

Conducted Power of LTE Band 5(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20425	20525	20625
5MHz	QPSK	1	0	0	23.66	22.80	23.48
			12	0	23.58	22.96	23.36
			24	0	23.46	23.23	23.22
		12	0	1	22.56	21.22	22.38
			6	1	22.51	21.73	22.30
			11	1	22.45	22.05	22.32
		25	0	1	22.50	21.89	22.88
	16QAM	1	0	1	22.61	21.66	22.58
			12	1	22.43	21.97	22.56
			24	1	22.40	21.99	22.47
		12	0	2	21.53	20.72	21.44
			6	2	21.53	20.63	21.43
			11	2	21.45	21.04	21.44
		25	0	2	21.56	20.83	21.27
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20450	20525	20600
10MHz	QPSK	1	0	0	23.22	22.78	23.28
			24	0	22.73	22.87	23.61
			49	0	23.16	23.54	23.47
		25	0	1	21.80	21.73	22.45
			12	1	21.78	21.74	22.37
			25	1	21.72	22.19	22.48
		50	0	1	21.78	21.95	22.35
	16QAM	1	0	1	22.07	21.69	22.20
			24	1	21.67	21.68	22.06
			49	1	22.05	22.32	22.36
		25	0	2	20.82	20.71	21.46
			12	2	20.77	20.71	21.47
			25	2	20.82	21.18	21.47
		50	0	2	20.81	20.91	21.45

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Conducted Power of LTE Band 7 (dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20775	21100	21425
5MHz	QPSK	1	0	0	22.55	22.54	21.88
			12	0	22.24	22.19	21.85
			24	0	22.39	22.53	21.49
		12	0	1	21.81	21.70	20.74
			6	1	21.73	21.77	20.99
			13	1	21.82	21.51	20.93
		25	0	1	21.77	21.53	20.92
	16QAM	1	0	1	21.68	21.78	20.61
			12	1	21.58	21.56	20.39
			24	1	21.67	21.72	20.53
		12	0	2	20.75	20.39	21.31
			6	2	20.87	20.80	21.78
			13	2	20.49	20.59	20.60
		25	0	2	20.23	20.60	21.27
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20800	21100	21400
10MHz	QPSK	1	0	0	22.91	22.55	22.10
			24	0	22.64	22.21	21.80
			49	0	23.17	22.09	21.15
		25	0	1	21.78	21.34	20.80
			12	1	21.75	21.62	20.81
			25	1	21.94	21.67	20.78
		50	0	1	21.88	21.69	20.79
	16QAM	1	0	1	22.36	21.78	21.27
			24	1	21.84	21.32	20.89
			49	1	22.24	21.45	20.62
		25	0	2	20.71	20.71	19.98
			12	2	20.71	20.74	20.92
			25	2	20.92	20.71	21.80
		50	0	2	20.82	20.66	20.84

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Conducted Power of LTE Band 7 (dBm)

Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20825	21100	21375
15MHz	QPSK	1	0	0	23.41	23.28	22.31
			37	0	23.55	23.05	22.70
			74	0	23.76	22.32	21.92
		37	0	1	22.36	22.88	21.38
			16	1	22.65	22.57	21.66
			35	1	22.90	22.51	21.33
		75	0	1	22.58	22.31	21.53
	16QAM	1	0	1	22.21	22.90	21.38
			37	1	22.63	22.57	21.74
			74	1	22.84	22.53	21.30
		37	0	2	22.33	22.92	21.44
			16	2	22.66	22.56	21.73
			35	2	22.87	22.57	21.29
		75	0	2	21.59	21.26	20.48
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20850	21100	21350
20MHz	QPSK	1	0	0	23.29	23.65	22.18
			49	0	23.69	22.92	22.48
			99	0	23.74	23.18	22.13
		50	0	1	22.41	22.33	21.41
			25	1	22.38	22.36	21.42
			49	1	22.82	22.18	21.56
		100	0	1	22.69	22.15	21.53
	16QAM	1	0	1	22.43	23.31	21.27
			49	1	22.66	22.69	21.61
			99	1	22.70	22.93	21.57
		50	0	2	21.44	21.40	20.39
			25	2	21.48	21.44	20.40
			49	2	21.76	21.23	20.61
		100	0	2	21.64	21.25	20.43

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Conducted Power of LTE Band 12(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23017	23095	23173
1.4MHz	QPSK	1	0	0	22.92	22.69	24.01
			2	0	22.73	22.62	24.10
			5	0	22.75	22.60	24.00
		3	0	0	22.80	22.68	24.01
			1	0	22.79	22.68	24.00
			2	0	22.64	22.57	23.96
		6	0	1	21.73	21.82	23.01
	16QAM	1	0	1	21.94	21.72	22.97
			2	1	21.69	21.77	23.08
			5	1	21.75	21.59	23.00
		3	0	1	21.63	21.51	22.83
			1	1	21.61	21.49	22.82
			2	1	21.54	21.40	22.90
		6	0	2	20.77	20.79	22.08
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23025	23095	23165
3MHz	QPSK	1	0	0	22.86	22.87	22.87
			7	0	22.80	22.76	22.93
			14	0	22.80	22.84	22.81
		8	0	1	21.83	21.77	21.79
			4	1	21.85	21.79	21.80
			7	1	21.91	21.75	21.81
		15	0	1	21.87	21.84	21.85
	16QAM	1	0	1	21.78	21.39	21.71
			7	1	21.88	21.63	21.86
			14	1	21.87	21.52	21.44
		8	0	2	20.87	20.41	20.83
			4	2	20.80	20.75	20.84
			7	2	20.90	20.69	20.25
		15	0	2	20.38	20.28	20.61

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Conducted Power of LTE Band 12(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23035	23095	23155
5MHz	QPSK	1	0	0	22.97	22.92	22.54
			12	0	22.93	22.89	22.39
			24	0	22.82	22.75	22.37
		12	0	1	21.44	21.88	21.86
			6	1	21.92	21.87	21.87
			13	1	21.90	21.83	21.85
		25	0	1	21.87	21.89	21.86
	16QAM	1	0	1	21.81	21.87	21.85
			12	1	21.79	21.75	21.79
			24	1	21.88	21.81	21.85
		12	0	2	20.91	20.91	20.91
			6	2	20.89	20.91	20.93
			13	2	20.87	20.88	20.86
		25	0	2	20.87	20.83	20.93
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23060	23095	23130
10MHz	QPSK	1	0	0	23.06	23.12	23.13
			25	0	22.77	22.78	22.77
			49	0	22.89	22.87	22.86
		25	0	1	22.02	21.99	21.94
			13	1	22.03	21.89	21.10
			25	1	21.91	21.88	21.81
		50	0	1	21.89	21.78	21.82
	16QAM	1	0	1	22.14	22.06	21.35
			25	1	21.85	21.55	21.59
			49	1	21.96	21.71	21.55
		25	0	2	21.93	20.91	20.69
			13	2	20.94	20.32	20.79
			25	2	20.89	20.91	20.38
		50	0	2	20.88	20.71	20.91

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Conducted Power of LTE Band 17(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23755	23790	23825
5MHz	QPSK	1	0	0	23.17	22.41	22.67
			12	0	23.01	22.45	22.77
			24	0	22.20	21.46	21.69
		12	0	1	22.30	22.78	22.04
			6	1	22.47	22.83	22.04
			13	1	22.36	22.79	22.01
		25	0	1	22.40	22.69	21.74
	16QAM	1	0	1	21.84	22.16	22.11
			12	1	21.88	22.01	22.13
			24	1	22.28	22.00	22.03
		12	0	2	21.11	21.08	21.15
			6	2	21.11	21.08	21.14
			13	2	21.14	21.05	21.09
		25	0	2	21.00	21.05	21.04
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					23780	23790	23800
10MHz	QPSK	1	0	0	23.41	23.37	23.40
			24	0	23.25	23.02	23.02
			49	0	23.36	23.11	23.11
		25	0	1	22.29	22.22	22.17
			12	1	22.27	22.18	22.15
			25	1	22.08	22.08	22.10
		50	0	1	22.17	22.15	22.06
	16QAM	1	0	1	22.37	22.31	22.58
			24	1	22.19	21.87	21.80
			49	1	22.31	22.31	21.47
		25	0	2	21.22	21.19	21.52
			12	2	21.25	21.24	21.23
			25	2	21.05	21.20	21.41
		50	0	2	21.14	21.01	21.22

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The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS36.101 specification.

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3.3-1 of the 3GPP TS36.101.

Table 6.2.3.3-1 Maximum Power Reduction (MPR) for Power class3

Modulation	Maximum Power Reduction (MPR) for Power[RB]						MPR(dB)
	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2

The allowed A-MPR values specified below in Table 6.2.4.3-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS_01".3

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Table 6.2.4.3-1: Additional Maximum Power Reduction (A-MPR) / Spectrum Emission requirements

Network Signaling value	Requirements (sub-clause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.2-1	1.4,3,5,10,15,20	Table 5.4.2-1	N/A
NS_03	6.6.2.2.3.1	2,4,10, 23, 25,35,36	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.3.2	41	5	>6	≤ 1
			10, 15, 20	Table 6.2.4.3-4	
NS_05	6.6.3.3.3.1	1	10,15,20	≥ 50	≤ 1
NS_06	6.6.2.2.3.3	12, 13, 14, 17	1.4, 3, 5, 10	Table 5.4.2-1	N/A
NS_07	6.6.2.2.3.3 6.6.3.3.3.2	13	10	Table 6.2.4.3-2	Table 6.2.4.3-2
NS_08	6.6.3.3.3.3	19	10, 15	> 44	≤ 3
NS_09	6.6.3.3.3.4	21	10, 15	> 40	≤ 1
				> 55	≤ 2
NS_10		20	15, 20	Table 6.2.4.3-3	Table 6.2.4.3-3
NS_11	6.6.2.2.1 6.6.3.3.13	231	1.4, 3, 5, 10,15,20	Table 6.2.4.3-5	Table 6.2.4.3-5
NS_12	6.6.3.3.5	26	1.4, 3, 5	Table 6.2.4.3-6	Table 6.2.4.3-6
NS_13	6.6.3.3.6	26	5	Table 6.2.4.3-7	Table 6.2.4.3-7
NS_14	6.6.3.3.7	26	10, 15	Table 6.2.4.3-8	Table 6.2.4.3-8
NS_15	6.6.3.3.8	26	1.4, 3, 5, 10, 15	Table 6.2.4.3-9 Table 6.2.4.3-10	Table 6.2.4.3-9, Table 6.2.4.3-10
NS_16	6.6.3.3.9	27	3, 5, 10	Table 6.2.4.3-11, Table 6.2.4.3-12, Table 6.2.4.3-13	
NS_17	6.6.3.3.10	28	5, 10	Table 5.4.2-1	N/A
	6.6.3.3.11	28	5	≥ 2	≤ 1
NS_18			10, 15, 20	≥ 1	≤ 4
NS_19			10, 15, 20	Table 6.2.4.3-15	Table 6.2.4.3-15
NS_20			5, 10, 15, 20	Table 6.2.4.3-14	Table 6.2.4.3-14
...					
NS_20	-	-	-	-	-

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WIFI

Mode	Data Rate (Mbps)	Channel	Frequency(MHz)	Avg. Burst Power(dBm)
802.11b	1	01	2412	13.41
		06	2437	14.05
		11	2462	12.55
802.11g	6	01	2412	12.33
		06	2437	12.73
		11	2462	11.34
802.11n(20)	6.5	01	2412	12.25
		06	2437	12.51
		11	2462	11.12

Bluetooth_V4.2(BR/EDR)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK	0	2402	3.785
	39	2441	4.591
	78	2480	3.896
$\pi/4$ -DQPSK	0	2402	3.698
	39	2441	4.498
	78	2480	3.801
8-DPSK	0	2402	4.099
	39	2441	4.954
	78	2480	4.252

Bluetooth_V4.2(BLE)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK 1M	0	2402	-2.512
	19	2440	-0.396
	39	2480	-1.249

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5GHz WIFI

Mode	channel	Frequency	Power(dBm)							
			Data Rate(bps)							
			6M	9M	12M	18M	24M	36M	48M	54M
802.11a	36	5180	14.62	14.45	14.40	14.32	14.16	14.07	13.97	13.86
	40	5200	14.99	14.87	14.73	14.68	14.56	14.47	14.35	14.26
	44	5220	14.65	14.54	14.37	14.35	14.23	14.08	13.94	13.90
	48	5240	14.51	14.31	14.24	14.14	14.07	13.98	13.82	13.74
	149	5745	14.81	14.72	14.58	14.42	14.37	14.26	14.16	14.09
	157	5785	15.70	15.66	15.48	15.36	15.24	15.18	15.05	14.96
	165	5825	14.24	14.05	14.00	13.95	13.77	13.65	13.53	13.48
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11n (20)	36	5180	14.85	14.70	14.67	14.58	14.39	14.36	14.18	14.09
	40	5200	14.12	13.99	13.85	13.85	13.69	13.65	13.43	13.35
	44	5220	13.79	13.69	13.52	13.44	13.37	13.27	13.11	13.02
	48	5240	13.69	13.57	13.48	13.31	13.25	13.14	13.06	12.98
	149	5745	13.91	13.82	13.65	13.55	13.47	13.32	13.24	13.15
	157	5785	14.72	14.62	14.50	14.32	14.26	14.21	14.04	13.94
	165	5825	13.12	12.96	12.88	12.76	12.65	12.55	12.47	12.31
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11n (40)	38	5190	13.70	13.55	13.48	13.35	13.24	13.17	13.03	12.97
	46	5230	13.73	13.60	13.47	13.44	13.30	13.24	13.04	13.04
	151	5755	15.37	15.27	15.09	15.02	14.95	14.86	14.69	14.68
	159	5795	15.64	15.52	15.37	15.30	15.20	15.11	15.01	14.89
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (20)	36	5180	11.70	11.55	11.48	11.39	11.28	11.16	11.05	10.94
	40	5200	11.93	11.80	11.67	11.61	11.55	11.47	11.22	11.20
	44	5220	11.74	11.64	11.46	11.39	11.34	11.14	11.01	10.99
	48	5240	11.63	11.51	11.36	11.29	11.11	11.15	11.04	10.86
	149	5745	12.65	12.56	12.42	12.29	12.27	12.19	11.98	11.93
	157	5785	13.41	13.31	13.19	13.04	12.92	12.85	12.72	12.67
	165	5825	12.17	12.01	11.93	11.84	11.76	11.51	11.56	11.41
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (40)	38	5190	14.09	13.92	13.87	13.72	13.63	13.54	13.42	13.33
	46	5230	14.14	14.08	13.88	13.85	13.71	13.62	13.45	13.41
	151	5755	11.66	11.54	11.38	11.34	11.24	11.09	10.98	10.91
	159	5795	11.91	11.76	11.64	11.56	11.47	11.38	11.28	11.14
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (80)	42	5210	12.35	12.20	12.12	12.04	11.89	11.84	11.68	11.59
	155	5775	13.36	13.23	13.15	13.04	12.93	12.85	12.67	12.63

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13. TEST RESULTS

13.1. SAR Test Results Summary

13.1.1. Test position and configuration

Body-worn and 4 Edges SAR was performed with the device 5mm from the phantom.

13.1.2. Operation Mode

1. Per KDB 447498 D01 v06 ,for each exposure position, if the highest 1-g SAR is ≤ 0.8 W/kg, testing for low and high channel is optional.
2. Per KDB 865664 D01 v01r04,for each frequency band, if the measured SAR is ≥ 0.8 W/kg, testing for repeated SAR measurement is required , that the highest measured SAR is only to be tested. When the SAR results are near the limit, the following procedures are required for each device to verify these types of SAR measurement related variation concerns by repeating the highest measured SAR configuration in each frequency band.
 - (1) When the original highest measured SAR is ≥ 0.8 W/kg, repeat that measurement once.
 - (2) 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.
 - (3) Perform a third repeated measurement only if the original, first and second repeated measurement is ≥ 1.5 W/kg and ratio of largest to smallest SAR for the original, first and second measurement is ≥ 1.20 .
3. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call mode is selected to be test.
4. Per KDB 648474 D04 v01r03,when the reported SAR for a body-worn accessory measured without a headset connected to the handset is ≤ 1.2 W/kg, SAR testing with a headset connected is not required.
5. Per KDB 248227 D01v02r02,for 2.4GHz 802.11g/n SAR testing is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.
6. Per KDB 941225 D06 V02r01, When the same wireless mode transmission configurations for voice and data are required for SAR measurements, the more conservative configuration with a smaller separation distance should be tested for the overlapping SAR configurations.
7. Maximum Scaling SAR in order to calculate the Maximum SAR values to test under the standard Peak Power, Calculation method is as follows:
Maximum Scaling SAR =tested SAR (Max.) $\times$ [maximum turn-up power (mw)/ maximum measurement output power(mw)]
8. Proximity sensor, just for avoiding the wrong operation in the phone screen when call, and has no influence on output power or SAR result
9. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1RB allocation using the RB offset and required test channel combination with highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
10. Per KDB 941125 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
11. Per KDB 941125 D05v02r05. For QPSK with 100% RB allocation. SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1RB allocation and the highest reported SAR is >1.45 W/kg, the remaining required test channels must also be tested.

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12. Per KDB 941125 D05v02r05. 16QAM output power for each RB allocation configuration is not 1/2 dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is $\leq 1.45\text{W/kg}$, Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
13. Per KDB 941125 D05v02r05. Smaller bandwidth output power for each RB allocation configuration is >not 1/2 dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is $\leq 1.45\text{W/kg}$. Per KDB 941125 D05v02r03, smaller bandwidth SAR testing is not required.

