

Conducted Power of LTE Band 4(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20025	20175	20325
15MHz	QPSK	1	0	0	22.70	22.31	22.18
			37	0	23.45	22.45	22.03
			74	0	23.07	22.42	22.14
		36	0	1	21.66	21.60	21.53
			16	1	21.98	21.52	21.57
			35	1	22.17	21.66	21.73
		75	0	1	22.01	21.21	21.15
	16QAM	1	0	1	22.15	21.58	21.76
			37	1	21.70	21.45	21.57
			74	1	21.96	21.70	21.57
		36	0	2	22.14	21.70	21.56
			16	2	21.69	21.56	21.72
			35	2	22.01	21.48	21.50
		75	0	2	20.98	20.22	20.17
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20050	20175	20300
20MHz	QPSK	1	0	0	23.04	22.13	22.26
			49	0	22.95	22.04	21.99
			99	0	23.11	22.30	22.51
		50	0	1	21.94	21.15	21.18
			25	1	21.92	21.14	21.17
			49	1	21.78	21.09	21.30
		100	0	1	21.81	21.25	21.19
	16QAM	1	0	1	21.91	20.87	21.92
			49	1	21.68	21.24	22.05
			99	1	21.75	21.06	21.99
		50	0	2	20.87	20.13	20.23
			25	2	21.03	20.16	20.23
			49	2	21.02	20.15	20.28
		100	0	2	20.85	20.15	20.16

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Conducted Power of LTE Band 5(dBm)							
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20407	20525	20643
1.4MHz	QPSK	1	0	0	23.78	22.90	23.20
			2	0	23.75	22.94	23.22
			5	0	23.65	22.96	23.15
		3	0	0	23.81	22.82	23.25
			1	0	23.77	22.86	23.30
			2	0	23.71	22.82	23.07
		6	0	1	22.69	21.85	22.31
	16QAM	1	0	1	22.69	21.65	22.17
			2	1	22.68	21.69	22.19
			5	1	22.58	21.77	22.17
		3	0	1	22.57	21.83	22.17
			1	1	22.61	21.67	22.07
			2	1	22.54	21.69	21.94
		6	0	2	21.67	20.86	21.32
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20415	20525	20635
3MHz	QPSK	1	0	0	23.91	22.88	23.33
			7	0	23.78	23.11	23.40
			14	0	23.90	23.03	23.51
		8	0	1	22.83	21.99	22.30
			4	1	22.84	21.85	22.28
			7	1	22.77	21.83	22.29
		15	0	1	22.81	22.00	22.22
	16QAM	1	0	1	22.73	21.91	22.27
			7	1	22.84	21.74	22.59
			14	1	22.84	21.83	22.28
		8	0	2	21.77	20.98	21.32
			4	2	21.83	20.81	21.37
			7	2	21.85	20.73	21.31
		15	0	2	21.81	20.88	21.30

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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	23.91	22.87	23.36
			12	0	23.85	23.19	23.53
			24	0	23.73	23.00	23.45
		12	0	1	22.79	21.83	22.40
			6	1	22.80	21.88	22.41
			11	1	22.70	22.09	22.44
		25	0	1	22.81	21.95	22.40
	16QAM	1	0	1	23.06	21.98	22.30
			12	1	22.90	22.18	22.35
			24	1	22.83	22.33	22.34
		12	0	2	21.85	21.18	21.37
			6	2	21.94	20.83	21.37
			11	2	21.79	20.88	21.34
		25	0	2	21.76	20.95	21.38
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20450	20525	20600
10MHz	QPSK	1	0	0	23.11	23.02	23.39
			24	0	22.94	23.71	23.40
			49	0	23.32	22.92	23.65
		25	0	1	22.06	22.24	22.53
			12	1	22.07	21.80	22.58
			25	1	21.90	21.79	22.46
		50	0	1	22.05	22.06	22.52
	16QAM	1	0	1	21.96	22.69	22.22
			24	1	22.18	22.17	22.28
			49	1	21.71	22.14	22.41
		25	0	2	20.94	21.28	21.50
			12	2	21.08	20.76	21.52
			25	2	21.08	20.76	21.60
		50	0	2	21.04	21.01	21.48

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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	24.02	24.05	23.38
			12	0	24.28	24.09	23.51
			24	0	24.30	24.23	23.59
		12	0	1	23.01	23.13	22.56
			6	1	23.01	23.13	22.57
			13	1	23.29	23.18	22.43
		25	0	1	23.16	23.19	22.48
	16QAM	1	0	1	22.90	23.07	22.48
			12	1	23.19	23.21	22.35
			24	1	23.17	23.13	22.29
		12	0	2	21.95	22.14	21.44
			6	2	21.94	22.15	21.50
			13	2	22.19	22.11	21.39
		25	0	2	22.11	22.14	21.46
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20800	21100	21400
10MHz	QPSK	1	0	0	24.54	24.21	23.81
			24	0	24.65	24.19	23.49
			49	0	24.13	24.29	23.44
		25	0	1	23.09	23.27	22.73
			12	1	23.08	23.18	22.53
			25	1	23.48	23.16	22.70
		50	0	1	23.27	23.16	22.56
	16QAM	1	0	1	23.34	22.93	22.65
			24	1	22.89	22.86	22.45
			49	1	23.29	23.01	22.43
		25	0	2	22.51	22.29	21.68
			12	2	22.12	22.14	21.67
			25	2	22.13	22.16	21.48
		50	0	2	22.30	22.16	21.57

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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	23.60	23.78	22.92
			37	0	24.09	23.62	22.87
			74	0	24.07	23.73	23.21
		36	0	1	22.58	22.65	21.86
			16	1	23.02	22.80	22.17
			35	1	22.91	22.76	21.89
		75	0	1	23.09	22.90	22.23
	16QAM	1	0	1	22.58	22.66	22.12
			37	1	23.03	22.82	21.80
			74	1	22.93	22.76	21.92
		36	0	2	23.03	22.72	21.85
			16	2	22.57	22.63	22.07
			35	2	22.88	22.80	21.87
		75	0	2	21.97	21.81	21.07
Bandwidth	Modulation	RB size	RB offset	Target MPR	Channel	Channel	Channel
					20850	21100	21350
20MHz	QPSK	1	0	0	23.92	23.68	23.33
			49	0	24.41	23.54	22.58
			99	0	23.53	23.96	22.85
		50	0	1	22.75	22.87	22.01
			25	1	22.77	22.74	21.93
			49	1	22.84	22.74	21.98
		100	0	1	22.80	22.81	21.96
	16QAM	1	0	1	22.54	22.70	22.11
			49	1	22.32	22.57	21.47
			99	1	23.11	22.92	21.69
		50	0	2	21.80	21.89	20.99
			25	2	21.76	21.69	20.97
			49	2	21.76	21.71	20.90
		100	0	2	21.77	21.79	20.97

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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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2.4G WIFI

Mode	Data Rate (Mbps)	Channel	Frequency(MHz)	Avg. Burst Power(dBm)
802.11b	1	01	2412	14.83
		06	2437	14.75
		11	2462	15.00
802.11g	6	01	2412	12.91
		06	2437	12.85
		11	2462	12.86
802.11n(20)	6.5	01	2412	12.97
		06	2437	12.94
		11	2462	12.92
802.11n(40)	13.5	03	2422	12.58
		06	2437	13.89
		09	2452	11.67

Bluetooth_V5.0 (BR/EDR)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK	0	2402	0.252
	39	2441	-2.721
	78	2480	-1.622
$\pi/4$ -DQPSK	0	2402	-0.200
	39	2441	-3.499
	78	2480	-2.321
8-DPSK	0	2402	-0.169
	39	2441	-3.475
	78	2480	-2.292

Bluetooth_V5.0 (BLE)

Modulation	Channel	Frequency(MHz)	Peak Power (dBm)
GFSK	0	2402	-6.738
	19	2440	-6.699
	39	2480	-6.542

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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	12.23	12.08	12.04	11.92	11.70	11.68	11.54	11.47
	40	5200	11.96	11.83	11.71	11.64	11.55	11.44	11.27	11.23
	44	5220	11.86	11.76	11.55	11.51	11.44	11.29	11.11	11.13
	48	5240	12.44	12.32	12.12	12.10	12.02	11.91	11.85	11.65
	52	5260	13.01	12.92	12.70	12.65	12.56	12.46	12.32	12.28
	56	5280	13.22	13.12	13.03	12.85	12.78	12.70	12.55	12.44
	60	5300	13.28	13.12	13.02	12.95	12.85	12.69	12.66	12.52
	64	5320	13.53	13.40	13.36	13.21	13.02	12.96	12.85	12.71
	149	5745	11.94	11.79	11.65	11.59	11.46	11.36	11.28	11.25
	157	5785	12.48	12.36	12.28	12.09	12.04	11.96	11.82	11.74
	165	5825	13.14	13.00	12.92	12.78	12.65	12.57	12.56	12.37
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11n (20)	36	5180	11.95	11.88	11.74	11.64	11.49	11.40	11.27	11.19
	40	5200	12.19	12.07	11.91	11.87	11.76	11.65	11.54	11.46
	44	5220	12.15	12.04	11.80	11.80	11.73	11.52	11.41	11.40
	48	5240	12.74	12.61	12.45	12.40	12.30	12.24	12.15	11.97
	52	5260	11.94	11.85	11.72	11.58	11.50	11.36	11.22	11.22
	56	5280	11.88	11.72	11.63	11.51	11.42	11.35	11.25	11.14
	60	5300	13.20	13.03	12.96	12.87	12.73	12.68	12.56	12.44
	64	5320	13.48	13.35	13.28	13.16	13.01	12.95	12.73	12.73
	149	5745	11.69	11.52	11.45	11.34	11.23	11.15	11.02	10.97
	157	5785	12.39	12.26	12.17	12.00	11.99	11.84	11.75	11.66
	165	5825	12.87	12.75	12.62	12.51	12.38	12.30	12.23	12.12
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11n (40)	38	5190	12.32	12.17	12.10	12.04	11.86	11.77	11.65	11.53
	46	5230	12.76	12.63	12.50	12.41	12.33	12.24	12.07	12.06
	54	5270	12.49	12.39	12.21	12.15	12.07	11.95	11.81	11.75
	62	5310	13.46	13.34	13.19	13.17	13.02	12.92	12.83	12.64
	151	5755	11.88	11.79	11.65	11.52	11.44	11.35	11.21	11.12
	159	5795	12.53	12.43	12.31	12.10	12.07	12.03	11.85	11.77

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Mode	channel	Frequency	Power(dBm)							
			Data Rate(bps)							
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (20)	36	5180	11.96	11.84	11.74	11.68	11.50	11.48	11.29	11.25
	40	5200	12.06	11.91	11.80	11.75	11.63	11.55	11.37	11.34
	44	5220	11.99	11.85	11.71	11.64	11.57	11.42	11.31	11.27
	48	5240	12.65	12.52	12.38	12.37	12.21	12.14	12.02	11.82
	52	5260	12.01	11.98	11.78	11.62	11.57	11.41	11.34	11.26
	56	5280	13.04	12.94	12.82	12.65	12.58	12.55	12.36	12.33
	60	5300	13.24	13.05	13.00	12.96	12.77	12.63	12.59	12.42
	64	5320	13.64	13.56	13.43	13.32	13.17	13.00	12.95	12.89
	149	5745	11.81	11.62	11.56	11.45	11.35	11.25	11.13	11.05
	157	5785	12.29	12.13	12.02	11.93	11.89	11.72	11.64	11.52
	165	5825	12.99	12.86	12.76	12.66	12.50	12.46	12.35	12.24
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (40)	38	5190	12.30	12.12	12.08	11.98	11.84	11.75	11.64	11.54
	46	5230	12.65	12.55	12.39	12.35	12.22	12.13	11.96	11.92
	54	5270	12.36	12.26	12.08	12.04	11.94	11.79	11.65	11.61
	62	5310	13.39	13.22	13.12	13.07	12.95	12.86	12.72	12.62
	151	5755	11.96	11.85	11.73	11.64	11.52	11.41	11.23	11.24
	159	5795	12.61	12.58	12.39	12.21	12.15	12.09	11.92	11.87
			MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
802.11ac (80)	42	5210	12.79	12.71	12.54	12.44	12.32	12.26	12.13	12.04
	58	5290	13.38	13.27	13.17	13.05	12.94	12.83	12.65	12.65
	155	5775	12.72	12.54	12.45	12.41	12.31	12.16	12.02	11.98

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13. TEST RESULTS

13.1. SAR Test Results Summary

13.1.1. Test position and configuration

Head SAR was performed with the device configured in the positions according to IEEE 1528-2013, Body-worn and 4 Edges SAR was performed with the device 10mm 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

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1RB allocation and the highest reported SAR is >1.45 W/kg, the remaining required test channels must also be tested.

