

SAR TEST REPORT



The following samples were submitted and identified on behalf of the client as:

Equipment Under Test	ASUS Phone (Mobile Phone)
Marketing Name	ROG Phone 3
Brand Name	ASUS
Company Name	ASUSTeK COMPUTER INC.
Company Address	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Standards	IEEE/ANSI C95.1-1992, IEEE 1528-2013,
FCC ID	MSQI003D
Date of Receipt	May. 06, 2020
Date of Test(s)	Jun. 11, 2020 ~ Aug. 27, 2020
Date of Issue	Sep. 02, 2020

In the configuration tested, the EUT complied with the standards specified above.

Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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Signed on behalf of SGS

Clerk / Ruby Ou	Supervisor / Afu Chen	Asst. Manager / John Yeh

Date: Sep. 02, 2020

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Revision History

Report Number	Revision	Description	Issue Date
ES/2020/30005	Rev.00	Initial creation of document	Sep. 02, 2020

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Contents

0. Guidance applied.....	5
1. General Information.....	6
1.1 Testing Laboratory	6
1.2 Details of Applicant.....	6
1.3 Description of EUT	7
Default power	15
2G	15
3G	19
4G	22
Intra-Band ULCA power table (Default power).....	37
5G NR power table (Default power).....	39
WLAN802.11 a/b/g/n/ac/ax (20M/40M/80M) conducted power table	45
Reduced power	60
2G	60
3G	67
4G	72
Intra-Band ULCA power table (Reduced power).....	105
5G NR power table (Reduced power).....	106
WLAN802.11 a/b/g/n/ac/ax (20M/40M/80M) conducted power table	111
1.3.1 LTE Downlink CA	116
1.4 Test Environment.....	125
1.5 Operation Description.....	125
1.6 Positioning Procedure	137
1.7 Evaluation Procedures	139
1.8 Probe Calibration Procedures.....	141
1.9 The SAR Measurement System	144
1.10 System Components	146
1.11 SAR System Verification	148
1.12 Tissue Simulant Fluid for the Frequency Band	152
1.13 Test Standards and Limits	154
2. Summary of Results	156
2.1 Decision rules.....	156
2.2 Summary of Results	156
2.3 Supplemental Head SAR results	273
2.4 Supplemental Body-worn SAR results.....	274
2.5 Supplemental Product specific 10-g SAR results.....	278
2.6 Reporting statements of conformity	281
3. Simultaneous Transmission Analysis.....	282
3.1 Estimated SAR calculation	283
3.2 SPLSR evaluation and analysis	283
4. Instruments List.....	357

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5. Uncertainty Budget.....	359
Appendixes	361
ES202030005 SAR_Appendix A Photographs.....	361
ES202030005 SAR_Appendix B DAE & Probe Cal. Certificate	361
ES202030005 SAR_Appendix C Phantom Description & Dipole Cal. Certificate.....	361
ES202030005 SAR_Appendix D Detailed Test Results	361

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0. Guidance applied

The SAR testing method and procedure for this device is in accordance with the following standards:

IEEE/ANSI C95.1-1992

IEEE 1528-2013

KDB447498D01v06

KDB865664D01v01r04

KDB865664D02v01r02

KDB648474D04v01r03

KDB941225D01v03r01

KDB941225D05v02r05

KDB941225D05Av01r02

KDB941225D06v02r01

KDB248227D01v02r02

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1. General Information

1.1 Testing Laboratory

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Tel	+886-2-2299-3279
Fax	+886-2-2298-0488
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1.2 Details of Applicant

Company Name	ASUSTeK COMPUTER INC.
Company Address	1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan

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1.3 Description of EUT

EUT Name	ASUS Phone (Mobile Phone)		
FCC ID	MSQI003D		
Brand Name	ASUS		
Marketing Name	ROG Phone 3		
Mode of Operation	☒ GSM ☒ GPRS ☒ WCDMA ☒ HSDPA ☒ HSUPA ☒ HSPA+ ☒ DC-HSDPA ☒ LTE FDD ☒ LTE TDD ☒ 5G NR ☒ WLAN802.11 a/b/g/n/ac/ax(20M/40M/80M) ☒ Bluetooth		
Duty Cycle	GSM (DTM multi class B)	1/8.3	
	GPRS (support multi class 10 max)	1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)	
	EDGE (support multi class 10 max)	1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)	
	LTE FDD	1	
	LTE TDD	0.633	
	WCDMA	1	
	5G NR	1	
	WLAN802.11a/b/g/n/ac/ax (20M/40M/80M)	1	
	Bluetooth	1	
TX Frequency Range (MHz)	GSM850	824	— 849
	GSM1900	1850	— 1910
	WCDMA Band II	1850	— 1910
	WCDMA Band IV	1710	— 1755
	WCDMA Band V	824	— 849
	LTE FDD Band 2	1850	— 1910
	LTE FDD Band 4	1710	— 1755
	LTE FDD Band 5	824	— 849
	LTE FDD Band 7	2500	— 2570
	LTE FDD Band 12	699	— 716
	LTE FDD Band 13	777	— 787
	LTE FDD Band 17	704	— 716

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TX Frequency Range (MHz)	LTE FDD Band 25	1850	—	1915
	LTE FDD Band 26	814	—	849
	LTE FDD Band 30	2305	—	2315
	LTE TDD Band 38	2570	—	2620
	LTE TDD Band 41	2496	—	2690
	LTE TDD Band 48	3550	—	3700
	LTE FDD Band 66	1710	—	1780
	LTE FDD Band 71	663	—	698
	n2	1850	—	1910
	n5	842	—	849
	n41	2496	—	2690
	n66	1710	—	1780
	n71	663	—	698
	WLAN802.11 b/g/n/ax(20M)	2412	—	2462
	WLAN802.11 n/ax(40M)	2422	—	2452
	WLAN802.11 a/n/ac/ax(20M) 5.2G	5180	—	5240
	WLAN802.11 n/ac/ax(40M) 5.2G	5190	—	5230
	WLAN802.11 ac/ax(80M) 5.2G	5210		
	WLAN802.11 a/n/ac/ax(20M) 5.3G	5260	—	5320
	WLAN802.11 n/ac/ax(40M) 5.3G	5270	—	5310
	WLAN802.11 ac/ax(80M) 5.3G	5290		
	WLAN802.11 a/n/ac/ax(20M) 5.6G	5500	—	5720
	WLAN802.11 n/ac/ax(40M) 5.6G	5510	—	5710
	WLAN802.11 ac/ax(80M) 5.6G	5530	—	5690
	WLAN802.11 a/n/ac/ax(20M) 5.8G	5745	—	5825
	WLAN802.11 n/ac/ax(40M) 5.8G	5755	—	5795
	WLAN802.11 ac/ax(80M) 5.8G	5775		

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TX Frequency Range (MHz)	Bluetooth	2402	—	2480
Channel Number (ARFCN)	GSM850	128	—	251
	GSM1900	512	—	810
	WCDMA Band II	9262	—	9538
	WCDMA Band IV	1312	—	1513
	WCDMA Band V	4132	—	4233
	LTE FDD Band 2	18607	—	19193
	LTE FDD Band 4	19957	—	20393
	LTE FDD Band 5	20407	—	20643
	LTE FDD Band 7	20775	—	21425
	LTE FDD Band 12	23017	—	23173
	LTE FDD Band 13	23205	—	23255
	LTE FDD Band 17	23755	—	23825
	LTE FDD Band 25	26047	—	26683
	LTE FDD Band 26	26697	—	27033
	LTE FDD Band 30	27685	—	27735
	LTE TDD Band 38	37775	—	38225
	LTE TDD Band 41	39675	—	41565
	LTE TDD Band 48	55265	—	56715
	LTE FDD Band 66	131979	—	132665
	LTE FDD Band 71	133147	—	133447
	n2	370500	—	381500
	n5	165300	—	169300
	n41	501204	—	535998
	n66	342500	—	354500
	n71	133100	—	139100

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Channel Number (ARFCN)	WLAN802.11 b/g/n/ax(20M)	1	—	11
	WLAN802.11 n/ax(40M)	3	—	9
	WLAN802.11 a/n/ac/ax(20M) 5.2G	36	—	48
	WLAN802.11 n/ac/ax(40M) 5.2G	38	—	46
	WLAN802.11 ac/ax(80M) 5.2G	42		
	WLAN802.11 a/n/ac/ax(20M) 5.3G	52	—	64
	WLAN802.11 n/ac/ax(40M) 5.3G	54	—	62
	WLAN802.11 ac/ax(80M) 5.3G	58		
	WLAN802.11 a/n/ac/ax(20M) 5.6G	100	—	144
	WLAN802.11 n/ac/ax(40M) 5.6G	102	—	142
	WLAN802.11 ac/ax(80M) 5.6G	106	—	138
	WLAN802.11 a/n/ac/ax(20M) 5.8G	149	—	165
	WLAN802.11 n/ac/ax(40M) 5.8G	151	—	159
	Bluetooth	0	—	78

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WWAN

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Head	GSM 850	0.76	1.15	☐ Left ☒ Right ☒ Cheek ☐ Tilt 251 Channel

5G NR

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Head	n2	0.09	0.09	☐ Left ☒ Right ☒ Cheek ☐ Tilt 376000 Channel

WLAN Antenna

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Head	WLAN802.11 b	1.04	1.10	☒ Left ☐ Right ☒ Cheek ☐ Tilt 1 Channel
	WLAN802.11ac(80M) 5.6G	1.17	1.17	☒ Left ☐ Right ☒ Cheek ☐ Tilt 138 Channel
	Bluetooth	0.53	0.59	☒ Left ☐ Right ☒ Cheek ☐ Tilt 18 Channel

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WWAN

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Body-worn	LTE FDD Band 25	0.50	0.62	☐ Front 26140 ☒ Back Channel

5G NR

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Body-worn	n2	0.27	0.28	☐ Front 376000 ☒ Back Channel

WLAN Antenna

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Body-worn	WLAN802.11 b	0.15	0.16	☐ Front 11 ☒ Back Channel
	WLAN802.11a5.3G	0.88	0.88	☐ Front 52 ☒ Back Channel
	Bluetooth	0.15	0.17	☐ Front 18 ☒ Back Channel

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WWAN

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Hotspot mode	WCDMA Band II	1.13	1.17	☐ Front ☐ Back ☐ Top ☐ Right ☐ Left ☒ Bottom 9538 Channel

5G NR

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Hotspot mode	n41	1.01	1.02	☐ Front ☒ Back ☐ Top ☐ Right ☐ Left ☐ Bottom 509202 Channel

WLAN Antenna

Max. SAR (1-g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Hotspot mode	WLAN802.11 b	0.15	0.15	☐ Front ☒ Back ☐ Top ☐ Right ☐ Left ☐ Bottom 11 Channel
	WLAN802.11n(20M)5.3G	0.82	0.82	☐ Front ☒ Back ☐ Top ☐ Right ☐ Left ☐ Bottom 60 Channel
	Bluetooth	0.04	0.04	☐ Front ☒ Back ☐ Top ☐ Right ☐ Left ☐ Bottom 18 Channel

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WWAN Antenna

Max. SAR (10 g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Product specific 10-g SAR	WCDMA Band IV	3.02	3.44	☐ Front ☐ Back ☐ Top ☐ Right ☐ Left ☒ Bottom 1412 Channel

5G NR

Max. SAR (10 g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Product specific 10-g SAR	n41	3.51	3.53	☐ Front ☒ Back ☐ Top ☐ Right ☐ Left ☐ Bottom 509202 Channel

WLAN Antenna

Max. SAR (10 g) (Unit: W/Kg)				
Mode	Band	Measured	Reported	Position / Channel
Product specific 10-g SAR	WLAN802.11a5.6G	1.21	1.28	☐ Front ☒ Back ☐ Top ☐ Right ☐ Left ☐ Bottom 100 Channel

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Default power

2G

GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

GPRS 850 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	34
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	32.13
	836.6	190	32.48	32.20
	848.8	251	32.27	32.19
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	26.11
	836.6	190	23.45	26.18
	848.8	251	23.24	26.17
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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EDGE 850 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			29	29
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
EDGE 850 (8PSK)	824.2	128	26.52	26.10
	836.6	190	26.72	26.34
	848.8	251	26.42	26.30
Source-based time average power				
EDGE 850 (8PSK)	824.2	128	17.49	20.08
	836.6	190	17.69	20.32
	848.8	251	17.39	20.28
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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GSM 1900 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	31	30.13	21.10
	1800	661	31	30.50	21.47
	1909.8	810	31	30.22	21.19
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

GPRS 1900 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			31	31
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 1900 (GMSK)	1850.2	512	30.26	29.98
	1880	661	30.55	30.39
	1909.8	810	30.23	30.10
Source-based time average power				
GPRS 1900 (GMSK)	1850.2	512	21.23	23.96
	1880	661	21.52	24.37
	1909.8	810	21.20	24.08
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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EDGE 1900 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			28	28
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
EDGE 1900 (8PSK)	1850.2	512	25.80	25.32
	1880	661	25.84	25.82
	1909.8	810	25.71	25.50
Source-based time average power				
EDGE 1900 (8PSK)	1850.2	512	16.77	19.30
	1880	661	16.81	19.80
	1909.8	810	16.68	19.48
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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Default power

3G

WCDMA Band II / Band IV / Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table (Unit: dBm):

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	23.09	23.11	23.04
3GPP Rel 5	HSDPA Subtest-1	22.17	22.14	22.05
	HSDPA Subtest-2	22.15	22.15	22.03
	HSDPA Subtest-3	21.63	21.62	21.56
	HSDPA Subtest-4	21.86	21.66	21.57
3GPP Rel 6	HSUPA Subtest-1	22.18	22.10	22.03
	HSUPA Subtest-2	21.63	21.64	21.55
	HSUPA Subtest-3	22.16	22.14	21.98
	HSUPA Subtest-4	22.18	22.11	22.04
	HSUPA Subtest-5	22.13	22.07	22.05
3GPP Rel 7	HSUPA Subtest-1	22.17	22.14	22.05
3GPP Rel 8	HSUPA Subtest-2	22.01	21.98	21.89
	HSUPA Subtest-3	22.11	22.11	21.99
	HSUPA Subtest-4	21.53	21.52	21.46
	HSUPA Subtest-5	21.85	21.65	21.56