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13.1.3. Test Result

SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 54.2					
Product: Brama L V2									
Test Mode: GSM850 with GMSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
SIM 1 Card									
Body back	voice	190	836.6	0.12	0.478	31.30	31.23	0.486	1.6
Body front	voice	190	836.6	0.02	0.552	31.30	31.23	0.561	1.6
Body back	GPRS-2 slot	190	836.6	-0.10	0.555	31.20	30.22	0.695	1.6
Body front	GPRS-2 slot	190	836.6	-0.09	0.587	31.20	30.22	0.736	1.6
Edge 1 (Top)	GPRS-2 slot	190	836.6	-0.13	0.046	31.20	30.22	0.058	1.6
Edge 2(Right)	GPRS-2 slot	190	836.6	0.13	0.489	31.20	30.22	0.613	1.6
Edge 3(Bottom)	GPRS-2 slot	190	836.6	-0.13	0.149	31.20	30.22	0.187	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 56.4					
Product: Brama L V2									
Test Mode: PCS1900 with GMSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
SIM 1 Card									
Body back	voice	661	1880.0	-0.08	0.556	28.70	28.60	0.569	1.6
Body front	voice	661	1880.0	-0.01	0.371	28.70	28.60	0.380	1.6
Body back	GPRS-3 slot	512	1850.2	-0.15	0.778	24.80	24.58	0.818	1.6
Body back	GPRS-3 slot	661	1880.0	-0.12	0.816	24.80	24.78	0.820	1.6
Body back	GPRS-3 slot	810	1909.8	-0.14	0.784	24.80	24.55	0.830	1.6
Body front	GPRS-3 slot	661	1880.0	-0.02	0.545	24.80	24.78	0.548	1.6
Edge 1 (Top)	GPRS-3 slot	661	1880.0	0.12	0.187	24.80	24.78	0.188	1.6
Edge 2(Right)	GPRS-3 slot	661	1880.0	-0.15	0.066	24.80	24.78	0.066	1.6
Edge 3(Bottom)	GPRS-3 slot	661	1880.0	-0.17	0.502	24.80	24.78	0.504	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 56.4				
Product: Brama L V2									
Test Mode: WCDMA Band II with QPSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Body back	RMC 12.2kbps	9262	1852.4	-0.12	0.787	22.10	21.98	0.809	1.6
Body back	RMC 12.2kbps	9400	1880	-0.17	0.892	22.10	22.09	0.894	1.6
Body back	RMC 12.2kbps	9538	1907.6	-0.07	0.811	22.10	21.96	0.838	1.6
Body front	RMC 12.2kbps	9400	1880	0.06	0.461	22.10	22.09	0.462	1.6
Edge 1 (Top)	RMC 12.2kbps	9400	1880	-0.16	0.206	22.10	22.09	0.206	1.6
Edge 2(Right)	RMC 12.2kbps	9400	1880	-0.09	0.067	22.10	22.09	0.067	1.6
Edge 3(Bottom)	RMC 12.2kbps	9400	1880	0.16	0.586	22.10	22.09	0.587	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 53.9					
Product: Brama L V2									
Test Mode: WCDMA Band IV with QPSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Body back	RMC 12.2kbps	8662	1732.4	0.09	0.625	23.70	23.03	0.729	1.6
Body front	RMC 12.2kbps	8662	1732.4	0.11	0.609	23.70	23.03	0.711	1.6
Edge 1 (Top)	RMC 12.2kbps	8662	1732.4	0.11	0.055	23.70	23.03	0.064	1.6
Edge 2(Right)	RMC 12.2kbps	8662	1732.4	-0.12	0.090	23.70	23.03	0.105	1.6
Edge 3(Bottom)	RMC 12.2kbps	8662	1732.4	-0.16	0.225	23.70	23.03	0.263	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 54.2				
Product: Brama L V2									
Test Mode: WCDMA Band V with QPSK modulation									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Body back	RMC 12.2kbps	4132	826.4	-0.15	1.160	23.00	22.91	1.184	1.6
Body back	RMC 12.2kbps	4183	836.6	-0.03	1.020	23.10	23.07	1.027	1.6
Body back	RMC 12.2kbps	4233	846.6	0.01	1.000	23.10	23.06	1.009	1.6
Body front	RMC 12.2kbps	4132	826.4	0.07	0.935	23.00	22.91	0.955	1.6
Body front	RMC 12.2kbps	4183	836.6	0.05	0.972	23.10	23.07	0.979	1.6
Body front	RMC 12.2kbps	4233	846.6	0.07	0.941	23.10	23.06	0.950	1.6
Edge 1 (Top)	RMC 12.2kbps	4183	836.6	0.18	0.086	23.10	23.07	0.087	1.6
Edge 2(Right)	RMC 12.2kbps	4183	836.6	-0.11	0.468	23.10	23.07	0.471	1.6
Edge 3(Bottom)	RMC 12.2kbps	4183	836.6	0.12	0.400	23.10	23.07	0.403	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 56.4						
Product: Brama L V2												
Test Mode: LTE Band 2												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB Allocation								
20	QPSK	Body back	1	0	18900	1880	0.13	0.580	23.10	22.86	0.613	1.6
		Body front	1	0	18900	1880	-0.12	0.579	23.10	22.86	0.612	1.6
		Edge 1 (Top)	1	0	18900	1880	0.13	0.103	23.10	22.86	0.109	1.6
		Edge 2(Right)	1	0	18900	1880	-0.17	0.069	23.10	22.86	0.073	1.6
		Edge 3(Bottom)	1	0	18900	1880	0.15	0.464	23.10	22.86	0.490	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 53.9						
Product: Brama L V2												
Test Mode: LTE Band 4												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
20	QPSK	Body back	1	0	20050	1720	-0.18	0.992	23.10	23.08	0.997	1.6
		Body back	1	0	20175	1732.5	-0.07	1.070	22.30	22.01	1.144	1.6
		Body back	1	0	20300	1745	0.02	0.917	22.30	22.26	0.925	1.6
		Body front	1	0	20175	1732.5	0.13	0.723	22.30	22.01	0.773	1.6
		Edge 1 (Top)	1	0	20175	1732.5	-0.12	0.022	22.30	22.01	0.024	1.6
		Edge 2(Right)	1	0	20175	1732.5	-0.05	0.057	22.30	22.01	0.061	1.6
		Edge 3(Bottom)	1	0	20175	1732.5	-0.11	0.346	22.30	22.01	0.370	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%): 54.2							
Product: Brama L V2												
Test Mode: LTE Band 5												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocati on	UL RB START								
10	QPSK	Body back	1	0	20525	836.5	-0.09	0.672	22.80	22.78	0.675	1.6
		Body front	1	0	20525	836.5	-0.02	0.589	22.80	22.78	0.592	1.6
		Edge 1 (Top)	1	0	20525	836.5	0.13	0.024	22.80	22.78	0.024	1.6
		Edge 2(Right)	1	0	20525	836.5	-0.04	0.357	22.80	22.78	0.359	1.6
		Edge 3(Bottom)	1	0	20525	836.5	0.17	0.062	22.80	22.78	0.062	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 43.5						
Product: Brama L V2												
Test Mode: LTE Band 7												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
20	QPSK	Body back	1	0	20850	2510	-0.11	0.883	23.30	23.29	0.885	1.6
		Body back	1	0	21100	2535	-0.10	1.040	23.70	23.65	1.052	1.6
		Body back	1	0	21350	2560	-0.13	0.965	22.20	22.18	0.969	1.6
		Body front	1	0	21100	2535	0.18	0.618	23.70	23.65	0.625	1.6
		Edge 1 (Top)	1	0	21100	2535	-0.09	0.022	23.70	23.65	0.022	1.6
		Edge 2(Right)	1	0	21100	2535	-0.10	0.151	23.70	23.65	0.153	1.6
		Edge 3(Bottom)	1	0	21100	2535	0.09	0.421	23.70	23.65	0.426	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%): 56.1							
Product: Brama L V2												
Test Mode: LTE Band 12												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
10	QPSK	Body back	1	0	23095	707.5	-0.10	0.559	23.20	23.12	0.569	1.6
		Body front	1	0	23095	707.5	-0.17	0.565	23.20	23.12	0.576	1.6
		Edge 1 (Top)	1	0	23095	707.5	-0.16	0.022	23.20	23.12	0.022	1.6
		Edge 2(Right)	1	0	23095	707.5	0.09	0.245	23.20	23.12	0.250	1.6
		Edge 3(Bottom)	1	0	23095	707.5	0.15	0.108	23.20	23.12	0.110	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%): 56.1							
Product: Brama L V2												
Test Mode: LTE Band 17												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tuneup Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
10	QPSK	Body back	1	0	23790	710	0.08	0.691	23.50	23.37	0.712	1.6
		Body front	1	0	23790	710	-0.09	0.588	23.50	23.37	0.606	1.6
		Edge 1 (Top)	1	0	23790	710	0.13	0.034	23.50	23.37	0.035	1.6
		Edge 2(Right)	1	0	23790	710	0.17	0.244	23.50	23.37	0.251	1.6
		Edge 3(Bottom)	1	0	23790	710	0.14	0.191	23.50	23.37	0.197	1.6

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 45.8					
Product: Brama L V2									
Test Mode:802.11b									
Position	Mode	Ch.	Fr. (MHz)	Power Drift (<±0.2 dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Body back	DTS	6	2437	0.03	0.164	14.10	14.05	0.166	1.6
Body front	DTS	6	2437	-0.09	0.115	14.10	14.05	0.116	1.6
Edge 3(Bottom)	DTS	6	2437	0.12	0.052	14.10	14.05	0.053	1.6
Edge 4(Left)	DTS	6	2437	0.08	0.052	14.10	14.05	0.053	1.6

Note:

- According to KDB248227, SAR is not required for 802.11n HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11a/b channels.
- All of above "DTS" means data transmitters.
- The test separation for body back, body front and 4 Edges is 5mm of all above table.

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SAR MEASUREMENT								
Depth of Liquid (cm):>15					Relative Humidity (%): 45.3			
Product: Brama L V2								
Test Mode: 5.2GHz WIFI (802.11a)								
Position	Ch.	Fr. (MHz)	Power Drift (<±0.2dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Body back	36	5180	0.17	0.253	15.00	14.62	0.276	1.6
Body back	40	5200	-0.00	0.301	15.00	14.99	0.302	1.6
Body back	48	5240	0.19	0.350	15.00	14.51	0.392	1.6
Body front	40	5200	0.09	0.082	15.00	14.99	0.082	1.6
Edge 3(Bottom)	40	5200	0.10	0.043	15.00	14.99	0.043	1.6
Edge 4(Left)	40	5200	0.09	0.220	15.00	14.99	0.221	1.6

Note:

1. When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB447498.
2. The test separation for body back, body front and 4 Edges is 5mm of all above table.

SAR MEASUREMENT								
Depth of Liquid (cm):>15						Relative Humidity (%): 46.9		
Product: Brama L V2								
Test Mode: 5.8GHz WIFI (802.11a)								
Position	Ch.	Fr. (MHz)	Power Drift (<±0.2dB)	SAR (1g) (W/kg)	Max. Tune-up Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
Body back	149	5745	0.18	0.358	14.90	14.81	0.365	1.6
Body back	157	5785	0.16	0.325	15.70	15.70	0.325	1.6
Body back	165	5825	0.14	0.256	14.90	14.24	0.298	1.6
Body front	157	5785	0.04	0.077	15.70	15.70	0.077	1.6
Edge 3(Bottom)	157	5785	0.09	0.069	15.70	15.70	0.069	1.6
Edge 4(Left)	157	5785	-0.09	0.200	15.70	15.70	0.200	1.6

Note:

1. When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB447498.
2. The test separation for body back, body front and 4 Edges is 5mm of all above table.

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Repeated SAR											
Product: Brama L V2											
Test Mode: PCS1900&WCDMA Band II& WCDMA Band V <E Band 4& LTE Band 7											
Position	Mode		Ch.	Fr. (MHz)	Power Drift (<±5%)	Once SAR (1g) (W/kg)	Power Drift (<±5%)	Twice SAR (1g) (W/kg)	Power Drift (<±5%)	Third SAR (1g) (W/kg)	Limit W/kg
Body back	GPRS-3 slot		661	1880.0	-0.12	0.815	--	--	--	--	1.6
Body back	RMC 12.2kbps		9400	1880	-0.18	0.889	--	--	--	--	1.6
Body back	RMC 12.2kbps		4132	826.4	-0.13	1.150	--	--	--	--	1.6
Position	Mode		Ch.	Fr. (MHz)	Power Drift (<±5%)	Once SAR (1g) (W/kg)	Power Drift (<±5%)	Twice SAR (1g) (W/kg)	Power Drift (<±5%)	Third SAR (1g) (W/kg)	Limit W/kg
	UL RB Allocation	UL RB START									
Body back	1	0	20175	1732.5	0.10	1.060	--	--	--	--	1.6
Body back	1	0	21100	2535	0.13	0.893	--	--	--	--	1.6

The second repeated SAR judge reference									
Product: Brama L V2									
Band	Position	Mode		Ch.	Fr. (MHz)	Original SAR (1g) (W/kg)	First SAR (1g) (W/kg)	Ratio	Limit
PCS1900	Body back	GPRS-3 slot		661	1880.0	0.816	0.815	1.001	<1.2
WCDMA Band II	Body back	RMC 12.2kbps		9400	1880	0.892	0.889	1.003	<1.2
WCDMA Band V	Body back	RMC 12.2kbps		4132	826.4	1.160	1.150	1.009	<1.2
Band	Position	Mode		Ch.	Fr. (MHz)	Original SAR (1g) (W/kg)	First SAR (1g) (W/kg)	Ratio	Limit
		UL RB Allocation	UL RB START						
LTE Band 4	Body back	1	0	20175	1732.5	1.070	1.060	1.009	<1.2
LTE Band 7	Body back	1	0	21100	2535	1.040	0.893	1.165	<1.2

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Simultaneous Multi-band Transmission Evaluation:

Application Simultaneous Transmission information:

NO	Simultaneous state	Portable Handset	
		Body-worn	Hotspot
1	GSM(voice)+ WLAN 2.4GHz&5GHz (data)	Yes	-
2	GSM(voice)+ Bluetooth(data)	Yes	-
3	GSM (Data) + WLAN 2.4GHz &5GHz (data)	Yes	Yes
4	GSM (Data) + Bluetooth(data)	Yes	Yes
5	WCDMA+ WLAN 2.4GHz &5GHz (data)	Yes	Yes
6	WCDMA+ Bluetooth(data)	Yes	Yes
7	LTE + WLAN 2.4GHz&5GHz (data)	Yes	Yes
8	LTE + Bluetooth(data)	Yes	Yes

NOTE:

1. WIFI and BT share the same antenna, and cannot transmit simultaneously.
2. Simultaneous with every transmitter must be the same test position.
3. KDB 447498 D01, BT SAR is excluded as below table.
4. KDB 447498 D01, for handsets the test separation distance is determined by the smallest distance between the outer surface of the device and the user; which is 5mm for body-worn SAR.
5. According to KDB 447498 D01 4.3.1, Standalone SAR test exclusion is as follow:

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR³⁰, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation³¹
- The result is rounded to one decimal place for comparison
- The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

6. If the test separation distance is < 5 mm, 5mm is used for excluded SAR calculation.
7. According to KDB 447498 D01 4.3.2, simultaneous transmission SAR test exclusion is as follow:
 - (1) Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.
 - (2) Any transmitters and antennas should be considered when calculating simultaneous mode.
 - (3) For mobile phone and PC, it's the sum of all transmitters and antennas at the same mode with same position in each applicable exposure condition
 - (4) When the standalone SAR test exclusion of section 4.3.2 is applied to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to the following to det

$(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f(\text{GHz})} / x] \text{ W/kg}$ for test separation distances ≤ 50 mm;
where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.

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8. When the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR to peak location separation ratio. The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion. The ratio is determined by $(SAR_1 + SAR_2)1.5/R_i$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

Estimated SAR		Max Power including Tune-up Tolerance		Separation Distance (mm)	Estimated SAR (W/kg)
		dBm	mW		
BT	Body	5	3.16	5	0.132

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Sum of the SAR for GSM 850 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn (voice)	Rear	0.486	0.166		0.652	No
		0.486		0.132	0.618	No
	Front	0.561	0.116		0.677	No
		0.561		0.132	0.693	No
Body-worn (Data)	Rear	0.695		0.132	0.827	No
		0.695	0.166		0.861	No
	Front	0.736		0.132	0.868	No
		0.736	0.116		0.852	No
	Edge 3	0.187	0.053		0.240	No
	Edge 3	0.187		0.132	0.319	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for GSM 1900 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		PCS 1900	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn (voice)	Rear	0.569	0.166		0.735	No
		0.569		0.132	0.701	No
	Front	0.380	0.116		0.496	No
		0.380		0.132	0.512	No
Body-worn (Data)	Rear	0.830		0.132	0.962	No
		0.830	0.166		0.996	No
	Front	0.548		0.132	0.680	No
		0.548	0.116		0.664	No
	Edge 3	0.504	0.053		0.557	No
	Edge 3	0.504		0.132	0.636	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for WCDMA Band II & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band II	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.894	0.166		1.060	No
	Front	0.462	0.116		0.578	No
	Edge 3	0.587	0.053		0.640	No
	Rear	0.894		0.132	1.026	No
	Front	0.462		0.132	0.594	No
	Edge 3	0.587		0.132	0.719	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for WCDMA Band IV & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band IV	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.729	0.166		0.895	No
	Front	0.711	0.116		0.827	No
	Edge 3	0.263	0.053		0.316	No
	Rear	0.729		0.132	0.861	No
	Front	0.711		0.132	0.843	No
	Edge 3	0.263		0.132	0.395	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for WCDMA Band V & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band V	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.184	0.166		1.350	No
	Front	0.979	0.116		1.095	No
	Edge 3	0.403	0.053		0.456	No
	Rear	1.184		0.132	1.316	No
	Front	0.979		0.132	1.111	No
	Edge 3	0.403		0.132	0.535	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for LTE Band 2 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.613	0.166		0.779	No
	Front	0.612	0.116		0.728	No
	Edge 3	0.490	0.053		0.543	No
	Rear	0.613		0.132	0.745	No
	Front	0.612		0.132	0.744	No
	Edge 3	0.490		0.132	0.622	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for LTE Band 4 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.144	0.166		1.310	No
	Front	0.773	0.116		0.889	No
	Edge 3	0.370	0.053		0.423	No
	Rear	1.144		0.132	1.276	No
	Front	0.773		0.132	0.905	No
	Edge 3	0.370		0.132	0.502	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Sum of the SAR for LTE Band 5 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.675	0.166		0.841	No
	Front	0.592	0.116		0.708	No
	Edge 3	0.062	0.053		0.115	No
	Rear	0.675		0.132	0.807	No
	Front	0.592		0.132	0.724	No
	Edge 3	0.062		0.132	0.194	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

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Sum of the SAR for LTE Band 7 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.052	0.166		1.218	No
	Front	0.625	0.116		0.741	No
	Edge 3	0.426	0.053		0.479	No
	Rear	1.052		0.132	1.184	No
	Front	0.625		0.132	0.757	No
	Edge 3	0.426		0.132	0.558	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for LTE Band 12 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.569	0.166		0.735	No
	Front	0.576	0.116		0.692	No
	Edge 3	0.110	0.053		0.163	No
	Rear	0.569		0.132	0.701	No
	Front	0.576		0.132	0.708	No
	Edge 3	0.110		0.132	0.242	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for LTE Band 17 & 2.4GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 17	2.4GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.712	0.166		0.878	No
	Front	0.606	0.116		0.722	No
	Edge 3	0.197	0.053		0.250	No
	Rear	0.712		0.132	0.844	No
	Front	0.606		0.132	0.738	No
	Edge 3	0.197		0.132	0.329	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for GSM 850 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn (voice)	Rear	0.486	0.392		0.878	No
		0.486		0.132	0.618	No
	Front	0.561	0.082		0.643	No
		0.561		0.132	0.693	No
Body-worn (Data)	Rear	0.695		0.132	0.827	No
		0.695	0.392		1.087	No
	Front	0.736		0.132	0.868	No
		0.736	0.082		0.818	No
	Edge 3	0.187	0.043		0.230	No
	Edge 3	0.187		0.132	0.319	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for GSM 1900 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		PCS 1900	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn (voice)	Rear	0.569	0.392		0.961	No
		0.569		0.132	0.701	No
	Front	0.380	0.082		0.462	No
		0.380		0.132	0.512	No
Body-worn (Data)	Rear	0.830		0.132	0.962	No
		0.830	0.392		1.222	No
	Front	0.548		0.132	0.680	No
		0.548	0.082		0.630	No
	Edge 3	0.504	0.043		0.547	No
	Edge 3	0.504		0.132	0.636	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for WCDMA Band II & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band II	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.894	0.392		1.286	No
	Front	0.462	0.082		0.544	No
	Edge 3	0.587	0.043		0.630	No
	Rear	0.894		0.132	1.026	No
	Front	0.462		0.132	0.594	No
	Edge 3	0.587		0.132	0.719	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for WCDMA Band IV & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band IV	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.729	0.392		1.121	No
	Front	0.711	0.082		0.793	No
	Edge 3	0.263	0.043		0.306	No
	Rear	0.729		0.132	0.861	No
	Front	0.711		0.132	0.843	No
	Edge 3	0.263		0.132	0.395	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for WCDMA Band V & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band V	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.184	0.392		1.576	No
	Front	0.979	0.082		1.061	No
	Edge 3	0.403	0.043		0.446	No
	Rear	1.184		0.132	1.316	No
	Front	0.979		0.132	1.111	No
	Edge 3	0.403		0.132	0.535	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for LTE Band 2 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.613	0.392		1.005	No
	Front	0.612	0.082		0.694	No
	Edge 3	0.490	0.043		0.533	No
	Rear	0.613		0.132	0.745	No
	Front	0.612		0.132	0.744	No
	Edge 3	0.490		0.132	0.622	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for LTE Band 4 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.144	0.392		1.536	No
	Front	0.773	0.082		0.855	No
	Edge 3	0.370	0.043		0.413	No
	Rear	1.144		0.132	1.276	No
	Front	0.773		0.132	0.905	No
	Edge 3	0.370		0.132	0.502	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for LTE Band 5 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.675	0.392		1.067	No
	Front	0.592	0.082		0.674	No
	Edge 3	0.062	0.043		0.105	No
	Rear	0.675		0.132	0.807	No
	Front	0.592		0.132	0.724	No
	Edge 3	0.062		0.132	0.194	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Sum of the SAR for LTE Band 7 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.052	0.392		1.444	No
	Front	0.625	0.082		0.707	No
	Edge 3	0.426	0.043		0.469	No
	Rear	1.052		0.132	1.184	No
	Front	0.625		0.132	0.757	No
	Edge 3	0.426		0.132	0.558	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

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Sum of the SAR for LTE Band 12 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.569	0.392		0.961	No
	Front	0.576	0.082		0.658	No
	Edge 3	0.110	0.043		0.153	No
	Rear	0.569		0.132	0.701	No
	Front	0.576		0.132	0.708	No
	Edge 3	0.110		0.132	0.242	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio"

Sum of the SAR for LTE Band 17 & 5.2GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 17	5.2GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.712	0.392		1.104	No
	Front	0.606	0.082		0.688	No
	Edge 3	0.197	0.043		0.240	No
	Rear	0.712		0.132	0.844	No
	Front	0.606		0.132	0.738	No
	Edge 3	0.197		0.132	0.329	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio"

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Sum of the SAR for GSM 850 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn (voice)	Rear	0.486	0.365		0.851	No
		0.486		0.132	0.618	No
	Front	0.561	0.077		0.638	No
		0.561		0.132	0.693	No
Body-worn (Data)	Rear	0.695		0.132	0.827	No
		0.695	0.365		1.060	No
	Front	0.736		0.132	0.868	No
		0.736	0.077		0.813	No
	Edge 3	0.187	0.069		0.256	No
	Edge 3	0.187		0.132	0.319	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for GSM 1900 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		PCS 1900	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn (voice)	Rear	0.569	0.365		0.934	No
		0.569		0.132	0.701	No
	Front	0.380	0.077		0.457	No
		0.380		0.132	0.512	No
Body-worn (Data)	Rear	0.830		0.132	0.962	No
		0.830	0.365		1.195	No
	Front	0.548		0.132	0.680	No
		0.548	0.077		0.625	No
	Edge 3	0.504	0.069		0.573	No
	Edge 3	0.504		0.132	0.636	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
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Sum of the SAR for WCDMA Band II & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band II	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.894	0.365		1.259	No
	Front	0.462	0.077		0.539	No
	Edge 3	0.587	0.069		0.656	No
	Rear	0.894		0.132	1.026	No
	Front	0.462		0.132	0.594	No
	Edge 3	0.587		0.132	0.719	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for WCDMA Band IV & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band IV	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.729	0.365		1.094	No
	Front	0.711	0.077		0.788	No
	Edge 3	0.263	0.069		0.332	No
	Rear	0.729		0.132	0.861	No
	Front	0.711		0.132	0.843	No
	Edge 3	0.263		0.132	0.395	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for WCDMA Band V & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band V	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.184	0.365		1.549	No
	Front	0.979	0.077		1.056	No
	Edge 3	0.403	0.069		0.472	No
	Rear	1.184		0.132	1.316	No
	Front	0.979		0.132	1.111	No
	Edge 3	0.403		0.132	0.535	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for LTE Band 2 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.613	0.365		0.978	No
	Front	0.612	0.077		0.689	No
	Edge 3	0.490	0.069		0.559	No
	Rear	0.613		0.132	0.745	No
	Front	0.612		0.132	0.744	No
	Edge 3	0.490		0.132	0.622	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for LTE Band 4 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.144	0.365		1.509	No
	Front	0.773	0.077		0.850	No
	Edge 3	0.370	0.069		0.439	No
	Rear	1.144		0.132	1.276	No
	Front	0.773		0.132	0.905	No
	Edge 3	0.370		0.132	0.502	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for LTE Band 5 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.675	0.365		1.040	No
	Front	0.592	0.077		0.669	No
	Edge 3	0.062	0.069		0.131	No
	Rear	0.675		0.132	0.807	No
	Front	0.592		0.132	0.724	No
	Edge 3	0.062		0.132	0.194	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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Sum of the SAR for LTE Band 7 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	1.052	0.365		1.417	No
	Front	0.625	0.077		0.702	No
	Edge 3	0.426	0.069		0.495	No
	Rear	1.052		0.132	1.184	No
	Front	0.625		0.132	0.757	No
	Edge 3	0.426		0.132	0.558	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for LTE Band 12 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 12	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.569	0.365		0.934	No
	Front	0.576	0.077		0.653	No
	Edge 3	0.110	0.069		0.179	No
	Rear	0.569		0.132	0.701	No
	Front	0.576		0.132	0.708	No
	Edge 3	0.110		0.132	0.242	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Sum of the SAR for LTE Band 17 & 5.8GHz Wi-Fi & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 17	5.8GHz Wi-Fi DTS Band	Bluetooth		
Body-worn	Rear	0.712	0.365		1.077	No
	Front	0.606	0.077		0.683	No
	Edge 3	0.197	0.069		0.266	No
	Rear	0.712		0.132	0.844	No
	Front	0.606		0.132	0.738	No
	Edge 3	0.197		0.132	0.329	No

Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

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APPENDIX A. SAR SYSTEM CHECK DATA

Test Laboratory: AGC Lab
System Check Head 750MHz
DUT: Dipole 750 MHz Type: SID 750

Date: Dec. 25, 2021

Communication System: CW; Communication System Band: D750 (750.0 MHz); Duty Cycle: 1:1;
Frequency: 750 MHz; Medium parameters used: $f = 750\text{MHz}$; $\sigma = 0.90\text{ mho/m}$; $\epsilon_r = 42.61$; $\rho = 1000\text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 20.8, Liquid temperature ($^{\circ}\text{C}$): 20.6

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 750MHz/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.628 W/kg

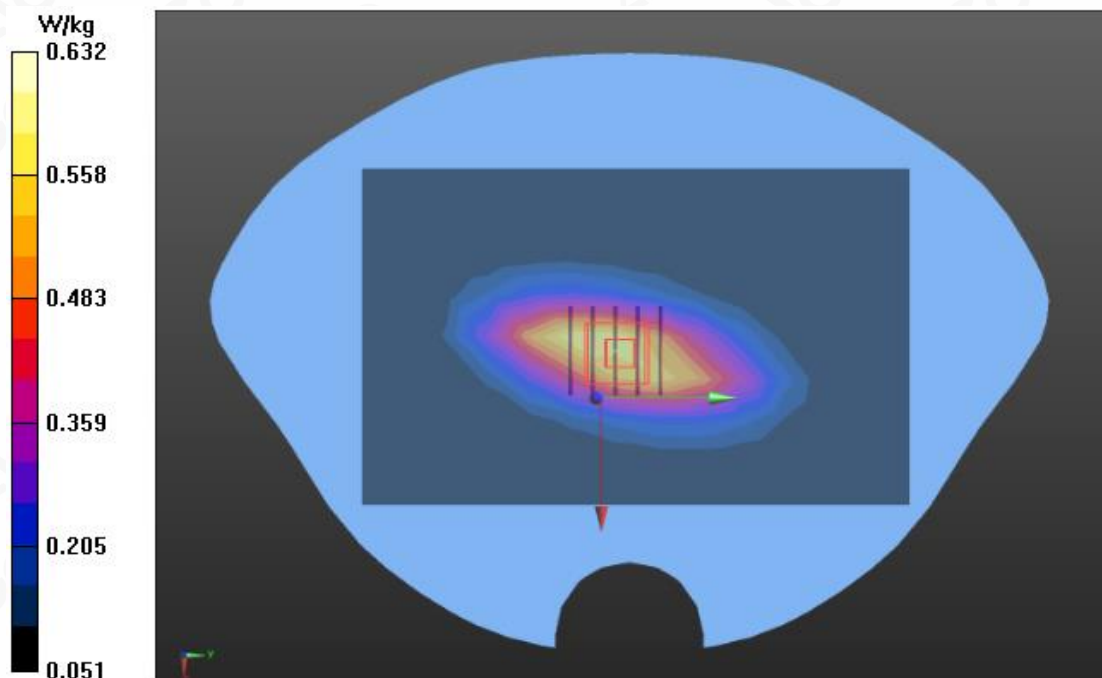
Configuration/System Check Head 750MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.354 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.632 W/kg



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Test Laboratory: AGC Lab
System Check Head 835 MHz
DUT: Dipole 835 MHz Type: SID 835

Date: Dec. 27, 2021

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1;
Frequency: 835 MHz; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 41.15$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$):20.5, Liquid temperature ($^{\circ}\text{C}$): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 835MHz/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.754 W/kg

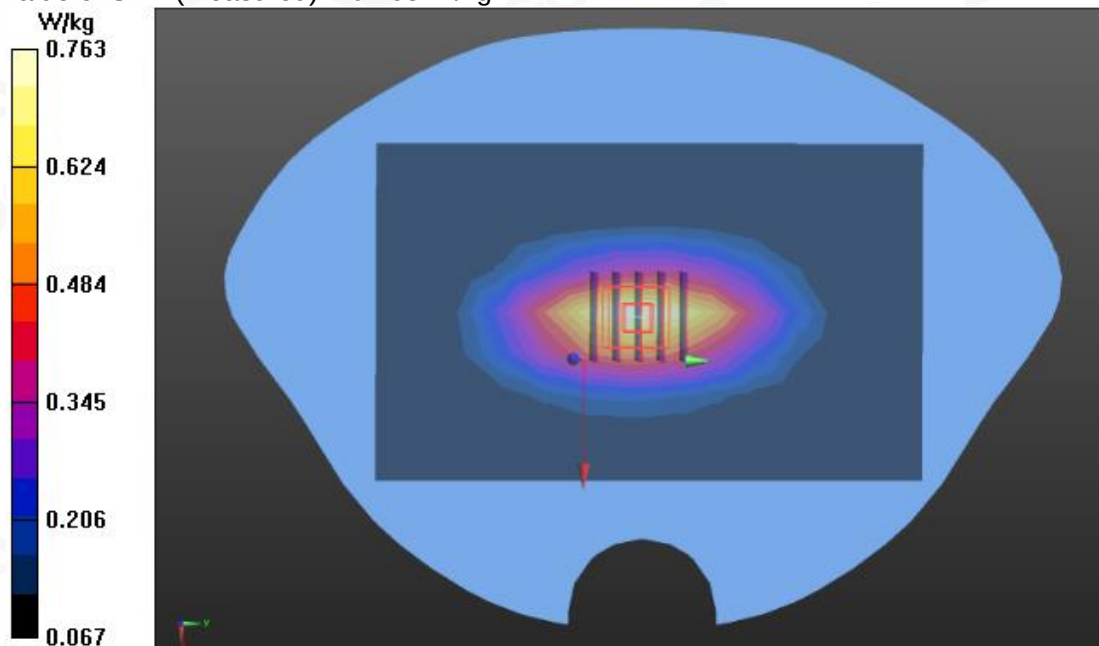
Configuration/System Check Head 835MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.739 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.396 W/kg

Maximum value of SAR (measured) = 0.763 W/kg



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Test Laboratory: AGC Lab
System Check Head 1750MHz
DUT: Dipole 1800 MHz; Type: SID 1800

Date: Dec. 28, 2021

Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle: 1:1;
Frequency: 1750 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.85$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0$, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 1750MHz/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.83 W/kg

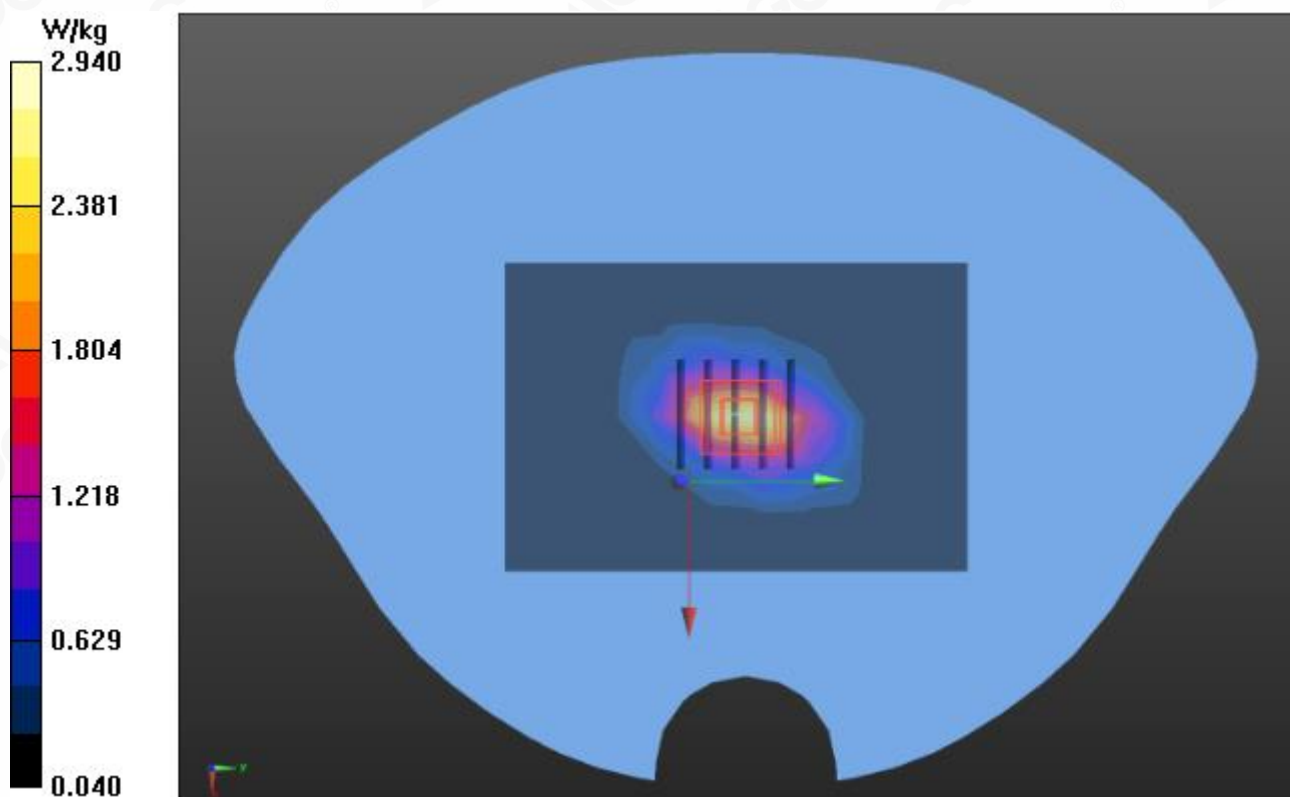
Configuration/System Check Head 1750MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.534 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.28 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.22 W/kg

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



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Test Laboratory: AGC Lab
System Check Head 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900

Date: Dec. 29, 2021

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1;
Frequency: 1900 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.72$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 1900MHz/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.01 W/kg

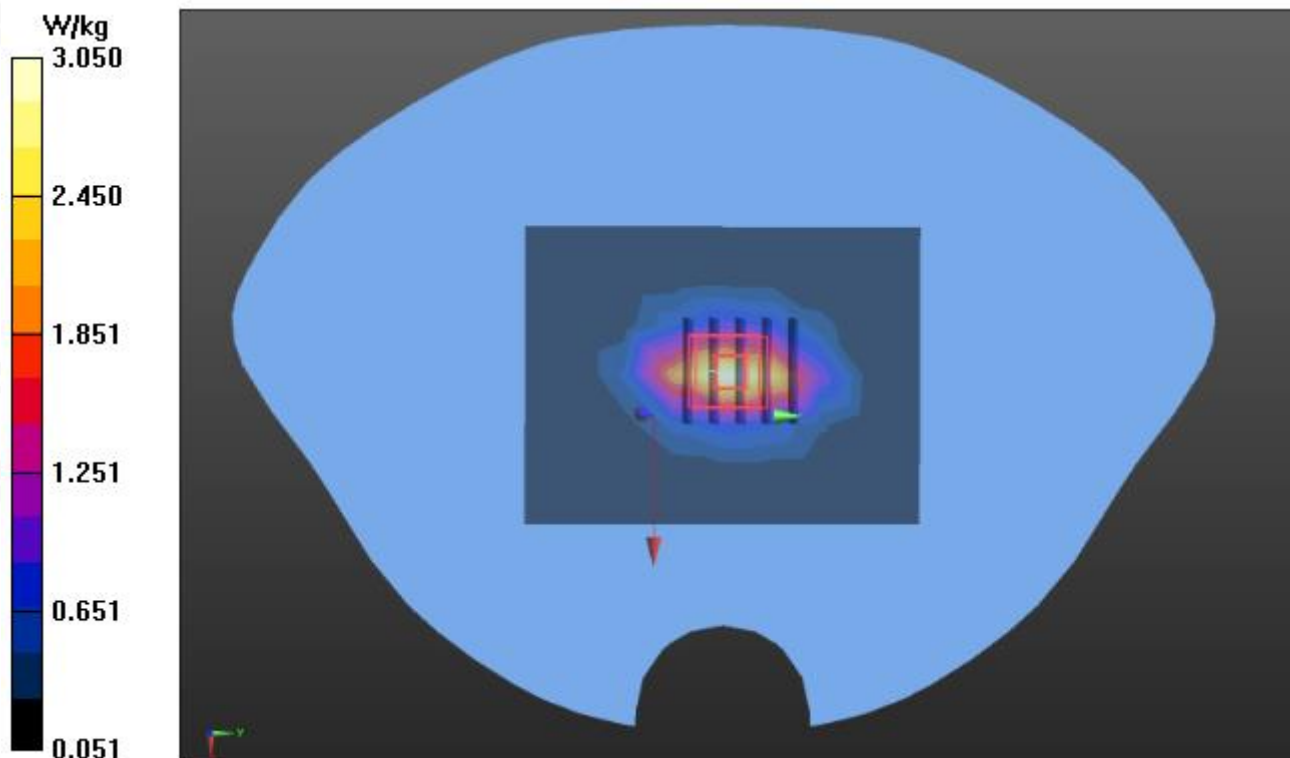
Configuration/System Check Head 1900MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.437 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.42 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 3.05 W/kg



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Test Laboratory: AGC Lab
System Check Head 2450 MHz
DUT: Dipole 2450 MHz Type: SID 2450

Date: Dec. 20, 2021

Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1;
Frequency: 2450 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 38.61$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.2

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.60, 7.60, 7.60); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 2450Hz/Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 4.89 W/kg

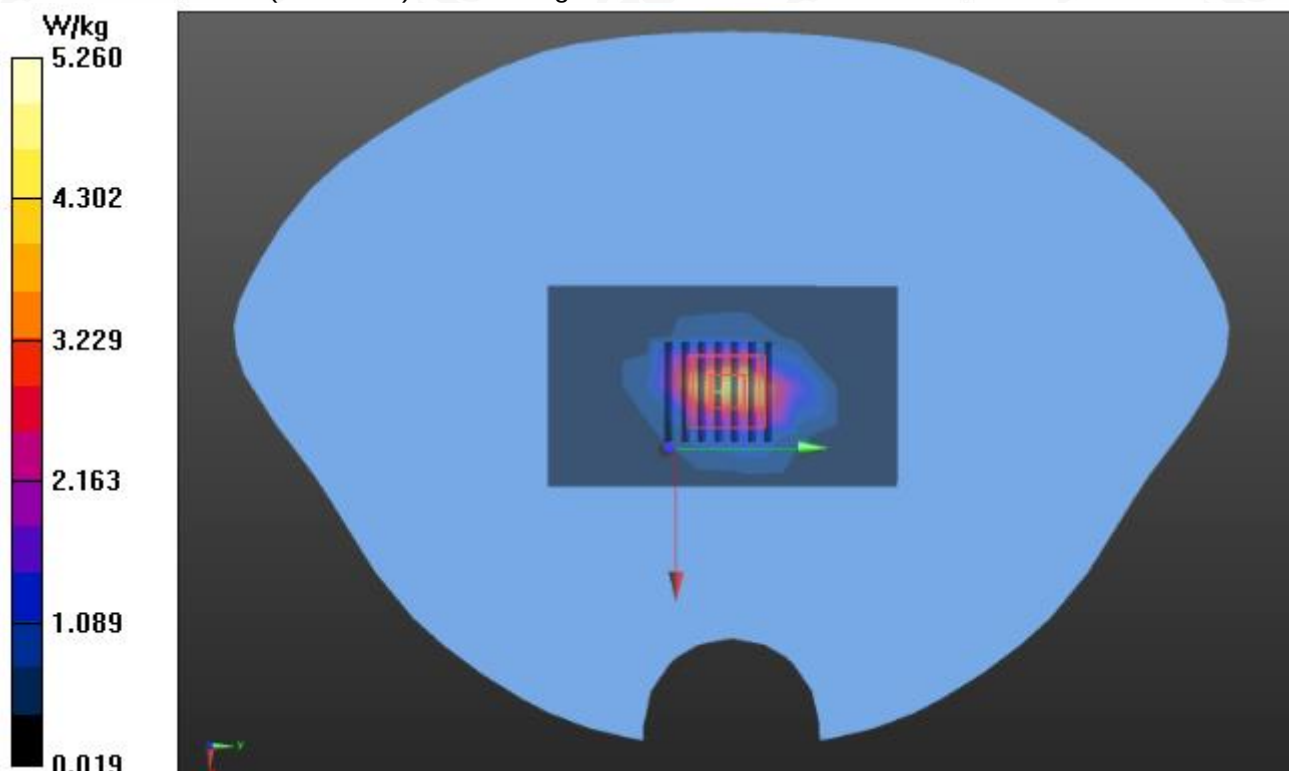
Configuration/System Check Head 2450Hz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 54.426 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 7.36 W/kg

SAR(1 g) = 3.48 W/kg; SAR(10 g) = 1.47 W/kg

Maximum value of SAR (measured) = 5.26 W/kg



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Test Laboratory: AGC Lab
System Check Head 2600 MHz
DUT: Dipole 2600 MHz; Type: SID 2600

Date: Dec. 19, 2021

Communication System: CW; Communication System Band: D2600 (2600.0 MHz); Duty Cycle: 1:1;
Frequency: 2600 MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 38.67$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.2

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.42, 7.42, 7.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check Head 2600Hz/Area Scan (5x8x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 5.07 W/kg

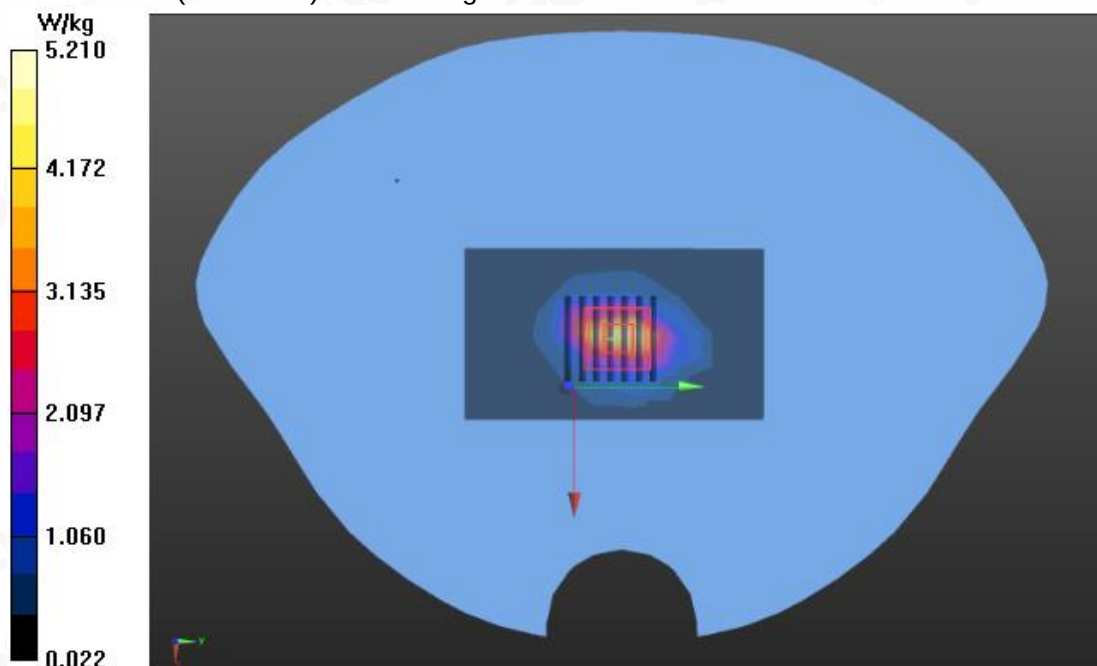
Configuration/System Check Head 2600Hz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 53.604 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.12 W/kg

SAR(1 g) = 3.38 W/kg; SAR(10 g) = 1.52 W/kg

Maximum value of SAR (measured) = 5.21 W/kg



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Test Laboratory: AGC Lab
System Check Head 5200 MHz
DUT: Dipole 5000MHz Type: SWG5500

Date: Dec. 21, 2021

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;
Frequency: 5200 MHz; Medium parameters used: $f = 5250$ MHz; $\sigma = 4.54$ mho/m; $\epsilon_r = 35.81$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=10dBm
Ambient temperature (°C): 21.1, Liquid temperature (°C): 20.9,

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check 5200MHz Head/Area Scan (10x13x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.74 W/kg