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 ≤ 1.45 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 ≤ 1.45 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 (%): 51.8					
Product: 4G Smart Phone									
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									
Left Cheek	voice	190	836.6	0.07	0.627	33.40	32.56	0.761	1.6
Left Tilt	voice	190	836.6	0.05	0.297	33.40	32.56	0.360	1.6
Right Cheek	voice	190	836.6	0.04	0.546	33.40	32.56	0.663	1.6
Right Tilt	voice	190	836.6	0.15	0.245	33.40	32.56	0.297	1.6
Body back	voice	190	836.6	-0.02	0.465	33.40	32.56	0.564	1.6
Body front	voice	190	836.6	0.09	0.378	33.40	32.56	0.459	1.6
Body back	GPRS-2 slot	128	824.2	-0.01	0.751	32.80	31.74	0.959	1.6
Body back	GPRS-2 slot	190	836.6	-0.07	0.793	32.80	31.69	1.024	1.6
Body back	GPRS-2 slot	251	848.8	-0.09	0.758	32.80	31.70	0.976	1.6
Body front	GPRS-2 slot	190	836.6	0.01	0.631	32.80	31.69	0.815	1.6
Edge 2(Right)	GPRS-2 slot	190	836.6	-0.08	0.619	32.80	31.69	0.799	1.6
Edge 3(Bottom)	GPRS-2 slot	190	836.6	0.08	0.097	32.80	31.69	0.125	1.6
Edge 4(Left)	GPRS-2 slot	190	836.6	-0.18	0.416	32.80	31.69	0.537	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 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 54.3					
Product: 4G Smart Phone									
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									
Left Cheek	voice	661	1880.0	0.02	0.266	29.50	29.35	0.275	1.6
Left Tilt	voice	661	1880.0	0.14	0.120	29.50	29.35	0.124	1.6
Right Cheek	voice	661	1880.0	0.19	0.109	29.50	29.35	0.113	1.6
Right Tilt	voice	661	1880.0	-0.14	0.086	29.50	29.35	0.089	1.6
Body back	voice	661	1880.0	0.18	0.425	29.50	29.35	0.440	1.6
Body front	voice	661	1880.0	-0.04	0.333	29.50	29.35	0.345	1.6
Body back	GPRS-3 slot	661	1880.0	-0.01	0.737	26.50	26.41	0.752	1.6
Body front	GPRS-3 slot	661	1880.0	-0.16	0.594	26.50	26.41	0.606	1.6
Edge 2(Right)	GPRS-3 slot	661	1880.0	-0.01	0.235	26.50	26.41	0.240	1.6
Edge 3(Bottom)	GPRS-3 slot	661	1880.0	-0.05	0.285	26.50	26.41	0.291	1.6
Edge 4(Left)	GPRS-3 slot	661	1880.0	0.18	0.269	26.50	26.41	0.275	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 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 54.3					
Product: 4G Smart Phone									
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)
Left Cheek	RMC 12.2kbps	9400	1880	0.14	0.133	22.00	21.92	0.135	1.6
Left Tilt	RMC 12.2kbps	9400	1880	0.13	0.062	22.00	21.92	0.063	1.6
Right Cheek	RMC 12.2kbps	9400	1880	-0.11	0.210	22.00	21.92	0.214	1.6
Right Tilt	RMC 12.2kbps	9400	1880	0.16	0.143	22.00	21.92	0.146	1.6
Body back	RMC 12.2kbps	9400	1880	-0.05	0.671	22.00	21.92	0.683	1.6
Body front	RMC 12.2kbps	9400	1880	0.01	0.256	22.00	21.92	0.261	1.6
Edge 2(Right)	RMC 12.2kbps	9400	1880	0.13	0.146	22.00	21.92	0.149	1.6
Edge 3(Bottom)	RMC 12.2kbps	9400	1880	0.07	0.171	22.00	21.92	0.174	1.6
Edge 4(Left)	RMC 12.2kbps	9400	1880	-0.15	0.374	22.00	21.92	0.381	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 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15					Relative Humidity (%): 51.8				
Product: 4G Smart Phone									
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)
Left Cheek	RMC 12.2kbps	4183	836.6	0.09	0.298	22.90	22.24	0.347	1.6
Left Tilt	RMC 12.2kbps	4183	836.6	0.03	0.181	22.90	22.24	0.211	1.6
Right Cheek	RMC 12.2kbps	4183	836.6	-0.02	0.298	22.90	22.24	0.347	1.6
Right Tilt	RMC 12.2kbps	4183	836.6	0.11	0.166	22.90	22.24	0.193	1.6
Body back	RMC 12.2kbps	4183	836.6	-0.02	0.468	22.90	22.24	0.545	1.6
Body front	RMC 12.2kbps	4183	836.6	0.05	0.314	22.90	22.24	0.366	1.6
Edge 2(Right)	RMC 12.2kbps	4183	836.6	0.14	0.384	22.90	22.24	0.447	1.6
Edge 3(Bottom)	RMC 12.2kbps	4183	836.6	0.15	0.069	22.90	22.24	0.080	1.6
Edge 4(Left)	RMC 12.2kbps	4183	836.6	0.14	0.281	22.90	22.24	0.327	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 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 58.9						
Product: 4G Smart Phone												
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	Left Cheek	1	0	18900	1880	-0.17	0.666	22.20	21.85	0.722	1.6
		Left Tilt	1	0	18900	1880	-0.02	0.294	22.20	21.85	0.319	1.6
		Right Cheek	1	0	18900	1880	0.19	0.264	22.20	21.85	0.286	1.6
		Right Tilt	1	0	18900	1880	0.07	0.208	22.20	21.85	0.225	1.6
		Body back	1	0	18700	1860	-0.03	0.986	22.20	22.00	1.032	1.6
		Body back	1	0	18900	1880	-0.02	1.050	22.20	21.85	1.138	1.6
		Body back	1	0	19100	1900	0.06	0.988	22.20	21.75	1.096	1.6
		Body front	1	0	18700	1860	0.04	0.782	22.20	22.00	0.819	1.6
		Body front	1	0	18900	1880	0.01	0.845	22.20	21.85	0.916	1.6
		Body front	1	0	19100	1900	0.01	0.766	22.20	21.75	0.850	1.6
		Edge 2(Right)	1	0	18900	1880	-0.04	0.337	22.20	21.85	0.365	1.6
		Edge 3(Bottom)	1	0	18900	1880	-0.12	0.396	22.20	21.85	0.429	1.6
		Edge 4(Left)	1	0	18900	1880	0.08	0.959	22.20	21.85	1.039	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 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 55.2						
Product: 4G Smart Phone												
Test Mode: LTE Band 4												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift (± 0.2 dB)	SAR (1g) (W/kg)	Max. Tuneu p Power (dBm)	Meas. output Power (dBm)	Scaled SAR (W/kg)	Limit (W/kg)
			UL RB Allocation	UL RB START								
20	QPSK	Left Cheek	1	0	20175	1732.5	0.06	0.651	22.30	22.13	0.677	1.6
		Left Tilt	1	0	20175	1732.5	0.05	0.255	22.30	22.13	0.265	1.6
		Right Cheek	1	0	20175	1732.5	0.16	0.255	22.30	22.13	0.265	1.6
		Right Tilt	1	0	20175	1732.5	0.15	0.260	22.30	23.04	0.219	1.6
		Body back	1	0	20050	1720	0.03	0.792	22.30	22.13	0.824	1.6
		Body back	1	0	20175	1732.5	0.14	0.818	22.30	22.26	0.826	1.6
		Body back	1	0	20300	1745	0.06	0.804	22.30	22.13	0.836	1.6
		Body front	1	0	20175	1732.5	-0.10	0.645	22.30	22.13	0.671	1.6
		Edge 2(Right)	1	0	20175	1732.5	0.17	0.207	22.30	22.13	0.215	1.6
		Edge 3(Bottom)	1	0	20175	1732.5	0.08	0.785	22.30	22.13	0.816	1.6
		Edge 4(Left)	1	0	20175	1732.5	0.01	0.743	22.30	22.13	0.773	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 10mm of all above table.80

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SAR MEASUREMENT												
Depth of Liquid (cm):>15					Relative Humidity (%): 57.2							
Product: 4G Smart Phone												
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	Left Cheek	1	0	20525	836.5	0.10	0.350	24.00	23.02	0.439	1.6
		Left Tilt	1	0	20525	836.5	0.13	0.163	24.00	23.02	0.204	1.6
		Right Cheek	1	0	20525	836.5	0.18	0.372	24.00	23.02	0.466	1.6
		Right Tilt	1	0	20525	836.5	0.06	0.144	24.00	23.02	0.180	1.6
		Body back	1	0	20525	836.5	-0.02	0.489	24.00	23.02	0.613	1.6
		Body front	1	0	20525	836.5	0.02	0.402	24.00	23.02	0.504	1.6
		Edge 2(Right)	1	0	20525	836.5	-0.01	0.351	24.00	23.02	0.440	1.6
		Edge 3(Bottom)	1	0	20525	836.5	0.11	0.062	24.00	23.02	0.078	1.6
		Edge 4(Left)	1	0	20525	836.5	0.06	0.231	24.00	23.02	0.289	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 10mm of all above table.

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SAR MEASUREMENT												
Depth of Liquid (cm):>15						Relative Humidity (%): 57.2						
Product: 4G Smart Phone												
Test Mode: LTE Band 7												
BM MHz	MOD	Position	Test Mode		Ch.	Freq. (MHz)	Power Drift ($\leq \pm 0.2$ 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	Left Cheek	1	0	21100	2535	-0.10	0.398	24.00	23.68	0.428	1.6
		Left Tilt	1	0	21100	2535	0.16	0.062	24.00	23.68	0.067	1.6
		Right Cheek	1	0	21100	2535	0.14	0.187	24.00	23.68	0.201	1.6
		Right Tilt	1	0	21100	2535	0.19	0.083	24.00	23.68	0.089	1.6
		Body back	1	0	20850	2510	0.11	1.140	24.00	23.92	1.161	1.6
		Body back	1	0	21100	2535	0.05	1.130	24.00	23.68	1.216	1.6
		Body back	1	0	21350	2560	0.08	1.090	24.00	23.33	1.272	1.6
		Body front	1	0	21100	2535	-0.06	0.724	24.00	23.68	0.779	1.6
		Edge 2(Right)	1	0	21100	2535	0.18	0.053	24.00	23.68	0.057	1.6
		Edge 3(Bottom)	1	0	20850	2510	-0.13	1.060	24.00	23.92	1.080	1.6
		Edge 3(Bottom)	1	0	21100	2535	0.16	1.070	24.00	23.68	1.152	1.6
		Edge 3(Bottom)	1	0	21350	2560	-0.12	0.942	24.00	23.33	1.099	1.6
		Edge 4(Left)	1	0	21100	2535	0.14	0.532	24.00	23.68	0.573	1.6
		Body Back + Ear.	1	0	20850	2510	-0.14	1.110	24.00	23.92	1.131	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 10mm of all above table.

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SAR MEASUREMENT									
Depth of Liquid (cm):>15				Relative Humidity (%): 53.6					
Product: 4G Smart Phone									
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)
Left Cheek	DTS	6	2437	0.15	0.557	14.80	14.75	0.563	1.6
Left Tilt	DTS	6	2437	-0.18	0.383	14.80	14.75	0.387	1.6
Right Cheek	DTS	6	2437	-0.01	0.184	14.80	14.75	0.186	1.6
Right Tilt	DTS	6	2437	0.07	0.149	14.80	14.75	0.151	1.6
Body back	DTS	6	2437	0.18	0.145	14.80	14.75	0.147	1.6
Body front	DTS	6	2437	0.15	0.153	14.80	14.75	0.155	1.6
Edge 1(Top)	DTS	6	2437	-0.15	0.278	14.80	14.75	0.281	1.6
Edge 2(Right)	DTS	6	2437	0.19	0.495	14.80	14.75	0.501	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 10mm of all above table.

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SAR MEASUREMENT								
Depth of Liquid (cm):>15				Relative Humidity (%): 58.9				
Product: 4G Smart Phone								
Test Mode: 5.2GHz 802.11ac(80)								
Position	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)
Left Cheek	42	5210	0.09	0.331	12.80	12.79	0.332	1.6
Left Tilt	42	5210	0.11	0.171	12.80	12.79	0.171	1.6
Right Cheek	42	5210	0.18	0.175	12.80	12.79	0.175	1.6
Right Tilt	42	5210	0.13	0.126	12.80	12.79	0.126	1.6
Body back	42	5210	0.18	0.124	12.80	12.79	0.124	1.6
Body front	42	5210	0.17	0.131	12.80	12.79	0.131	1.6
Edge 1 (Top)	42	5210	0.08	0.117	12.80	12.79	0.117	1.6
Edge 2(Right)	42	5210	0.09	0.073	12.80	12.79	0.073	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 10mm of all above table.

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SAR MEASUREMENT								
Depth of Liquid (cm):>15				Relative Humidity (%): 57.2				
Product: 4G Smart Phone								
Test Mode: 5.3GHz 802.11ac(20)								
Position	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)
Left Cheek	56	5280	0.09	0.295	13.70	13.04	0.343	1.6
Left Tilt	56	5280	0.17	0.154	13.70	13.04	0.179	1.6
Right Cheek	56	5280	0.13	0.190	13.70	13.04	0.221	1.6
Right Tilt	56	5280	0.10	0.096	13.70	13.04	0.112	1.6
Body back	56	5280	0.19	0.071	13.70	13.04	0.083	1.6
Body front	56	5280	0.16	0.092	13.70	13.04	0.107	1.6
Edge 1 (Top)	56	5280	0.14	0.018	13.70	13.04	0.021	1.6
Edge 2(Right)	56	5280	0.15	0.092	13.70	13.04	0.107	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 10mm of all above table.

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SAR MEASUREMENT								
Depth of Liquid (cm):>15				Relative Humidity (%): 54.2				
Product: 4G Smart Phone								
Test Mode: 5.8GHz 802.11a								
Position	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)
Left Cheek	157	5785	0.05	0.557	12.40	12.36	0.562	1.6
Left Tilt	157	5785	0.04	0.268	12.40	12.36	0.270	1.6
Right Cheek	157	5785	0.15	0.232	12.40	12.36	0.234	1.6
Right Tilt	157	5785	0.11	0.149	12.40	12.36	0.150	1.6
Body back	157	5785	-0.18	0.062	12.40	12.36	0.063	1.6
Body front	157	5785	0.09	0.054	12.40	12.36	0.054	1.6
Edge 1 (Top)	157	5785	0.13	0.062	12.40	12.36	0.063	1.6
Edge 2(Right)	157	5785	0.15	0.051	12.40	12.36	0.051	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 10mm of all above table.

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Repeated SAR											
Product: 4G Smart Phone											
Test Mode: LTE Band 2& LTE Band 4& LTE Band 7											
Position	Test Mode		Ch.	Fr. (MHz)	Power Drift ($\leq \pm 0.2$ dB)	Once SAR (1g) (W/kg)	Power Drift ($\leq \pm 5\%$)	Twice SAR (1g) (W/kg)	Power Drift ($\leq \pm 0.2$ dB)	Third SAR (1g) (W/kg)	Limit (W/kg)
	UL RB Allocation	UL RB START									
Body back	1	0	18900	1880	0.03	1.050	--	--	--	--	1.6
Body back	1	0	20175	1732.5	0.08	0.815	--	--	--	--	1.6
Body back	1	0	20850	2510	0.15	1.100	--	--	--	--	1.6

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Simultaneous Multi-band Transmission Evaluation:

Application Simultaneous Transmission information:

NO	Simultaneous state	Portable Handset		
		Head	Body-worn	Hotspot
1	GSM(voice)+ WLAN 2.4GHz (data)	Yes	Yes	-
2	GSM(voice)+ WLAN 5GHz (data)	Yes	Yes	-
3	GSM(voice)+ Bluetooth(data)	-	Yes	-
4	GSM(voice)+ WLAN 5GHz (data) + Bluetooth(data)	Yes	Yes	Yes
5	GSM (Data) + WLAN 2.4GHz (data)	-	Yes	Yes
6	GSM (Data) + WLAN 5GHz (data)	-	Yes	Yes
7	GSM (Data) + Bluetooth(data)	-	Yes	Yes
8	GSM (Data) + WLAN 5GHz (data) + Bluetooth(data)	Yes	Yes	Yes
9	WCDMA+ WLAN 2.4GHz (data)	Yes	Yes	Yes
10	WCDMA+ WLAN 5GHz (data)	Yes	Yes	Yes
11	WCDMA+ Bluetooth(data)	-	Yes	Yes
12	WCDMA+ WLAN 5GHz (data) + Bluetooth(data)	Yes	Yes	Yes
13	LTE + WLAN 2.4GHz (data)	Yes	Yes	Yes
14	LTE + WLAN 5GHz (data)	Yes	Yes	Yes
15	LTE + Bluetooth(data)	--	Yes	Yes
16	LTE + WLAN 5GHz (data) + Bluetooth(data)	Yes	Yes	Yes

NOTE:

- 5GHz WIFI and BT with different antennas. , and can transmit simultaneously.
- BT and 2.4GWIFI share one antenna, and cannot transmit simultaneously.
- For simultaneous transmission at head and body exposure position, 3 transmitters simultaneous transmission was the worst state.
- Based upon KDB 447498 D01, BT SAR is excluded as below table.
- Based upon 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 0mm for head SAR AND 10mm for body-worn SAR.
- 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.
- If the test separation distance is < 5 mm, 5mm is used for excluded SAR calculation.
- According to KDB 447498 D01 4.3.2, simultaneous transmission SAR test exclusion is as follow:
 - 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.
 - Any transmitters and antennas should be considered when calculating simultaneous mode.