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Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		23.50		
3GPP Rel 99	RMC 12.2Kbps	22.96	22.93	22.97
3GPP Rel 5	HSDPA Subtest-1	21.98	21.99	21.98
	HSDPA Subtest-2	22.03	21.96	21.95
	HSDPA Subtest-3	21.51	21.52	21.46
	HSDPA Subtest-4	21.47	21.50	21.47
3GPP Rel 6	HSUPA Subtest-1	22.04	21.89	21.96
	HSUPA Subtest-2	21.50	21.49	21.48
	HSUPA Subtest-3	21.98	21.97	21.94
	HSUPA Subtest-4	21.96	21.95	21.97
	HSUPA Subtest-5	21.93	21.93	21.92
3GPP Rel 7	HSUPA Subtest-1	21.92	21.93	21.92
3GPP Rel 8	HSUPA Subtest-2	21.92	21.85	21.84
	HSUPA Subtest-3	21.42	21.43	21.37
	HSUPA Subtest-4	21.43	21.46	21.43
	HSUPA Subtest-5	21.95	21.80	21.87
Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	23.18	23.13	23.09
3GPP Rel 5	HSDPA Subtest-1	22.15	22.07	23.11
	HSDPA Subtest-2	22.21	22.36	23.10
	HSDPA Subtest-3	21.64	21.86	23.13
	HSDPA Subtest-4	21.67	21.77	23.12
3GPP Rel 6	HSUPA Subtest-1	22.15	22.10	22.03
	HSUPA Subtest-2	21.66	21.59	21.61
	HSUPA Subtest-3	22.14	22.05	22.12
	HSUPA Subtest-4	22.15	22.09	22.08
	HSUPA Subtest-5	22.18	22.05	22.06
3GPP Rel 7	HSUPA Subtest-1	22.10	22.05	21.98
3GPP Rel 8	HSUPA Subtest-2	21.63	21.56	21.58
	HSUPA Subtest-3	21.98	21.89	21.96
	HSUPA Subtest-4	22.01	21.95	21.94
	HSUPA Subtest-5	22.05	21.92	21.93

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Subtests for WCDMA Release 5 HSDPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15	15/15	64	12/15	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Subtests for WCDMA Release 6 HSUPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1)	β_{ec}	β_{ed} (Note 5) (Note 6)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 6)	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1} : 47/15 β_{ed2} : 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	30/15	24/15	134/15	4	1	1.0	0.0	21	81

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4G

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Item	Test Item	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result	Test Result	Test Result	Item	Test Item	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result	Test Result	Test Result	Item	Test Item	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result	Test Result	Test Result	Item	Test Item	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result	Item	Test Item	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result	Item	Test Item	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result	Item	Test Item	Test Method	Test Result	Test Result	Test Result	Test Result	Test Result
1.1	1.1.1	1.1.1.1	1.1.1.1.1	1.1.1.1.2	1.1.1.1.3	1.1.1.1.4	1.1.1.1.5	1.1.1.1.6	1.1.1.1.7	1.2	1.2.1	1.2.1.1	1.2.1.1.1	1.2.1.1.2	1.2.1.1.3	1.2.1.1.4	1.2.1.1.5	1.2.1.1.6	1.2.1.1.7	1.3	1.3.1	1.3.1.1	1.3.1.1.1	1.3.1.1.2	1.3.1.1.3	1.3.1.1.4	1.3.1.1.5	1.3.1.1.6	1.3.1.1.7	1.4	1.4.1	1.4.1.1	1.4.1.1.1	1.4.1.1.2	1.4.1.1.3	1.4.1.1.4	1.4.1.1.5	1.4.1.1.6	1.4.1.1.7	1.5	1.5.1	1.5.1.1	1.5.1.1.1	1.5.1.1.2	1.5.1.1.3	1.5.1.1.4	1.5.1.1.5	1.5.1.1.6	1.5.1.1.7	1.6	1.6.1	1.6.1.1	1.6.1.1.1	1.6.1.1.2	1.6.1.1.3	1.6.1.1.4	1.6.1.1.5	1.6.1.1.6	1.6.1.1.7		
	1.1.2	1.1.2.1	1.1.2.1.1	1.1.2.1.2	1.1.2.1.3	1.1.2.1.4	1.1.2.1.5	1.1.2.1.6	1.1.2.1.7		1.2.2	1.2.2.1	1.2.2.1.1	1.2.2.1.2	1.2.2.1.3	1.2.2.1.4	1.2.2.1.5	1.2.2.1.6	1.2.2.1.7		1.3.2	1.3.2.1	1.3.2.1.1	1.3.2.1.2	1.3.2.1.3	1.3.2.1.4	1.3.2.1.5	1.3.2.1.6	1.3.2.1.7		1.4.2	1.4.2.1	1.4.2.1.1	1.4.2.1.2	1.4.2.1.3	1.4.2.1.4	1.4.2.1.5	1.4.2.1.6	1.4.2.1.7		1.5.2	1.5.2.1	1.5.2.1.1	1.5.2.1.2	1.5.2.1.3	1.5.2.1.4	1.5.2.1.5	1.5.2.1.6	1.5.2.1.7		1.6.2	1.6.2.1	1.6.2.1.1	1.6.2.1.2	1.6.2.1.3	1.6.2.1.4	1.6.2.1.5	1.6.2.1.6	1.6.2.1.7		
	1.1.3	1.1.3.1	1.1.3.1.1	1.1.3.1.2	1.1.3.1.3	1.1.3.1.4	1.1.3.1.5	1.1.3.1.6	1.1.3.1.7		1.2.3	1.2.3.1	1.2.3.1.1	1.2.3.1.2	1.2.3.1.3	1.2.3.1.4	1.2.3.1.5	1.2.3.1.6	1.2.3.1.7		1.3.3	1.3.3.1	1.3.3.1.1	1.3.3.1.2	1.3.3.1.3	1.3.3.1.4	1.3.3.1.5	1.3.3.1.6	1.3.3.1.7		1.4.3	1.4.3.1	1.4.3.1.1	1.4.3.1.2	1.4.3.1.3	1.4.3.1.4	1.4.3.1.5	1.4.3.1.6	1.4.3.1.7		1.5.3	1.5.3.1	1.5.3.1.1	1.5.3.1.2	1.5.3.1.3	1.5.3.1.4	1.5.3.1.5	1.5.3.1.6	1.5.3.1.7		1.6.3	1.6.3.1	1.6.3.1.1	1.6.3.1.2	1.6.3.1.3	1.6.3.1.4	1.6.3.1.5	1.6.3.1.6	1.6.3.1.7		
	1.1.4	1.1.4.1	1.1.4.1.1	1.1.4.1.2	1.1.4.1.3	1.1.4.1.4	1.1.4.1.5	1.1.4.1.6	1.1.4.1.7		1.2.4	1.2.4.1	1.2.4.1.1	1.2.4.1.2	1.2.4.1.3	1.2.4.1.4	1.2.4.1.5	1.2.4.1.6	1.2.4.1.7		1.3.4	1.3.4.1	1.3.4.1.1	1.3.4.1.2	1.3.4.1.3	1.3.4.1.4	1.3.4.1.5	1.3.4.1.6	1.3.4.1.7		1.4.4	1.4.4.1	1.4.4.1.1	1.4.4.1.2	1.4.4.1.3	1.4.4.1.4	1.4.4.1.5	1.4.4.1.6	1.4.4.1.7		1.5.4	1.5.4.1	1.5.4.1.1	1.5.4.1.2	1.5.4.1.3	1.5.4.1.4	1.5.4.1.5	1.5.4.1.6	1.5.4.1.7		1.6.4	1.6.4.1	1.6.4.1.1	1.6.4.1.2	1.6.4.1.3	1.6.4.1.4	1.6.4.1.5	1.6.4.1.6	1.6.4.1.7		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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FDD Band 13							
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)
10	QPSK	1 RB	0	782	23230	23.10	24.50
			25	782	23230	23.05	24.50
			49	782	23230	23.40	24.50
		25 RB	0	782	23230	22.20	23.50
			12	782	23230	22.27	23.50
			25	782	23230	22.19	23.50
		50RB			782	23230	22.16
					782	23230	22.16
	16-QAM	1 RB	0	782	23230	22.54	23.50
			25	782	23230	22.80	23.50
			49	782	23230	22.45	23.50
		25 RB	0	782	23230	21.23	22.50
			12	782	23230	21.20	22.50
			25	782	23230	21.33	22.50
		50RB			782	23230	21.24
					782	23230	21.24
	64-QAM	1 RB	0	782	23230	21.31	22.50
			25	782	23230	21.30	22.50
			49	782	23230	21.37	22.50
		25 RB	0	782	23230	20.34	21.50
			12	782	23230	20.39	21.50
			25	782	23230	20.25	21.50
		50RB			782	23230	20.31
					782	23230	20.31
	256-QAM	1 RB	0	782	23230	18.31	19.50
			25	782	23230	18.26	19.50
			49	782	23230	18.28	19.50
		25 RB	0	782	23230	18.33	19.50
			12	782	23230	18.33	19.50
			25	782	23230	18.25	19.50
		50RB			782	23230	18.21
					782	23230	18.21

FDD Band 13							
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)
5	QPSK	1 RB	0	779.5	23205	22.98	24.50
				782	23230	22.98	24.50
				784.5	23255	23.26	24.50
			12	779.5	23205	22.84	24.50
				782	23230	22.85	24.50
				784.5	23255	23.25	24.50
			24	779.5	23205	22.77	24.50
				782	23230	22.82	24.50
				784.5	23255	23.07	24.50
		12 RB	0	779.5	23205	22.37	23.50
				782	23230	22.35	23.50
				784.5	23255	22.47	23.50
			6	779.5	23205	22.35	23.50
				782	23230	22.32	23.50
				784.5	23255	22.31	23.50
			13	779.5	23205	22.45	23.50
				782	23230	22.42	23.50
				784.5	23255	22.45	23.50
		25RB		779.5	23205	22.32	23.50
				782	23230	22.49	23.50
				784.5	23255	22.42	23.50
				779.5	23205	22.33	23.50
	16-QAM	1 RB	0	782	23230	22.36	23.50
				784.5	23255	22.44	23.50
				779.5	23205	22.31	23.50
			12	782	23230	22.43	23.50
				784.5	23255	22.41	23.50
				779.5	23205	22.34	23.50
			24	782	23230	22.40	23.50
				784.5	23255	22.44	23.50
				779.5	23205	21.37	22.50
		12 RB	0	782	23230	21.31	22.50
				784.5	23255	21.38	22.50
				779.5	23205	21.39	22.50
			6	782	23230	21.44	22.50
				784.5	23255	21.36	22.50
				779.5	23205	21.39	22.50
			13	782	23230	21.47	22.50
				784.5	23255	21.40	22.50
				779.5	23205	21.37	22.50
		25RB		782	23230	21.33	22.50
				784.5	23255	21.49	22.50
				779.5	23205	21.33	22.50
				782	23230	21.27	22.50
	64-QAM	1 RB	0	784.5	23255	21.20	22.50
				779.5	23205	21.26	22.50
				782	23230	21.29	22.50
			12	784.5	23255	21.23	22.50
				779.5	23205	21.20	22.50
				782	23230	21.27	22.50
			24	784.5	23255	21.35	22.50
				779.5	23205	20.29	21.50
		12 RB	0	782	23230	20.28	21.50
				784.5	23255	20.27	21.50
				779.5	23205	20.25	21.50
			6	782	23230	20.33	21.50
				784.5	23255	20.25	21.50
				779.5	23205	20.28	21.50
			13	782	23230	20.21	21.50
				784.5	23255	20.33	21.50
				779.5	23205	20.37	21.50
		25RB		782	23230	20.33	21.50
				784.5	23255	20.27	21.50
	256-QAM	1 RB	0	779.5	23205	18.21	19.50
				782	23230	18.24	19.50
				784.5	23255	18.32	19.50
			12	779.5	23205	18.35	19.50
				782	23230	18.34	19.50
				784.5	23255	18.23	19.50
			24	779.5	23205	18.39	19.50
				782	23230	18.25	19.50
				784.5	23255	18.32	19.50
		12 RB	0	779.5	23205	18.34	19.50
				782	23230	18.26	19.50
				784.5	23255	18.30	19.50
			6	779.5	23205	18.38	19.50
				782	23230	18.29	19.50
				784.5	23255	18.21	19.50
			13	779.5	23205	18.27	19.50
				782	23230	18.29	19.50
				784.5	23255	18.36	19.50
		25RB		779.5	23205	18.20	19.50
				782	23230	18.22	19.50
				784.5	23255	18.28	19.50
				779.5	23205	18.21	19.50