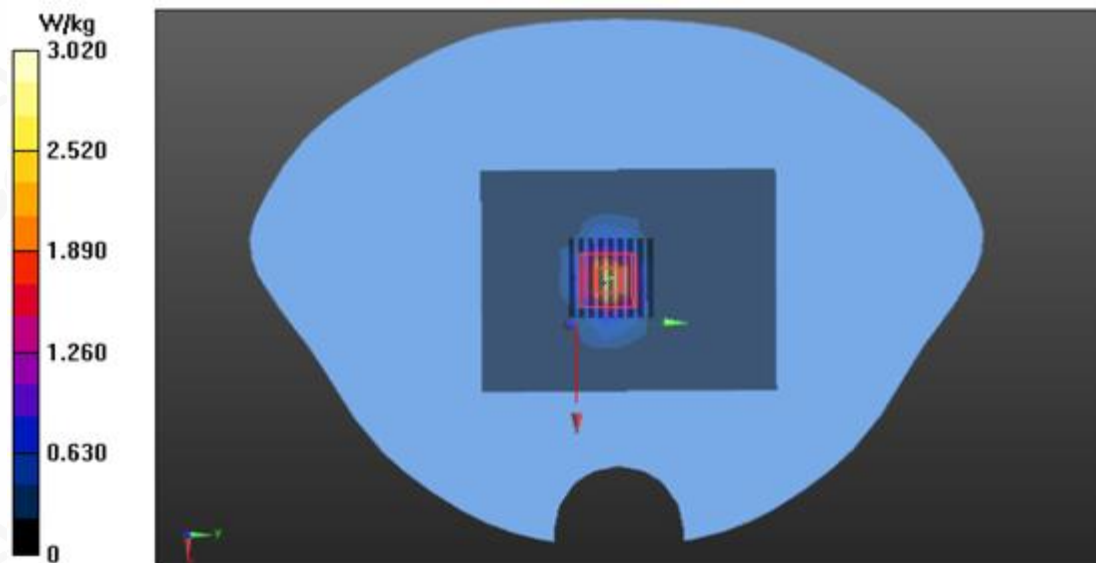
Configuration/1 2 2/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 26.635 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.76 W/kg

SAR(1 g) = 1.52 W/kg; SAR(10 g) = 0.537 W/kg

Maximum value of SAR (measured) = 3.02 W/kg



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Test Laboratory: AGC Lab
System Check Head 5800 MHz
DUT: Dipole 5000MHz Type: SWG5500

Date: Dec. 22, 2021

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;
Frequency: 5800 MHz; Medium parameters used: $f = 5750$ MHz; $\sigma = 5.32$ mho/m; $\epsilon_r = 35.71$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=10dBm
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.6,

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(4.96, 4.96, 4.96); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0$, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/System Check 5800MHz Head/Area Scan (10x13x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 4.17 W/kg

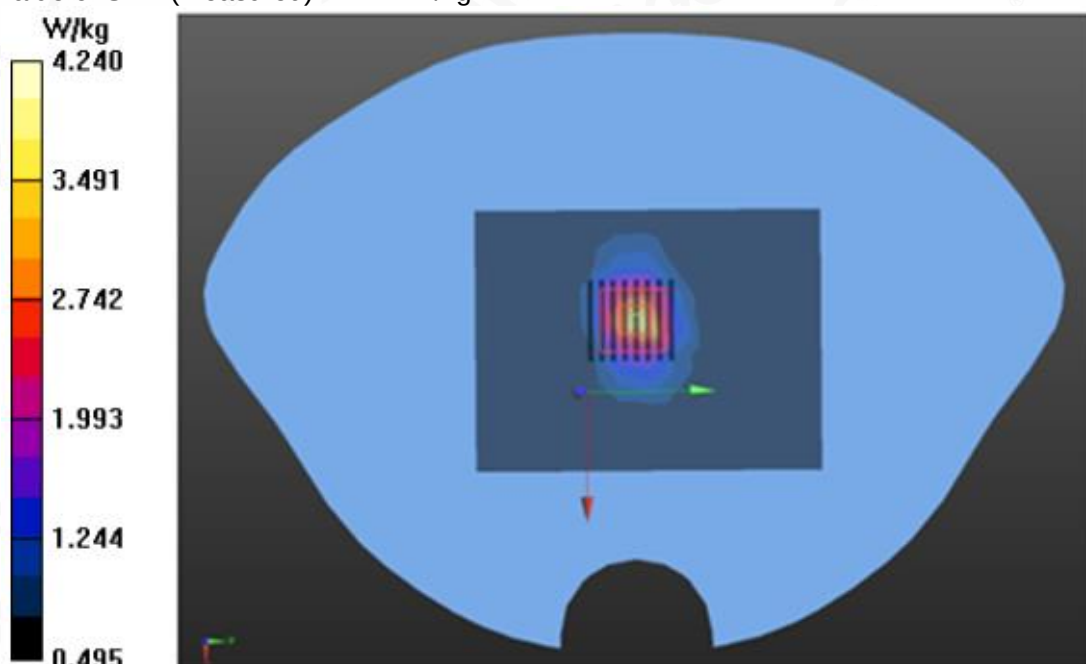
Configuration/System Check 5800MHz Head/Zoom Scan (8x8x13)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 21.935 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 6.99 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 0.637 W/kg

Maximum value of SAR (measured) = 4.24 W/kg



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APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab

Date: Dec. 27, 2021

GPRS 850 Mid- Body- Front (2up) < SIM 1>

DUT: Brama L V2; Type: SoloProtect ID touch

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QDOVA002AA;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/2ST-FRONT/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.705 W/kg

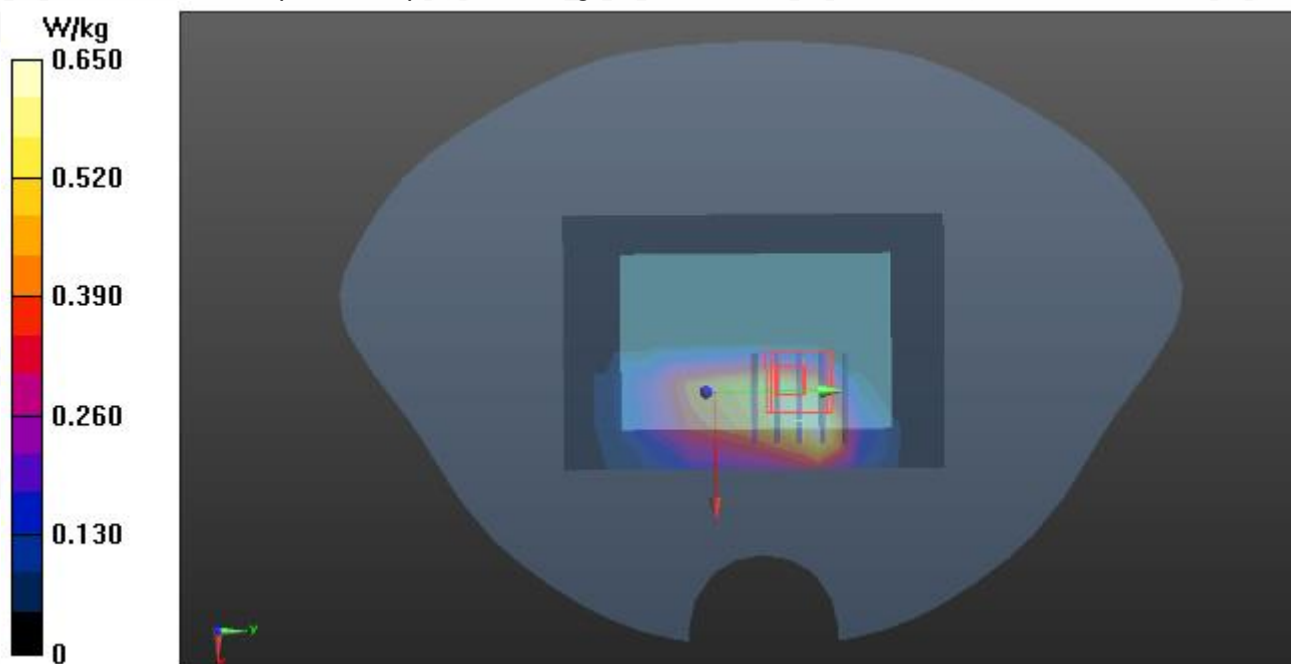
Configuration/2ST-FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.901 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 0.650 W/kg



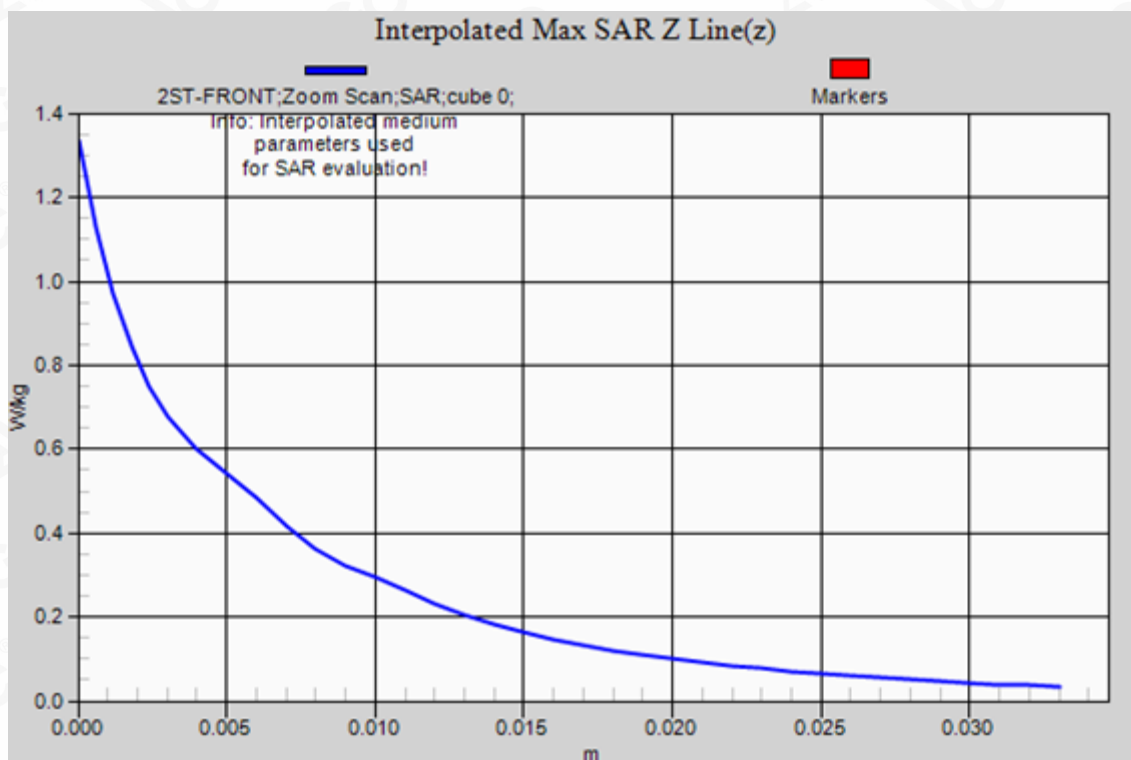
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Test Laboratory: AGC Lab
GPRS 1900 Mid-Body- Back (3up) < SIM 1>
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 29, 2021

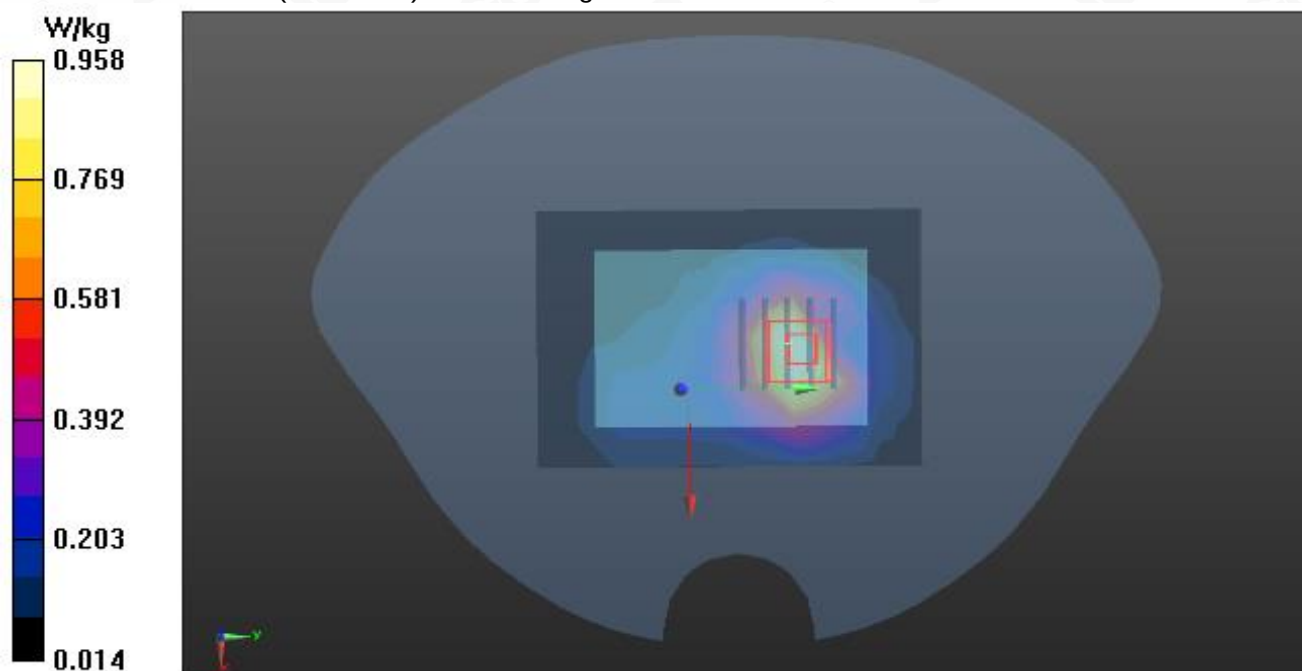
Communication System: GPRS-3 Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.7;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 39.99$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/3ST-BACK/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.07 W/kg

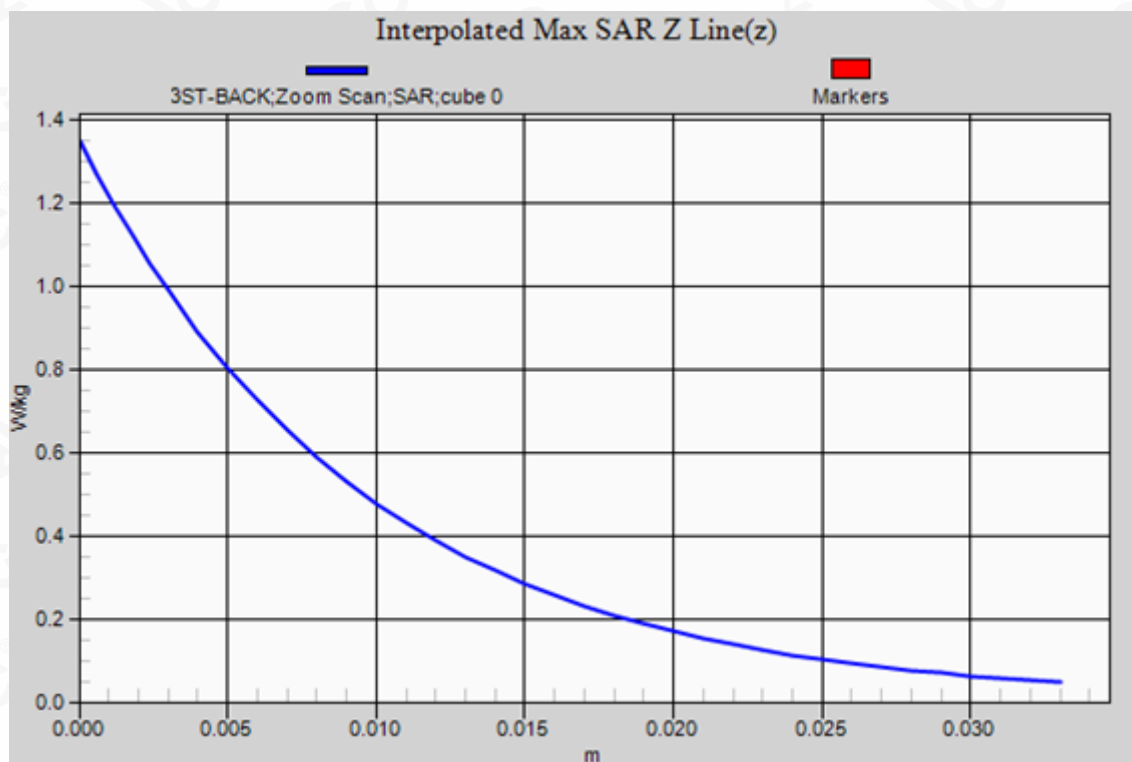
Configuration/3ST-BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 16.610 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 0.958 W/kg



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Test Laboratory: AGC Lab
GPRS 1900 High-Body- Back (3up) < SIM 1>
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 29, 2021

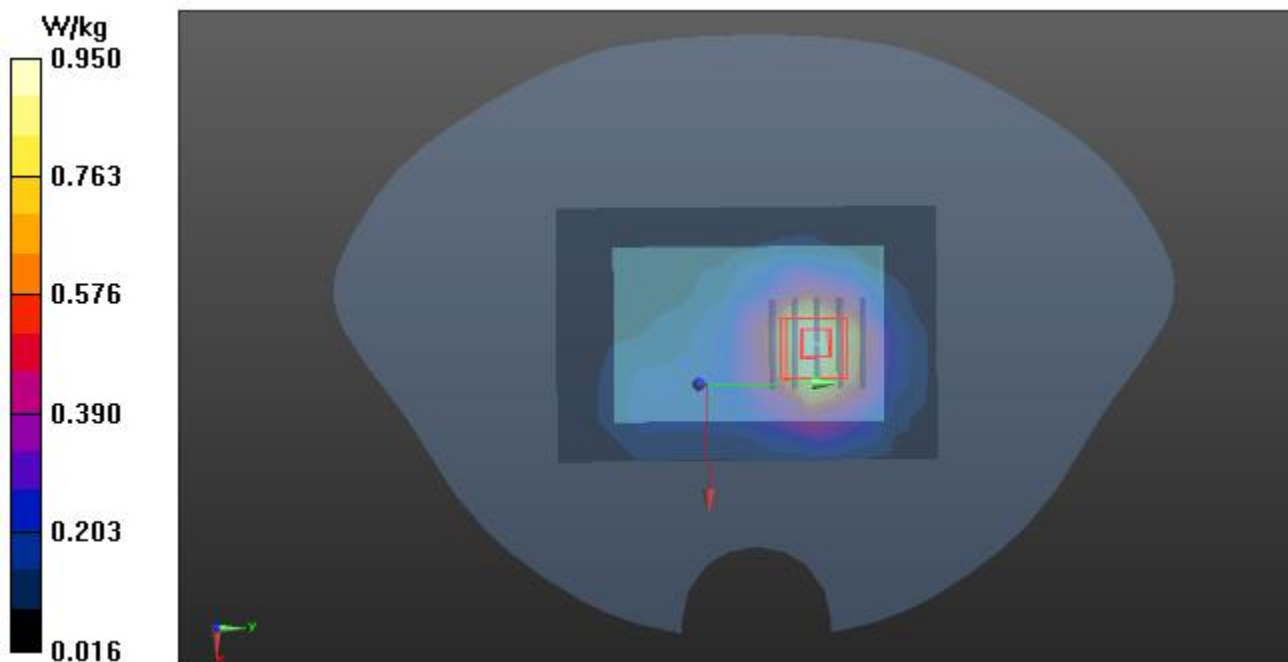
Communication System: GPRS-3 Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.7;
Frequency: 1909.8 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 39.99$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/3ST-BACK-H/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.00 W/kg

Configuration/3ST-BACK-H/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 16.388 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.452 W/kg
Maximum value of SAR (measured) = 0.950 W/kg



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Test Laboratory: AGC Lab
WCDMA Band II Mid -Body-Towards Grounds
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 29, 2021

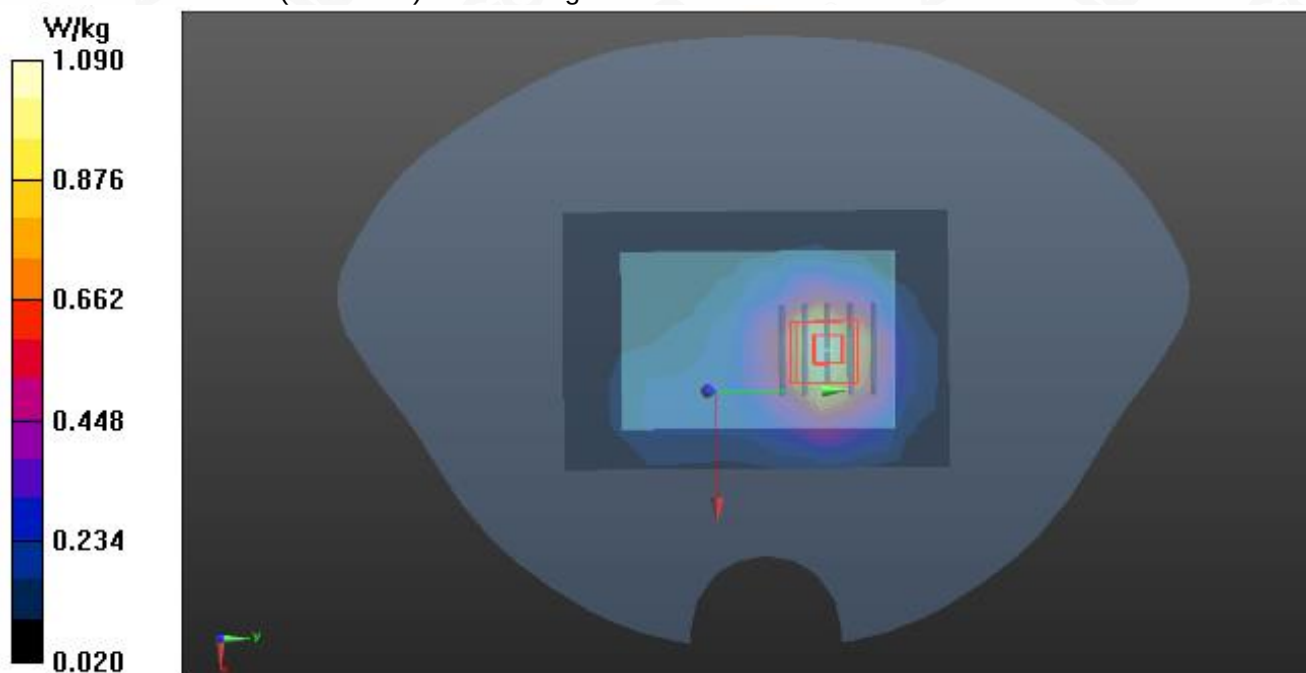
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 39.99$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.14 W/kg