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- (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 $\leq 50 \text{ mm}$;
where $x = 7.5$ for 1-g SAR, and $x = 18.75$ for 10-g SAR.
9. 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 $(\text{SAR}_1 + \text{SAR}_2)1.5/R_i$, 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	Head	1	1.26	0	0.052
	Body	1	1.26	10	0.026

Maximum test results (WWAN) with BT SAR:

BT: Head (0 cm gap): 0.052W/kg and Body (1.0 cm gap): 0.026W/kg

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Sum of the SAR for GSM 850 & WLAN 2.4GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	2.4GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.761	0.563		1.324	No
	Left Tilt	0.360	0.387		0.747	No
	Right Touch	0.663	0.186		0.849	No
	Right Tilt	0.297	0.151		0.448	No
Body-worn (voice)	Rear	0.564	0.147		0.711	No
		0.564		0.026	0.590	No
	Front	0.459	0.155		0.614	No
		0.459		0.026	0.485	No
Body-worn (Data)	Rear	1.024		0.026	1.050	No
		1.024	0.147		1.171	No
	Front	0.815		0.026	0.841	No
		0.815	0.155		0.970	No
Body-worn (Hotspot)	Edge 1	/	0.281		0.281	No
	Edge 2	0.799	0.501		1.300	No
	Edge 3	0.125	/		0.125	No
	Edge 4	0.537	/		0.537	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.799		0.026	0.825	No
	Edge 3	0.125		0.026	0.151	No
	Edge 4	0.537		0.026	0.563	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 & WLAN 2.4GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 1900	2.4GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.275	0.563		0.838	No
	Left Tilt	0.124	0.387		0.511	No
	Right Touch	0.113	0.186		0.299	No
	Right Tilt	0.089	0.151		0.240	No
Body-worn (voice)	Rear	0.440	0.147		0.587	No
		0.440		0.026	0.466	No
	Front	0.345	0.155		0.500	No
		0.345		0.026	0.371	No
Body-worn (Data)	Rear	0.752		0.026	0.778	No
		0.752	0.147		0.899	No
	Front	0.606		0.026	0.632	No
		0.606	0.155		0.761	No
Body-worn (Hotspot)	Edge 1	/	0.281		0.281	No
	Edge 2	0.240	0.501		0.741	No
	Edge 3	0.291	/		0.291	No
	Edge 4	0.275	/		0.275	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.240		0.026	0.266	No
	Edge 3	0.291		0.026	0.317	No
	Edge 4	0.275		0.026	0.301	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 & WLAN 2.4GHz & 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 Band	Bluetooth		
Head	Left Touch	0.135	0.563		0.698	No
	Left Tilt	0.063	0.387		0.450	No
	Right Touch	0.214	0.186		0.400	No
	Right Tilt	0.146	0.151		0.297	No
Hotspot	Rear	0.683	0.147		0.830	No
	Front	0.261	0.155		0.416	No
	Edge 1	/	0.281		0.281	No
	Edge 2	0.149	0.501		0.650	No
	Edge 3	0.174	/		0.174	No
	Edge 4	0.381	/		0.381	No
	Rear	0.683		0.026	0.709	No
	Front	0.261		0.026	0.287	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.149		0.026	0.175	No
	Edge 3	0.174		0.026	0.200	No
	Edge 4	0.381		0.026	0.407	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 & WLAN 2.4GHz & 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 Band	Bluetooth		
Head	Left Touch	0.347	0.563		0.910	No
	Left Tilt	0.211	0.387		0.598	No
	Right Touch	0.347	0.186		0.533	No
	Right Tilt	0.193	0.151		0.344	No
Hotspot	Rear	0.545	0.147		0.692	No
	Front	0.366	0.155		0.521	No
	Edge 1	/	0.281		0.281	No
	Edge 2	0.447	0.501		0.948	No
	Edge 3	0.080	/		0.080	No
	Edge 4	0.327	/		0.327	No
	Rear	0.545		0.026	0.571	No
	Front	0.366		0.026	0.392	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.447		0.026	0.473	No
	Edge 3	0.080		0.026	0.106	No
	Edge 4	0.327		0.026	0.353	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 & WLAN 2.4GHz & 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 Band	Bluetooth		
Head	Left Touch	0.722	0.563		1.285	No
	Left Tilt	0.319	0.387		0.706	No
	Right Touch	0.286	0.186		0.472	No
	Right Tilt	0.225	0.151		0.376	No
Body-worn	Rear	1.138	0.147		1.285	No
	Front	0.916	0.155		1.071	No
	Edge 1	/	0.281		0.281	No
	Edge 2	0.365	0.501		0.866	No
	Edge 3	0.429	/		0.429	No
	Edge 4	1.039	/		1.039	No
	Rear	1.138		0.026	1.164	No
	Front	0.916		0.026	0.942	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.365		0.026	0.391	No
	Edge 3	0.429		0.026	0.455	No
	Edge 4	1.039		0.026	1.065	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 & WLAN 2.4GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	2.4GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.677	0.563		1.240	No
	Left Tilt	0.265	0.387		0.652	No
	Right Touch	0.265	0.186		0.451	No
	Right Tilt	0.219	0.151		0.370	No
Body-worn	Rear	0.836	0.147		0.983	No
	Front	0.671	0.155		0.826	No
	Edge 1	/	0.281		0.281	No
	Edge 2	0.215	0.501		0.716	No
	Edge 3	0.816	/		0.816	No
	Edge 4	0.773	/		0.773	No
	Rear	0.836		0.026	0.862	No
	Front	0.671		0.026	0.697	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.215		0.026	0.241	No
	Edge 3	0.816		0.026	0.842	No
	Edge 4	0.773		0.026	0.799	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 & WLAN 2.4GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	2.4GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.439	0.563		1.002	No
	Left Tilt	0.204	0.387		0.591	No
	Right Touch	0.466	0.186		0.652	No
	Right Tilt	0.180	0.151		0.331	No
Body-worn	Rear	0.613	0.147		0.760	No
	Front	0.504	0.155		0.659	No
	Edge 1	/	0.281		0.281	No
	Edge 2	0.440	0.501		0.941	No
	Edge 3	0.078	/		0.078	No
	Edge 4	0.289	/		0.289	No
	Rear	0.613		0.026	0.639	No
	Front	0.504		0.026	0.530	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.440		0.026	0.466	No
	Edge 3	0.078		0.026	0.104	No
	Edge 4	0.289		0.026	0.315	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 & WLAN 2.4GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	2.4GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.428	0.563		0.991	No
	Left Tilt	0.067	0.387		0.454	No
	Right Touch	0.201	0.186		0.387	No
	Right Tilt	0.089	0.151		0.240	No
Body-worn	Rear	1.272	0.147		1.419	No
	Rear + Ear.	1.131	0.147		1.278	
	Front	0.779	0.155		0.934	No
	Edge 1	/	0.281		0.281	No
	Edge 2	0.057	0.501		0.558	No
	Edge 3	1.152	/		1.152	No
	Edge 4	0.573	/		0.573	No
	Rear	1.272		0.026	1.298	No
	Rear + Ear.	1.131		0.026	1.157	
	Front	0.779		0.026	0.805	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.057		0.026	0.083	No
	Edge 3	1.152		0.026	1.178	No
	Edge 4	0.573		0.026	0.599	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 & WLAN 5.2GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	5.2GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.761	0.332		1.093	No
	Left Tilt	0.360	0.171		0.531	No
	Right Touch	0.663	0.175		0.838	No
	Right Tilt	0.297	0.126		0.423	No
Body-worn (voice)	Rear	0.564	0.124		0.688	No
		0.564		0.026	0.590	No
	Front	0.459	0.131		0.590	No
		0.459		0.026	0.485	No
Body-worn (Data)	Rear	1.024		0.026	1.050	No
		1.024	0.124		1.148	No
	Front	0.815		0.026	0.841	No
		0.815	0.131		0.946	No
Body-worn (Hotspot)	Edge 1	/	0.117		0.117	No
	Edge 2	0.799	0.073		0.872	No
	Edge 3	0.125	/		0.125	No
	Edge 4	0.537	/		0.537	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.799		0.026	0.825	No
	Edge 3	0.125		0.026	0.151	No
	Edge 4	0.537		0.026	0.563	No
Head (voice)	Left Touch	0.761	0.332	0.052	1.145	No
	Left Tilt	0.360	0.171	0.052	0.583	No
	Right Touch	0.663	0.175	0.052	0.890	No
	Right Tilt	0.297	0.126	0.052	0.475	No
Body-worn (voice)	Rear	0.564	0.124	0.026	0.714	No
	Front	0.459	0.131	0.026	0.616	No
Body-worn (Data)	Rear	1.024	0.124	0.026	1.174	No
	Front	0.815	0.131	0.026	0.972	No
Body-worn (Hotspot)	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.799	0.073	0.026	0.898	No
	Edge 3	0.125	/	0.026	0.151	No
	Edge 4	0.537	/	0.026	0.563	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 & WLAN 5.2GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 1900	5.2GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.275	0.332		0.607	No
	Left Tilt	0.124	0.171		0.295	No
	Right Touch	0.113	0.175		0.288	No
	Right Tilt	0.089	0.126		0.215	No
Body-worn (voice)	Rear	0.440	0.124		0.564	No
		0.440		0.026	0.466	No
	Front	0.345	0.131		0.476	No
		0.345		0.026	0.371	No
Body-worn (Data)	Rear	0.752		0.026	0.778	No
		0.752	0.124		0.876	No
	Front	0.606		0.026	0.632	No
		0.606	0.131		0.737	No
Body-worn (Hotspot)	Edge 1	/	0.117		0.117	No
	Edge 2	0.240	0.073		0.313	No
	Edge 3	0.291	/		0.291	No
	Edge 4	0.275	/		0.275	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.240		0.026	0.266	No
	Edge 3	0.291		0.026	0.317	No
	Edge 4	0.275		0.026	0.301	No
Head (voice)	Left Touch	0.275	0.332	0.052	0.659	No
	Left Tilt	0.124	0.171	0.052	0.347	No
	Right Touch	0.113	0.175	0.052	0.340	No
	Right Tilt	0.089	0.126	0.052	0.267	No
Body-worn (voice)	Rear	0.440	0.124	0.026	0.590	No
	Front	0.345	0.131	0.026	0.502	No
Body-worn (Data)	Rear	0.752	0.124	0.026	0.902	No
	Front	0.606	0.131	0.026	0.763	No
Body-worn (Hotspot)	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.240	0.073	0.026	0.339	No
	Edge 3	0.291	/	0.026	0.317	No
	Edge 4	0.275	/	0.026	0.301	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 & WLAN 5.2GHz & 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 Band	Bluetooth		
Head	Left Touch	0.135	0.332		0.467	No
	Left Tilt	0.063	0.171		0.234	No
	Right Touch	0.214	0.175		0.389	No
	Right Tilt	0.146	0.126		0.272	No
Hotspot	Rear	0.683	0.124		0.807	No
	Front	0.261	0.131		0.392	No
	Edge 1	/	0.117		0.117	No
	Edge 2	0.149	0.073		0.222	No
	Edge 3	0.174	/		0.174	No
	Edge 4	0.381	/		0.381	No
	Rear	0.683		0.026	0.709	No
	Front	0.261		0.026	0.287	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.149		0.026	0.175	No
	Edge 3	0.174		0.026	0.200	No
	Edge 4	0.381		0.026	0.407	No
Head	Left Touch	0.135	0.332	0.052	0.519	No
	Left Tilt	0.063	0.171	0.052	0.286	No
	Right Touch	0.214	0.175	0.052	0.441	No
	Right Tilt	0.146	0.126	0.052	0.324	No
Hotspot	Rear	0.683	0.124	0.026	0.833	No
	Front	0.261	0.131	0.026	0.418	No
	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.149	0.073	0.026	0.248	No
	Edge 3	0.174	/	0.026	0.200	No
	Edge 4	0.381	/	0.026	0.407	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 & WLAN 5.2GHz & 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 Band	Bluetooth		
Head	Left Touch	0.347	0.332		0.679	No
	Left Tilt	0.211	0.171		0.382	No
	Right Touch	0.347	0.175		0.522	No
	Right Tilt	0.193	0.126		0.319	No
Hotspot	Rear	0.545	0.124		0.669	No
	Front	0.366	0.131		0.497	No
	Edge 1	/	0.117		0.117	No
	Edge 2	0.447	0.073		0.520	No
	Edge 3	0.080	/		0.080	No
	Edge 4	0.327	/		0.327	No
	Rear	0.545		0.026	0.571	No
	Front	0.366		0.026	0.392	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.447		0.026	0.473	No
	Edge 3	0.080		0.026	0.106	No
	Edge 4	0.327		0.026	0.353	No
Head	Left Touch	0.347	0.332	0.052	0.731	No
	Left Tilt	0.211	0.171	0.052	0.434	No
	Right Touch	0.347	0.175	0.052	0.574	No
	Right Tilt	0.193	0.126	0.052	0.371	No
Hotspot	Rear	0.545	0.124	0.026	0.695	No
	Front	0.366	0.131	0.026	0.523	No
	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.447	0.073	0.026	0.546	No
	Edge 3	0.080	/	0.026	0.106	No
	Edge 4	0.327	/	0.026	0.353	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 LTE Band 2 & WLAN 5.2GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	5.2GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.722	0.332		1.054	No
	Left Tilt	0.319	0.171		0.490	No
	Right Touch	0.286	0.175		0.461	No
	Right Tilt	0.225	0.126		0.351	No
Body-worn	Rear	1.138	0.124		1.262	No
	Front	0.916	0.131		1.047	No
	Edge 1	/	0.117		0.117	No
	Edge 2	0.365	0.073		0.438	No
	Edge 3	0.429	/		0.429	No
	Edge 4	1.039	/		1.039	No
	Rear	1.138		0.026	1.164	No
	Front	0.916		0.026	0.942	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.365		0.026	0.391	No
	Edge 3	0.429		0.026	0.455	No
	Edge 4	1.039		0.026	1.065	No
Head	Left Touch	0.722	0.332	0.052	1.106	No
	Left Tilt	0.319	0.171	0.052	0.542	No
	Right Touch	0.286	0.175	0.052	0.513	No
	Right Tilt	0.225	0.126	0.052	0.403	No
Body-worn	Rear	1.138	0.124	0.026	1.288	No
	Front	0.916	0.131	0.026	1.073	No
	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.365	0.073	0.026	0.464	No
	Edge 3	0.429	/	0.026	0.455	No
	Edge 4	1.039	/	0.026	1.065	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 & WLAN 5.2GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	5.2GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.677	0.332		1.009	No
	Left Tilt	0.265	0.171		0.436	No
	Right Touch	0.265	0.175		0.440	No
	Right Tilt	0.219	0.126		0.345	No
Body-worn	Rear	0.836	0.124		0.960	No
	Front	0.671	0.131		0.802	No
	Edge 1	/	0.117		0.117	No
	Edge 2	0.215	0.073		0.288	No
	Edge 3	0.816	/		0.816	No
	Edge 4	0.773	/		0.773	No
	Rear	0.836		0.026	0.862	No
	Front	0.671		0.026	0.697	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.215		0.026	0.241	No
	Edge 3	0.816		0.026	0.842	No
	Edge 4	0.773		0.026	0.799	No
Head	Left Touch	0.677	0.332	0.052	1.061	No
	Left Tilt	0.265	0.171	0.052	0.488	No
	Right Touch	0.265	0.175	0.052	0.492	No
	Right Tilt	0.219	0.126	0.052	0.397	No
Body-worn	Rear	0.836	0.124	0.026	0.986	No
	Front	0.671	0.131	0.026	0.828	No
	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.215	0.073	0.026	0.314	No
	Edge 3	0.816	/	0.026	0.842	No
	Edge 4	0.773	/	0.026	0.799	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 & WLAN 5.2GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	5.2GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.439	0.332		0.771	No
	Left Tilt	0.204	0.171		0.375	No
	Right Touch	0.466	0.175		0.641	No
	Right Tilt	0.180	0.126		0.306	No
Body-worn	Rear	0.613	0.124		0.737	No
	Front	0.504	0.131		0.635	No
	Edge 1	/	0.117		0.117	No
	Edge 2	0.440	0.073		0.513	No
	Edge 3	0.078	/		0.078	No
	Edge 4	0.289	/		0.289	No
	Rear	0.613		0.026	0.639	No
	Front	0.504		0.026	0.530	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.440		0.026	0.466	No
	Edge 3	0.078		0.026	0.104	No
	Edge 4	0.289		0.026	0.315	No
Head	Left Touch	0.439	0.332	0.052	0.823	No
	Left Tilt	0.204	0.171	0.052	0.427	No
	Right Touch	0.466	0.175	0.052	0.693	No
	Right Tilt	0.180	0.126	0.052	0.358	No
Body-worn	Rear	0.613	0.124	0.026	0.763	No
	Front	0.504	0.131	0.026	0.661	No
	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.440	0.073	0.026	0.539	No
	Edge 3	0.078	/	0.026	0.104	No
	Edge 4	0.289	/	0.026	0.315	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 & WLAN 5.2GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	5.2GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.428	0.332		0.760	No
	Left Tilt	0.067	0.171		0.238	No
	Right Touch	0.201	0.175		0.376	No
	Right Tilt	0.089	0.126		0.215	No
Body-worn	Rear	1.272	0.124		1.396	No
	Rear + Ear.	1.131	0.124		1.255	
	Front	0.779	0.131		0.910	No
	Edge 1	/	0.117		0.117	No
	Edge 2	0.057	0.073		0.130	No
	Edge 3	1.152	/		1.152	No
	Edge 4	0.573	/		0.573	No
	Rear	1.272		0.026	1.298	No
	Rear + Ear.	1.131		0.026	1.157	
	Front	0.779		0.026	0.805	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.057		0.026	0.083	No
	Edge 3	1.152		0.026	1.178	No
	Edge 4	0.573		0.026	0.599	No
Head	Left Touch	0.428	0.332	0.052	0.812	No
	Left Tilt	0.067	0.171	0.052	0.290	No
	Right Touch	0.201	0.175	0.052	0.428	No
	Right Tilt	0.089	0.126	0.052	0.267	No
Body-worn	Rear	1.272	0.124	0.026	1.422	No
	Rear + Ear.	1.131	0.124	0.026	1.281	
	Front	0.779	0.131	0.026	0.936	No
	Edge 1	/	0.117	0.026	0.143	No
	Edge 2	0.057	0.073	0.026	0.156	No
	Edge 3	1.152	/	0.026	1.178	No
	Edge 4	0.573	/	0.026	0.599	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 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	5.3GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.761	0.343		1.104	No
	Left Tilt	0.360	0.179		0.539	No
	Right Touch	0.663	0.221		0.884	No
	Right Tilt	0.297	0.112		0.409	No
Body-worn (voice)	Rear	0.564	0.083		0.647	No
		0.564		0.026	0.590	No