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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TEST RESULTS										TEST RESULTS										TEST RESULTS										TEST RESULTS										TEST RESULTS										TEST RESULTS										
ITEM	TEST	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	ITEM	TEST	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	ITEM	TEST	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	ITEM	TEST	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	ITEM	TEST	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	ITEM	TEST	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	UNIT	RESULT	UNIT
1.1	1.1.1	1.1.1.1	1.1.1.1.1	1.1.1.1.2	1.1.1.1.3	1.1.1.1.4	1.1.1.1.5	1.1.1.1.6	1.1.1.1.7	1.2	1.2.1	1.2.1.1	1.2.1.1.1	1.2.1.1.2	1.2.1.1.3	1.2.1.1.4	1.2.1.1.5	1.2.1.1.6	1.2.1.1.7	1.3	1.3.1	1.3.1.1	1.3.1.1.1	1.3.1.1.2	1.3.1.1.3	1.3.1.1.4	1.3.1.1.5	1.3.1.1.6	1.3.1.1.7	1.4	1.4.1	1.4.1.1	1.4.1.1.1	1.4.1.1.2	1.4.1.1.3	1.4.1.1.4	1.4.1.1.5	1.4.1.1.6	1.4.1.1.7	1.5	1.5.1	1.5.1.1	1.5.1.1.1	1.5.1.1.2	1.5.1.1.3	1.5.1.1.4	1.5.1.1.5	1.5.1.1.6	1.5.1.1.7	1.6	1.6.1	1.6.1.1	1.6.1.1.1	1.6.1.1.2	1.6.1.1.3	1.6.1.1.4	1.6.1.1.5	1.6.1.1.6	1.6.1.1.7	
	1.1.2	1.1.2.1	1.1.2.1.1	1.1.2.1.2	1.1.2.1.3	1.1.2.1.4	1.1.2.1.5	1.1.2.1.6	1.1.2.1.7		1.2.2	1.2.2.1	1.2.2.1.1	1.2.2.1.2	1.2.2.1.3	1.2.2.1.4	1.2.2.1.5	1.2.2.1.6	1.2.2.1.7		1.3.2	1.3.2.1	1.3.2.1.1	1.3.2.1.2	1.3.2.1.3	1.3.2.1.4	1.3.2.1.5	1.3.2.1.6	1.3.2.1.7		1.4.2	1.4.2.1	1.4.2.1.1	1.4.2.1.2	1.4.2.1.3	1.4.2.1.4	1.4.2.1.5	1.4.2.1.6	1.4.2.1.7		1.5.2	1.5.2.1	1.5.2.1.1	1.5.2.1.2	1.5.2.1.3	1.5.2.1.4	1.5.2.1.5	1.5.2.1.6	1.5.2.1.7		1.6.2	1.6.2.1	1.6.2.1.1	1.6.2.1.2	1.6.2.1.3	1.6.2.1.4	1.6.2.1.5	1.6.2.1.6	1.6.2.1.7	
	1.1.3	1.1.3.1	1.1.3.1.1	1.1.3.1.2	1.1.3.1.3	1.1.3.1.4	1.1.3.1.5	1.1.3.1.6	1.1.3.1.7		1.2.3	1.2.3.1	1.2.3.1.1	1.2.3.1.2	1.2.3.1.3	1.2.3.1.4	1.2.3.1.5	1.2.3.1.6	1.2.3.1.7		1.3.3	1.3.3.1	1.3.3.1.1	1.3.3.1.2	1.3.3.1.3	1.3.3.1.4	1.3.3.1.5	1.3.3.1.6	1.3.3.1.7		1.4.3	1.4.3.1	1.4.3.1.1	1.4.3.1.2	1.4.3.1.3	1.4.3.1.4	1.4.3.1.5	1.4.3.1.6	1.4.3.1.7		1.5.3	1.5.3.1	1.5.3.1.1	1.5.3.1.2	1.5.3.1.3	1.5.3.1.4	1.5.3.1.5	1.5.3.1.6	1.5.3.1.7		1.6.3	1.6.3.1	1.6.3.1.1	1.6.3.1.2	1.6.3.1.3	1.6.3.1.4	1.6.3.1.5	1.6.3.1.6	1.6.3.1.7	
	1.1.4	1.1.4.1	1.1.4.1.1	1.1.4.1.2	1.1.4.1.3	1.1.4.1.4	1.1.4.1.5	1.1.4.1.6	1.1.4.1.7		1.2.4	1.2.4.1	1.2.4.1.1	1.2.4.1.2	1.2.4.1.3	1.2.4.1.4	1.2.4.1.5	1.2.4.1.6	1.2.4.1.7		1.3.4	1.3.4.1	1.3.4.1.1	1.3.4.1.2	1.3.4.1.3	1.3.4.1.4	1.3.4.1.5	1.3.4.1.6	1.3.4.1.7		1.4.4	1.4.4.1	1.4.4.1.1	1.4.4.1.2	1.4.4.1.3	1.4.4.1.4	1.4.4.1.5	1.4.4.1.6	1.4.4.1.7		1.5.4	1.5.4.1	1.5.4.1.1	1.5.4.1.2	1.5.4.1.3	1.5.4.1.4	1.5.4.1.5	1.5.4.1.6	1.5.4.1.7		1.6.4	1.6.4.1	1.6.4.1.1	1.6.4.1.2	1.6.4.1.3	1.6.4.1.4	1.6.4.1.5	1.6.4.1.6	1.6.4.1.7	
	1.1.5	1.1.5.1	1.1.5.1.1	1.1.5.1.2	1.1.5.1.3	1.1.5.1.4	1.1.5.1.5	1.1.5.1.6	1.1.5.1.7		1.2.5	1.2.5.1	1.2.5.1.1	1.2.5.1.2	1.2.5.1.3	1.2.5.1.4	1.2.5.1.5	1.2.5.1.6	1.2.5.1.7		1.3.5	1.3.5.1	1.3.5.1.1	1.3.5.1.2	1.3.5.1.3	1.3.5.1.4	1.3.5.1.5	1.3.5.1.6	1.3.5.1.7		1.4.5	1.4.5.1	1.4.5.1.1	1.4.5.1.2	1.4.5.1.3	1.4.5.1.4	1.4.5.1.5	1.4.5.1.6	1.4.5.1.7		1.5.5	1.5.5.1	1.5.5.1.1	1.5.5.1.2	1.5.5.1.3	1.5.5.1.4	1.5.5.1.5	1.5.5.1.6	1.5.5.1.7		1.6.5	1.6.5.1	1.6.5.1.1	1.6.5.1.2	1.6.5.1.3	1.6.5.1.4	1.6.5.1.5	1.6.5.1.6	1.6.5.1.7	
	1.1.6	1.1.6.1	1.1.6.1.1	1.1.6.1.2	1.1.6.1.3	1.1.6.1.4	1.1.6.1.5	1.1.6.1.6	1.1.6.1.7		1.2.6	1.2.6.1	1.2.6.1.1	1.2.6.1.2	1.2.6.1.3	1.2.6.1.4	1.2.6.1.5	1.2.6.1.6	1.2.6.1.7		1.3.6	1.3.6.1	1.3.6.1.1	1.3.6.1.2	1.3.6.1.3	1.3.6.1.4	1.3.6.1.5	1.3.6.1.6	1.3.6.1.7		1.4.6	1.4.6.1	1.4.6.1.1	1.4.6.1.2	1.4.6.1.3	1.4.6.1.4	1.4.6.1.5	1.4.6.1.6	1.4.6.1.7		1.5.6	1.5.6.1	1.5.6.1.1	1.5.6.1.2	1.5.6.1.3	1.5.6.1.4	1.5.6.1.5	1.5.6.1.6	1.5.6.1.7		1.6.6	1.6.6.1	1.6.6.1.1	1.6.6.1.2	1.6.6.1.3	1.6.6.1.4	1.6.6.1.5	1.6.6.1.6	1.6.6.1.7	
	1.1.7	1.1.7.1	1.1.7.1.1	1.1.7.1.2	1.1.7.1.3	1.1.7.1.4	1.1.7.1.5	1.1.7.1.6	1.1.7.1.7		1.2.7	1.2.7.1	1.2.7.1.1	1.2.7.1.2	1.2.7.1.3	1.2.7.1.4	1.2.7.1.5	1.2.7.1.6	1.2.7.1.7		1.3.7	1.3.7.1	1.3.7.1.1	1.3.7.1.2	1.3.7.1.3	1.3.7.1.4	1.3.7.1.5	1.3.7.1.6	1.3.7.1.7		1.4.7	1.4.7.1	1.4.7.1.1	1.4.7.1.2	1.4.7.1.3	1.4.7.1.4	1.4.7.1.5	1.4.7.1.6	1.4.7.1.7		1.5.7	1.5.7.1	1.5.7.1.1	1.5.7.1.2	1.5.7.1.3	1.5.7.1.4	1.5.7.1.5	1.5.7.1.6	1.5.7.1.7		1.6.7	1.6.7.1	1.6.7.1.1	1.6.7.1.2	1.6.7.1.3	1.6.7.1.4	1.6.7.1.5	1.6.7.1.6	1.6.7.1.7	
	1.1.8	1.1.8.1	1.1.8.1.1	1.1.8.1.2	1.1.8.1.3	1.1.8.1.4	1.1.8.1.5	1.1.8.1.6	1.1.8.1.7		1.2.8	1.2.8.1	1.2.8.1.1	1.2.8.1.2	1.2.8.1.3	1.2.8.1.4	1.2.8.1.5	1.2.8.1.6	1.2.8.1.7		1.3.8	1.3.8.1	1.3.8.1.1	1.3.8.1.2	1.3.8.1.3	1.3.8.1.4	1.3.8.1.5	1.3.8.1.6	1.3.8.1.7		1.4.8	1.4.8.1	1.4.8.1.1	1.4.8.1.2	1.4.8.1.3	1.4.8.1.4	1.4.8.1.5	1.4.8.1.6	1.4.8.1.7		1.5.8	1.5.8.1	1.5.8.1.1	1.5.8.1.2	1.5.8.1.3	1.5.8.1.4	1.5.8.1.5	1.5.8.1.6	1.5.8.1.7		1.6.8	1.6.8.1	1.6.8.1.1	1.6.8.1.2	1.6.8.1.3	1.6.8.1.4	1.6.8.1.5	1.6.8.1.6	1.6.8.1.7	
	1.1.9	1.1.9.1	1.1.9.1.1	1.1.9.1.2	1.1.9.1.3	1.1.9.1.4	1.1.9.1.5	1.1.9.1.6	1.1.9.1.7		1.2.9	1.2.9.1	1.2.9.1.1	1.2.9.1.2	1.2.9.1.3	1.2.9.1.4	1.2.9.1.5	1.2.9.1.6	1.2.9.1.7		1.3.9	1.3.9.1	1.3.9.1.1	1.3.9.1.2	1.3.9.1.3	1.3.9.1.4	1.3.9.1.5	1.3.9.1.6	1.3.9.1.7		1.4.9	1.4.9.1	1.4.9.1.1	1.4.9.1.2	1.4.9.1.3	1.4.9.1.4	1.4.9.1.5	1.4.9.1.6	1.4.9.1.7		1.5.9	1.5.9.1	1.5.9.1.1	1.5.9.1.2	1.5.9.1.3	1.5.9.1.4	1.5.9.1.5	1.5.9.1.6	1.5.9.1.7		1.6.9	1.6.9.1	1.6.9.1.1	1.6.9.1.2	1.6.9.1.3	1.6.9.1.4	1.6.9.1.5	1.6.9.1.6	1.6.9.1.7	
	1.1.10	1.1.10.1	1.1.10.1.1	1.1.10.1.2	1.1.10.1.3	1.1.10.1.4	1.1.10.1.5	1.1.10.1.6	1.1.10.1.7		1.2.10	1.2.10.1	1.2.10.1.1	1.2.10.1.2	1.2.10.1.3	1.2.10.1.4	1.2.10.1.5	1.2.10.1.6	1.2.10.1.7		1.3.10	1.3.10.1	1.3.10.1.1	1.3.10.1.2	1.3.10.1.3	1.3.10.1.4	1.3.10.1.5	1.3.10.1.6	1.3.10.1.7		1.4.10	1.4.10.1	1.4.10.1.1	1.4.10.1.2	1.4.10.1.3	1.4.10.1.4	1.4.10.1.5	1.4.10.1.6	1.4.10.1.7		1.5.10	1.5.10.1	1.5.10.1.1	1.5.10.1.2	1.5.10.1.3	1.5.10.1.4	1.5.10.1.5	1.5.10.1.6	1.5.10.1.7		1.6.10	1.6.10.1	1.6.10.1.1	1.6.10.1.2	1.6.10.1.3	1.6.10.1.4	1.6.10.1.5	1.6.10.1.6	1.6.10.1.7	
	1.1.11	1.1.11.1	1.1.11.1.1	1.1.11.1.2	1.1.11.1.3	1.1.11.1.4	1.1.11.1.5	1.1.11.1.6	1.1.11.1.7		1.2.11	1.2.11.1	1.2.11.1.1	1.2.11.1.2	1.2.11.1.3	1.2.11.1.4	1.2.11.1.5	1.2.11.1.6	1.2.11.1.7		1.3.11	1.3.11.1	1.3.11.1.1	1.3.11.1.2	1.3.11.1.3	1.3.11.1.4	1.3.11.1.5	1.3.11.1.6	1.3.11.1.7		1.4.11	1.4.11.1	1.4.11.1.1	1.4.11.1.2	1.4.11.1.3	1.4.11.1.4	1.4.11.1.5	1.4.11.1.6	1.4.11.1.7		1.5.11	1.5.11.1	1.5.11.1.1	1.5.11.1.2	1.5.11.1.3	1.5.11.1.4	1.5.11.1.5	1.5.11.1.6	1.5.11.1.7		1.6.11	1.6.11.1	1.6.11.1.1	1.6.11.1.2	1.6.11.1.3	1.6.11.1.4	1.6.11.1.5	1.6.11.1.6	1.6.11.1.7	
	1.1.12	1.1.12.1	1.1.12.1.1	1.1.12.1.2	1.1.12.1.3	1.1.12.1.4	1.1.12.1.5	1.1.12.1.6	1.1.12.1.7		1.2.12	1.2.12.1	1.2.12.1.1	1.2.12.1.2	1.2.12.1.3	1.2.12.1.4	1.2.12.1.5	1.2.12.1.6	1.2.12.1.7		1.3.12	1.3.12.1	1.3.12.1.1	1.3.12.1.2	1.3.12.1.3	1.3.12.1.4	1.3.12.1.5	1.3.12.1.6	1.3.12.1.7		1.4.12	1.4.12.1	1.4.12.1.1	1.4.12.1.2	1.4.12.1.3	1.4.12.1.4	1.4.12.1.5	1.4.12.1.6	1.4.12.1.7		1.5.12	1.5.12.1	1.5.12.1.1	1.5.12.1.2	1.5.12.1.3	1.5.12.1.4	1.5.12.1.5	1.5.12.1.6	1.5.12.1.7		1.6.12	1.6.12.1	1.6.12.1.1	1.6.12.1.2	1.6.12.1.3	1.6.12.1.4	1.6.12.1.5	1.6.12.1.6	1.6.12.1.7	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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FDD Band 30							
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)
10	QPSK	1 RB	0	2310	27710	23.12	23.50
			25	2310	27710	23.13	23.50
			49	2310	27710	23.21	23.50
		25 RB	0	2310	27710	22.27	22.50
			12	2310	27710	22.29	22.50
			25	2310	27710	22.34	22.50
		50RB	0	2310	27710	22.31	22.50
			12	2310	27710	22.23	22.50
			25	2310	27710	22.29	22.50
	16-QAM	1 RB	0	2310	27710	22.23	22.50
			25	2310	27710	22.29	22.50
			49	2310	27710	22.38	22.50
		25 RB	0	2310	27710	21.20	21.50
			12	2310	27710	21.20	21.50
			25	2310	27710	21.22	21.50
		50RB	0	2310	27710	21.27	21.50
			12	2310	27710	21.31	21.50
			25	2310	27710	21.28	21.50
	64-QAM	1 RB	0	2310	27710	21.32	21.50
			25	2310	27710	21.32	21.50
			49	2310	27710	21.32	21.50
		25 RB	0	2310	27710	20.35	20.50
			12	2310	27710	20.32	20.50
			25	2310	27710	20.28	20.50
		50RB	0	2310	27710	20.31	20.50
			12	2310	27710	20.32	20.50
			25	2310	27710	20.31	20.50
	256-QAM	1 RB	0	2310	27710	18.32	18.50
			25	2310	27710	18.22	18.50
			49	2310	27710	18.27	18.50
		25 RB	0	2310	27710	18.36	18.50
			12	2310	27710	18.29	18.50
			25	2310	27710	18.23	18.50
		50RB	0	2310	27710	18.36	18.50
			12	2310	27710	18.36	18.50
			25	2310	27710	18.36	18.50
		50RB	0	2310	27710	18.32	18.50
			12	2310	27710	18.27	18.50
			25	2310	27710	18.23	18.50