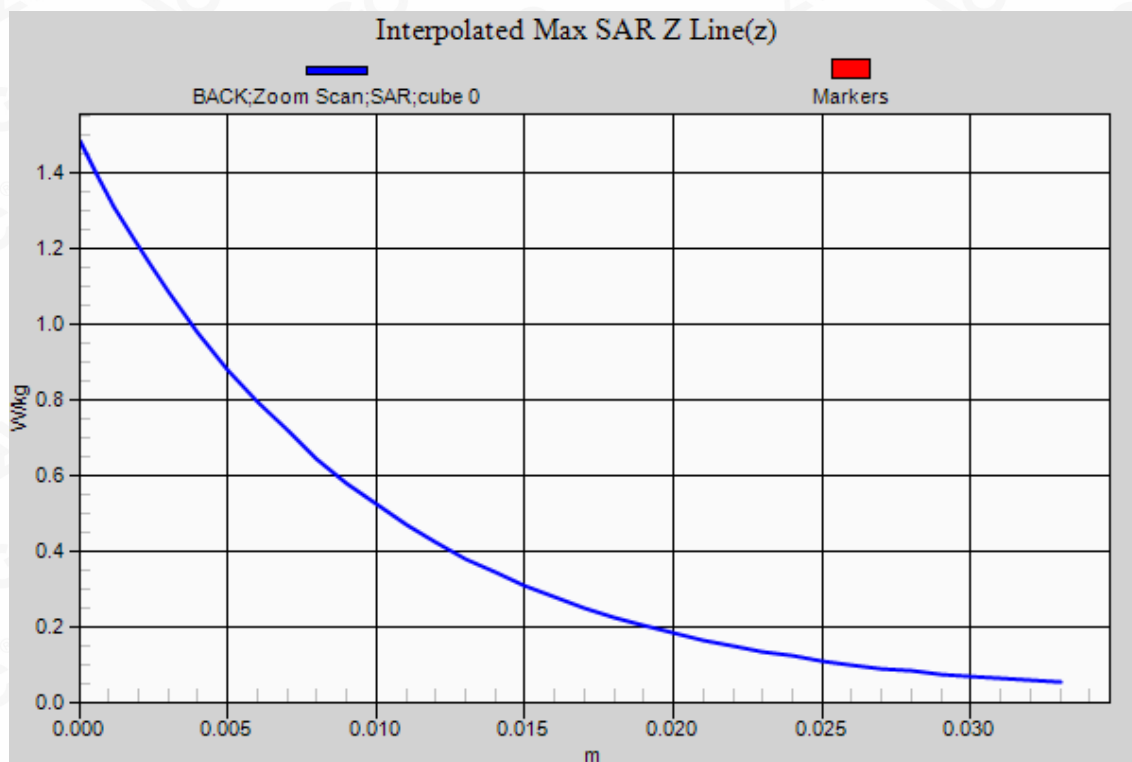
Configuration/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 17.177 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.512 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



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Test Laboratory: AGC Lab
WCDMA Band IV Mid-Body-Towards Grounds
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 28, 2021

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle: 1:1;
Frequency: 1732.4 MHz; Medium parameters used: $f = 1800$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.46$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.808 W/kg

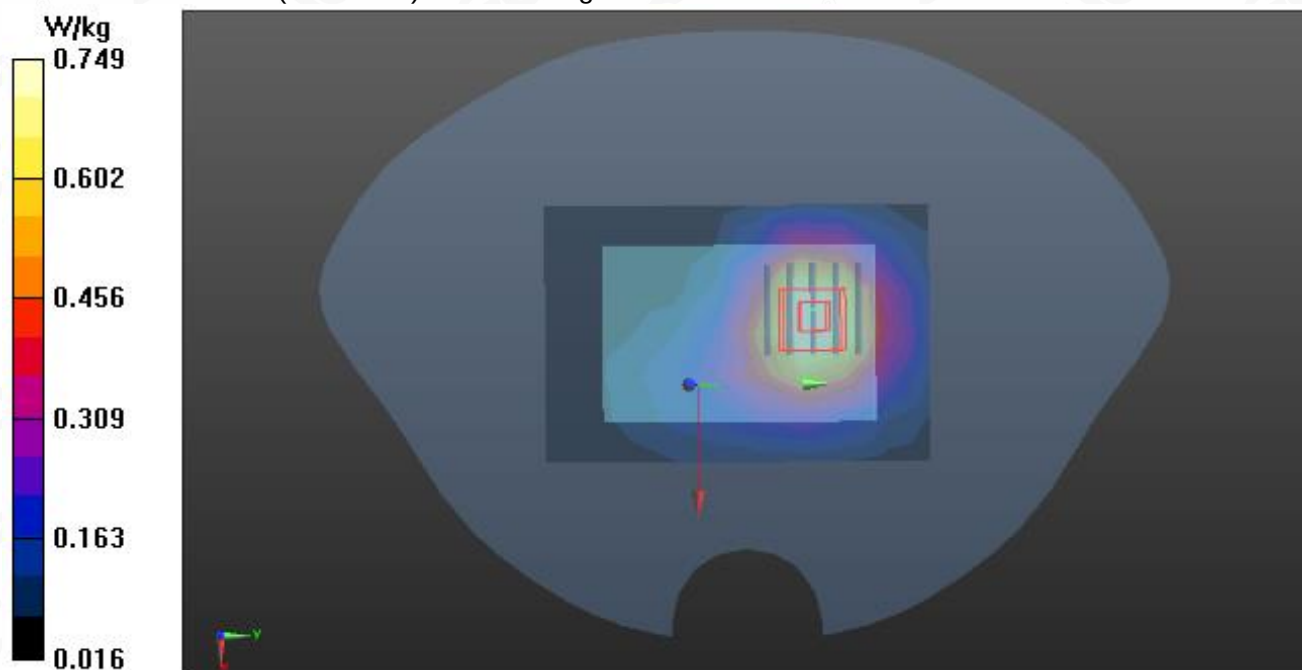
Configuration/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.889 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.749 W/kg



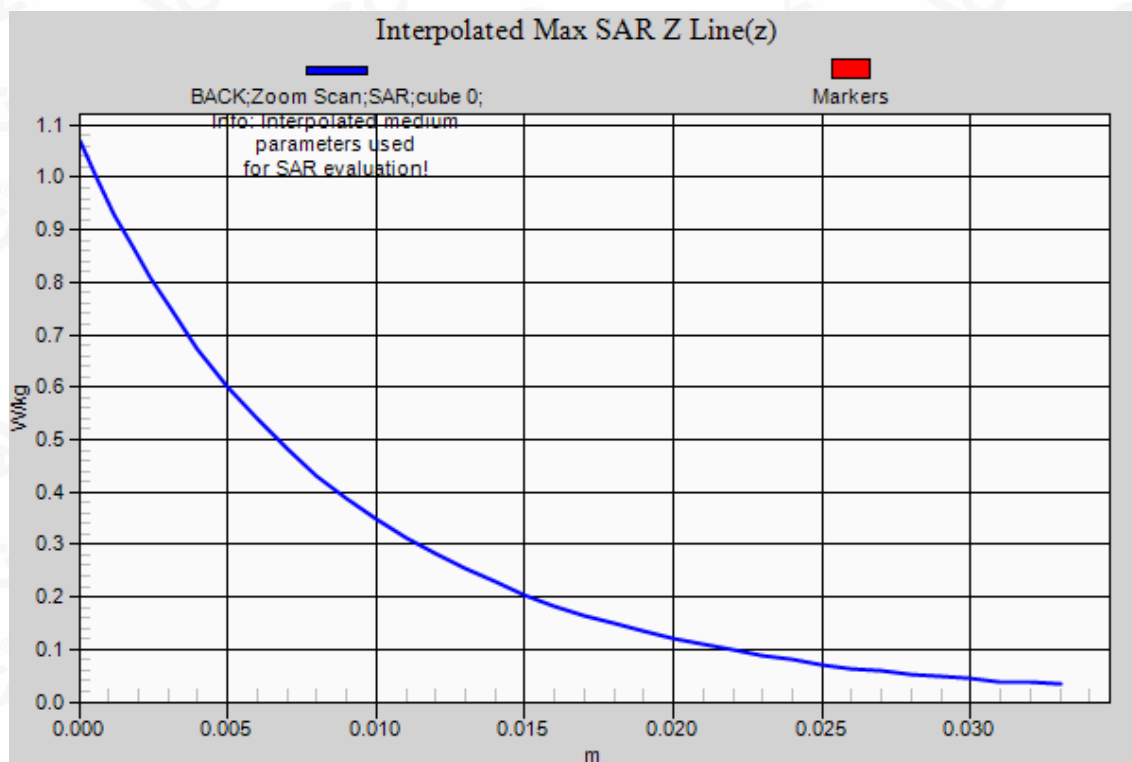
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Test Laboratory: AGC Lab
WCDMA Band V Low-Body-Towards Grounds
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 27, 2021

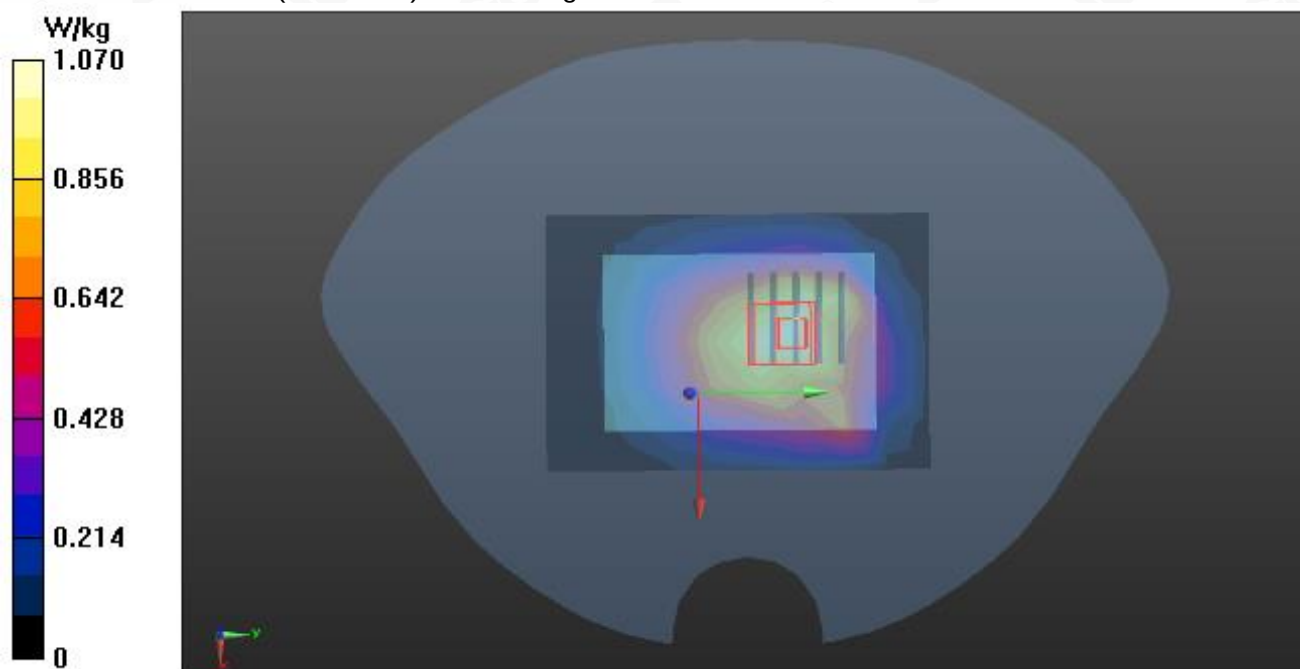
Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle: 1:1;
Frequency: 826.4 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK-L/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.13 W/kg

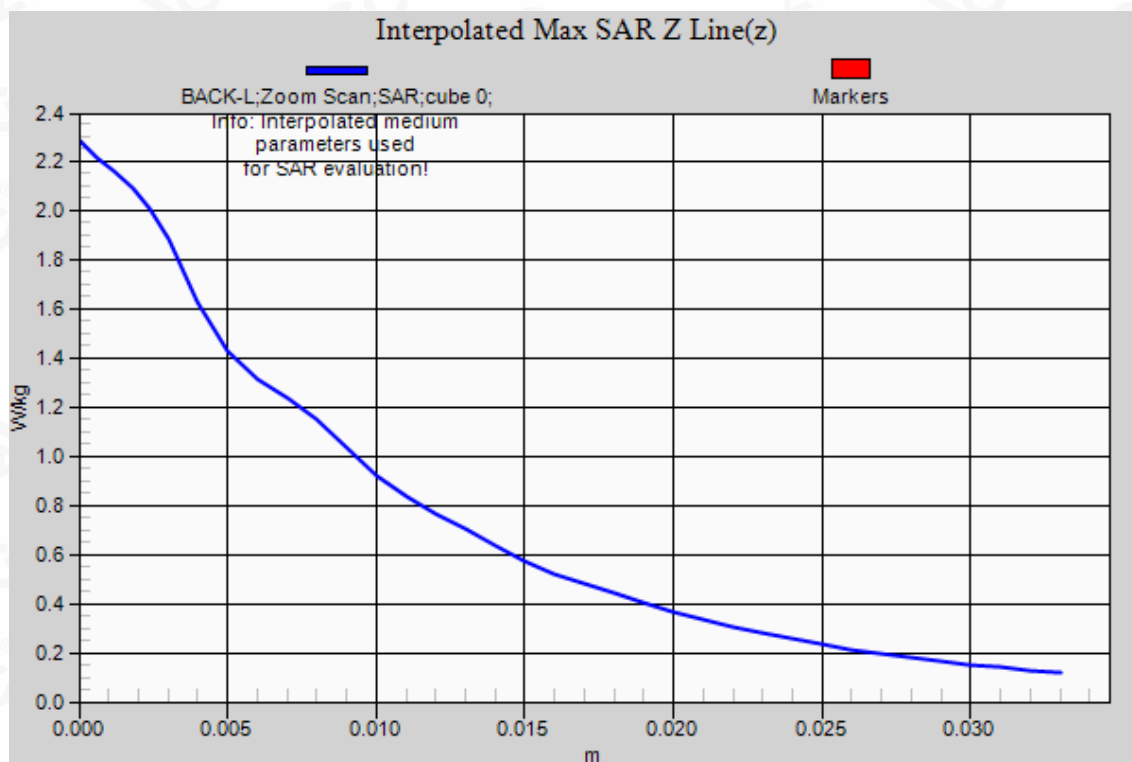
Configuration/BACK-L/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 32.752 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.571 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



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Test Laboratory: AGC Lab
LTE Band 2 Mid-Body- Back (1 RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 29, 2021

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle: 1:1;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = \delta N$ mho/m; $\epsilon_r = \epsilon_r N$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.741 W/kg

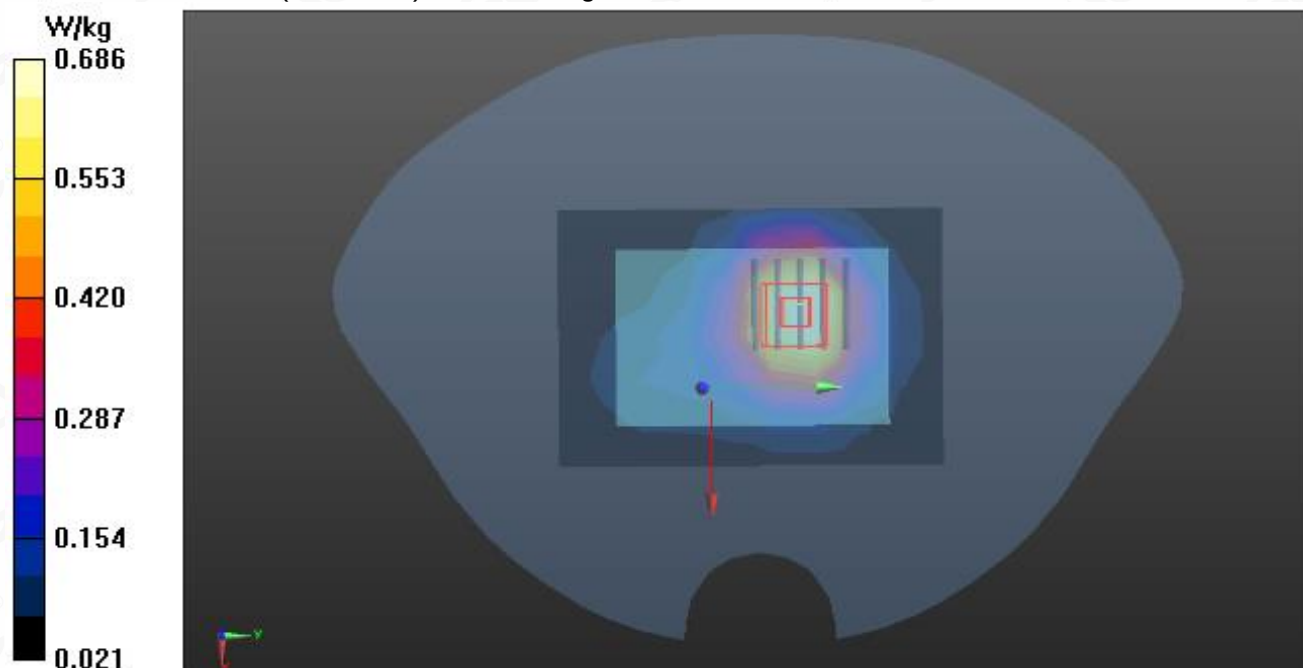
Configuration/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.011 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.686 W/kg



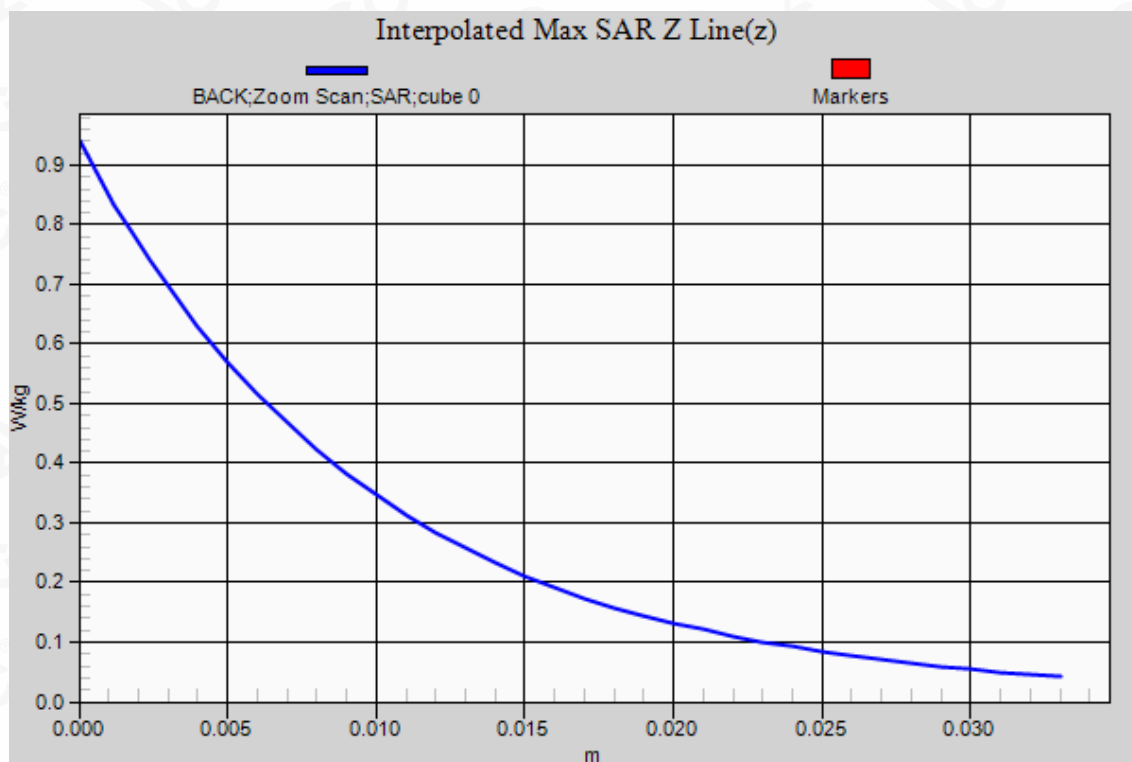
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Test Laboratory: AGC Lab
LTE Band 4 Mid-Body-Back (1 RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 28, 2021

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.46$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.22 W/kg