	Front	0.459	0.107		0.566	No
		0.459		0.026	0.485	No
Body-worn (Data)	Rear	1.024		0.026	1.050	No
		1.024	0.083		1.107	No
	Front	0.815		0.026	0.841	No
		0.815	0.107		0.922	No
Body-worn (Hotspot)	Edge 1	/	0.021		0.021	No
	Edge 2	0.799	0.107		0.906	No
	Edge 3	0.125	/		0.125	No
	Edge 4	0.537	/		0.537	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.799		0.026	0.825	No
	Edge 3	0.125		0.026	0.151	No
	Edge 4	0.537		0.026	0.563	No
Head (voice)	Left Touch	0.761	0.343	0.052	1.156	No
	Left Tilt	0.360	0.179	0.052	0.591	No
	Right Touch	0.663	0.221	0.052	0.936	No
	Right Tilt	0.297	0.112	0.052	0.461	No
Body-worn (voice)	Rear	0.564	0.083	0.026	0.673	No
	Front	0.459	0.107	0.026	0.592	No
Body-worn (Data)	Rear	1.024	0.083	0.026	1.133	No
	Front	0.815	0.107	0.026	0.948	No
Body-worn (Hotspot)	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.799	0.107	0.026	0.932	No
	Edge 3	0.125	/	0.026	0.151	No
	Edge 4	0.537	/	0.026	0.563	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 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 1900	5.3GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.275	0.343		0.618	No
	Left Tilt	0.124	0.179		0.303	No
	Right Touch	0.113	0.221		0.334	No
	Right Tilt	0.089	0.112		0.201	No
Body-worn (voice)	Rear	0.440	0.083		0.523	No
		0.440		0.026	0.466	No
	Front	0.345	0.107		0.452	No
		0.345		0.026	0.371	No
Body-worn (Data)	Rear	0.752		0.026	0.778	No
		0.752	0.083		0.835	No
	Front	0.606		0.026	0.632	No
		0.606	0.107		0.713	No
Body-worn (Hotspot)	Edge 1	/	0.021		0.021	No
	Edge 2	0.240	0.107		0.347	No
	Edge 3	0.291	/		0.291	No
	Edge 4	0.275	/		0.275	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.240		0.026	0.266	No
	Edge 3	0.291		0.026	0.317	No
	Edge 4	0.275		0.026	0.301	No
Head (voice)	Left Touch	0.275	0.343	0.052	0.670	No
	Left Tilt	0.124	0.179	0.052	0.355	No
	Right Touch	0.113	0.221	0.052	0.386	No
	Right Tilt	0.089	0.112	0.052	0.253	No
Body-worn (voice)	Rear	0.440	0.083	0.026	0.549	No
	Front	0.345	0.107	0.026	0.478	No
Body-worn (Data)	Rear	0.752	0.083	0.026	0.861	No
	Front	0.606	0.107	0.026	0.739	No
Body-worn (Hotspot)	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.240	0.107	0.026	0.373	No
	Edge 3	0.291	/	0.026	0.317	No
	Edge 4	0.275	/	0.026	0.301	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 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band II	5.3GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.135	0.343		0.478	No
	Left Tilt	0.063	0.179		0.242	No
	Right Touch	0.214	0.221		0.435	No
	Right Tilt	0.146	0.112		0.258	No
Hotspot	Rear	0.683	0.083		0.766	No
	Front	0.261	0.107		0.368	No
	Edge 1	/	0.021		0.021	No
	Edge 2	0.149	0.107		0.256	No
	Edge 3	0.174	/		0.174	No
	Edge 4	0.381	/		0.381	No
	Rear	0.683		0.026	0.709	No
	Front	0.261		0.026	0.287	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.149		0.026	0.175	No
	Edge 3	0.174		0.026	0.200	No
	Edge 4	0.381		0.026	0.407	No
Head	Left Touch	0.135	0.343	0.052	0.530	No
	Left Tilt	0.063	0.179	0.052	0.294	No
	Right Touch	0.214	0.221	0.052	0.487	No
	Right Tilt	0.146	0.112	0.052	0.310	No
Hotspot	Rear	0.683	0.083	0.026	0.792	No
	Front	0.261	0.107	0.026	0.394	No
	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.149	0.107	0.026	0.282	No
	Edge 3	0.174	/	0.026	0.200	No
	Edge 4	0.381	/	0.026	0.407	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 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band V	5.3GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.347	0.343		0.690	No
	Left Tilt	0.211	0.179		0.390	No
	Right Touch	0.347	0.221		0.568	No
	Right Tilt	0.193	0.112		0.305	No
Hotspot	Rear	0.545	0.083		0.628	No
	Front	0.366	0.107		0.473	No
	Edge 1	/	0.021		0.021	No
	Edge 2	0.447	0.107		0.554	No
	Edge 3	0.080	/		0.080	No
	Edge 4	0.327	/		0.327	No
	Rear	0.545		0.026	0.571	No
	Front	0.366		0.026	0.392	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.447		0.026	0.473	No
	Edge 3	0.080		0.026	0.106	No
	Edge 4	0.327		0.026	0.353	No
Head	Left Touch	0.347	0.343	0.052	0.742	No
	Left Tilt	0.211	0.179	0.052	0.442	No
	Right Touch	0.347	0.221	0.052	0.620	No
	Right Tilt	0.193	0.112	0.052	0.357	No
Hotspot	Rear	0.545	0.083	0.026	0.654	No
	Front	0.366	0.107	0.026	0.499	No
	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.447	0.107	0.026	0.580	No
	Edge 3	0.080	/	0.026	0.106	No
	Edge 4	0.327	/	0.026	0.353	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 LTE Band 2 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	5.3GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.722	0.343		1.065	No
	Left Tilt	0.319	0.179		0.498	No
	Right Touch	0.286	0.221		0.507	No
	Right Tilt	0.225	0.112		0.337	No
Body-worn	Rear	1.138	0.083		1.221	No
	Front	0.916	0.107		1.023	No
	Edge 1	/	0.021		0.021	No
	Edge 2	0.365	0.107		0.472	No
	Edge 3	0.429	/		0.429	No
	Edge 4	1.039	/		1.039	No
	Rear	1.138		0.026	1.164	No
	Front	0.916		0.026	0.942	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.365		0.026	0.391	No
	Edge 3	0.429		0.026	0.455	No
	Edge 4	1.039		0.026	1.065	No
Head	Left Touch	0.722	0.343	0.052	1.117	No
	Left Tilt	0.319	0.179	0.052	0.550	No
	Right Touch	0.286	0.221	0.052	0.559	No
	Right Tilt	0.225	0.112	0.052	0.389	No
Body-worn	Rear	1.138	0.083	0.026	1.247	No
	Front	0.916	0.107	0.026	1.049	No
	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.365	0.107	0.026	0.498	No
	Edge 3	0.429	/	0.026	0.455	No
	Edge 4	1.039	/	0.026	1.065	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 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	5.3GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.677	0.343		1.020	No
	Left Tilt	0.265	0.179		0.444	No
	Right Touch	0.265	0.221		0.486	No
	Right Tilt	0.219	0.112		0.331	No
Body-worn	Rear	0.836	0.083		0.919	No
	Front	0.671	0.107		0.778	No
	Edge 1	/	0.021		0.021	No
	Edge 2	0.215	0.107		0.322	No
	Edge 3	0.816	/		0.816	No
	Edge 4	0.773	/		0.773	No
	Rear	0.836		0.026	0.862	No
	Front	0.671		0.026	0.697	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.215		0.026	0.241	No
	Edge 3	0.816		0.026	0.842	No
	Edge 4	0.773		0.026	0.799	No
Head	Left Touch	0.677	0.343	0.052	1.072	No
	Left Tilt	0.265	0.179	0.052	0.496	No
	Right Touch	0.265	0.221	0.052	0.538	No
	Right Tilt	0.219	0.112	0.052	0.383	No
Body-worn	Rear	0.836	0.083	0.026	0.945	No
	Front	0.671	0.107	0.026	0.804	No
	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.215	0.107	0.026	0.348	No
	Edge 3	0.816	/	0.026	0.842	No
	Edge 4	0.773	/	0.026	0.799	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 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	5.3GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.439	0.343		0.782	No
	Left Tilt	0.204	0.179		0.383	No
	Right Touch	0.466	0.221		0.687	No
	Right Tilt	0.180	0.112		0.292	No
Body-worn	Rear	0.613	0.083		0.696	No
	Front	0.504	0.107		0.611	No
	Edge 1	/	0.021		0.021	No
	Edge 2	0.440	0.107		0.547	No
	Edge 3	0.078	/		0.078	No
	Edge 4	0.289	/		0.289	No
	Rear	0.613		0.026	0.639	No
	Front	0.504		0.026	0.530	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.440		0.026	0.466	No
	Edge 3	0.078		0.026	0.104	No
	Edge 4	0.289		0.026	0.315	No
Head	Left Touch	0.439	0.343	0.052	0.834	No
	Left Tilt	0.204	0.179	0.052	0.435	No
	Right Touch	0.466	0.221	0.052	0.739	No
	Right Tilt	0.180	0.112	0.052	0.344	No
Body-worn	Rear	0.613	0.083	0.026	0.722	No
	Front	0.504	0.107	0.026	0.637	No
	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.440	0.107	0.026	0.573	No
	Edge 3	0.078	/	0.026	0.104	No
	Edge 4	0.289	/	0.026	0.315	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 & WLAN 5.3GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 7	5.3GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.428	0.343		0.771	No
	Left Tilt	0.067	0.179		0.246	No
	Right Touch	0.201	0.221		0.422	No
	Right Tilt	0.089	0.112		0.201	No
Body-worn	Rear	1.272	0.083		1.355	No
	Rear + Ear.	1.131	0.083		1.214	
	Front	0.779	0.107		0.886	No
	Edge 1	/	0.021		0.021	No
	Edge 2	0.057	0.107		0.164	No
	Edge 3	1.152	/		1.152	No
	Edge 4	0.573	/		0.573	No
	Rear	1.272		0.026	1.298	No
	Rear + Ear.	1.131		0.026	1.157	
	Front	0.779		0.026	0.805	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.057		0.026	0.083	No
	Edge 3	1.152		0.026	1.178	No
	Edge 4	0.573		0.026	0.599	No
Head	Left Touch	0.428	0.343	0.052	0.823	No
	Left Tilt	0.067	0.179	0.052	0.298	No
	Right Touch	0.201	0.221	0.052	0.474	No
	Right Tilt	0.089	0.112	0.052	0.253	No
Body-worn	Rear	1.272	0.083	0.026	1.381	No
	Rear + Ear.	1.131	0.083	0.026	1.240	
	Front	0.779	0.107	0.026	0.912	No
	Edge 1	/	0.021	0.026	0.047	No
	Edge 2	0.057	0.107	0.026	0.190	No
	Edge 3	1.152	/	0.026	1.178	No
	Edge 4	0.573	/	0.026	0.599	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 & WLAN 5.8GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 850	5.8GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.761	0.562		1.323	No
	Left Tilt	0.360	0.270		0.630	No
	Right Touch	0.663	0.234		0.897	No
	Right Tilt	0.297	0.150		0.447	No
Body-worn (voice)	Rear	0.564	0.063		0.627	No
		0.564		0.026	0.590	No
	Front	0.459	0.054		0.513	No
		0.459		0.026	0.485	No
Body-worn (Data)	Rear	1.024		0.026	1.050	No
		1.024	0.063		1.087	No
	Front	0.815		0.026	0.841	No
		0.815	0.054		0.869	No
Body-worn (Hotspot)	Edge 1	/	0.063		0.063	No
	Edge 2	0.799	0.051		0.850	No
	Edge 3	0.125	/		0.125	No
	Edge 4	0.537	/		0.537	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.799		0.026	0.825	No
	Edge 3	0.125		0.026	0.151	No
	Edge 4	0.537		0.026	0.563	No
Head (voice)	Left Touch	0.761	0.562	0.052	1.375	No
	Left Tilt	0.360	0.270	0.052	0.682	No
	Right Touch	0.663	0.234	0.052	0.949	No
	Right Tilt	0.297	0.150	0.052	0.499	No
Body-worn (voice)	Rear	0.564	0.063	0.026	0.653	No
	Front	0.459	0.054	0.026	0.539	No
Body-worn (Data)	Rear	1.024	0.063	0.026	1.113	No
	Front	0.815	0.054	0.026	0.895	No
Body-worn (Hotspot)	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.799	0.051	0.026	0.876	No
	Edge 3	0.125	/	0.026	0.151	No
	Edge 4	0.537	/	0.026	0.563	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 & WLAN 5.8GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		GSM 1900	5.8GHz Wi-Fi Band	Bluetooth		
Head (voice)	Left Touch	0.275	0.562		0.837	No
	Left Tilt	0.124	0.270		0.394	No
	Right Touch	0.113	0.234		0.347	No
	Right Tilt	0.089	0.150		0.239	No
Body-worn (voice)	Rear	0.440	0.063		0.503	No
		0.440		0.026	0.466	No
	Front	0.345	0.054		0.399	No
		0.345		0.026	0.371	No
Body-worn (Data)	Rear	0.752		0.026	0.778	No
		0.752	0.063		0.815	No
	Front	0.606		0.026	0.632	No
		0.606	0.054		0.660	No
Body-worn (Hotspot)	Edge 1	/	0.063		0.063	No
	Edge 2	0.240	0.051		0.291	No
	Edge 3	0.291	/		0.291	No
	Edge 4	0.275	/		0.275	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.240		0.026	0.266	No
	Edge 3	0.291		0.026	0.317	No
	Edge 4	0.275		0.026	0.301	No
Head (voice)	Left Touch	0.275	0.562	0.052	0.889	No
	Left Tilt	0.124	0.270	0.052	0.446	No
	Right Touch	0.113	0.234	0.052	0.399	No
	Right Tilt	0.089	0.150	0.052	0.291	No
Body-worn (voice)	Rear	0.440	0.063	0.026	0.529	No
	Front	0.345	0.054	0.026	0.425	No
Body-worn (Data)	Rear	0.752	0.063	0.026	0.841	No
	Front	0.606	0.054	0.026	0.686	No
Body-worn (Hotspot)	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.240	0.051	0.026	0.317	No
	Edge 3	0.291	/	0.026	0.317	No
	Edge 4	0.275	/	0.026	0.301	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 & WLAN 5.8GHz & 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 Band	Bluetooth		
Head	Left Touch	0.135	0.562		0.697	No
	Left Tilt	0.063	0.270		0.333	No
	Right Touch	0.214	0.234		0.448	No
	Right Tilt	0.146	0.150		0.296	No
Hotspot	Rear	0.683	0.063		0.746	No
	Front	0.261	0.054		0.315	No
	Edge 1	/	0.063		0.063	No
	Edge 2	0.149	0.051		0.200	No
	Edge 3	0.174	/		0.174	No
	Edge 4	0.381	/		0.381	No
	Rear	0.683		0.026	0.709	No
	Front	0.261		0.026	0.287	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.149		0.026	0.175	No
	Edge 3	0.174		0.026	0.200	No
	Edge 4	0.381		0.026	0.407	No
Head	Left Touch	0.135	0.562	0.052	0.749	No
	Left Tilt	0.063	0.270	0.052	0.385	No
	Right Touch	0.214	0.234	0.052	0.500	No
	Right Tilt	0.146	0.150	0.052	0.348	No
Hotspot	Rear	0.683	0.063	0.026	0.772	No
	Front	0.261	0.054	0.026	0.341	No
	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.149	0.051	0.026	0.226	No
	Edge 3	0.174	/	0.026	0.200	No
	Edge 4	0.381	/	0.026	0.407	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 & WLAN 5.8GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		WCDMA Band V	5.8GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.347	0.562		0.909	No
	Left Tilt	0.211	0.270		0.481	No
	Right Touch	0.347	0.234		0.581	No
	Right Tilt	0.193	0.150		0.343	No
Hotspot	Rear	0.545	0.063		0.608	No
	Front	0.366	0.054		0.420	No
	Edge 1	/	0.063		0.063	No
	Edge 2	0.447	0.051		0.498	No
	Edge 3	0.080	/		0.080	No
	Edge 4	0.327	/		0.327	No
	Rear	0.545		0.026	0.571	No
	Front	0.366		0.026	0.392	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.447		0.026	0.473	No
	Edge 3	0.080		0.026	0.106	No
	Edge 4	0.327		0.026	0.353	No
Head	Left Touch	0.347	0.562	0.052	0.961	No
	Left Tilt	0.211	0.270	0.052	0.533	No
	Right Touch	0.347	0.234	0.052	0.633	No
	Right Tilt	0.193	0.150	0.052	0.395	No
Hotspot	Rear	0.545	0.063	0.026	0.634	No
	Front	0.366	0.054	0.026	0.446	No
	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.447	0.051	0.026	0.524	No
	Edge 3	0.080	/	0.026	0.106	No
	Edge 4	0.327	/	0.026	0.353	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 & WLAN 5.8GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 2	5.8GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.722	0.562		1.284	No
	Left Tilt	0.319	0.270		0.589	No
	Right Touch	0.286	0.234		0.520	No
	Right Tilt	0.225	0.150		0.375	No
Body-worn	Rear	1.138	0.063		1.201	No
	Front	0.916	0.054		0.970	No
	Edge 1	/	0.063		0.063	No
	Edge 2	0.365	0.051		0.416	No
	Edge 3	0.429	/		0.429	No
	Edge 4	1.039	/		1.039	No
	Rear	1.138		0.026	1.164	No
	Front	0.916		0.026	0.942	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.365		0.026	0.391	No
	Edge 3	0.429		0.026	0.455	No
	Edge 4	1.039		0.026	1.065	No
Head	Left Touch	0.722	0.562	0.052	1.336	No
	Left Tilt	0.319	0.270	0.052	0.641	No
	Right Touch	0.286	0.234	0.052	0.572	No
	Right Tilt	0.225	0.150	0.052	0.427	No
Body-worn	Rear	1.138	0.063	0.026	1.227	No
	Front	0.916	0.054	0.026	0.996	No
	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.365	0.051	0.026	0.442	No
	Edge 3	0.429	/	0.026	0.455	No
	Edge 4	1.039	/	0.026	1.065	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 & WLAN 5.8GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 4	5.8GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.677	0.562		1.239	No
	Left Tilt	0.265	0.270		0.535	No
	Right Touch	0.265	0.234		0.499	No
	Right Tilt	0.219	0.150		0.369	No
Body-worn	Rear	0.836	0.063		0.899	No
	Front	0.671	0.054		0.725	No
	Edge 1	/	0.063		0.063	No
	Edge 2	0.215	0.051		0.266	No
	Edge 3	0.816	/		0.816	No
	Edge 4	0.773	/		0.773	No
	Rear	0.836		0.026	0.862	No
	Front	0.671		0.026	0.697	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.215		0.026	0.241	No
	Edge 3	0.816		0.026	0.842	No
	Edge 4	0.773		0.026	0.799	No
Head	Left Touch	0.677	0.562	0.052	1.291	No
	Left Tilt	0.265	0.270	0.052	0.587	No
	Right Touch	0.265	0.234	0.052	0.551	No
	Right Tilt	0.219	0.150	0.052	0.421	No
Body-worn	Rear	0.836	0.063	0.026	0.925	No
	Front	0.671	0.054	0.026	0.751	No
	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.215	0.051	0.026	0.292	No
	Edge 3	0.816	/	0.026	0.842	No
	Edge 4	0.773	/	0.026	0.799	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 & WLAN 5.8GHz & BT:

RF Exposure Conditions	Test Position	Simultaneous Transmission Scenario			Σ 1-g SAR (W/kg)	SPLSR (Yes/No)
		LTE Band 5	5.8GHz Wi-Fi Band	Bluetooth		
Head	Left Touch	0.439	0.562		1.001	No
	Left Tilt	0.204	0.270		0.474	No
	Right Touch	0.466	0.234		0.700	No
	Right Tilt	0.180	0.150		0.330	No
Body-worn	Rear	0.613	0.063		0.676	No
	Front	0.504	0.054		0.558	No
	Edge 1	/	0.063		0.063	No
	Edge 2	0.440	0.051		0.491	No
	Edge 3	0.078	/		0.078	No
	Edge 4	0.289	/		0.289	No
	Rear	0.613		0.026	0.639	No
	Front	0.504		0.026	0.530	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.440		0.026	0.466	No
	Edge 3	0.078		0.026	0.104	No
	Edge 4	0.289		0.026	0.315	No
Head	Left Touch	0.439	0.562	0.052	1.053	No
	Left Tilt	0.204	0.270	0.052	0.526	No
	Right Touch	0.466	0.234	0.052	0.752	No
	Right Tilt	0.180	0.150	0.052	0.382	No
Body-worn	Rear	0.613	0.063	0.026	0.702	No
	Front	0.504	0.054	0.026	0.584	No
	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.440	0.051	0.026	0.517	No
	Edge 3	0.078	/	0.026	0.104	No
	Edge 4	0.289	/	0.026	0.315	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 & WLAN 5.8GHz & 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 Band	Bluetooth		
Head	Left Touch	0.428	0.562		0.990	No
	Left Tilt	0.067	0.270		0.337	No
	Right Touch	0.201	0.234		0.435	No
	Right Tilt	0.089	0.150		0.239	No
Body-worn	Rear	1.272	0.063		1.335	No
	Rear + Ear.	1.131	0.063		1.194	
	Front	0.779	0.054		0.833	No
	Edge 1	/	0.063		0.063	No
	Edge 2	0.057	0.051		0.108	No
	Edge 3	1.152	/		1.152	No
	Edge 4	0.573	/		0.573	No
	Rear	1.272		0.026	1.298	No
	Rear + Ear.	1.131		0.026	1.157	
	Front	0.779		0.026	0.805	No
	Edge 1	/		0.026	0.026	No
	Edge 2	0.057		0.026	0.083	No
	Edge 3	1.152		0.026	1.178	No
	Edge 4	0.573		0.026	0.599	No
Head	Left Touch	0.428	0.562	0.052	1.042	No
	Left Tilt	0.067	0.270	0.052	0.389	No
	Right Touch	0.201	0.234	0.052	0.487	No
	Right Tilt	0.089	0.150	0.052	0.291	No
Body-worn	Rear	1.272	0.063	0.026	1.361	No
	Rear + Ear.	1.131	0.063	0.026	1.220	
	Front	0.779	0.054	0.026	0.859	No
	Edge 1	/	0.063	0.026	0.089	No
	Edge 2	0.057	0.051	0.026	0.134	No
	Edge 3	1.152	/	0.026	1.178	No
	Edge 4	0.573	/	0.026	0.599	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 835 MHz
DUT: Dipole 835 MHz Type: SID 835

Date: Jul. 07, 2021

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1;
Frequency: 835 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.91$ mho/m; $\epsilon_r = 41.67$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):21.7, Liquid temperature (°C): 21.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.13, 10.13, 10.13); Calibrated: Jul. 29,2020;
- 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 850MHz /Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.645 W/kg