FDD Band 30							
BW(MHz)	Modulation	RB Size	RB Offset	Frequency (MHz)	Channel	Conducted power (dBm)	Target Power + Max. Tolerance (dBm)
5	QPSK	1 RB	0	2307.5	27685	23.21	23.50
				2310	27710	23.33	23.50
				2312.5	27735	23.36	23.50
			12	2307.5	27685	23.27	23.50
				2310	27710	23.32	23.50
				2312.5	27735	23.22	23.50
			24	2307.5	27685	23.32	23.50
				2310	27710	23.24	23.50
				2312.5	27735	23.22	23.50
		12 RB	0	2307.5	27685	22.27	22.50
				2310	27710	22.37	22.50
				2312.5	27735	22.29	22.50
			6	2307.5	27685	22.38	22.50
				2310	27710	22.39	22.50
				2312.5	27735	22.35	22.50
			13	2307.5	27685	22.29	22.50
				2310	27710	22.37	22.50
				2312.5	27735	22.21	22.50
		25RB	0	2307.5	27685	22.21	22.50
				2310	27710	22.32	22.50
				2312.5	27735	22.35	22.50
	16-QAM	1 RB	0	2307.5	27685	23.32	23.50
				2310	27710	23.38	23.50
				2312.5	27735	23.35	23.50
			12	2307.5	27685	23.30	23.50
				2310	27710	23.26	23.50
				2312.5	27735	23.25	23.50
			24	2307.5	27685	23.23	23.50
				2310	27710	23.33	23.50
				2312.5	27735	23.26	23.50
		12 RB	0	2307.5	27685	21.34	21.50
				2310	27710	21.27	21.50
				2312.5	27735	21.34	21.50
			6	2307.5	27685	21.38	21.50
				2310	27710	21.24	21.50
				2312.5	27735	21.32	21.50
			13	2307.5	27685	21.32	21.50
				2310	27710	21.36	21.50
				2312.5	27735	21.33	21.50
		25RB	0	2307.5	27685	21.33	21.50
				2310	27710	21.38	21.50
				2312.5	27735	21.33	21.50
	64-QAM	1 RB	0	2307.5	27685	21.38	21.50
				2310	27710	21.24	21.50
				2312.5	27735	21.30	21.50
			12	2307.5	27685	21.25	21.50
				2310	27710	21.35	21.50
				2312.5	27735	21.32	21.50
			24	2307.5	27685	21.23	21.50
				2310	27710	21.22	21.50
				2312.5	27735	21.32	21.50
		12 RB	0	2307.5	27685	20.24	20.50
				2310	27710	20.24	20.50
				2312.5	27735	20.21	20.50
			6	2307.5	27685	20.23	20.50
				2310	27710	20.22	20.50
				2312.5	27735	20.23	20.50
			13	2307.5	27685	20.35	20.50
				2310	27710	20.32	20.50
				2312.5	27735	20.31	20.50
		25RB	0	2307.5	27685	20.30	20.50
				2310	27710	20.27	20.50
				2312.5	27735	20.22	20.50
	256-QAM	1 RB	0	2307.5	27685	18.34	18.50
				2310	27710	18.36	18.50
				2312.5	27735	18.33	18.50
			12	2307.5	27685	18.26	18.50
				2310	27710	18.27	18.50
				2312.5	27735	18.33	18.50
			24	2307.5	27685	18.20	18.50
				2310	27710	18.22	18.50
				2312.5	27735	18.26	18.50
		12 RB	0	2307.5	27685	18.25	18.50
				2310	27710	18.23	18.50
				2312.5	27735	18.36	18.50
			6	2307.5	27685	18.23	18.50
				2310	27710	18.28	18.50
				2312.5	27735	18.33	18.50
			13	2307.5	27685	18.39	18.50
				2310	27710	18.22	18.50
				2312.5	27735	18.39	18.50
		25RB	0	2307.5	27685	18.36	18.50
				2310	27710	18.27	18.50
				2312.5	27735	18.39	18.50

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Intra-Band ULCA power table (Default power)

2CA Default Power

CA_5B													
Combination 50RB + 50RB (10MHz + 10MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
10	QPSK	829	20450	1	0	10	QPSK	838.9	20549	1	49	0	22.99
10	QPSK	844	20600	1	49	10	QPSK	834.1	20501	1	0	0	22.89
CA_5B													
Combination 50RB + 25RB (10MHz + 5MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
10	QPSK	829	20450	1	0	5	QPSK	836.2	20522	1	49	0	22.78
CA_7C													
Combination 100RB + 100RB (20MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2560	21350	1	0	20	QPSK	2540.2	21152	1	99	0	22.68
20	QPSK	2510	20850	1	99	20	QPSK	2529.8	21048	1	0	0	22.66
CA_7C													
Combination 75RB + 100RB (15MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2510	20850	1	0	15	QPSK	2527.1	21021	1	74	0	22.63
20	QPSK	2560	21350	1	99	15	QPSK	2542.9	21179	1	0	0	22.61
CA_7C													
Combination 75RB + 75RB (15MHz + 15MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
15	QPSK	2507.5	20825	1	74	15	QPSK	2522.5	20975	1	0	0	22.57
15	QPSK	2562.5	21375	1	0	15	QPSK	2547.5	21225	1	74	0	22.54
CA_7C													
Combination 75RB + 50RB (15MHz + 10MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
15	QPSK	2507.5	20825	1	74	10	QPSK	2519.5	20945	1	49	0	22.51
CA_7C													
Combination 50RB + 100RB (10MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2560	21350	1	99	10	QPSK	2545.6	21206	1	0	0	22.48
20	QPSK	2510	20850	1	0	10	QPSK	2524.4	20994	1	99	49	22.45
CA_38C													
Combination 100RB + 100RB (20MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2580	37850	1	0	20	QPSK	2599.8	38048	1	99	0	23.67
20	QPSK	2610	38150	1	99	20	QPSK	2590.2	37952	1	0	0	23.51
CA_38C													
Combination 75RB + 75RB (15MHz + 15MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
15	QPSK	2612.5	38175	1	0	15	QPSK	2597.5	38025	1	74	0	23.65
15	QPSK	2577.5	37825	1	74	15	QPSK	2592.5	37975	1	0	0	23.56

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CA 41C													
Combination 100RB + 100RB (20MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	20	QPSK	2660.2	41292	1	99	0	23.70
20	QPSK	2506	39750	1	99	20	QPSK	2525.8	39948	1	0	0	23.63
CA 41C													
Combination 75RB + 100RB (15MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	15	QPSK	2662.9	41319	1	74	0	23.66
20	QPSK	2506	39750	1	99	15	QPSK	2662.9	41319	1	0	0	23.58
CA 41C													
Combination 75RB + 75RB (15MHz + 15MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	15	QPSK	2667.5	41365	1	74	0	23.55
15	QPSK	2503.5	39725	1	74	15	QPSK	2518.5	39875	1	0	0	23.29
CA 41C													
Combination 50RB + 100RB (10MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	10	QPSK	2665.6	41346	1	49	0	23.47
20	QPSK	2506	39750	1	99	10	QPSK	2520.4	39894	1	0	0	23.37
CA 41C													
Combination 50RB + 75RB (10MHz + 15MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
15	QPSK	2682.5	41515	1	0	10	QPSK	2670.5	41395	1	49	0	23.44
15	QPSK	2503.5	39725	1	74	10	QPSK	2515.5	39845	1	0	0	23.29
CA 41C													
Combination 25RB + 100RB (5MHz + 20MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
20	QPSK	2680	41490	1	0	5	QPSK	2668.3	41373	1	24	0	23.42
20	QPSK	2506	39750	1	99	5	QPSK	2517.7	39867	1	0	0	23.35

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5G NR n41 power table:

Head and Body-worn UAT & ENDC without WLAN UAT

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n66_15kHz
ENDC without WLAN

50 Band (40)										50 Band (40)										50 Band (40)										50 Band (40)											
50 Band (40)	Modulation	RF Band	RF Offset	Frequency (MHz)	Channel	Channel Width (MHz)	Channel Power (dBm)	Channel Power Spectral Density (dBm/Hz)	Modulation	RF Band	RF Offset	Frequency (MHz)	Channel	Channel Width (MHz)	Channel Power (dBm)	Channel Power Spectral Density (dBm/Hz)	Modulation	RF Band	RF Offset	Frequency (MHz)	Channel	Channel Width (MHz)	Channel Power (dBm)	Channel Power Spectral Density (dBm/Hz)	Modulation	RF Band	RF Offset	Frequency (MHz)	Channel	Channel Width (MHz)	Channel Power (dBm)	Channel Power Spectral Density (dBm/Hz)									
50 Band (40)	QPSK	1	100	100	1	100	100	100	100	QPSK	1	100	100	1	100	100	100	100	QPSK	1	100	100	1	100	100	100	100	QPSK	1	100	100	1	100	100	100	100					
					2	100	100	100	100					2	100	100	100	100					2	100	100	100	100					2	100	100	100	100	2	100	100	100	100
					3	100	100	100	100					3	100	100	100	100					3	100	100	100	100					3	100	100	100	100	3	100	100	100	100
					4	100	100	100	100					4	100	100	100	100					4	100	100	100	100					4	100	100	100	100	4	100	100	100	100
					5	100	100	100	100					5	100	100	100	100					5	100	100	100	100					5	100	100	100	100	5	100	100	100	100
					6	100	100	100	100					6	100	100	100	100					6	100	100	100	100					6	100	100	100	100	6	100	100	100	100
					7	100	100	100	100					7	100	100	100	100					7	100	100	100	100					7	100	100	100	100	7	100	100	100	100
					8	100	100	100	100					8	100	100	100	100					8	100	100	100	100					8	100	100	100	100	8	100	100	100	100
					9	100	100	100	100					9	100	100	100	100					9	100	100	100	100					9	100	100	100	100	9	100	100	100	100
					10	100	100	100	100					10	100	100	100	100					10	100	100	100	100					10	100	100	100	100	10	100	100	100	100
50 Band (40)	QPSK	1	100	100	1	100	100	100	100	QPSK	1	100	100	1	100	100	100	100	QPSK	1	100	100	1	100	100	100	100	QPSK	1	100	100	1	100	100	100	100					
					2	100	100	100	100					2	100	100	100	100					2	100	100	100	100					2	100	100	100	100	2	100	100	100	100
					3	100	100	100	100					3	100	100	100	100					3	100	100	100	100					3	100	100	100	100	3	100	100	100	100
					4	100	100	100	100					4	100	100	100	100					4	100	100	100	100					4	100	100	100	100	4	100	100	100	100
					5	100	100	100	100					5	100	100	100	100					5	100	100	100	100					5	100	100	100	100	5	100	100	100	100

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WLAN802.11 a/b/g/n/ac/ax (20M/40M/80M) conducted power table (Default power):

SISO_Calling

Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	20.00	19.75
		6	2437		20.00	19.53
		11	2462		20.00	19.70
	802.11g	1	2412	6Mbps	20.00	19.58
		6	2437		20.00	19.58
		11	2462		20.00	19.52
	802.11n20-HT0	1	2412		20.00	19.64
		6	2437		20.00	19.65
		11	2462		20.00	19.65
	802.11ax20-HE0	1	2412	MCS0	20.00	19.60
		6	2437		20.00	19.59
		11	2462		20.00	19.69
	802.11n40-HT0	3	2422		20.00	19.64
		6	2437		20.00	19.67
		9	2452		20.00	19.60
	802.11ax40-HE0	3	2422	MCS0	20.00	19.51
		6	2437		20.00	19.70
		9	2452		20.00	19.63