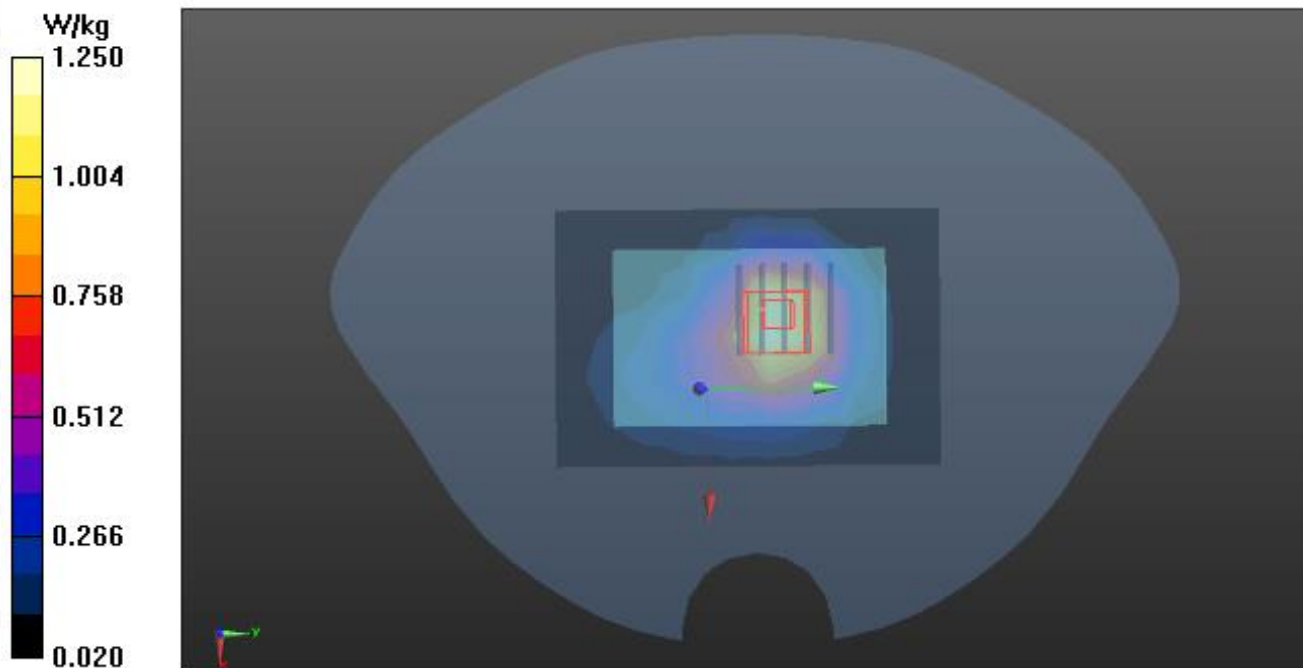
Configuration/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.788 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.650 W/kg

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



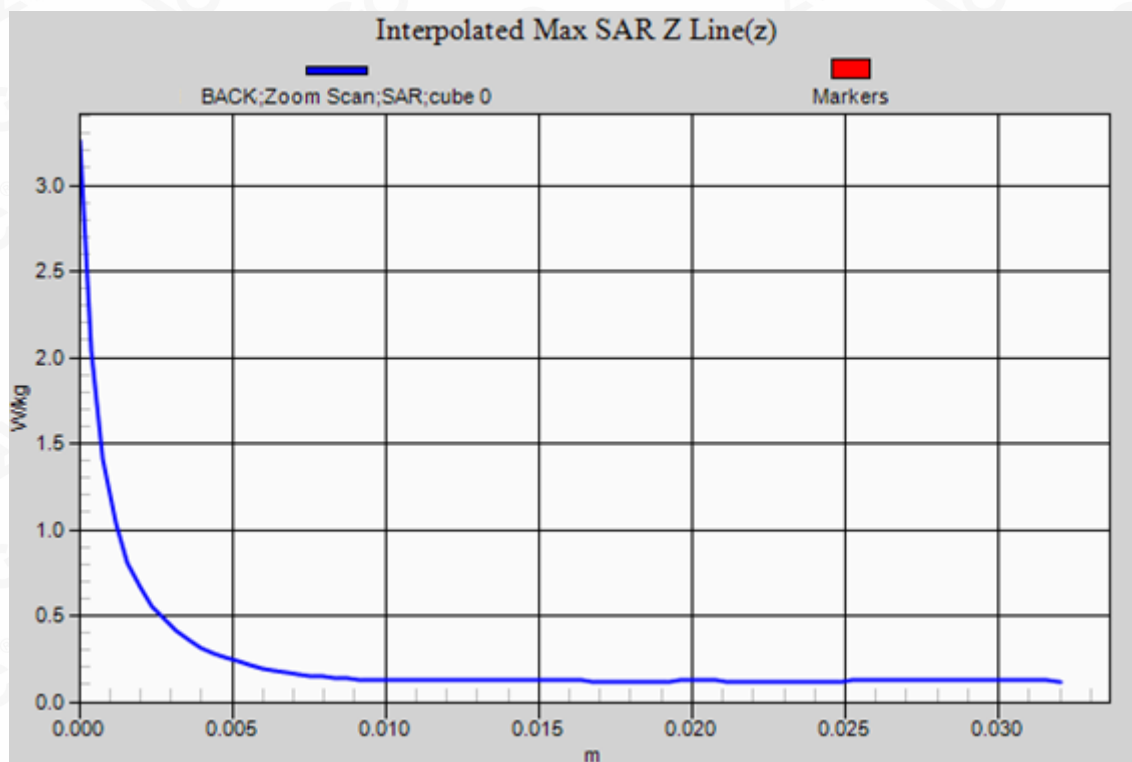
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Test Laboratory: AGC Lab
LTE Band 5 Mid-Body-Back (1 RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 27, 2021

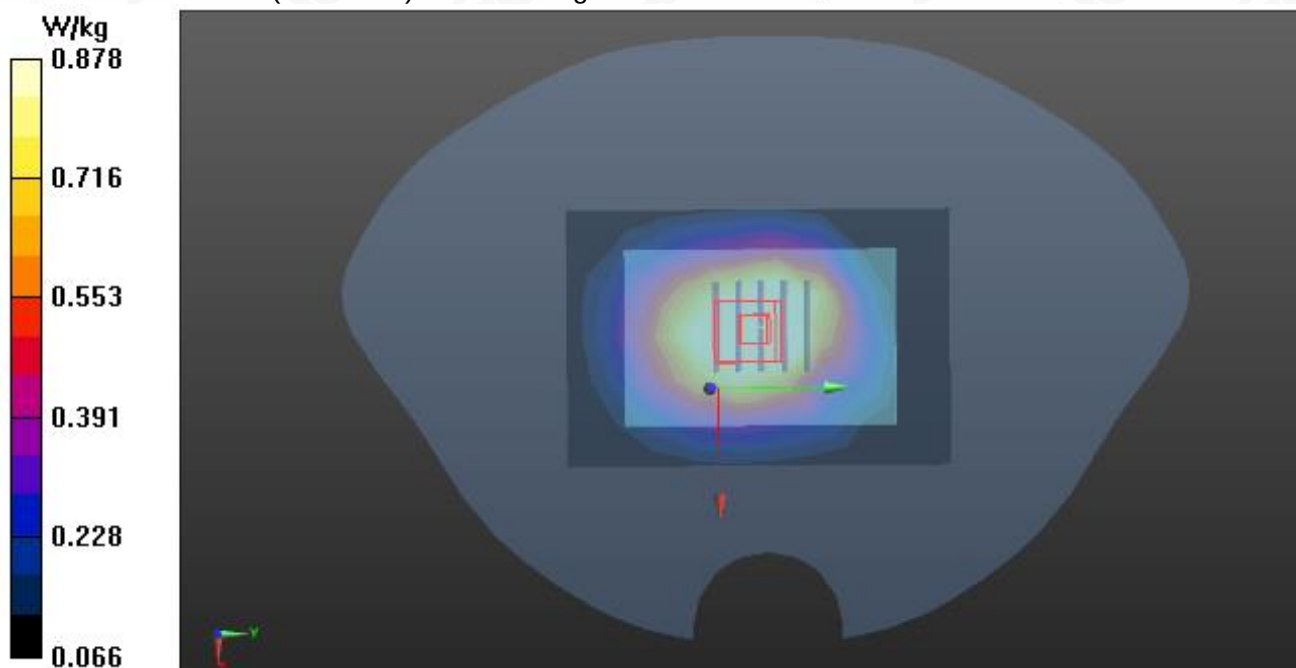
Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1;
Frequency:836.5 MHz; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 40.98$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 20.5, Liquid temperature ($^{\circ}\text{C}$): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 1.16 W/kg

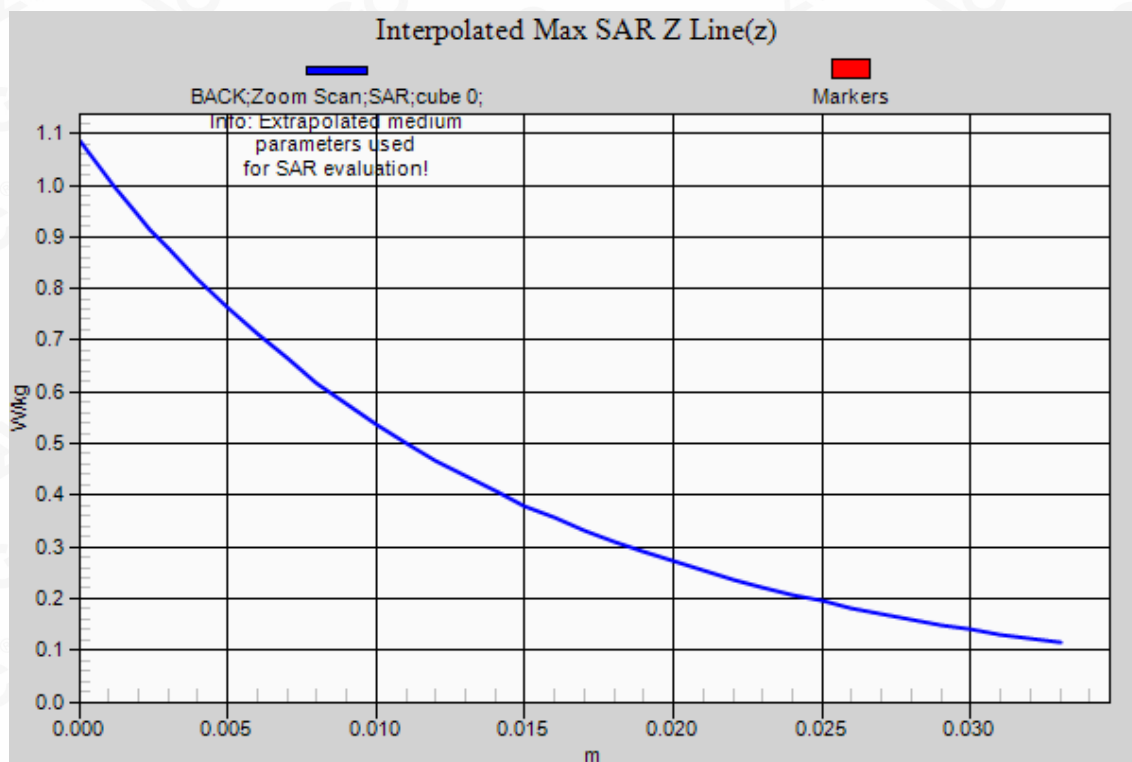
Configuration/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 33.737 V/m; Power Drift = -0.95 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.530 W/kg
Maximum value of SAR (measured) = 0.878 W/kg



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Test Laboratory: AGC Lab
LTE Band 7 Mid-Body-Back (1RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 19, 2021

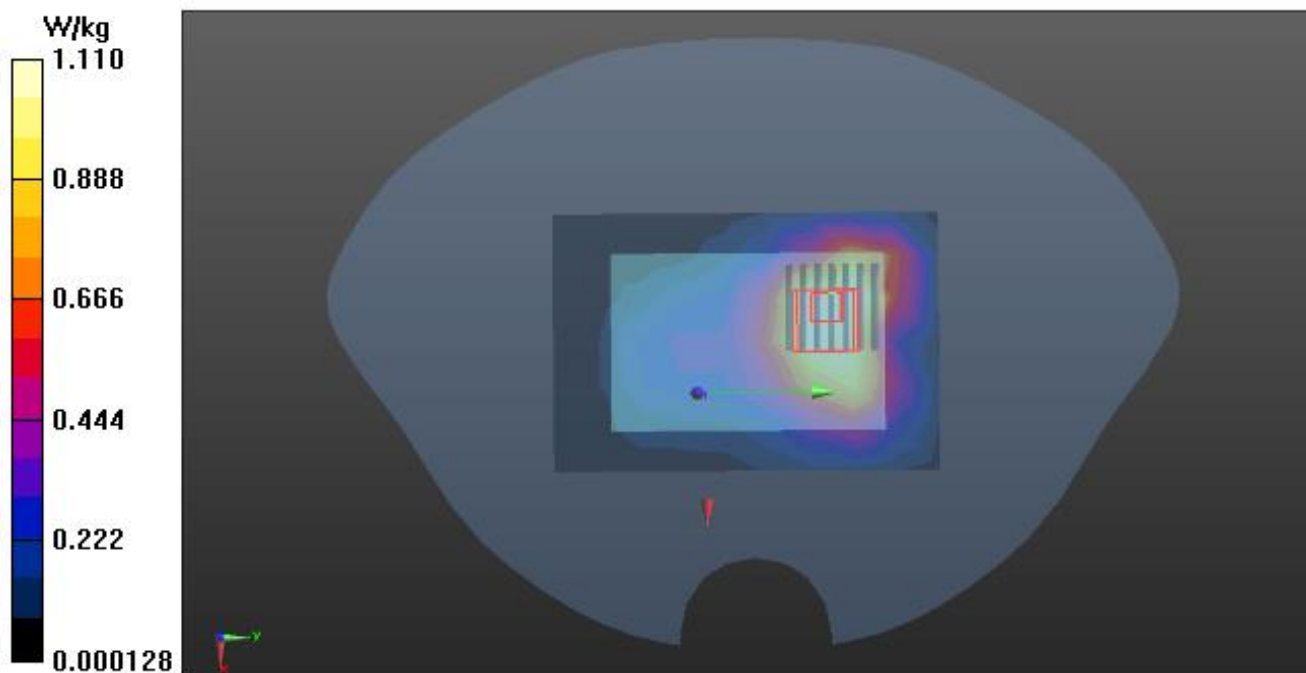
Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1;
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.90$ mho/m; $\epsilon_r = 39.42$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.2

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.42, 7.42, 7.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.21 W/kg

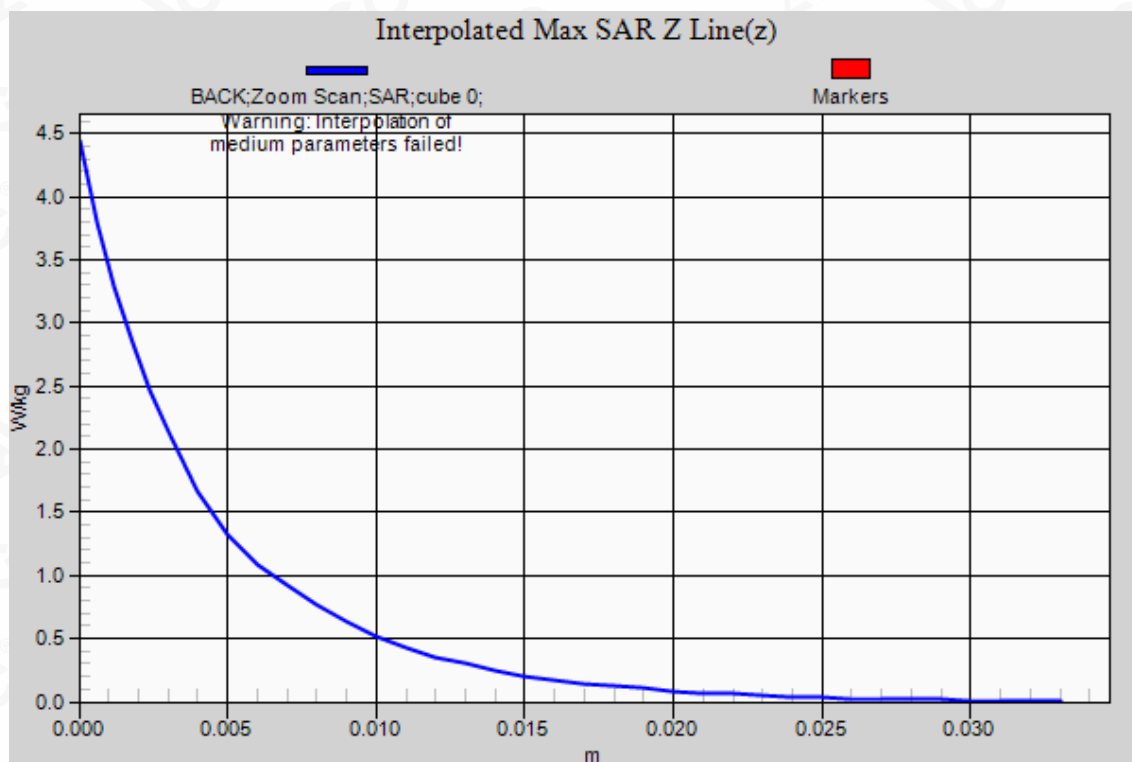
Configuration/BACK/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.309 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 4.44 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.502 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



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Test Laboratory: AGC Lab
LTE Band 12 Mid-Body-Front (1 RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 25, 2021

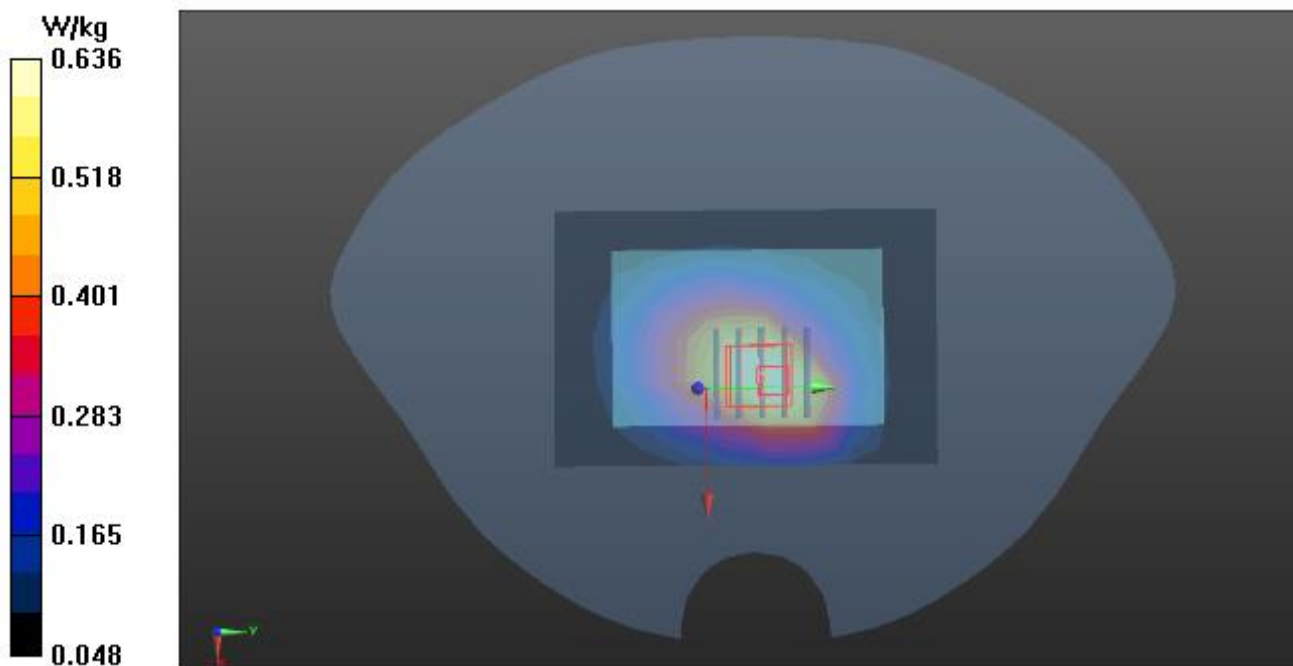
Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1;
Frequency: 707.5 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.87$ mho/m; $\epsilon_r = 43.57$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.6

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/FRONT/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.709 W/kg