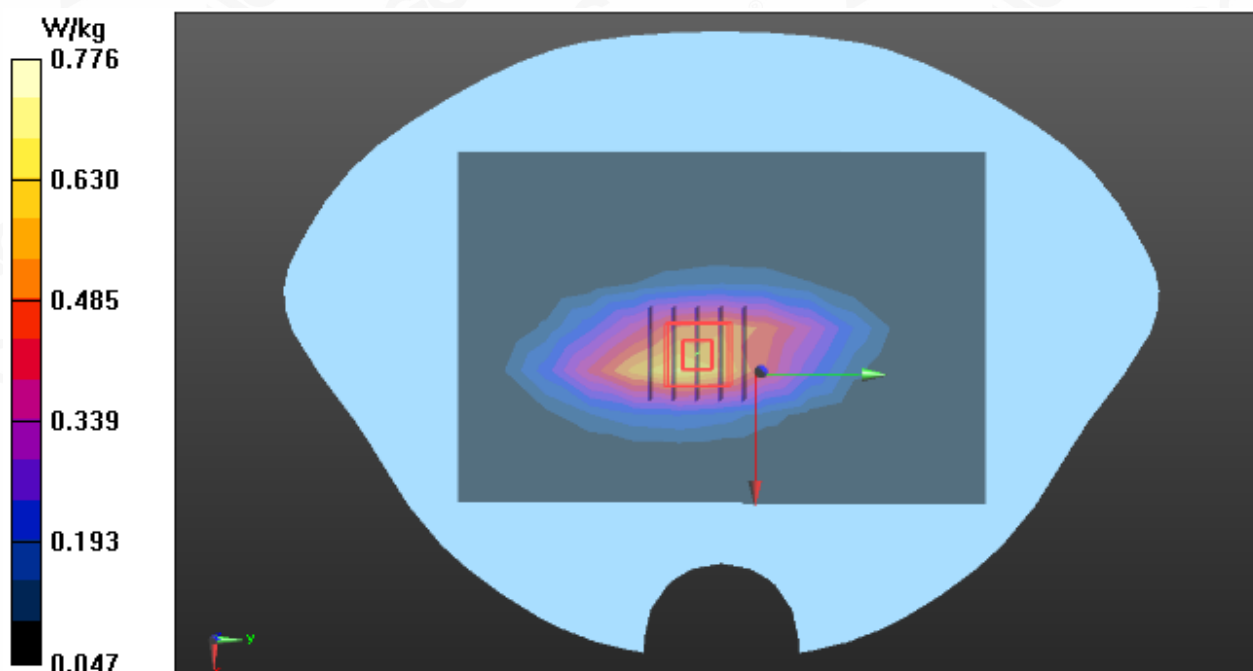
Configuration/System Check Head 850MHz /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.779 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 0.776 W/kg



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

Date: Jul. 09, 2021

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1;
Frequency: 835 MHz; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.81$; $\rho = 1000 \text{ kg/m}^3$;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature ($^{\circ}\text{C}$): 21.8, Liquid temperature ($^{\circ}\text{C}$): 21.6

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.13, 10.13, 10.13); Calibrated: Jul. 29,2020;
- 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 850MHz /Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.810 W/kg

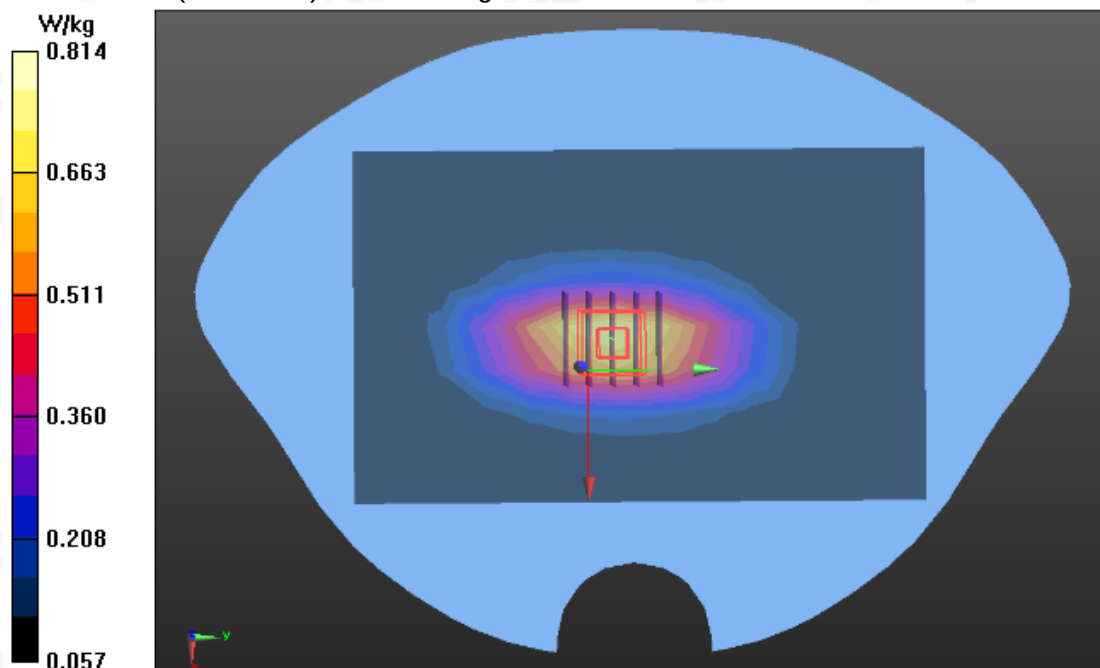
Configuration/System Check Head 850MHz /Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.187 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.386 W/kg

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



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

Date: Jul. 08, 2021

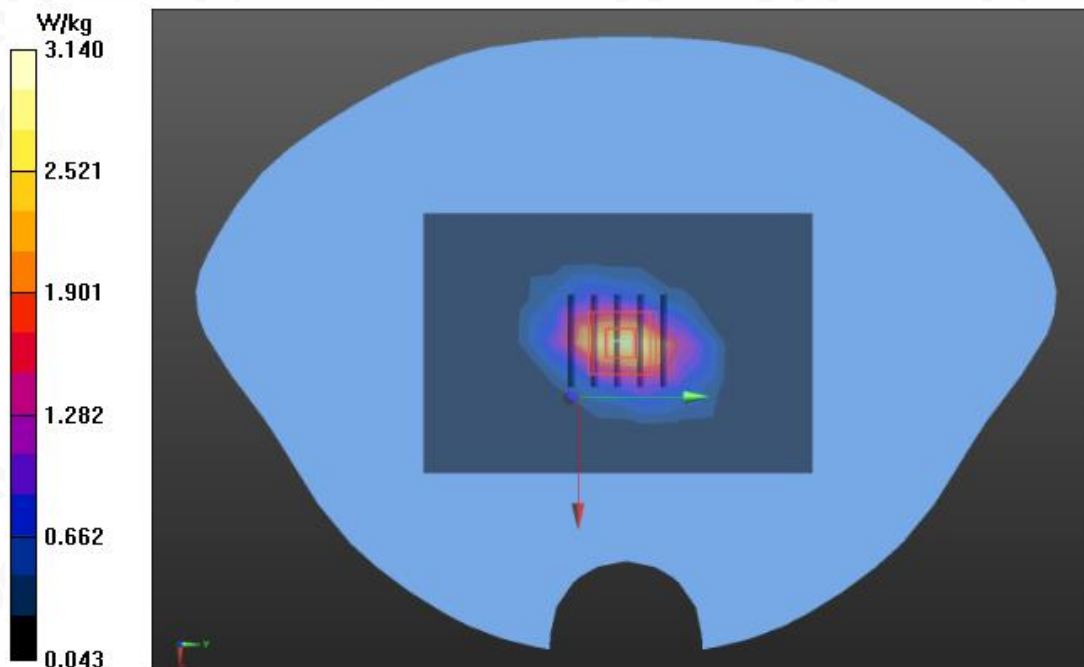
Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle: 1:1;
Frequency: 1750 MHz; Medium parameters used: $f = 1750$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.28$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.61, 8.61, 8.61); Calibrated: Jul. 29,2020;
- 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) = 2.93 W/kg

Configuration/System Check Head 1750MHz /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 48.918 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 4.59 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.25 W/kg
Maximum value of SAR (measured) = 3.14 W/kg



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

Date: Jul. 06, 2021

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1;
Frequency: 1900 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.63$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C):21.7, Liquid temperature (°C): 21.7

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.32, 8.32, 8.32); Calibrated: Jul. 29,2020;
- 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.99 W/kg

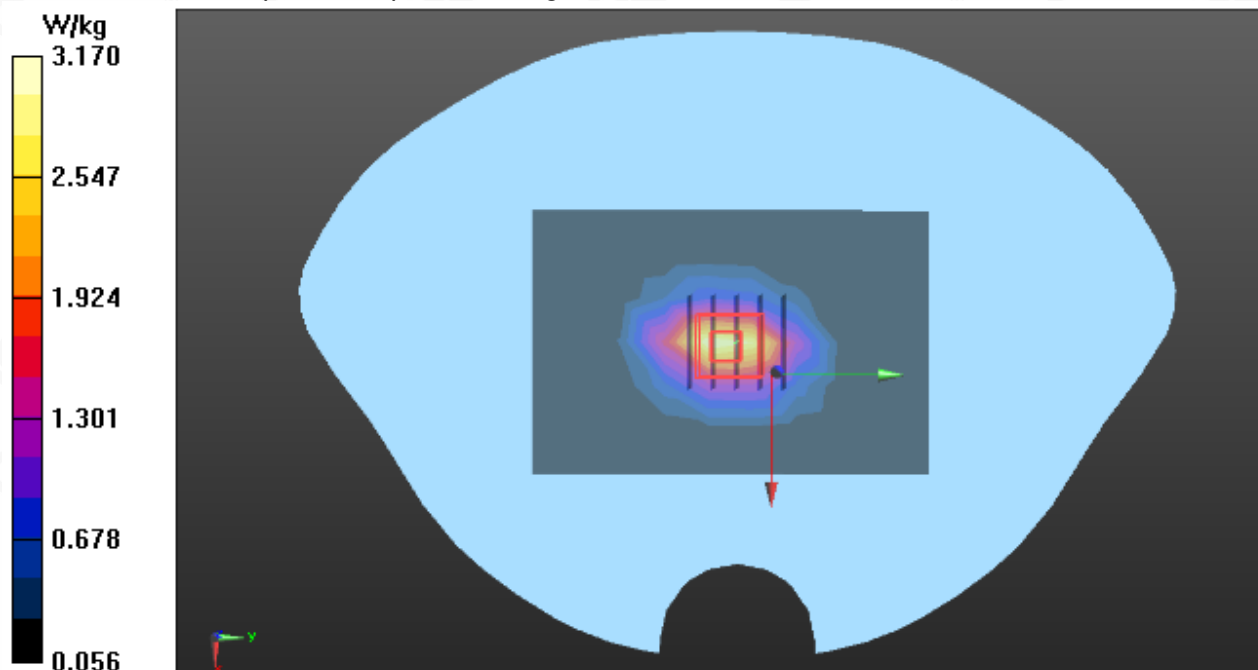
Configuration/System Check Head 1900MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.273 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 4.68 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 3.17 W/kg



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

Date: Jul. 10, 2021

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1;
Frequency: 1900 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.61$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 22.1, Liquid temperature (°C): 21.8

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.32, 8.32, 8.32); Calibrated: Jul. 29,2020;
- 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 (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.79 W/kg

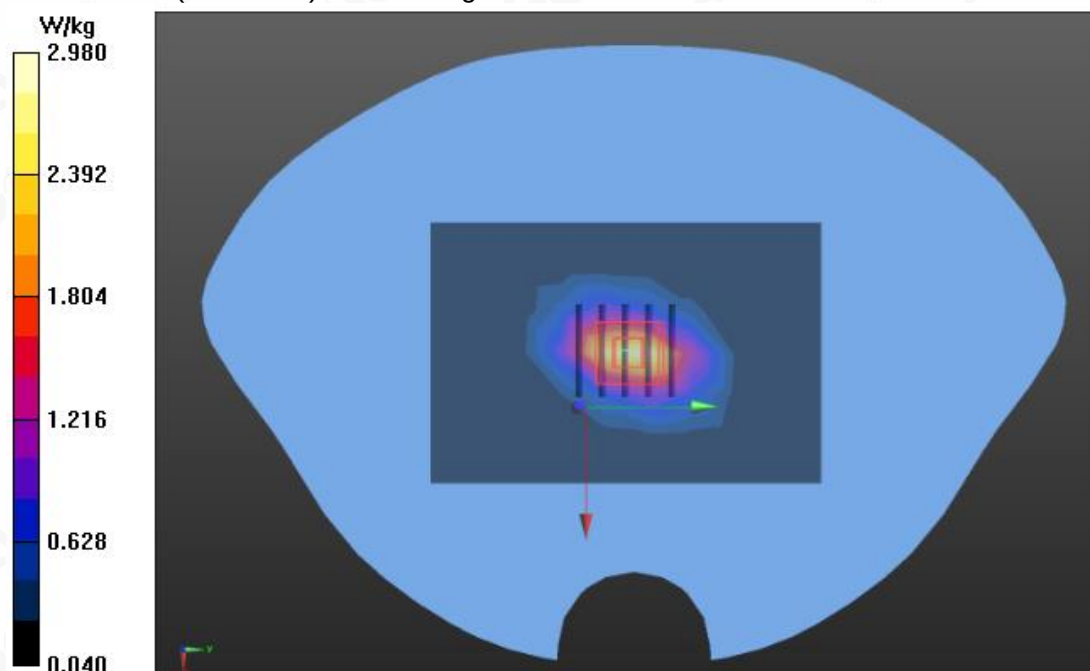
Configuration/System Check Head 1900MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.257 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.25 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.29 W/kg

Maximum value of SAR (measured) = 2.98 W/kg



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Test Laboratory: AGC Lab
System Check Head 2450 MHz
DUT: Dipole 2450 MHz Type: D2450V2

Date: Jul. 18, 2021

Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1;
Frequency: 2450 MHz; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 38.43$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.66, 7.66, 7.66); Calibrated: Jul. 29,2020;
- 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=15mm, dy=15mm
Maximum value of SAR (measured) = 4.45 W/kg