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	16.50	15.82
		40	5200		16.50	15.88
		44	5220		16.50	15.89
		48	5240		16.50	15.97
	802.11n20-HT0	36	5180	MCS0	16.50	15.96
		40	5200		16.50	15.94
		44	5220		16.50	15.93
		48	5240		16.50	15.96
	802.11ac20-VHT0	36	5180	MCS0	16.50	16.00
		40	5200		16.50	15.96
		44	5220		16.50	15.98
		48	5240		16.50	15.94
	802.11ax20-HE0	36	5180	MCS0	16.50	15.91
		40	5200		16.50	15.99
		44	5220		16.50	15.93
		48	5240		16.50	16.00
	802.11n40-HT0	38	5190	MCS0	16.50	16.03
		46	5230		16.50	16.48
	802.11ac40-VHT0	38	5190	MCS0	16.50	15.89
		46	5230		16.50	16.46
	802.11ax40-HE0	38	5190	MCS0	16.50	15.82
		46	5230		16.50	16.40
	802.11ac80-VHT0	42	5210	MCS0	16.00	15.32
	802.11ax80-HE0	42	5210	MCS0	16.00	15.39

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	17.00	16.99
		56	5280		17.00	16.59
		60	5300		17.00	16.79
		64	5320		17.00	16.87
	802.11n20-HT0	52	5260	MCS0	17.00	16.56
		56	5280		17.00	16.75
		60	5300		17.00	16.75
		64	5320		17.00	16.77
	802.11ac20-VHT0	52	5260	MCS0	17.00	16.41
		56	5280		17.00	16.31
		60	5300		17.00	16.35
		64	5320		17.00	16.43
	802.11ax20-HE0	52	5260	MCS0	17.00	16.31
		56	5280		17.00	16.45
		60	5300		17.00	16.42
		64	5320		17.00	16.82
	802.11n40-HT0	54	5270	MCS0	16.50	16.34
		62	5310		16.50	15.39
	802.11ac40-VHT0	54	5270	MCS0	16.50	16.45
		62	5310		16.50	15.27
	802.11ax40-HE0	54	5270	MCS0	16.50	16.44
		62	5310		16.50	15.23
	802.11ac80-VHT0	58	5290	MCS0	16.50	15.17
	802.11ax80-HE0	58	5290	MCS0	16.50	12.89

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	14.00	13.85
		116	5580		14.00	13.82
		120	5600		14.00	13.95
		140	5700		14.00	13.60
		144	5720		14.00	13.93
	802.11n20-HT0	100	5500	MCS0	14.00	13.54
		116	5580		14.00	13.56
		120	5600		14.00	13.84
		140	5700		14.00	13.66
		144	5720		14.00	13.75
	802.11ac20-VHT0	100	5500	MCS0	14.00	13.88
		116	5580		14.00	13.75
		120	5600		14.00	13.88
		140	5700		14.00	13.63
		144	5720		14.00	13.49
	802.11ax20-HE0	100	5500	MCS0	14.00	13.72
		116	5580		14.00	13.68
		120	5600		14.00	13.79
		140	5700		14.00	13.98
		144	5720		14.00	13.79
	802.11n40-HT0	102	5510	MCS0	14.00	13.98
		110	5550		14.00	13.51
		118	5590		14.00	13.94
		134	5670		14.00	13.93
		142	5710		14.00	13.73
	802.11ac40-VHT0	102	5510	MCS0	14.00	13.98
		110	5550		14.00	13.74
		134	5670		14.00	13.91
		142	5710		14.00	13.70
	802.11ax40-HE0	102	5510	MCS0	14.00	13.87
		110	5550		14.00	13.58
		134	5670		14.00	13.78
		142	5710		14.00	13.64
	802.11ac80-VHT0	106	5530	MCS0	14.00	13.78
		122	5610		14.00	13.88
		138	5690		14.00	13.99
	802.11ax80-HE0	106	5530	MCS0	14.00	13.56
		122	5610		14.00	13.68
		138	5690		14.00	13.74

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Chain 0						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	15.50	15.10
		157	5785		15.50	15.32
		165	5825		15.50	15.23
	802.11n20-HT0	149	5745	MCS0	15.50	15.31
		157	5785		15.50	15.21
		165	5825		15.50	15.16
	802.11ac20-VHT0	149	5745	MCS0	15.50	15.05
		157	5785		15.50	15.30
		165	5825		15.50	15.00
	802.11ax20-HE0	149	5745	MCS0	15.50	15.09
		157	5785		15.50	15.11
		165	5825		15.50	15.06
	802.11n40-HT0	151	5755	MCS0	15.50	15.13
		159	5795		15.50	15.35
	802.11ac40-VHT0	151	5755	MCS0	15.50	15.09
		159	5795		15.50	15.31
	802.11ax40-HE0	151	5755	MCS0	15.50	15.36
		159	5795		15.50	15.48
	802.11ac80-VHT0	155	5775	MCS0	15.50	15.48
	802.11ax80-HE0	155	5775	MCS0	15.50	15.34

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2450 MHz	802.11b	1	2412	1Mbps	20.00	19.49
		6	2437		20.00	19.61
		11	2462		20.00	19.55
	802.11g	1	2412	6Mbps	20.00	18.99
		6	2437		20.00	19.31
		11	2462		20.00	19.17
	802.11n20-HT0	1	2412		20.00	18.97
		6	2437		20.00	19.29
		11	2462		20.00	19.32
	802.11ax20-HE0	1	2412	MCS0	20.00	19.18
		6	2437		20.00	19.27
		11	2462		20.00	18.93
	802.11n40-HT0	3	2422		20.00	19.07
		6	2437		20.00	18.96
		9	2452		20.00	19.33
	802.11ax40-HE0	3	2422	MCS0	20.00	18.94
		6	2437		20.00	19.05
		9	2452		20.00	19.10

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	18.00	16.51
		40	5200		18.00	16.42
		44	5220		18.00	16.41
		48	5240		18.00	16.56
	802.11n20-HT0	36	5180	MCS0	18.00	16.52
		40	5200		18.00	16.54
		44	5220		18.00	16.55
		48	5240		18.00	16.32
	802.11ac20-VHT0	36	5180	MCS0	18.00	16.55
		40	5200		18.00	16.38
		44	5220		18.00	16.51
		48	5240		18.00	16.37
	802.11ax20-HE0	36	5180	MCS0	18.00	16.48
		40	5200		18.00	16.45
		44	5220		18.00	16.41
		48	5240		18.00	16.40
	802.11n40-HT0	38	5190	MCS0	18.00	16.25
		46	5230		18.00	16.76
	802.11ac40-VHT0	38	5190	MCS0	18.00	16.44
		46	5230		18.00	16.51
	802.11ax40-HE0	38	5190	MCS0	18.00	16.21
		46	5230		18.00	16.55
	802.11ac80-VHT0	42	5210	MCS0	17.50	16.45
	802.11ax80-HE0	42	5210	MCS0	17.50	16.38

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	19.00	18.66
		56	5280		19.00	18.39
		60	5300		19.00	18.71
		64	5320		19.00	18.35
	802.11n20-HT0	52	5260	MCS0	19.50	19.42
		56	5280		19.50	19.30
		60	5300		19.50	19.49
		64	5320		19.50	18.35
	802.11ac20-VHT0	52	5260	MCS0	19.50	19.49
		56	5280		19.50	18.20
		60	5300		19.50	19.37
		64	5320		19.50	18.27
	802.11ax20-HE0	52	5260	MCS0	19.50	19.34
		56	5280		19.50	19.15
		60	5300		19.50	19.34
		64	5320		19.50	17.27
	802.11n40-HT0	54	5270	MCS0	19.00	18.75
		62	5310		19.00	15.59
	802.11ac40-VHT0	54	5270	MCS0	19.00	18.61
		62	5310		19.00	15.38
	802.11ax40-HE0	54	5270	MCS0	19.00	18.61
		62	5310		19.00	15.28
	802.11ac80-VHT0	58	5290	MCS0	19.00	15.31
	802.11ax80-HE0	58	5290	MCS0	19.00	12.63

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5600 MHz	802.11a	100	5500	6Mbps	20.00	19.76
		116	5580		20.00	19.45
		120	5600		20.00	19.57
		140	5700		20.00	19.58
		144	5720		20.00	19.40
	802.11n20-HTO	100	5500	MCS0	20.00	19.74
		116	5580		20.00	19.50
		120	5600		20.00	19.20
		140	5700		20.00	19.23
		144	5720		20.00	19.43
	802.11ac20-VHTO	100	5500	MCS0	20.00	19.67
		116	5580		20.00	19.49
		120	5600		20.00	19.15
		140	5700		20.00	19.17
		144	5720		20.00	19.31
	802.11ax20-HE0	100	5500	MCS0	20.00	18.31
		116	5580		20.00	19.54
		120	5600		20.00	18.00
		140	5700		20.00	18.09
		144	5720		20.00	19.63
	802.11n40-HTO	102	5510	MCS0	19.50	17.32
		110	5550		19.50	19.18
		118	5590		19.50	19.15
		134	5670		19.50	19.34
		142	5710		19.50	19.27
	802.11ac40-VHTO	102	5510	MCS0	19.50	17.15
		110	5550		19.50	19.43
		134	5670		19.50	19.26
		142	5710		19.50	19.43
	802.11ax40-HE0	102	5510	MCS0	19.50	16.64
		110	5550		19.50	19.16
		134	5670		19.50	19.49
		142	5710		19.50	19.43
	802.11ac80-VHTO	106	5530	MCS0	19.50	15.69
		122	5610		19.50	19.18
		138	5690		19.50	19.37
	802.11ax80-HE0	106	5530	MCS0	19.50	16.33
		122	5610		19.50	19.17
		138	5690		19.50	19.38

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Chain 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5800 MHz	802.11a	149	5745	6Mbps	20.00	19.17
		157	5785		20.00	18.95
		165	5825		20.00	18.16
	802.11n20-HT0	149	5745	MCS0	20.00	19.12
		157	5785		20.00	18.89
		165	5825		20.00	18.08
	802.11ac20-VHT0	149	5745	MCS0	20.00	19.04
		157	5785		20.00	18.83
		165	5825		20.00	18.02
	802.11ax20-HE0	149	5745	MCS0	20.00	19.22
		157	5785		20.00	18.96
		165	5825		20.00	18.17
	802.11n40-HT0	151	5755	MCS0	20.00	19.53
		159	5795		20.00	19.16
	802.11ac40-VHT0	151	5755	MCS0	20.00	19.49
		159	5795		20.00	19.04
	802.11ax40-HE0	151	5755	MCS0	20.00	19.77
		159	5795		20.00	19.12
	802.11ac80-VHT0	155	5775	MCS0	20.00	19.63
	802.11ax80-HE0	155	5775	MCS0	20.00	19.71

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Bluetooth maximum power table:

Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
		Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
CH 00	2402	13.50	12.13	13.50	8.40	13.50	8.48
CH 39	2441	13.50	12.55	13.50	9.05	13.50	9.03
CH 78	2480	12.00	10.64	12.00	7.03	12.00	7.02

Channel	Frequency (MHz)	GFSK	
		Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
CH 37	2402	14.00	12.82
CH 18	2442	14.00	13.54
CH 39	2480	13.00	11.42

Channel	Frequency (MHz)	GFSK	
		Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
CH 37	2402	11.50	10.26
CH 18	2442	11.50	11.15
CH 39	2480	11.00	9.07

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Reduced power

2G

WWAN UAT hotspot calling mode reduced power GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	30.5	30.14	21.11
	836.6	190	30.5	30.46	21.43
	848.8	251	30.5	30.31	21.28
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

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WWAN LAT hotspot Reduced power GSM 1900 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	31	30.13	21.10
	1800	661	31	30.50	21.47
	1909.8	810	31	30.22	21.19
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

GPRS 1900 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			30.5	27.5
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 1900 (GMSK)	1850.2	512	30.21	27.38
	1880	661	30.42	27.45
	1909.8	810	30.20	27.40
Source-based time average power				
GPRS 1900 (GMSK)	1850.2	512	21.18	21.36
	1880	661	21.39	21.43
	1909.8	810	21.17	21.38
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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EDGE 1900 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			28	28
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
EDGE 1900 (8PSK)	1850.2	512	25.80	22.58
	1880	661	25.84	22.73
	1909.8	810	25.71	22.70
Source-based time average power				
EDGE 1900 (8PSK)	1850.2	512	16.77	16.56
	1880	661	16.81	16.71
	1909.8	810	16.68	16.68
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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WWAN LAT hotspot calling mode reduced power GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
					-9.03

GPRS 850 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	33
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	32.13
	836.6	190	32.48	32.20
	848.8	251	32.27	32.19
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	26.11
	836.6	190	23.45	26.18
	848.8	251	23.24	26.17
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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WWAN LAT hotspot camera mode reduced power GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
					-9.03

GPRS 850 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	31
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	30.83
	836.6	190	32.48	30.95
	848.8	251	32.27	30.91
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	24.81
	836.6	190	23.45	24.93
	848.8	251	23.24	24.89
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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WWAN LAT hotspot normal landscape mode reduced power GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

GPRS 850 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	32.5
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	30.83
	836.6	190	32.48	30.95
	848.8	251	32.27	30.91
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	24.81
	836.6	190	23.45	24.93
	848.8	251	23.24	24.89
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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WWAN LAT hotspot gaming mode reduced power GSM 850 - conducted power table:

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max.Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	34	32.04	23.01
	836.6	190	34	32.42	23.39
	848.8	251	34	32.21	23.18
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
				-9.03	

GPRS 850 - conducted power table:

Burst average power				
Max. Rated Avg. Power + Max. Tolerance (dBm)			34	32
			1Dn1UP	1Dn2UP
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.18	30.83
	836.6	190	32.48	30.95
	848.8	251	32.27	30.91
Source-based time average power				
GPRS 850 (GMSK)	824.2	128	23.15	24.81
	836.6	190	23.45	24.93
	848.8	251	23.24	24.89
The division factor compared to the number of TX time slot				
Division factor			1 TX time slot	2 TX time slot
			-9.03	-6.02

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Reduced power

3G

WWAN_LAT hotspot reduced power WCDMA Band II - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table (Unit: dBm):