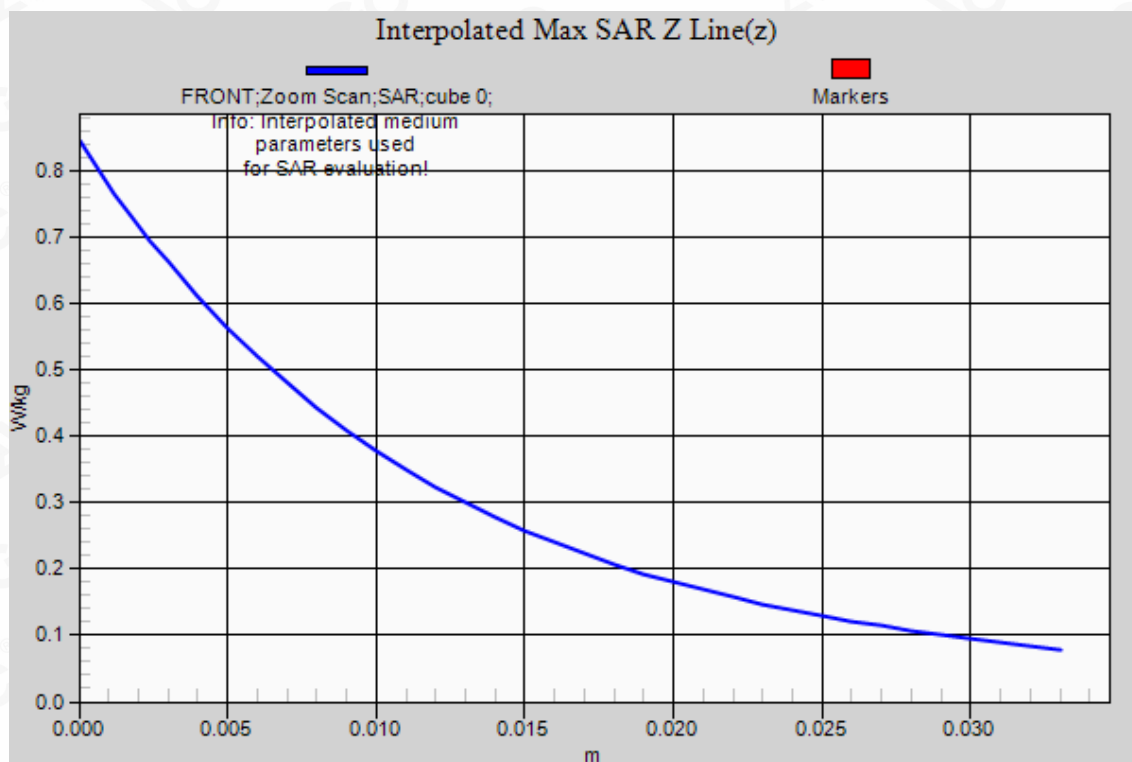
Configuration/FRONT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 24.656 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.379 W/kg
Maximum value of SAR (measured) = 0.636 W/kg



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Test Laboratory: AGC Lab
LTE Band 17 Mid-Body-Back (1 RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 25, 2021

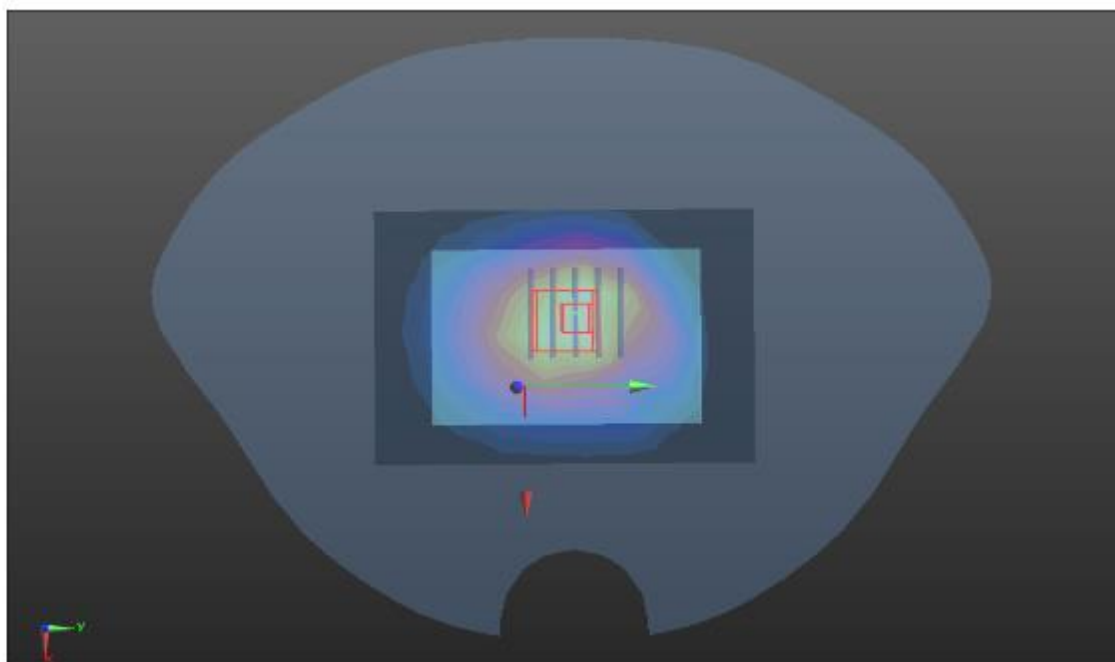
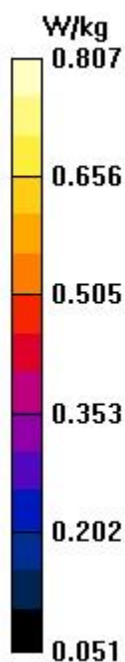
Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1;
Frequency: 710 MHz; Medium parameters used: $f = 750$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 43.09$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.6

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.794 W/kg

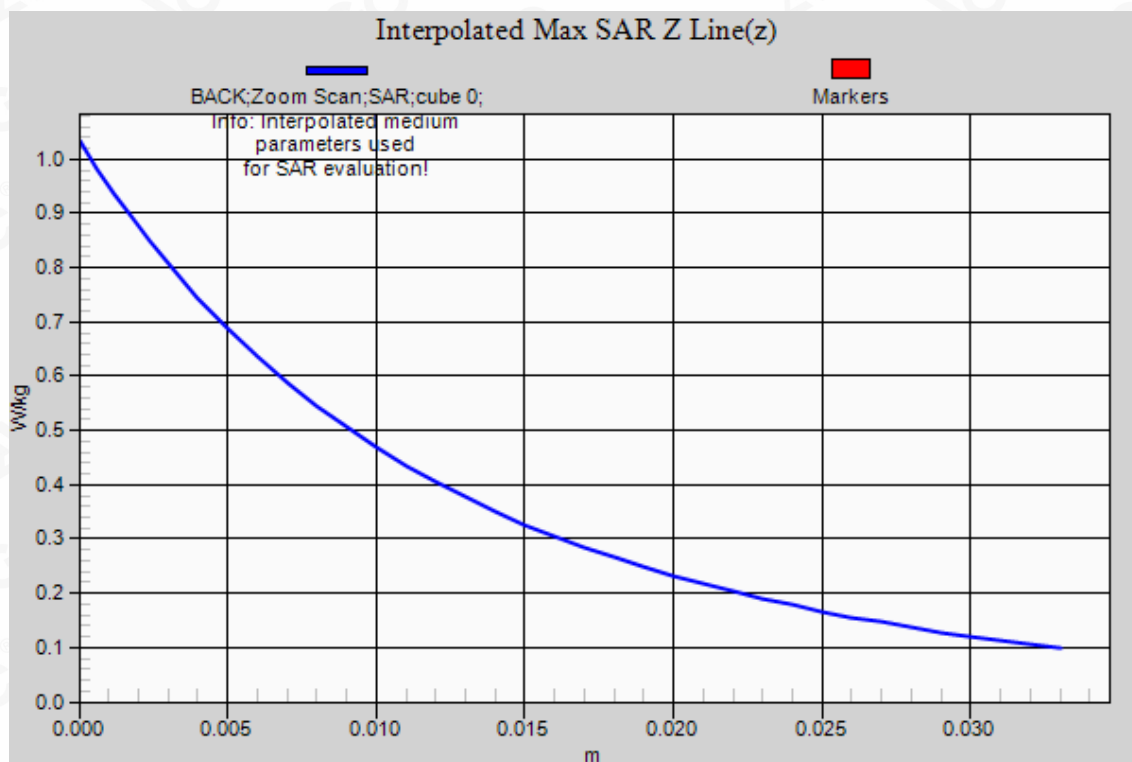
Configuration/BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 29.760 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 0.807 W/kg



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WIFI MODE

Test Laboratory: AGC Lab

802.11b Mid- Body- Back (DTS)

DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 20, 2021

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;
Frequency: 2437 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.75$ mho/m; $\epsilon_r = 38.97$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.2

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.60, 7.60, 7.60); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.218 W/kg

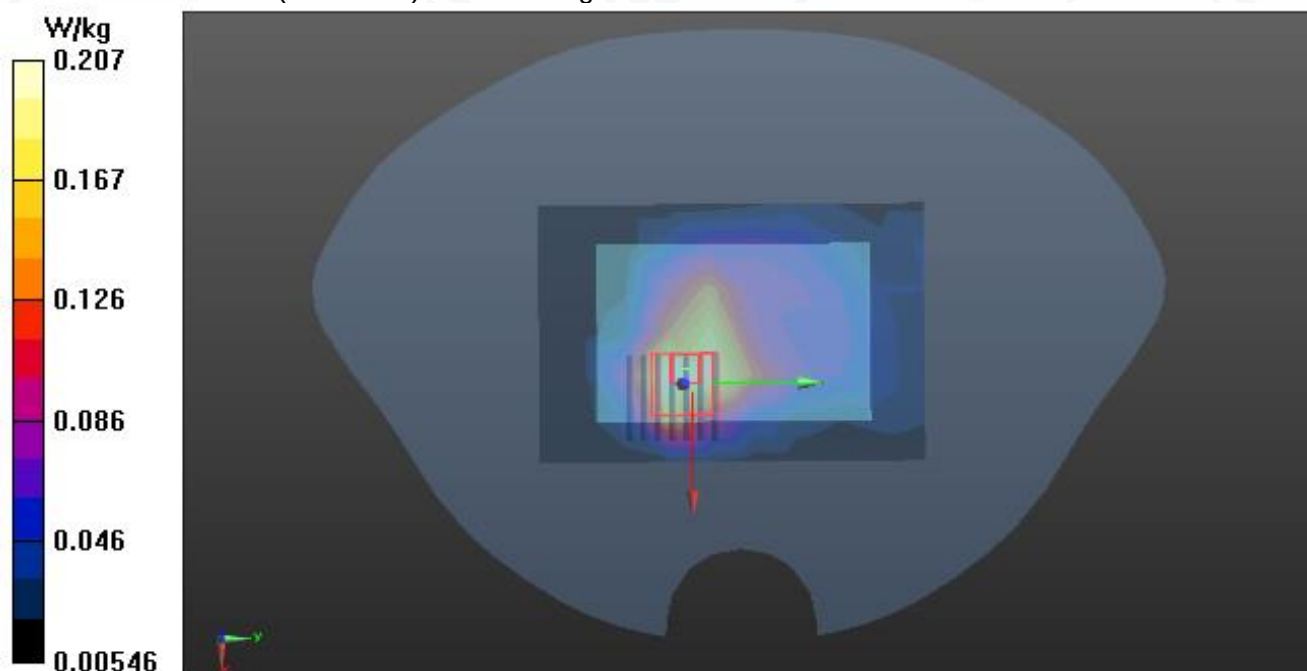
Configuration/BACK/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.472 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.207 W/kg



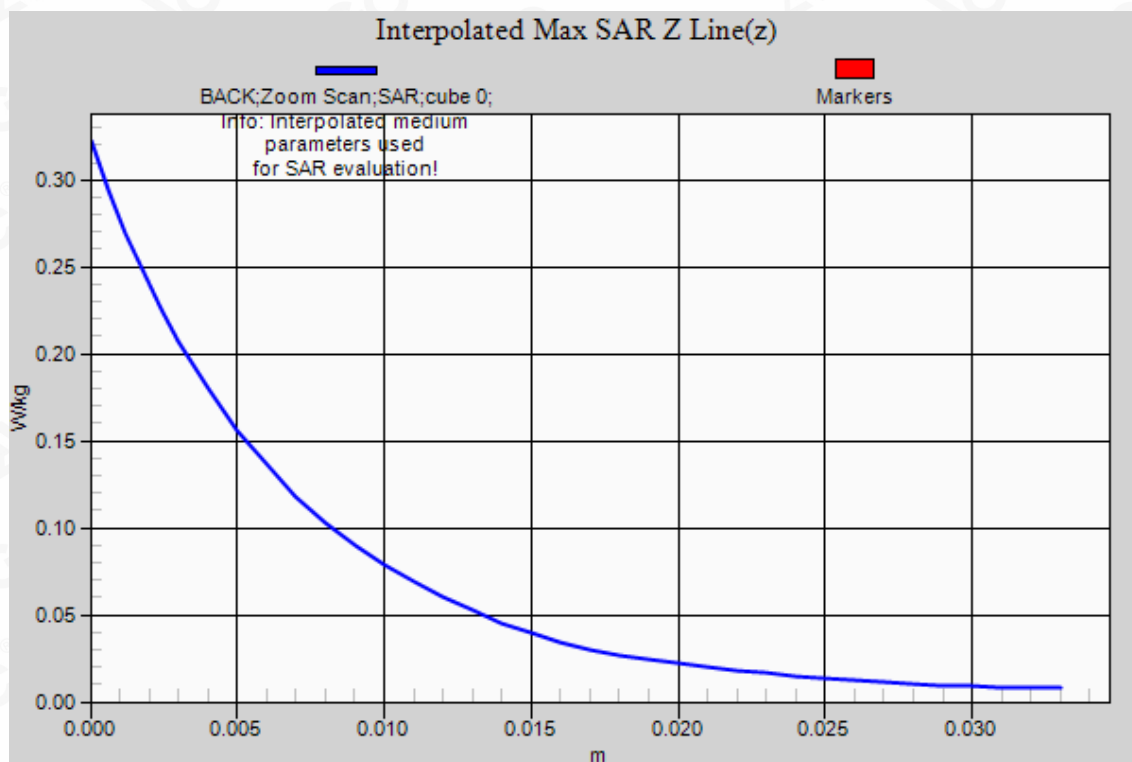
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Test Laboratory: AGC Lab
5.2GHz -802.11a CH48-High- Body- Back (Top)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 21, 2021

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1
Frequency: 5240 MHz; Medium parameters used: $f = 5250\text{MHz}$; $\sigma = 4.55\text{ mho/m}$; $\epsilon_r = 35.64$; $\rho = 1000\text{ kg/m}^3$;
Phantom section: Flat Section
Ambient temperature ($^{\circ}\text{C}$): 21.1, Liquid temperature ($^{\circ}\text{C}$): 20.9

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK-H/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.257 W/kg

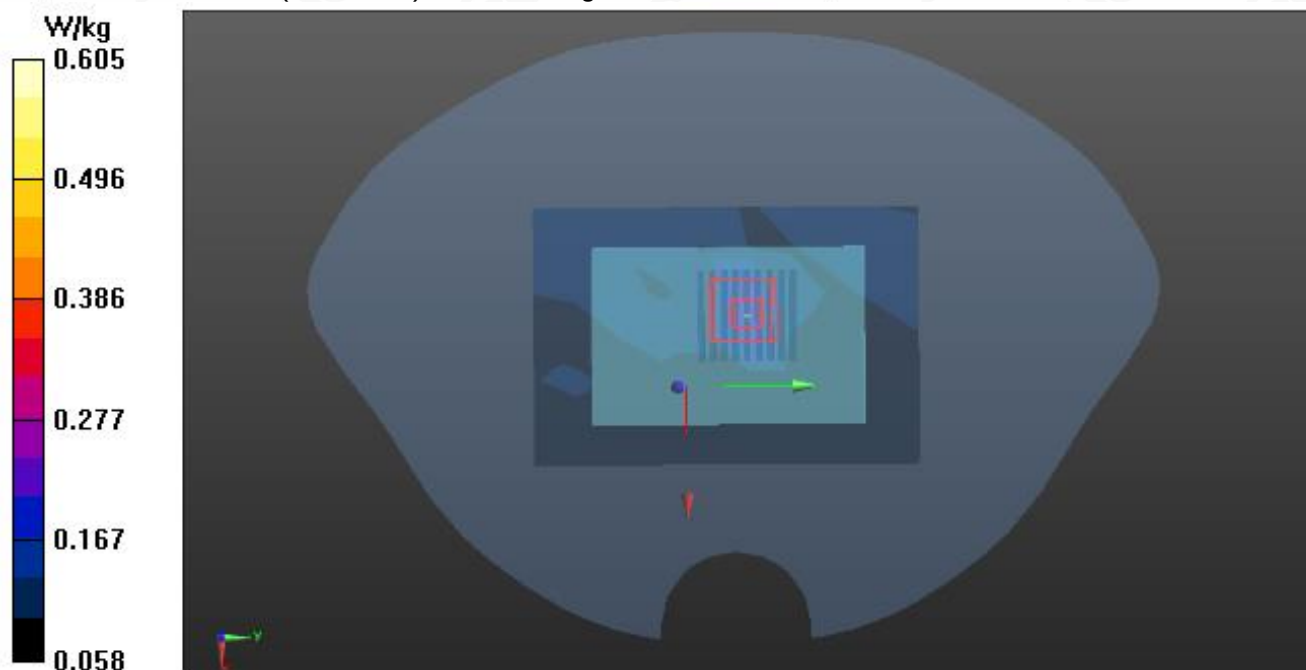
Configuration/BACK-H/Zoom Scan (9x9x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 6.607 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.605 W/kg



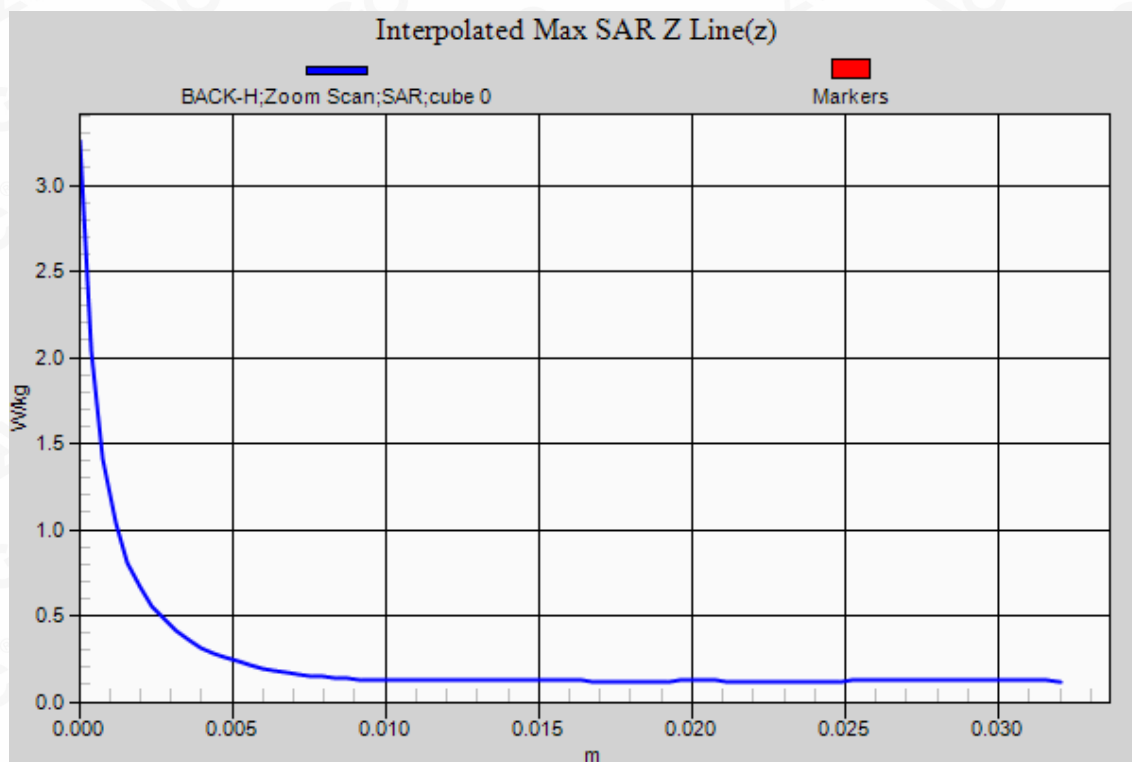
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Test Laboratory: AGC Lab
5.8GHz -802.11a- CH149-Low- Body- Back
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 22, 2021

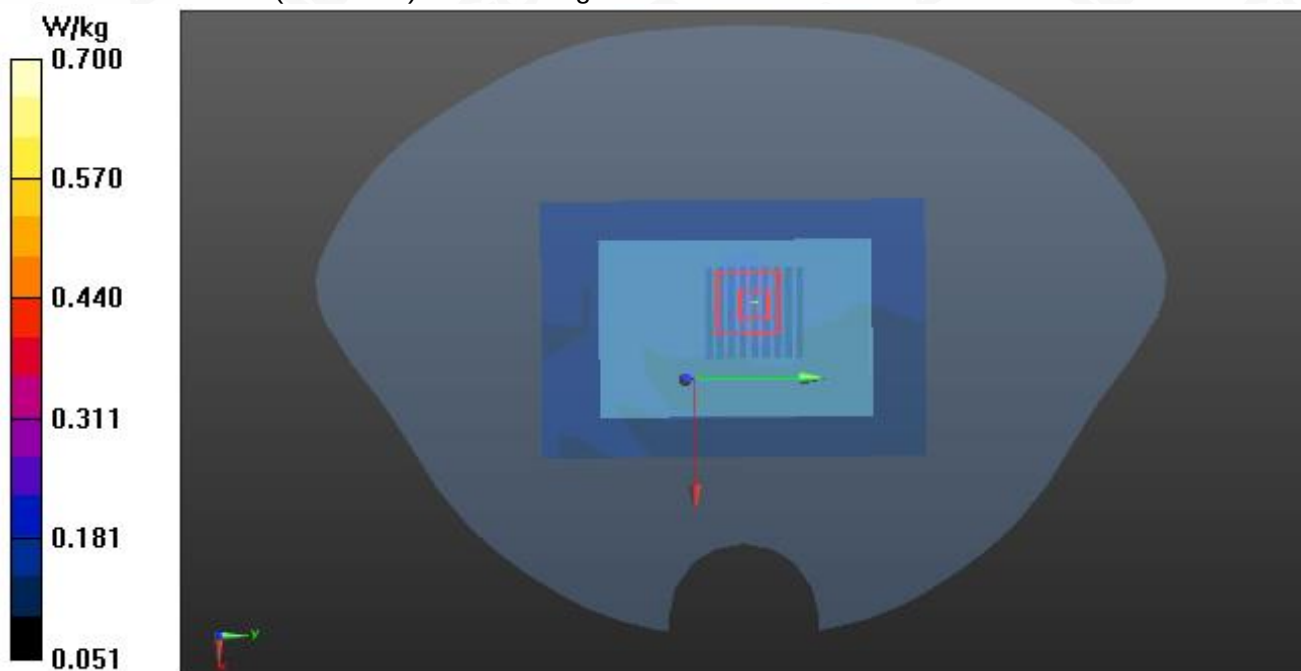
Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1
Frequency: 5745 MHz; Medium parameters used: $f = 5750$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 35.92$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 20.8, Liquid temperature (°C): 20.6