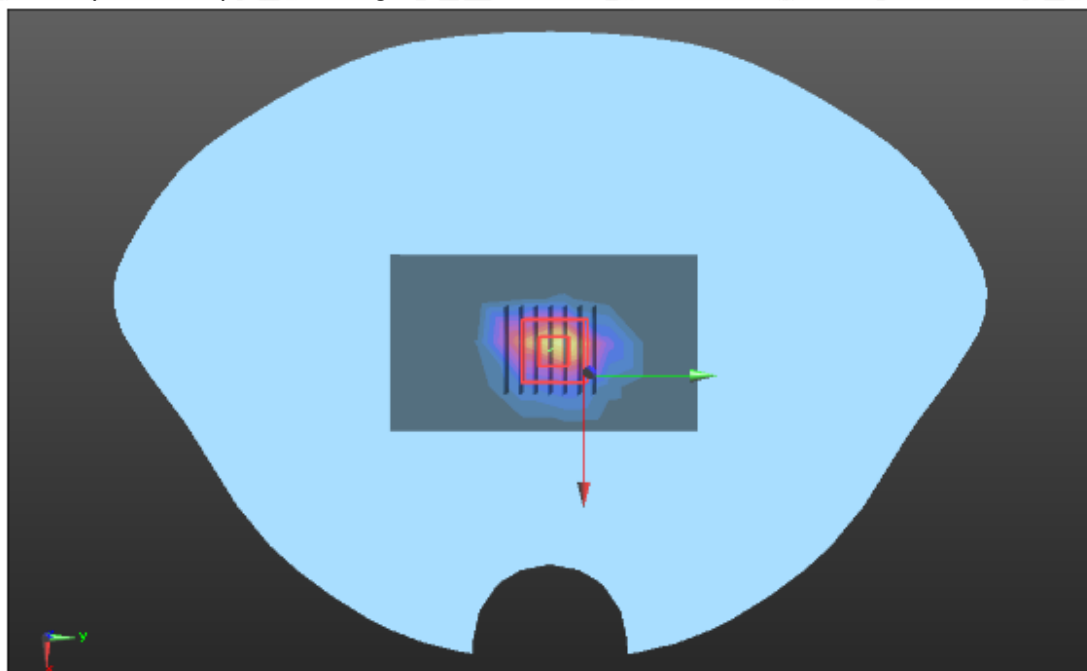
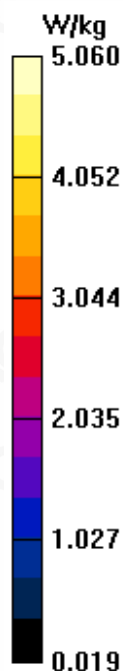
Configuration/System Check Head 2450Hz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.170 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.22 W/kg

SAR(1 g) = 3.19 W/kg; SAR(10 g) = 1.48 W/kg

Maximum value of SAR (measured) = 5.06 W/kg



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

Date: Jul. 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; $\epsilon_r = 38.54$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (°C): 21.8, Liquid temperature (°C): 21.6

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.45, 7.45, 7.45); Calibrated: Jul. 29,2020;
- 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=15mm, dy=15mm
Maximum value of SAR (measured) = 4.43 W/kg

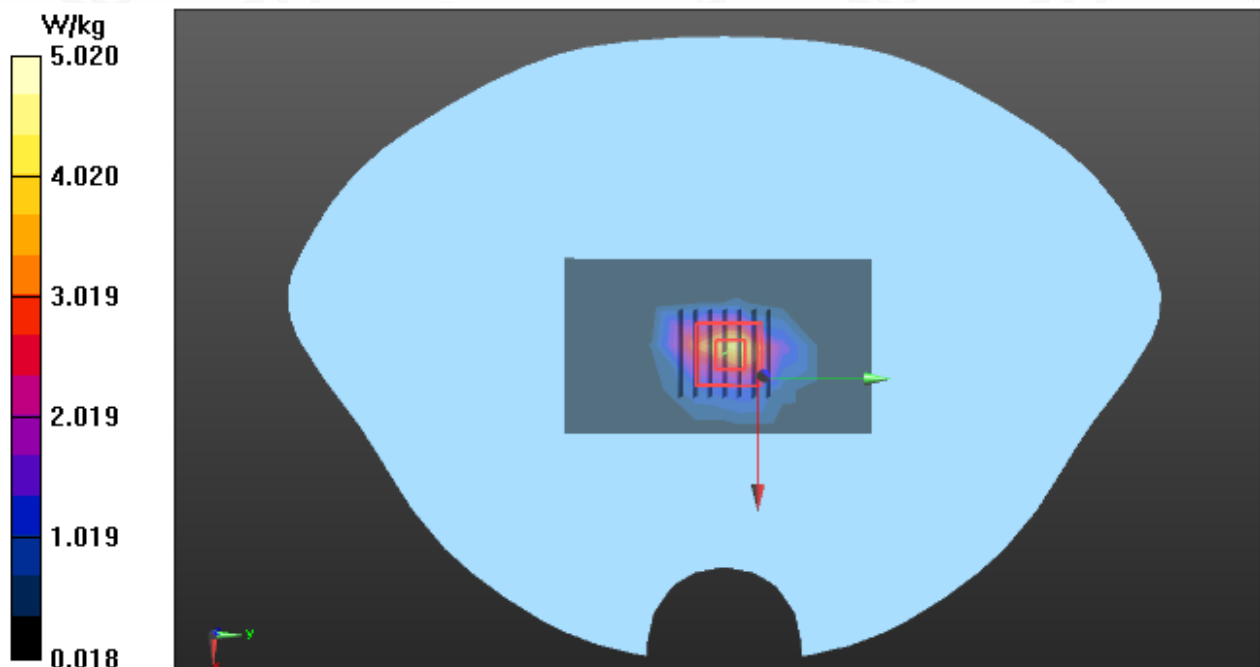
Configuration/System Check Head 2600Hz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.208 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.16 W/kg

SAR(1 g) = 3.37 W/kg; SAR(10 g) = 1.53 W/kg

Maximum value of SAR (measured) = 5.02 W/kg



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

Date: Jul. 20, 2021

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;
Frequency: 5200 MHz; Medium parameters used: $f = 5250$ MHz; $\sigma = 4.61$ mho/m; $\epsilon_r = 35.81$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=15dBm
Ambient temperature (°C): 21.9, Liquid temperature (°C): 21.7,

DASY Configuration:

- Probe: EX3DV4 – SN3953; ConvF(5.53, 5.53, 5.53); Calibrated: Jul. 29,2020
- 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=10mm, dy=10mm

Maximum value of SAR (measured) = 9.11 W/kg

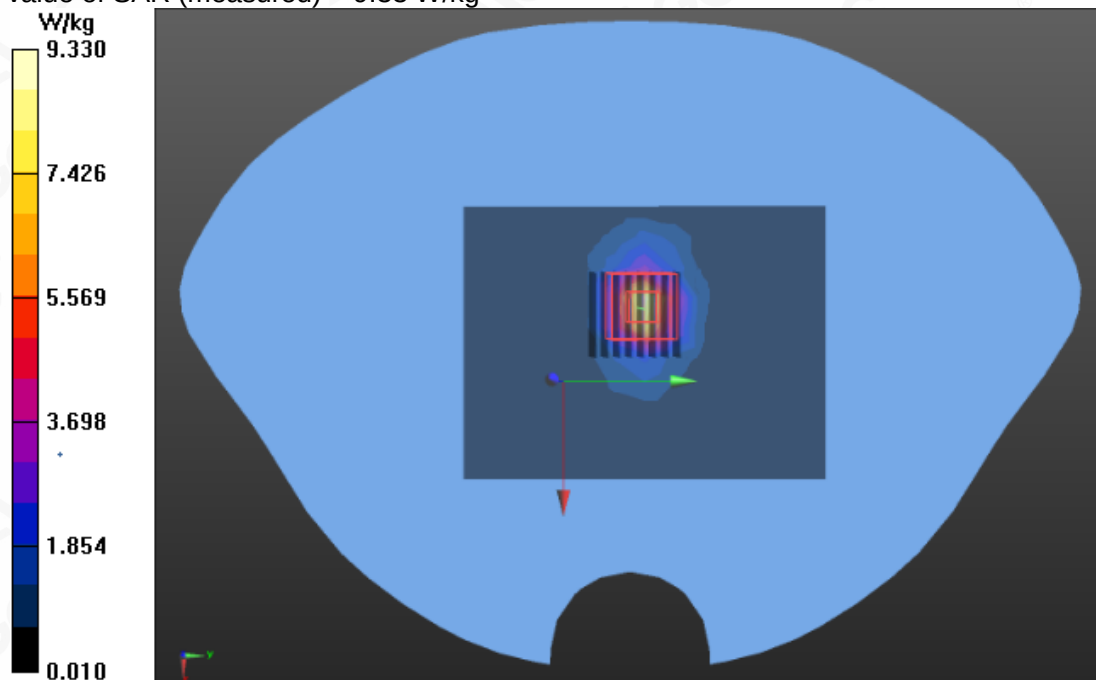
Configuration/System Check 5200MHz Head/Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 27.115 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 4.92 W/kg; SAR(10 g) = 1.74 W/kg

Maximum value of SAR (measured) = 9.33 W/kg



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Test Laboratory: AGC Lab
System Check Head 5300 MHz
DUT: Dipole 5000MHz Type: SWG5500

Date: Jul. 21, 2021

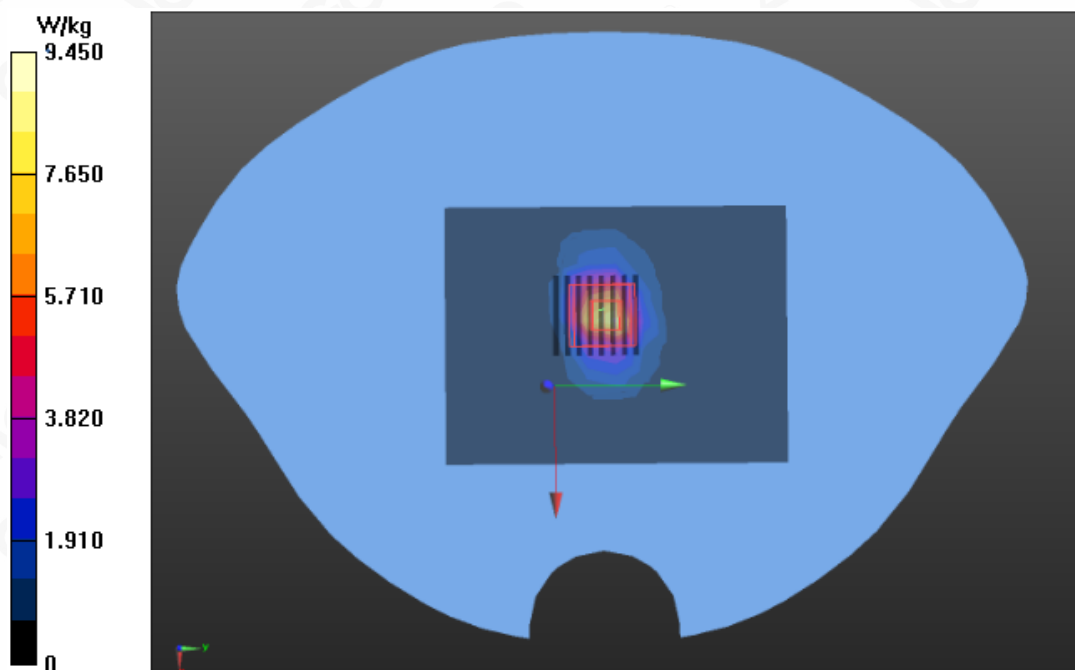
Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;
Frequency: 5300 MHz; Medium parameters used: $f = 5300$ MHz; $\sigma = 4.78$ mho/m; $\epsilon_r = 36.34$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=15dBm
Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.3,

DASY Configuration:

- Probe: EX3DV4 – SN3953; ConvF(5.53, 5.53, 5.53); Calibrated: Jul. 29,2020
- 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 5400MHz Head/Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.30 W/kg

Configuration/System Check 5400MHz Head/Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 36.817 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 5.35 W/kg; SAR(10 g) = 1.88 W/kg
Maximum value of SAR (measured) = 9.45 W/kg



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

Date: Jul. 24, 2021

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;
Frequency: 5800 MHz; Medium parameters used: $f = 5750$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 36.07$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section; Input Power=15dBm
Ambient temperature (°C): 21.9 Liquid temperature (°C): 21.7,

DASY Configuration:

- Probe: EX3DV4 – SN3953; ConvF(4.99, 4.99, 4.99); Calibrated: Jul. 29,2020
- 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=10mm, dy=10mm

Maximum value of SAR (measured) = 9.88 W/kg

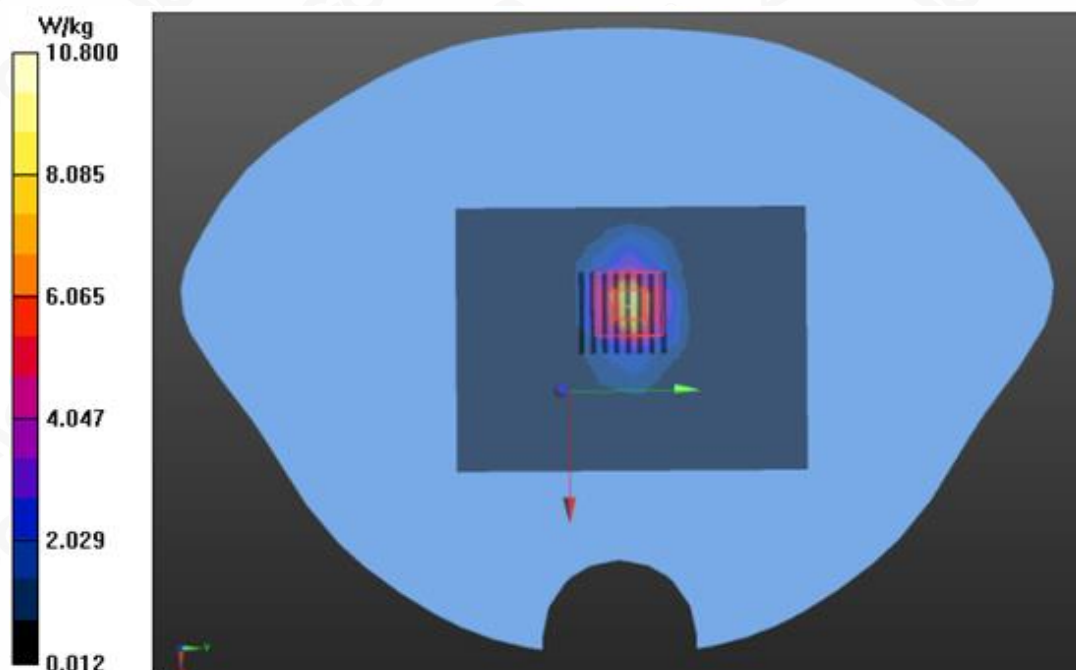
Configuration/System Check 5800MHz Head /Zoom Scan (8x8x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 28.156 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 5.91 W/kg; SAR(10 g) = 1.93 W/kg

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



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APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab

Date: Jul. 07, 2021

GSM 850 Mid-Touch-Left <SIM 1>

DUT: 4G Smart Phone ; Type: H3

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C): 21.7, Liquid temperature (°C): 21.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.13, 10.13, 10.13); Calibrated: Jul. 29, 2020;
- 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)

