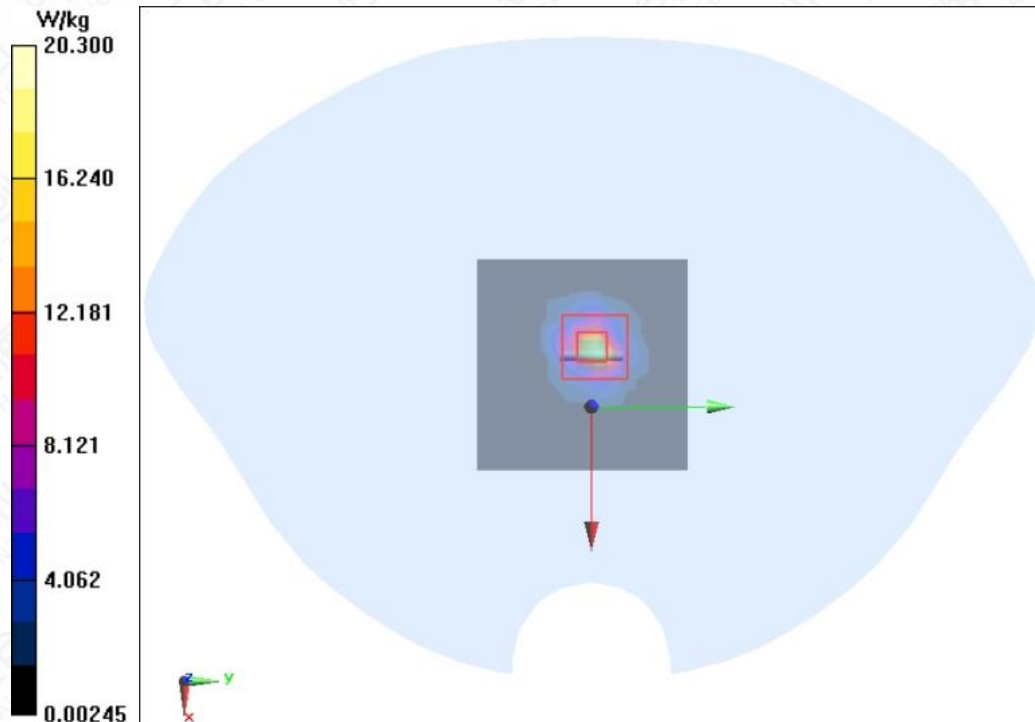


Figure A.2-13 System Check 5300MHz

System Check 5600MHz

Date/Time: 2024/7/31

Electronics: DAE4 Sn1581

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.148 \text{ S/m}$; $\epsilon_r = 34.969$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature: 21.9°C Liquid Temperature: 20.8°C

Communication System: CW 5GHz; Frequency: 5600 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.1, 5.1, 5.1) @ 5600 MHz

System Check 5600MHz/Area Scan (10x10x1):

Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 17.9 W/kg

System Check 5600MHz/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 66.33 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 37.7 W/kg