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(4.96, 4.96, 4.96); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK-L/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.682 W/kg

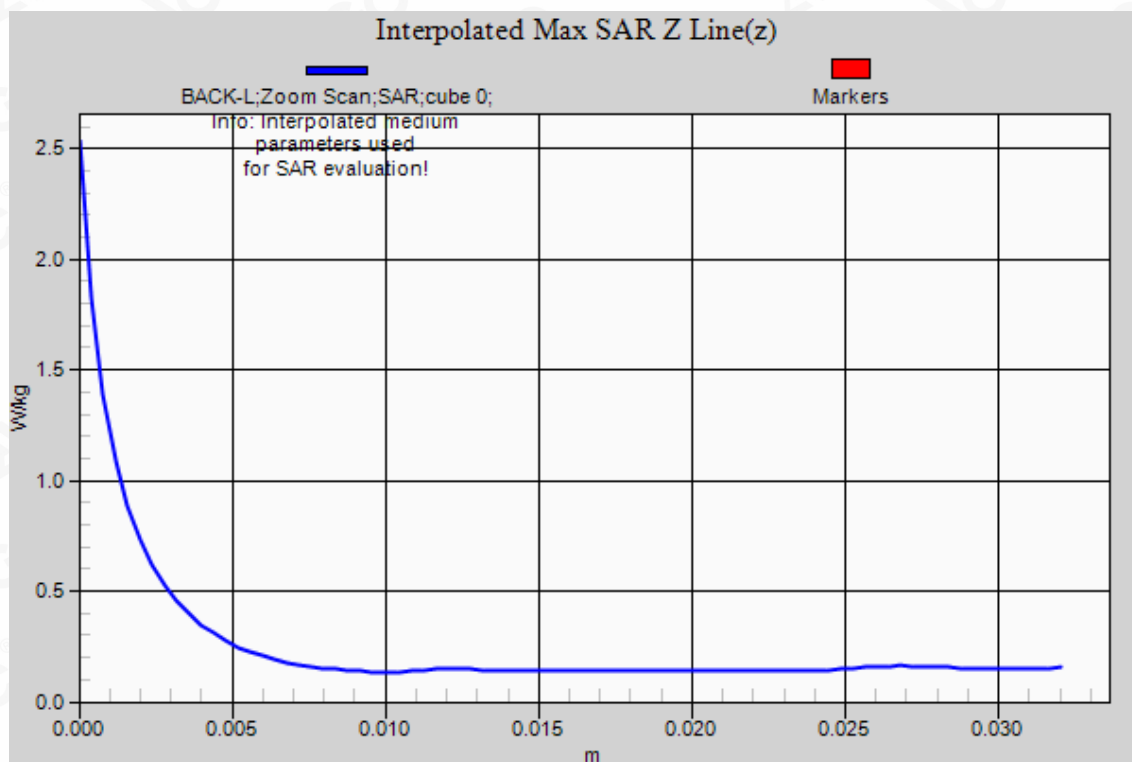
Configuration/BACK-L/Zoom Scan (9x9x16): Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm
Reference Value = 7.104 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.700 W/kg



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Repeated SAR

Test Laboratory: AGC Lab

Date: Dec. 29, 2021

GPRS 1900 Mid-Body- Back (3up) < SIM 1>

DUT: Brama L V2; Type: SoloProtect ID touch

Communication System: GPRS-3 Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.7;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 39.99$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/4ST-BACK-REPEATED/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.01 W/kg

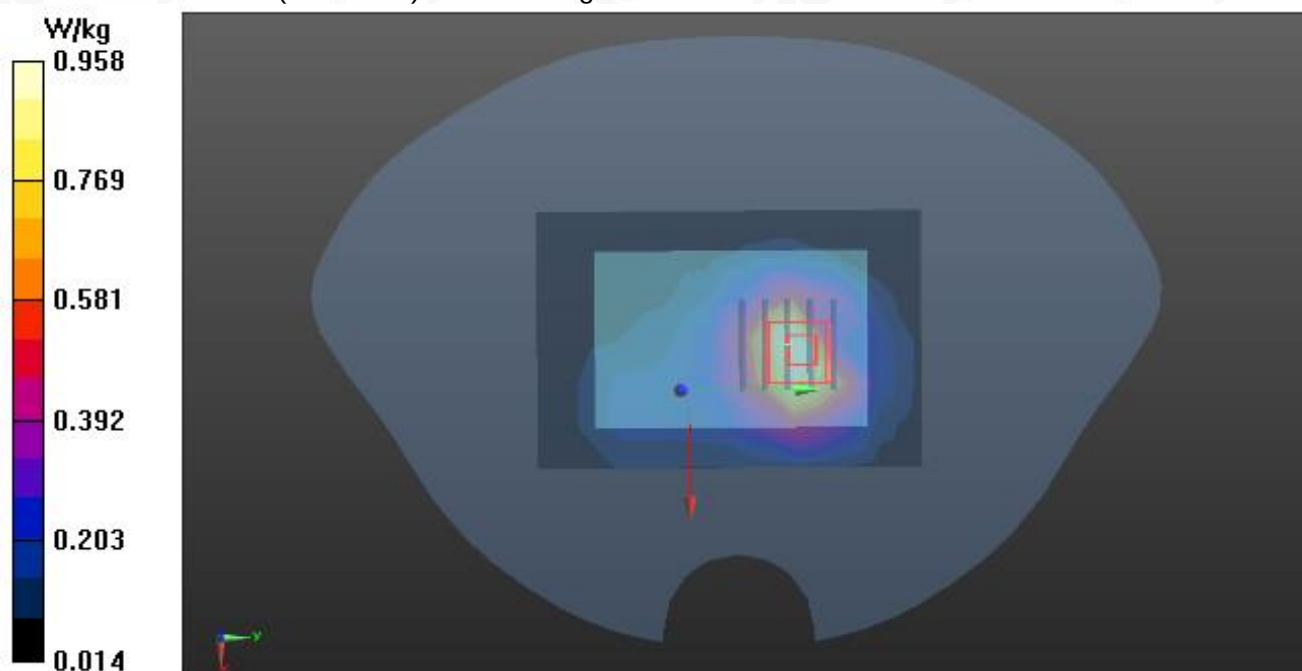
Configuration/4ST-BACK-REPEATED/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.602 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.469 W/kg

Maximum value of SAR (measured) = 0.958 W/kg



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Test Laboratory: AGC Lab
WCDMA Band II Mid -Body-Towards Grounds
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 29, 2021

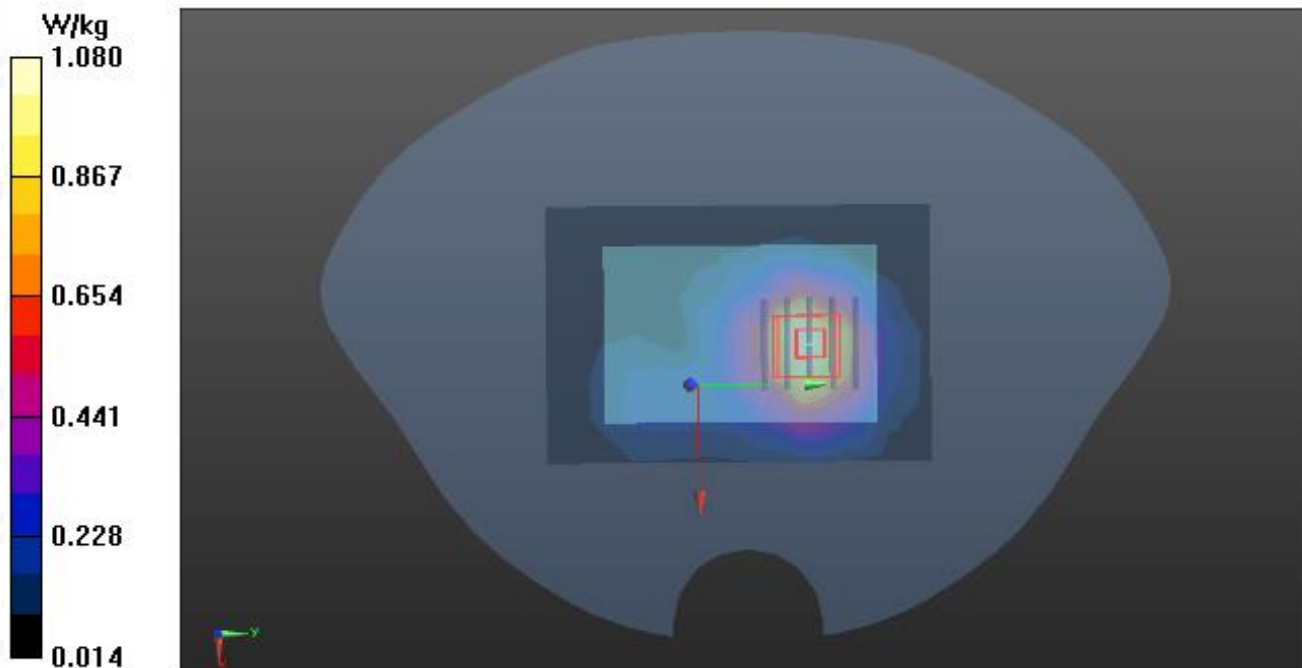
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.40$ mho/m; $\epsilon_r = 39.99$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/REPEATED/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.15 W/kg

Configuration/REPEATED/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 17.103 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



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Test Laboratory: AGC Lab
WCDMA Band V Low-Body-Towards Grounds
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 27, 2021

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle: 1:1;
Frequency: 826.4 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 40.98$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/BACK-L-REPEATED/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.12 W/kg

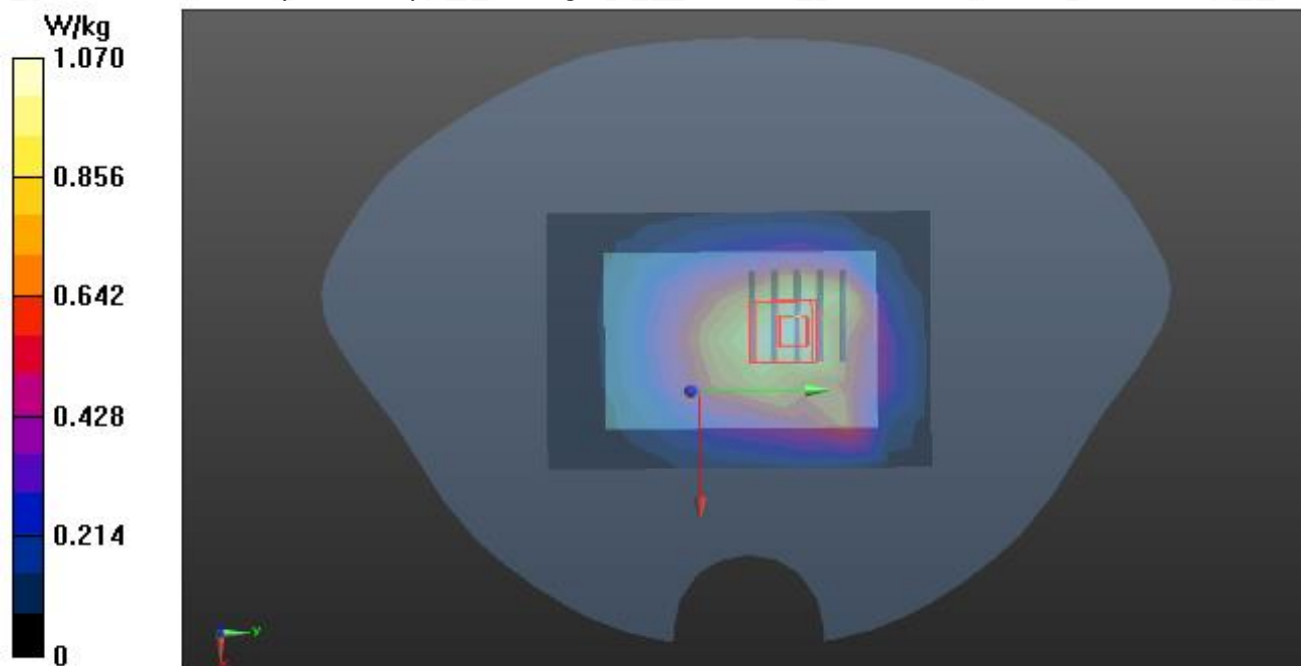
Configuration/BACK-L-REPEATED/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.749 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.570 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



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Test Laboratory: AGC Lab
LTE Band 4 Mid-Body-Back (1 RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 28, 2021

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1;
Frequency:1732.5 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 40.46$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/REPEATED/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.17 W/kg

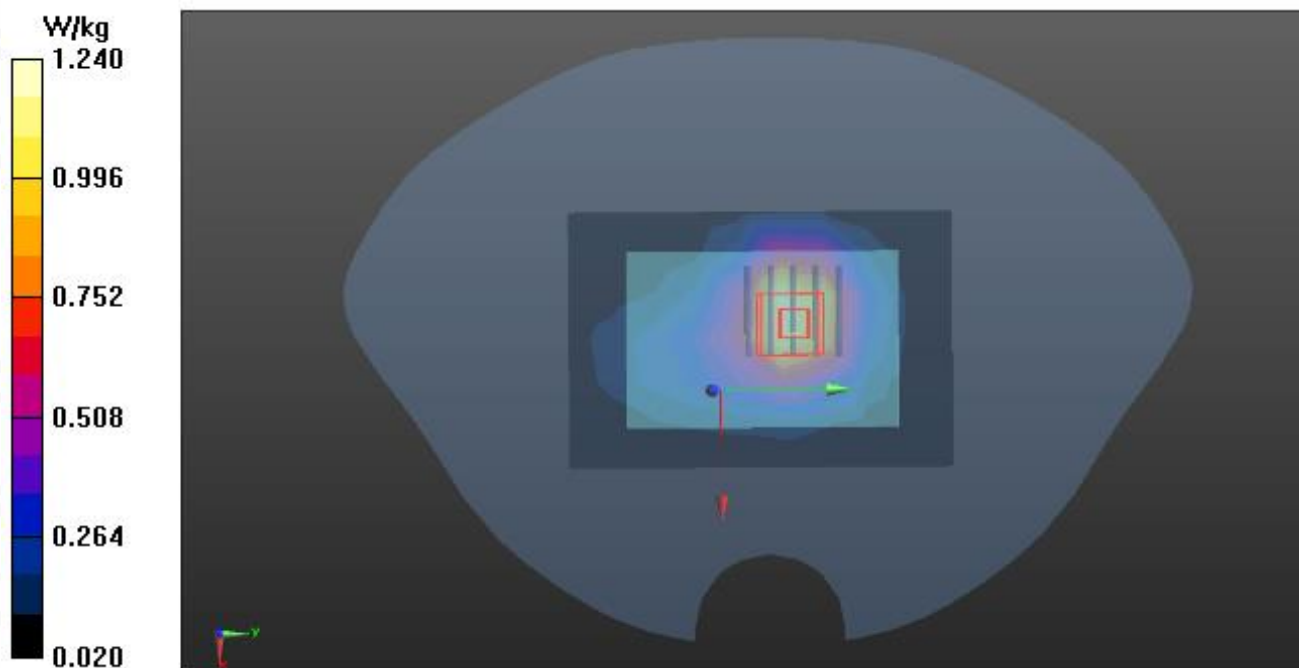
Configuration/REPEATED/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.546 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.631 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



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Test Laboratory: AGC Lab
LTE Band 7 Mid-Body-Back (1RB#0)
DUT: Brama L V2; Type: SoloProtect ID touch

Date: Dec. 19, 2021

Communication System: LTE; Communication System Band: LTE Band 7; Duty Cycle:1:1;
Frequency: 2535MHz; Medium parameters used: $f = 2600$ MHz; $\sigma = 1.90$ mho/m; $\epsilon_r = 39.42$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C): 21.4, Liquid temperature (°C): 21.2

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.42, 7.42, 7.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/REPEATED/Area Scan (7x10x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.20 W/kg

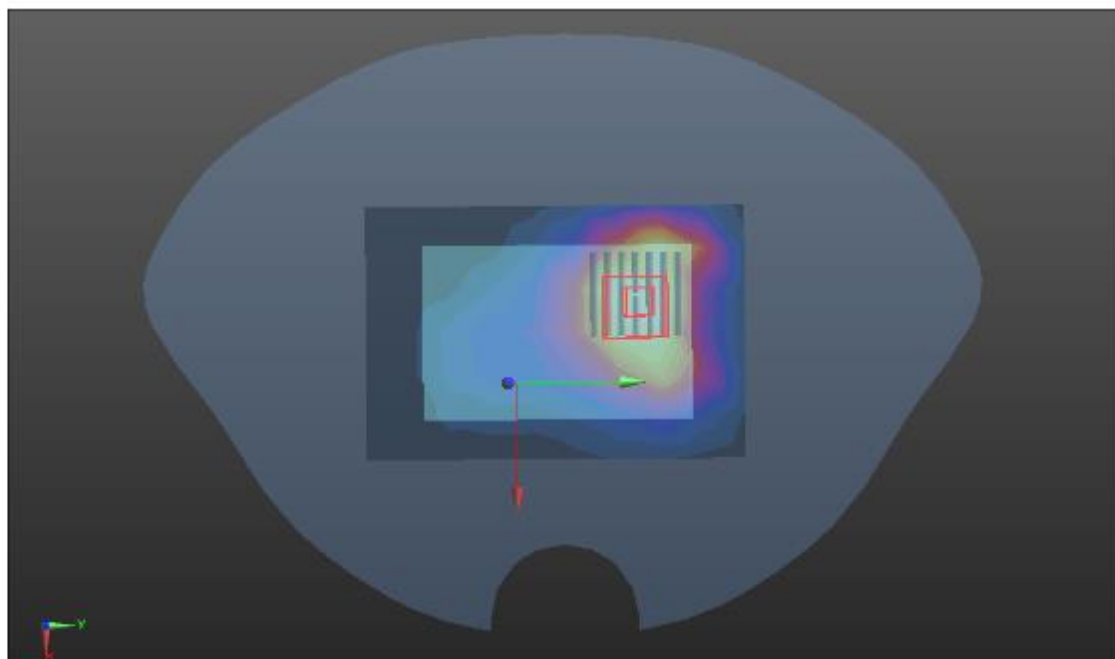
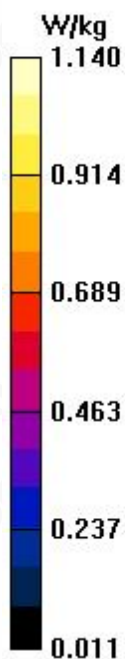
Configuration/REPEATED/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.382 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.478 W/kg

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



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APPENDIX C. TEST SETUP PHOTOGRAPHS

Body Back 5mm



Body Front 5mm

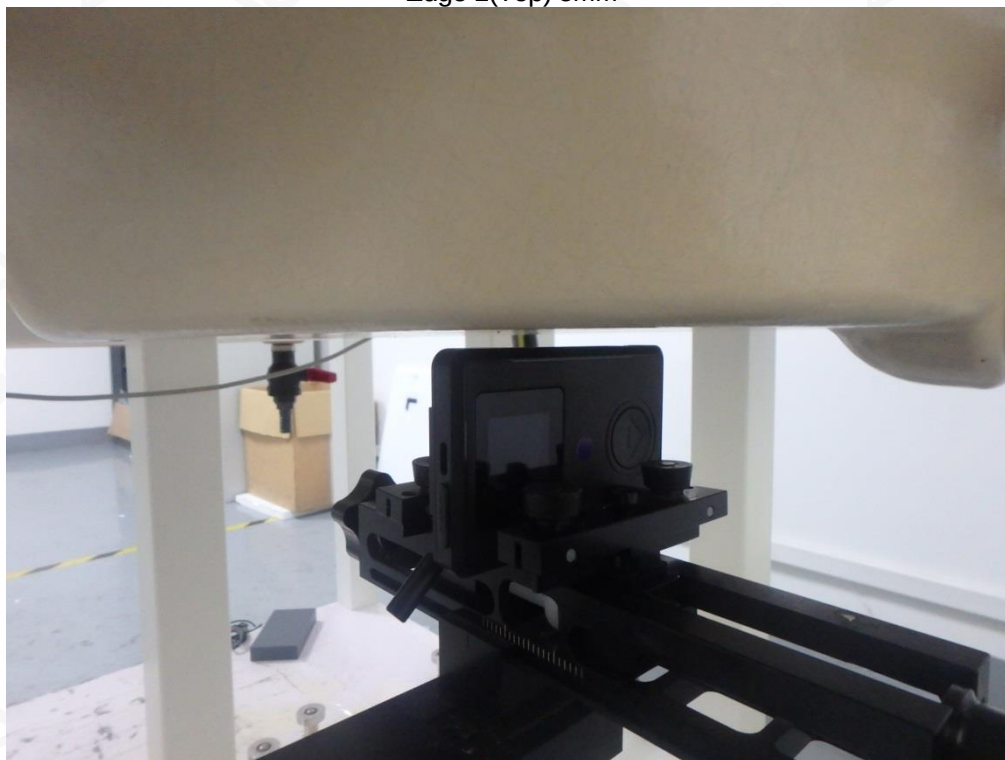


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Edge 1(Top) 5mm



Edge 2(Right) 5mm



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