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		21.50		
3GPP Rel 99	RMC 12.2Kbps	21.39	21.41	21.34
3GPP Rel 5	HSDPA Subtest-1	20.31	20.37	20.32
	HSDPA Subtest-2	20.35	20.35	20.26
	HSDPA Subtest-3	19.90	19.78	19.78
	HSDPA Subtest-4	19.99	19.80	19.72
3GPP Rel 6	HSUPA Subtest-1	20.36	20.28	20.22
	HSUPA Subtest-2	19.85	19.83	19.83
	HSUPA Subtest-3	20.33	20.38	20.14
	HSUPA Subtest-4	20.43	20.36	20.33
	HSUPA Subtest-5	20.33	20.22	20.21
3GPP Rel 7	HSUPA Subtest-1	20.35	20.25	20.18
3GPP Rel 8	HSUPA Subtest-2	20.18	20.12	20.17
	HSUPA Subtest-3	20.24	20.34	20.29
	HSUPA Subtest-4	19.65	19.69	19.69
	HSUPA Subtest-5	19.97	19.94	19.71

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WWAN_LAT hotspot reduced power
WCDMA Band IV - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table
(Unit: dBm):

Band		WCDMA IV		
TX Channel		1312	1412	1513
Frequency (MHz)		1712.4	1732.4	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		22.50		
3GPP Rel 99	RMC 12.2Kbps	22.46	22.43	22.48
3GPP Rel 5	HSDPA Subtest-1	21.31	21.37	21.42
	HSDPA Subtest-2	21.35	21.31	21.36
	HSDPA Subtest-3	20.94	20.83	20.83
	HSDPA Subtest-4	20.83	20.96	20.92
3GPP Rel 6	HSUPA Subtest-1	21.51	21.27	21.31
	HSUPA Subtest-2	20.86	20.84	20.79
	HSUPA Subtest-3	21.44	21.47	21.33
	HSUPA Subtest-4	21.35	21.26	21.40
	HSUPA Subtest-5	21.25	21.39	21.32
3GPP Rel 7	HSUPA Subtest-1	21.33	21.37	21.35
3GPP Rel 8	HSUPA Subtest-2	21.24	21.28	21.15
	HSUPA Subtest-3	20.89	20.82	20.87
	HSUPA Subtest-4	20.76	20.92	20.92
	HSUPA Subtest-5	21.31	21.13	21.28

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**WWAN_UAT hotspot calling mode reduced power
WCDMA Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table
(Unit: dBm):**

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		21.00		
3GPP Rel 99	RMC 12.2Kbps	20.98	20.83	20.79
3GPP Rel 5	HSDPA Subtest-1	19.95	19.85	19.75
	HSDPA Subtest-2	19.94	19.83	19.72
	HSDPA Subtest-3	19.43	19.34	19.25
	HSDPA Subtest-4	19.44	19.32	19.21
3GPP Rel 6	HSUPA Subtest-1	19.99	19.87	19.77
	HSUPA Subtest-2	19.45	19.34	19.24
	HSUPA Subtest-3	19.89	19.87	19.75
	HSUPA Subtest-4	19.93	19.83	19.77
	HSUPA Subtest-5	19.95	19.79	19.76
3GPP Rel 7	HSUPA Subtest-1	19.90	19.84	19.91
3GPP Rel 8	HSUPA Subtest-2	19.91	19.82	19.73
	HSUPA Subtest-3	19.43	19.33	19.25
	HSUPA Subtest-4	19.51	19.41	19.34
	HSUPA Subtest-5	19.84	19.81	19.72

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**WWAN LAT hotspot camera mode reduced power
WCDMA Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table
(Unit: dBm):**

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		23.50		
3GPP Rel 99	RMC 12.2Kbps	23.18	23.13	23.09
3GPP Rel 5	HSDPA Subtest-1	22.15	22.07	23.11
	HSDPA Subtest-2	22.21	22.36	23.10
	HSDPA Subtest-3	21.64	21.86	23.13
	HSDPA Subtest-4	21.67	21.77	23.12
3GPP Rel 6	HSUPA Subtest-1	22.15	22.10	22.03
	HSUPA Subtest-2	21.66	21.59	21.61
	HSUPA Subtest-3	22.14	22.05	22.12
	HSUPA Subtest-4	22.15	22.09	22.08
	HSUPA Subtest-5	22.18	22.05	22.06
3GPP Rel 7	HSUPA Subtest-1	22.10	22.05	21.98
3GPP Rel 8	HSUPA Subtest-2	21.63	21.56	21.58
	HSUPA Subtest-3	21.98	21.89	21.96
	HSUPA Subtest-4	22.01	21.95	21.94
	HSUPA Subtest-5	22.05	21.92	21.93

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WWAN LAT hotspot gaming mode reduced power
WCDMA Band V - HSDPA / HSUPA / HSPA+ / DC-HSDPA Conducted power table
(Unit: dBm):

Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.00		
3GPP Rel 99	RMC 12.2Kbps	23.18	23.13	23.09
3GPP Rel 5	HSDPA Subtest-1	22.15	22.07	23.11
	HSDPA Subtest-2	22.21	22.36	23.10
	HSDPA Subtest-3	21.64	21.86	23.13
	HSDPA Subtest-4	21.67	21.77	23.12
3GPP Rel 6	HSUPA Subtest-1	22.15	22.10	22.03
	HSUPA Subtest-2	21.66	21.59	21.61
	HSUPA Subtest-3	22.14	22.05	22.12
	HSUPA Subtest-4	22.15	22.09	22.08
	HSUPA Subtest-5	22.18	22.05	22.06
3GPP Rel 7	HSUPA Subtest-1	22.10	22.05	21.98
3GPP Rel 8	HSUPA Subtest-2	21.63	21.56	21.58
	HSUPA Subtest-3	21.98	21.89	21.96
	HSUPA Subtest-4	22.01	21.95	21.94
	HSUPA Subtest-5	22.05	21.92	21.93

Subtests for WCDMA Release 5 HSDPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1, Note 2)	CM (dB) (Note 3)	MPR (dB) (Note 3)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15	15/15	64	12/15	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Subtests for WCDMA Release 6 HSUPA

SUB-TEST	β_c	β_d	β_d (SF)	β_c/β_d	β_{HS} (Note 1)	β_{ec}	β_{ed} (Note 5) (Note 6)	β_{ed} (SF)	β_{ed} (Codes)	CM (dB) (Note 2)	MPR (dB) (Note 2)	AG Index (Note 6)	E-TFCI
1	11/15	15/15	64	11/15	22/15	209/225	1309/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1} : 47/15 β_{ed2} : 47/15	4 4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15	15/15	64	15/15	30/15	24/15	134/15	4	1	1.0	0.0	21	81

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4G

**LTE FDD Band 2 - conducted power table:
Uplink CA Inter-band power**

[illegible]

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[illegible]

GSD Series												
Category	Sub-Category	Item	Value	Unit	Color	Material	Weight	Length	Width	Height	Volume	Area
A	A1	A1.1	1.00	m	Red	Steel	1.00	1.00	1.00	1.00	1.00	1.00
		A1.2	2.00	m	Blue	Aluminum	2.00	2.00	2.00	2.00	2.00	2.00
		A1.3	3.00	m	Green	Copper	3.00	3.00	3.00	3.00	3.00	3.00
		A1.4	4.00	m	Yellow	Iron	4.00	4.00	4.00	4.00	4.00	4.00
		A1.5	5.00	m	Purple	Brass	5.00	5.00	5.00	5.00	5.00	5.00
		A1.6	6.00	m	Orange	Gold	6.00	6.00	6.00	6.00	6.00	6.00
	A2	A2.1	7.00	m	Grey	Silver	7.00	7.00	7.00	7.00	7.00	7.00
		A2.2	8.00	m	Black	Platinum	8.00	8.00	8.00	8.00	8.00	8.00
		A2.3	9.00	m	White	Palladium	9.00	9.00	9.00	9.00	9.00	9.00
		A2.4	10.00	m	Brown	Rhodium	10.00	10.00	10.00	10.00	10.00	10.00
		A2.5	11.00	m	Pink	Iridium	11.00	11.00	11.00	11.00	11.00	11.00
		A2.6	12.00	m	Light Blue	Osmium	12.00	12.00	12.00	12.00	12.00	12.00
B	B1	B1.1	13.00	m	Dark Blue	Carbon	13.00	13.00	13.00	13.00	13.00	13.00
		B1.2	14.00	m	Light Green	Carbon Fiber	14.00	14.00	14.00	14.00	14.00	14.00
		B1.3	15.00	m	Dark Green	Kevlar	15.00	15.00	15.00	15.00	15.00	15.00
		B1.4	16.00	m	Light Blue	Fiberglass	16.00	16.00	16.00	16.00	16.00	16.00
		B1.5	17.00	m	Dark Blue	Carbon	17.00	17.00	17.00	17.00	17.00	17.00
		B1.6	18.00	m	Light Green	Carbon Fiber	18.00	18.00	18.00	18.00	18.00	18.00
	B2	B2.1	19.00	m	Dark Green	Kevlar	19.00	19.00	19.00	19.00	19.00	19.00
		B2.2	20.00	m	Light Blue	Fiberglass	20.00	20.00	20.00	20.00	20.00	20.00
		B2.3	21.00	m	Dark Blue	Carbon	21.00	21.00	21.00	21.00	21.00	21.00
		B2.4	22.00	m	Light Green	Carbon Fiber	22.00	22.00	22.00	22.00	22.00	22.00
		B2.5	23.00	m	Dark Green	Kevlar	23.00	23.00	23.00	23.00	23.00	23.00
		B2.6	24.00	m	Light Blue	Fiberglass	24.00	24.00	24.00	24.00	24.00	24.00
C	C1	C1.1	25.00	m	Dark Blue	Carbon	25.00	25.00	25.00	25.00	25.00	25.00
		C1.2	26.00	m	Light Green	Carbon Fiber	26.00	26.00	26.00	26.00	26.00	26.00
		C1.3	27.00	m	Dark Green	Kevlar	27.00	27.00	27.00	27.00	27.00	27.00
		C1.4	28.00	m	Light Blue	Fiberglass	28.00	28.00	28.00	28.00	28.00	28.00
		C1.5	29.00	m	Dark Blue	Carbon	29.00	29.00	29.00	29.00	29.00	29.00
		C1.6	30.00	m	Light Green	Carbon Fiber	30.00	30.00	30.00	30.00	30.00	30.00
	C2	C2.1	31.00	m	Dark Green	Kevlar	31.00	31.00	31.00	31.00	31.00	31.00
		C2.2	32.00	m	Light Blue	Fiberglass	32.00	32.00	32.00	32.00	32.00	32.00
		C2.3	33.00	m	Dark Blue	Carbon	33.00	33.00	33.00	33.00	33.00	33.00
		C2.4	34.00	m	Light Green	Carbon Fiber	34.00	34.00	34.00	34.00	34.00	34.00
		C2.5	35.00	m	Dark Green	Kevlar	35.00	35.00	35.00	35.00	35.00	35.00
		C2.6	36.00	m	Light Blue	Fiberglass	36.00	36.00	36.00	36.00	36.00	36.00
D	D1	D1.1	37.00	m	Dark Blue	Carbon	37.00	37.00	37.00	37.00	37.00	37.00
		D1.2	38.00	m	Light Green	Carbon Fiber	38.00	38.00	38.00	38.00	38.00	38.00
		D1.3	39.00	m	Dark Green	Kevlar	39.00	39.00	39.00	39.00	39.00	39.00
		D1.4	40.00	m	Light Blue							

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Hotspot_LAT_ENDC with WLAN Calling & Gaming

[illegible]

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LTE FDD Band 25 - conducted power table:
WWAN_LAT hotspot Reduced power

[illegible]

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GSD Series G												
Category	Subcategory	Item No.	Item Name	Material	Quantity	Unit	Price	Cost	Revenue	Profit	Loss	Margin
GSD-001	GSD-001-01	1	Item 1.1	Material 1.1	100	kg	1000	500	10000	5000	5000	50%
		2	Item 1.2	Material 1.2	200	kg	2000	1000	20000	10000	10000	50%
		3	Item 1.3	Material 1.3	300	kg	3000	1500	30000	15000	15000	50%
		4	Item 1.4	Material 1.4	400	kg	4000	2000	40000	20000	20000	50%
		5	Item 1.5	Material 1.5	500	kg	5000	2500	50000	25000	25000	50%
		6	Item 1.6	Material 1.6	600	kg	6000	3000	60000	30000	30000	50%
	GSD-001-02	7	Item 1.7	Material 1.7	700	kg	7000	3500	70000	35000	35000	50%
		8	Item 1.8	Material 1.8	800	kg	8000	4000	80000	40000	40000	50%
		9	Item 1.9	Material 1.9	900	kg	9000	4500	90000	45000	45000	50%
		10	Item 1.10	Material 1.10	1000	kg	10000	5000	100000	50000	50000	50%
		11	Item 1.11	Material 1.11	1100	kg	11000	5500	110000	55000	55000	50%
		12	Item 1.12	Material 1.12	1200	kg	12000	6000	120000	60000	60000	50%
GSD-002	GSD-002-01	13	Item 2.1	Material 2.1	1300	kg	13000	6500	130000	65000	65000	50%
		14	Item 2.2	Material 2.2	1400	kg	14000	7000	140000	70000	70000	50%
		15	Item 2.3	Material 2.3	1500	kg	15000	7500	150000	75000	75000	50%
		16	Item 2.4	Material 2.4	1600	kg	16000	8000	160000	80000	80000	50%
		17	Item 2.5	Material 2.5	1700	kg	17000	8500	170000	85000	85000	50%
		18	Item 2.6	Material 2.6	1800	kg	18000	9000	180000	90000	90000	50%
	GSD-002-02	19	Item 2.7	Material 2.7	1900	kg	19000	9500	190000	95000	95000	50%
		20	Item 2.8	Material 2.8	2000	kg	20000	10000	200000	100000	100000	50%
		21	Item 2.9	Material 2.9	2100	kg	21000	10500	210000	105000	105000	50%
		22	Item 2.10	Material 2.10	2200	kg	22000	11000	220000	110000	110000	50%
		23	Item 2.11	Material 2.11	2300	kg	23000	11500	230000	115000	115000	50%
		24	Item 2.12	Material 2.12	2400	kg	24000	12000	240000	120000	120000	50%
GSD-003	GSD-003-01	25	Item 3.1	Material 3.1	2500	kg	25000	12500	250000	125000	125000	50%
		26	Item 3.2	Material 3.2	2600	kg	26000	13000	260000	130000	130000	50%
		27	Item 3.3	Material 3.3	2700	kg	27000	13500	270000	135000	135000	50%
		28	Item 3.4	Material 3.4	2800	kg	28000	14000	280000	140000	140000	50%
		29	Item 3.5	Material 3.5	2900	kg	29000	14500	290000	145000	145000	50%
		30	Item 3.6	Material 3.6	3000	kg	30000	15000	300000	150000	150000	50%
	GSD-003-02	31	Item 3.7	Material 3.7	3100	kg	31000	15500	310000	155000	155000	50%
		32	Item 3.8	Material 3.8	3200	kg	32000	16000	320000	160000	160000	50%
		33	Item 3.9	Material 3.9	3300	kg	33000	16500	330000	165000	165000	50%
		34	Item 3.10	Material 3.10	3400	kg	34000	17000	340000	170000	170000	50%
		35	Item 3.11	Material 3.11	3500	kg	35000	17500	350000	175000	175000	50%
		36	Item 3.12	Material 3.12	3600	kg	36000	18000	360000	180000	180000	50%
GSD-004	GSD-004-01	37	Item 4.1	Material 4.1	3700	kg	37000	18500	370000			