SAR(1 g) = 8.39 W/kg; SAR(10 g) = 2.37 W/kg

Maximum of SAR (measured) = 21.9 W/kg

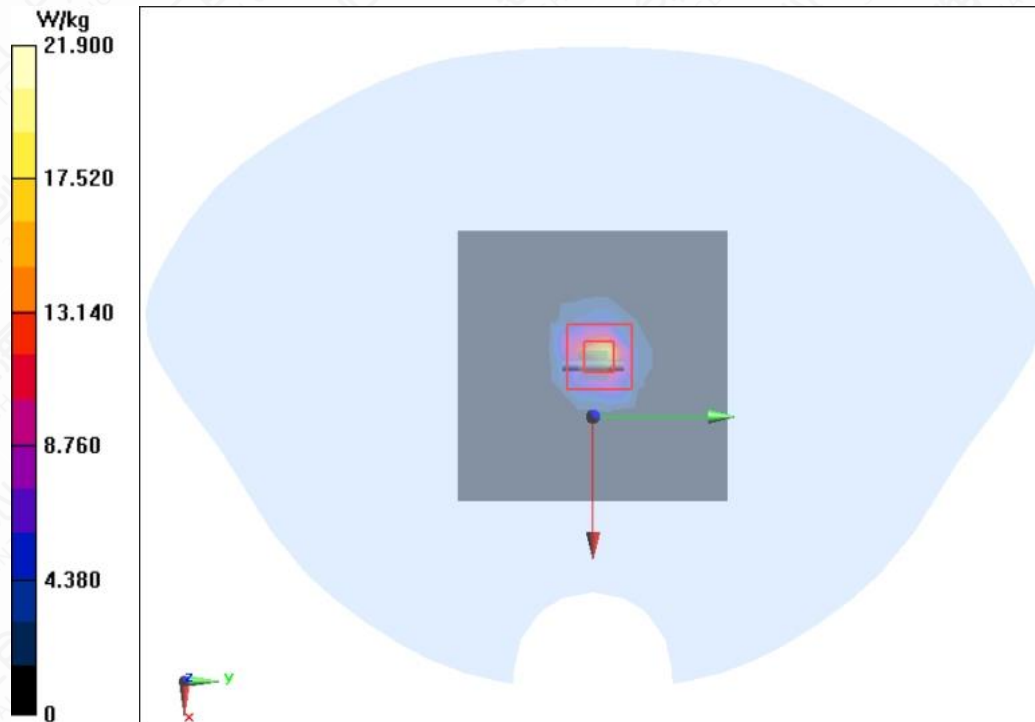


Figure A.2-14 System Check 5600MHz

System Check 5800MHz

Date/Time: 2024/7/31

Electronics: DAE4 Sn1581

 Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.386 \text{ S/m}$; $\epsilon_r = 34.562$; $\rho = 1000 \text{ kg/m}^3$

 Ambient Temperature: 21.9°C Liquid Temperature: 20.8°C

Communication System: CW 5G; Frequency: 5800 MHz; Duty Cycle: 1:1

Probe: EX3DV4 - SN7634ConvF(5.25, 5.25, 5.25) @ 5800 MHz

System Check 5800MHz/Area Scan (10x10x1):

 Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 18.6 W/kg

System Check 5800MHz/Zoom Scan (7x7x7)/Cube 0:

 Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 61.09 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 35.4 W/kg

SAR(1 g) = 7.82 W/kg; SAR(10 g) = 2.21 W/kg

Maximum of SAR (measured) = 20.5 W/kg

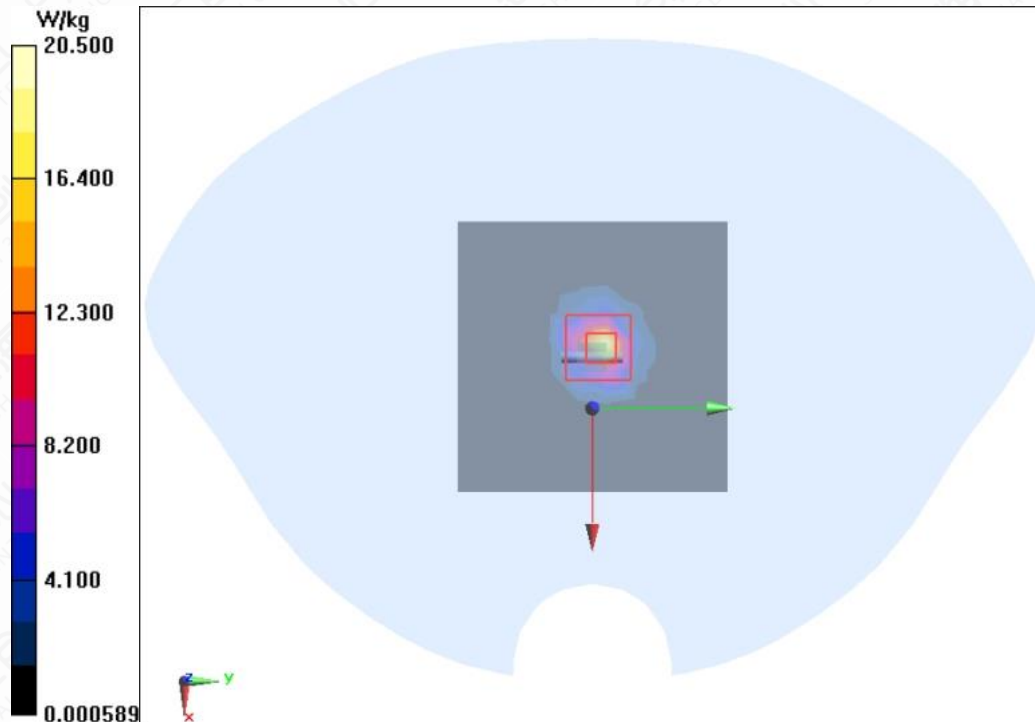


Figure A.2-15 System Check 5800MHz