LIFT HEAD/L-C/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.671 W/kg

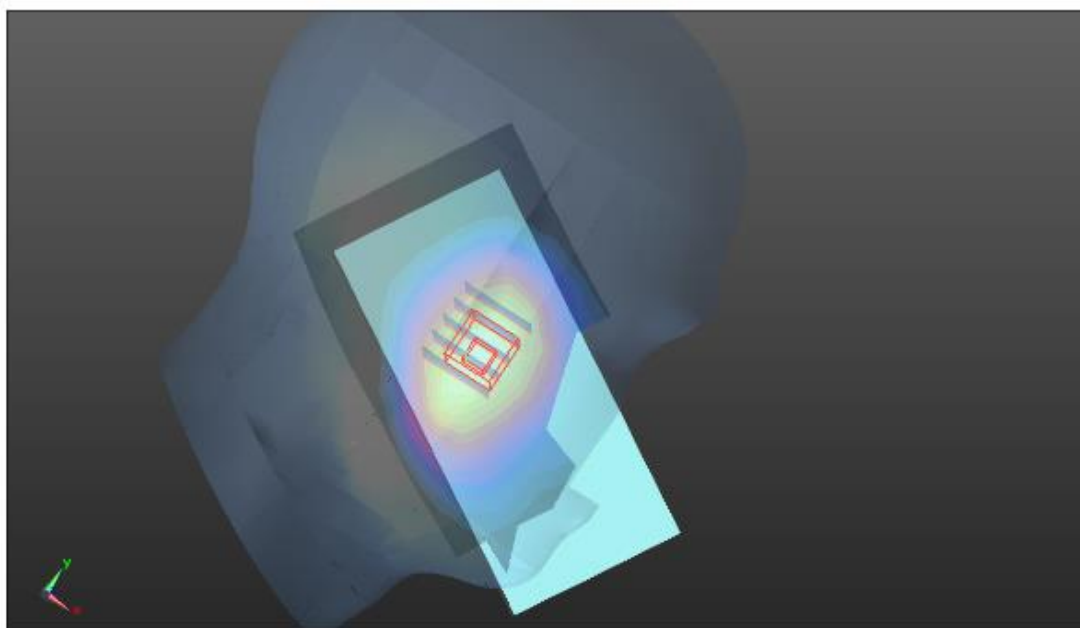
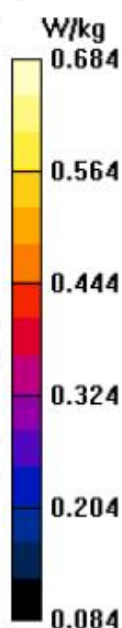
LIFT HEAD/L-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.883 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 0.684 W/kg



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Test Laboratory: AGC Lab
GSM 850 Mid- Body- Back(MS)<SIM 1>
DUT: 4G Smart Phone ; Type: H3

Date: Jul. 07, 2021

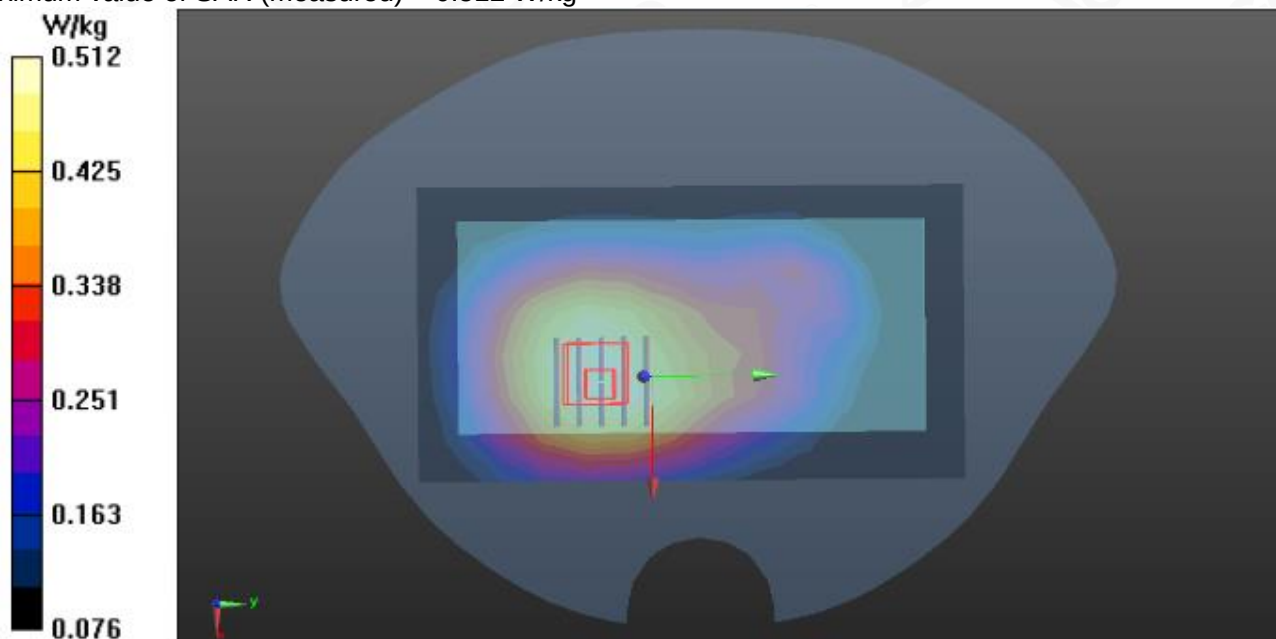
Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):21.7, Liquid temperature (°C): 21.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.13, 10.13, 10.13); Calibrated: Jul. 29,2020;
- 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)

BODY/BACK 2/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.505 W/kg

BODY/BACK 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 20.581 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.595 W/kg
SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.353 W/kg
Maximum value of SAR (measured) = 0.512 W/kg



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Test Laboratory: AGC Lab
GPRS 850 Mid- Body- Back (2up) < SIM 1>
DUT: 4G Smart Phone ; Type: H3

Date: Jul. 07, 2021

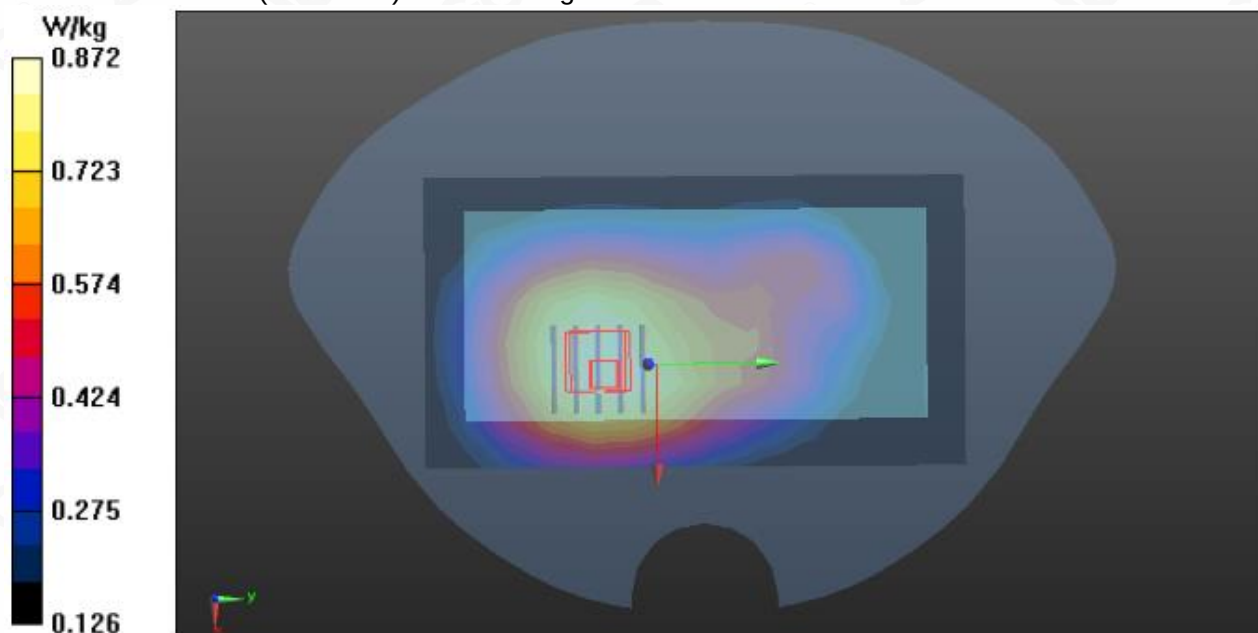
Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2;
Frequency: 836.6 MHz; Medium parameters used: $f = 835$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section
Ambient temperature (°C):21.7, Liquid temperature (°C): 21.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.13, 10.13, 10.13); Calibrated: Jul. 29,2020;
- 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)

BODY/2ST-BACK/Area Scan (8x14x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.843 W/kg

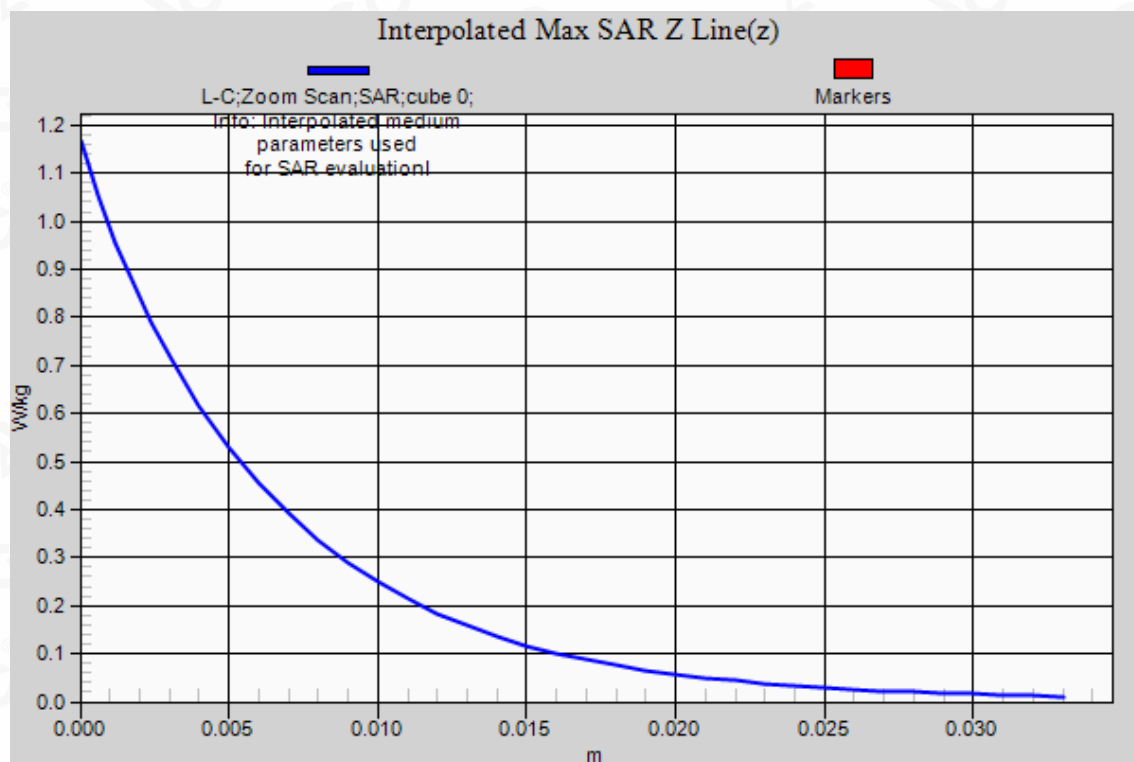
BODY/2ST-BACK/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 26.439 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.600 W/kg
Maximum value of SAR (measured) = 0.872 W/kg



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Test Laboratory: AGC Lab
PCS 1900 Mid-Touch-Left <SIM 1>
DUT: 4G Smart Phone ; Type: H3

Date: Jul. 06, 2021

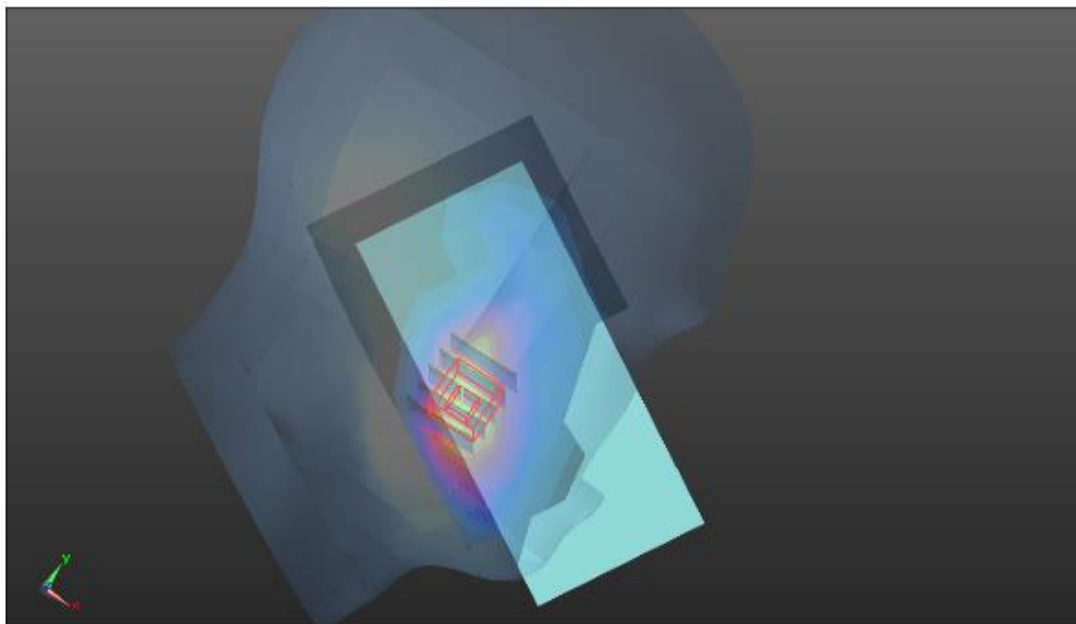
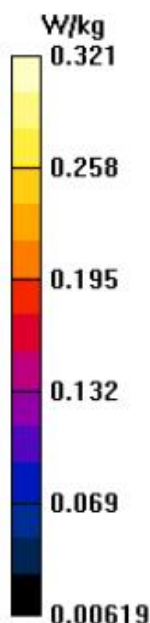
Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;
Frequency: 1880 MHz; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³ ;
Phantom section: Left Section
Ambient temperature (°C):21.7, Liquid temperature (°C): 21.7

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.32, 8.32, 8.32); Calibrated: Jul. 29,2020;
- 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)

LIFT HEAD/L-C/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.303 W/kg

LIFT HEAD/L-C/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.446 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.159 W/kg
Maximum value of SAR (measured) = 0.321 W/kg



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