*Band 2 is covered by Band 25

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LTE FDD Band 26 - conducted power table:
WWAN UAT hotspot/Head calling mode reduced power

[illegible]

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Inter without WLAN UAT/LAT & Inter with WLAN LAT

[illegible]

*Band 5 is covered by Band 26.

Inter with WLAN reduced power UAT

[illegible]

*Band 5 is covered by Band 26.

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**LTE FDD Band 66 - conducted power table:
WWAN Hotspot reduced power**

[illegible]

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Uplink CA Inter-band power

GSI Summary												
Category	Subcategory	Item Name	Quantity	Unit Price	Material Cost	Labour Cost	Overhead Cost	Profit	Total Cost	Net Profit	Margin %	Remarks
Category A	Subcategory A1	Item A1.1	100	1.50	150.00	200.00	50.00	100.00	400.00	100.00	25.00%	
		Item A1.2	200	2.00	400.00	300.00	75.00	150.00	825.00	206.25	25.00%	
		Item A1.3	300	2.50	750.00	400.00	100.00	200.00	1450.00	362.50	25.00%	
		Item A1.4	400	3.00	1200.00	500.00	125.00	250.00	2175.00	543.75	25.00%	
	Subcategory A2	Item A2.1	150	1.80	270.00	225.00	56.25	112.50	663.75	165.94	25.00%	
		Item A2.2	250	2.20	550.00	375.00	93.75	187.50	1126.25	281.56	25.00%	
		Item A2.3	350	2.80	980.00	525.00	131.25	262.50	1898.75	474.69	25.00%	
		Item A2.4	450	3.50	1575.00	675.00	168.75	337.50	2956.25	739.06	25.00%	
	Subcategory A3	Item A3.1	120	1.20	144.00	160.00	40.00	80.00	424.00	106.00	25.00%	
		Item A3.2	220	1.80	396.00	264.00	66.00	132.00	858.00	214.50	25.00%	
		Item A3.3	320	2.40	768.00	384.00	88.00	176.00	1416.00	354.00	25.00%	
		Item A3.4	420	3.00	1260.00	504.00	112.00	224.00	2100.00	525.00	25.00%	
Category B	Subcategory B1	Item B1.1	180	2.00	360.00	270.00	67.50	135.00	832.50	208.13	25.00%	
		Item B1.2	280	2.50	700.00	420.00	105.00	210.00	1435.00	358.75	25.00%	
		Item B1.3	380	3.00	1140.00	510.00	127.50	255.00	2032.50	508.13	25.00%	
		Item B1.4	480	3.50	1680.00	630.00	157.50	315.00	2782.50	695.63	25.00%	
	Subcategory B2	Item B2.1	160	1.60	256.00	192.00	48.00	96.00	592.00	148.00	25.00%	
		Item B2.2	260	2.10	546.00	312.00	78.00	156.00	1092.00	273.00	25.00%	
		Item B2.3	360	2.60	936.00	396.00	99.00	198.00	1639.00	409.75	25.00%	
		Item B2.4	460	3.10	1436.00	492.00	118.50	237.00	2383.50	595.88	25.00%	
	Subcategory B3	Item B3.1	140	1.40	196.00	152.00	38.00	76.00	452.00	113.00	25.00%	
		Item B3.2	240	1.90	456.00	288.00	72.00	144.00	960.00	240.00	25.00%	
		Item B3.3	340	2.40	816.00	360.00	90.00	180.00	1446.00	361.50	25.00%	
		Item B3.4	440	2.90	1276.00	464.00	116.00	232.00	2188.00	547.00	25.00%	
Category C	Subcategory C1	Item C1.1	200	2.20	440.00	330.00	82.50	165.00	1017.50	254.38	25.00%	
		Item C1.2	300	2.80	840.00	450.00	112.50	225.00	1637.50	409.38	25.00%	
		Item C1.3	400	3.40	1360.00	560.00	140.00	280.00	2340.00	585.00	25.00%	
		Item C1.4	500	4.00	2000.00	670.00	167.50	335.00	3172.50	793.13	25.00%	
	Subcategory C2	Item C2.1	170	1.70	289.00	216.00	54.00	108.00	667.00	166.75	25.00%	
		Item C2.2	270	2.30	621.00	324.00	81.00	162.00	1198.00	299.50	25.00%	
		Item C2.3	370	2.90	1073.00	396.00	99.00	198.00	1766.00	441.50	25.00%	
		Item C2.4	470	3.50	1645.00	492.00	123.75	247.50	2508.25	627.06	25.00%	
	Subcategory C3	Item C3.1	150	1.50	225.00	170.00	42.50	85.00	522.50	130.63	25.00%	
		Item C3.2	250	2.00	500.00	270.00	67.50	135.00	972.50	243.13	25.00%	
		Item C3.3	350	2.50	875.00	330.00	82.50	165.00	1452.50	363.13	25.00%	
		Item C3.4	450	3.00	1350.00	400.00	100.00	200.00	2150.00	537.50	25.00%	

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Head/Body_LAT_ENDC without WLAN

TDD Band 41										TDD Band 41										TDD Band 41										TDD Band 41									
Frequency (MHz)	Channel	Component Power (dBm)	Transmit Power (dBm)	MFR Max. (dBm)	MFR Max. (dBm)	Frequency (MHz)	Channel	Component Power (dBm)	Transmit Power (dBm)	MFR Max. (dBm)	MFR Max. (dBm)	Frequency (MHz)	Channel	Component Power (dBm)	Transmit Power (dBm)	MFR Max. (dBm)	MFR Max. (dBm)	Frequency (MHz)	Channel	Component Power (dBm)	Transmit Power (dBm)	MFR Max. (dBm)	MFR Max. (dBm)																
2500	2500	23.85	24.00	0	0	2503	2503	23.85	24.00	0	0	2506	2506	23.85	24.00	0	0	2509	2509	23.85	24.00	0	0																
2501	2501	23.85	24.00	0	0	2504	2504	23.85	24.00	0	0	2507	2507	23.85	24.00	0	0	2510	2510	23.85	24.00	0	0																
2502	2502	23.85	24.00	0	0	2505	2505	23.85	24.00	0	0	2508	2508	23.85	24.00	0	0	2511	2511	23.85	24.00	0	0																
2503	2503	23.85	24.00	0	0	2506	2506	23.85	24.00	0	0	2509	2509	23.85	24.00	0	0	2512	2512	23.85	24.00	0	0																
2504	2504	23.85	24.00	0	0	2507	2507	23.85	24.00	0	0	2510	2510	23.85	24.00	0	0	2513	2513	23.85	24.00	0	0																
2505	2505	23.85	24.00	0	0	2508	2508	23.85	24.00	0	0	2511	2511	23.85	24.00	0	0	2514	2514	23.85	24.00	0	0																
2506	2506	23.85	24.00	0	0	2509	2509	23.85	24.00	0	0	2512	2512	23.85	24.00	0	0	2515	2515	23.85	24.00	0	0																
2507	2507	23.85	24.00	0	0	2510	2510	23.85	24.00	0	0	2513	2513	23.85	24.00	0	0	2516	2516	23.85	24.00	0	0																
2508	2508	23.85	24.00	0	0	2511	2511	23.85	24.00	0	0	2514	2514	23.85	24.00	0	0	2517	2517	23.85	24.00	0	0																
2509	2509	23.85	24.00	0	0	2512	2512	23.85	24.00	0	0	2515	2515	23.85	24.00	0	0	2518	2518	23.85	24.00	0	0																
2510	2510	23.85	24.00	0	0	2513	2513	23.85	24.00	0	0	2516	2516	23.85	24.00	0	0	2519	2519	23.85	24.00	0	0																
2511	2511	23.85	24.00	0	0	2514	2514	23.85	24.00	0	0	2517	2517	23.85	24.00	0	0	2520	2520	23.85	24.00	0	0																
2512	2512	23.85	24.00	0	0	2515	2515	23.85	24.00	0	0	2518	2518	23.85	24.00	0	0	2521	2521	23.85	24.00	0	0																
2513	2513	23.85	24.00	0	0	2516	2516	23.85	24.00	0	0	2519	2519	23.85	24.00	0	0	2522	2522	23.85	24.00	0	0																
2514	2514	23.85	24.00	0	0	2517	2517	23.85	24.00	0	0	2520	2520	23.85	24.00	0	0	2523	2523	23.85	24.00	0	0																
2515	2515	23.85	24.00	0	0	2518	2518	23.85	24.00	0	0	2521	2521	23.85	24.00	0	0	2524	2524	23.85	24.00	0	0																
2516	2516	23.85	24.00	0	0	2519	2519	23.85	24.00	0	0	2522	2522	23.85	24.00	0	0	2525	2525	23.85	24.00	0	0																
2517	2517	23.85	24.00	0	0	2520	2520	23.85	24.00	0	0	2523	2523	23.85	24.00	0	0	2526	2526	23.85	24.00	0	0																
2518	2518	23.85	24.00	0	0	2521	2521	23.85	24.00	0	0	2524	2524	23.8																									

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Intra-Band ULCA power table (Reduced power)

UL 2CA_Reducd Power

CA_5B													
Combination 50RB + 50RB (10MHz + 10MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
10	QPSK	829	20450	1	49	10	QPSK	838.9	20549	1	0	0	20.77
10	QPSK	844	20600	1	0	10	QPSK	834.1	20501	1	49	0	20.75
CA_5B													
Combination 50RB + 25RB (10MHz + 5MHz)													
PCC						SCC						UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	MPR (dB)	Tune-up limit (dBm)
10	QPSK	829	20450	1	0	5	QPSK	836.2	20522	1	49	0	20.72

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5G NR n41 power table:

Hotspot LAT calling & normal

[illegible]

Hotspot_LAT_camera & Head_LAT_ENDC with WLAN Calling & Hotspot_LAT_ENDC with Calling&Normal

[illegible]

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n66 15kHz

Head	LAT	ENDC with WLAN Calling & Hotspot	LAT	ENDC+WLAN
1	100	100	100	100
2	100	100	100	100
3	100	100	100	100
4	100	100	100	100
5	100	100	100	100
6	100	100	100	100
7	100	100	100	100
8	100	100	100	100
9	100	100	100	100
10	100	100	100	100
11	100	100	100	100
12	100	100	100	100
13	100	100	100	100
14	100	100	100	100
15	100	100	100	100
16	100	100	100	100
17	100	100	100	100
18	100	100	100	100
19	100	100	100	100
20	100	100	100	100
21	100	100	100	100
22	100	100	100	100
23	100	100	100	100
24	100	100	100	100
25	100	100	100	100
26	100	100	100	100
27	100	100	100	100
28	100	100	100	100
29	100	100	100	100
30	100	100	100	100
31	100	100	100	100
32	100	100	100	100
33	100	100	100	100
34	100	100	100	100
35	100	100	100	100
36	100	100	100	100
37	100	100	100	100
38	100	100	100	100
39	100	100	100	100
40	100	100	100	100
41	100	100	100	100
42	100	100	100	100
43	100	100	100	100
44	100	100	100	100
45	100	100	100	100
46	100	100	100	100
47	100	100	100	100
48	100	100	100	100
49	100	100	100	100
50	100	100	100	100
51	100	100	100	100
52	100	100	100	100
53	100	100	100	100
54	100	100	100	100
55	100	100	100	100
56	100	100	100	100
57	100	100	100	100
58	100	100	100	100
59	100	100	100	100
60	100	100	100	100
61	100	100	100	100
62	100	100	100	100
63	100	100	100	100
64	100	100	100	100
65	100	100	100	100
66	100	100	100	100
67	100	100	100	100
68	100	100	100	100
69	100	100	100	100
70	100	100	100	100
71	100	100	100	100
72	100	100	100	100
73	100	100	100	100
74	100	100	100	100
75	100	100	100	100
76	100	100	100	100
77	100	100	100	100
78	100	100	100	100
79	100	100	100	100
8				

[illegible]

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Bluetooth maximum power table:

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR	CH 00	2402	10.00	9.55	10.00	8.40	10.00	8.48
	CH 39	2441	10.00	9.99	10.00	9.05	10.00	9.03
	CH 78	2480	10.00	8.96	10.00	7.03	10.00	7.02

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
LE_1M	CH 37	2402	10.50	10.12
	CH 18	2442	10.50	10.44
	CH 39	2480	10.50	10.42

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
LE_2M	CH 37	2402	10.50	10.01
	CH 18	2442	10.50	10.15
	CH 39	2480	10.50	9.02

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1.3.1 LTE Downlink CA

LTE Downlink 2CA conducted power table

Full power

Two Component Carrier Maximum Conducted Power															
PCC								SCC				Full power (dBm)		Configuration	
UL						DL		DL				DL CA active	DL CA inactive		
LTE Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Channel	Frequency [MHz]	Channel	Frequency [MHz]	LTE Band	Bandwidth [MHz]	Channel				Frequency [MHz]
4	20	QPSK	1	0	20050	1720	2050	2120	48	20	55900	3625	23.30	23.38	4A-48A
48	20	QPSK	1	0	56640	3690	56640	3690	4	20	2175	2132.5	23.77	23.99	4A-48A
5	10	QPSK	1	0	20525	836.5	2525	881.5	7	20	3100	2655	23.00	23.09	5A-7A
7	20	QPSK	1	99	21350	2560	3350	2680	5	10	2525	881.5	22.65	22.71	5A-7A
5	10	QPSK	1	0	20525	836.5	2525	881.5	25	20	8365	1962.5	23.05	23.09	5A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	5	10	2525	881.5	23.50	23.58	5A-25A
5	10	QPSK	1	0	20525	836.5	2525	881.5	48	20	55900	3625	23.02	23.09	5A-48A
48	20	QPSK	1	0	56640	3690	56640	3690	5	10	2525	881.5	23.78	23.99	5A-48A
7	15	QPSK	1	74	20825	2507.5	2825	2627.5	7	5	2918	2636.8	22.55	22.64	7B
7	20	QPSK	1	99	20850	2510	2850	2630	7	20	3048	2649.8	22.65	22.70	7C
7	20	QPSK	1	99	21350	2560	3350	2680	7	20	3152	2660.2	22.49	22.71	7C
7	20	QPSK	1	99	20850	2510	2850	2630	7	20	3350	2680	22.60	22.70	7A-7A
7	20	QPSK	1	99	21350	2560	3350	2680	7	20	2850	2630	22.69	22.71	7A-7A
12	10	QPSK	1	0	23130	711	5130	741	25	20	8365	1962.5	22.87	22.92	12A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	12	10	5095	737.5	23.55	23.58	12A-25A
38	20	QPSK	1	0	37850	2580	37850	2580	38	20	38048	2599.8	23.62	23.71	38C
38	20	QPSK	1	0	38150	2610	38150	2610	38	20	37952	2590.2	23.60	23.69	38C
41	20	QPSK	1	0	41490	2680	41490	2680	42	20	42590	3500	23.57	23.72	41A-42A
42	20	QPSK	1	99	43490	3590	43490	3590	41	20	40620	2593	23.80	23.84	41A-42A
41	20	QPSK	1	0	41490	2680	41490	2680	48	20	55900	3625	23.59	23.72	41A-48A
48	20	QPSK	1	0	56640	3690	56640	3690	41	20	40620	2593	23.92	23.99	41A-48A
42	20	QPSK	1	99	42590	3500	42590	3500	42	20	43490	3590	23.60	23.63	42A-42A
42	20	QPSK	1	99	43490	3590	43490	3590	42	20	41690	3410	23.78	23.84	42A-42A

Reduced power

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Reduced power (dBm)		Configuration
UL						DL			DL				DL CA active	DL CA inactive	
LTE Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Channel	Frequency [MHz]	Channel	Frequency [MHz]	LTE Band	Bandwidth [MHz]	Channel	Frequency [MHz]			
4	20	QPSK	1	50	20300	1745	2300	2145	48	20	55900	3625	21.78	21.98	4A-48A
5	10	QPSK	1	0	20525	836.5	2525	881.5	7	20	3100	2655	23.01	23.09	5A-7A
5	10	QPSK	1	0	20525	836.5	2525	881.5	25	20	8365	1962.5	23.05	23.09	5A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	5	10	2525	881.5	20.93	20.99	5A-25A
5	10	QPSK	1	0	20525	836.5	2525	881.5	48	20	55900	3625	23.04	23.09	5A-48A
12	10	QPSK	1	0	23130	711	5130	741	25	20	8365	1962.5	20.79	20.98	12A-25A
25	20	QPSK	1	0	26140	1860	8140	1940	12	10	5095	737.5	20.85	20.99	12A-25A

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LTE Downlink 3CA conducted power table

Full power

Three Component Carrier Maximum Conducted Power																			
CC 1										CC 2									
CC 1					CC 2					CC 3					Pilot power (dBm)				
W					W					W					W				
L2/L3 Band	Bandwidth (MHz)	Modulation	SP	DR Offset	Channel	Frequency (MHz)	Channel	Frequency (MHz)	L2/L3 Band	Bandwidth (MHz)	Modulation	SP	DR Offset	Channel	Frequency (MHz)	W, CC active	W, CC inactive	Configuration	
2	20	QPSK	1	0	18350	1860	792	1000	2	20	11250	11600	4	20	11750	12175	21.55	22.40	20-20-40
2	20	QPSK	1	0	18350	1860	792	1000	2	20	11250	11600	4	20	11750	12175	21.55	22.40	20-20-40
2	20	QPSK	1	0	18350	1720	2020	1120	2	20	11250	11600	2	20	11800	12200	21.30	21.50	20-20-40
2	20	QPSK	1	0	18350	1860	792	1000	4	20	11800	11975	5	20	12225	12617.5	21.45	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	12225	12617.5	5	20	12625	13017.5	21.40	21.50	20-50
2	20	QPSK	1	0	18350	1720	2020	1120	4	20	12625	13017.5	5	20	13025	13417.5	21.35	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	13025	13417.5	5	20	13425	13817.5	21.30	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	13425	13817.5	5	20	13825	14217.5	21.25	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	13825	14217.5	5	20	14225	14617.5	21.20	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	14225	14617.5	5	20	14625	15017.5	21.15	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	14625	15017.5	5	20	15025	15417.5	21.10	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	15025	15417.5	5	20	15425	15817.5	21.05	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	15425	15817.5	5	20	15825	16217.5	21.00	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	15825	16217.5	5	20	16225	16617.5	20.95	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	16225	16617.5	5	20	16625	17017.5	20.90	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	16625	17017.5	5	20	17025	17417.5	20.85	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	17025	17417.5	5	20	17425	17817.5	20.80	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	17425	17817.5	5	20	17825	18217.5	20.75	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	17825	18217.5	5	20	18225	18617.5	20.70	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	18225	18617.5	5	20	18625	19017.5	20.65	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	18625	19017.5	5	20	19025	19417.5	20.60	21.50	20-50
2	20	QPSK	1	0	18350	1860	792	1000	4	20	19025	19417.5	5	20	19425	19817.5	20.55	21.50	20-50
2</																			

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Reduced power

Four Component Carrier Maximum Conducted Power																									
L1B Band		Bandwidth (MHz)		Polarization		PC		CC 1				CC 2				CC 3				Reduced power (dB)		Configurations			
						IS	IS	IS		IS		IS		IS		IS, CA active	IS, CA inactive								
IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS	IS					
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	1	0	30000	1300	2100	21.49	21.43	40.400
1	20	UP	1	0	30000																				

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LTE Downlink MIMO conducted power table

Full power

DL MIMO maximum power verification								
PCC							Full power (dBm)	
UL							DL MIMO active	DL MIMO inactive
Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Frequency [MHz]	Channel		
LTE B2	20	QPSK	1	0	1900	19100	23.49	23.56
LTE B7	20	QPSK	1	99	2560	21350	22.56	22.71
LTE B38	20	QPSK	1	0	2580	37850	23.66	23.71
LTE B41	20	QPSK	1	0	2680	41490	23.67	23.72
LTE B66	20	QPSK	1	0	1745	132322	23.49	23.57

Reduced power

DL MIMO maximum power verification								
PCC							Reduced power (dBm)	
UL							DL MIMO active	DL MIMO inactive
Band	Bandwidth [MHz]	Modulation	RB	RB Offset	Frequency [MHz]	Channel		
LTE B66	20	QPSK	1	0	1745	132322	21.82	21.99

LTE SAR for DL 4x4 MIMO is excluded from testing because the highest UL output with DL MIMO is < ¼ dB higher than the highest UL output power configuration without DL MIMO.

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Note:

- 1) For the inter-band CA combinations, all the listed bands above can be used as PCC or SCC.
- 2) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V16.5.0.
- 3) The reference test frequencies for CA refers to 3GPP TS 36.508 V16.5.0
- 4) Testing is not required in bands or modes not intended/allowed for US operation
- 5) Based on TCB workshop April 2018, only indicate "No" in CA combination table need power measurement

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1.4 Test Environment

Ambient Temperature: 22±2° C
Tissue Simulating Liquid: 22±2° C

1.5 Operation Description

- Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s). The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
- During the SAR testing, the DASY 5 system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
- GSM:** SAR test reduction for GPRS/EDGE mode is determined by the source-based time-averaged output power. The data mode with highest specified time-averaged output power should be tested for SAR compliance.
- UMTS:** The 3G SAR test reduction procedure is applied to HSDPA with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSDPA) is $\leq \frac{1}{4}$ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSDPA). The following 4 sub-tests were completed according to Release 5 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	$\beta_{hs}^{(1)}$	CM (dB) ⁽²⁾
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 ⁽³⁾	15/15 ⁽³⁾	64	12/15 ⁽³⁾	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5

Note 1: Δ_{ACK} , Δ_{NACK} and $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$
Note 2: CM = 1 for $\beta_c/\beta_d = 12/15$, $\beta_{hs}/\beta_c = 24/15$.
Note 3: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 11/15$ and $\beta_d = 15/15$.

- UMTS:** The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA) is $\leq \frac{1}{4}$ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA). The following 5 sub-tests were completed according to Release 6 procedures in section 5.2 of 3GPP TS 34.121. A summary of these setting are illustrated below:

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Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	$\beta_{hs}^{(1)}$	β_{ec}	β_{ed}	β_{ed} (SF)	β_{ed} (codes)	CM ⁽²⁾ (dB)	MPR (dB)	AG ⁽⁴⁾ Index	E-TFCI
1	11/15 ⁽³⁾	15/15 ⁽³⁾	64	11/15 ⁽³⁾	22/15	209/225	1039/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	β_{ed1} : 47/15 β_{ed2} : 47/15	4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15 ⁽⁴⁾	15/15 ⁽⁴⁾	64	15/15 ⁽⁴⁾	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Note 1: Δ_{ACK} , Δ_{NACK} and $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$.
 Note 2: CM = 1 for $\beta_c/\beta_d = 12/15$, $\beta_{hs}/\beta_c = 24/15$. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.
 Note 3: For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 10/15$ and $\beta_d = 15/15$.
 Note 4: For subtest 5 the β_c/β_d ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$.
 Note 5: Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.
 Note 6: β_{ed} cannot be set directly; it is set by Absolute Grant Value.

6. **UMTS:** The 3G SAR test reduction procedure is applied to HSPA+ with 12.2 kbps RMC as the primary mode. Since the maximum output power in a secondary mode (HSPA+) is $\leq \frac{1}{4}$ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (HSPA+). The following 1 sub-test was completed according to Release 7 procedures in section 5.2 of 3GPP TS34.121. A summary of these settings are illustrated below:

Table C.11.1.4: β values for transmitter characteristics tests with HS-DPCCH and E-DCH with 16QAM⁽¹⁾

Sub-test ⁽¹⁾	$\beta_c^{(2)}$ (Note 3) ⁽¹⁾	$\beta_d^{(2)}$	$\beta_{hs}^{(2)}$ (Note 1) ⁽¹⁾	$\beta_{ec}^{(2)}$	$\beta_{ed}^{(2)}$ (2xSF2) ⁽¹⁾ (Note 4) ⁽¹⁾	$\beta_{ed}^{(2)}$ (2xSF4) ⁽¹⁾ (Note 4) ⁽¹⁾	CM ⁽²⁾ (dB) ⁽¹⁾ (Note 2) ⁽¹⁾	MPR ⁽²⁾ (dB) ⁽¹⁾ (Note 2) ⁽¹⁾	AG ⁽²⁾ Index ⁽¹⁾ (Note 4) ⁽¹⁾	E-TFCI (Note 5) ⁽¹⁾	E-TFCI (boost) ⁽¹⁾
1 ⁽¹⁾	1 ⁽¹⁾	0 ⁽¹⁾	30/15 ⁽¹⁾	30/15 ⁽¹⁾	β_{ed1} : 30/15 ⁽¹⁾ β_{ed2} : 30/15 ⁽¹⁾	β_{ed3} : 24/15 ⁽¹⁾ β_{ed4} : 24/15 ⁽¹⁾	3.5 ⁽¹⁾	2.5 ⁽¹⁾	14 ⁽¹⁾	105 ⁽¹⁾	105 ⁽¹⁾

Note 1: Δ_{ACK} , Δ_{NACK} and $\Delta_{CQI} = 30/15$ with $\beta_{hs} = 30/15 * \beta_c$.
 Note 2: CM = 3.5 and the MPR is based on the relative CM difference, $MPR = \text{MAX}(CM-1, 0)$.
 Note 3: DPDCH is not configured, therefore the β_c is set to 1 and $\beta_d = 0$ by default.
 Note 4: β_{ed} can not be set directly; it is set by Absolute Grant Value.
 Note 5: All the sub-tests require the UE to transmit 2SF2+2SF4 16QAM EDCH and they apply for UE using E-DPDCH category 7. E-DCH TTI is set to 2ms TTI and E-DCH table index = 2. To support these E-DCH configurations DPDCH is not allocated. The UE is signalled to use the extrapolation algorithm.

7. **UMTS:** The 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable. Since the maximum output power in a secondary mode (DC-HSDPA) is $\leq \frac{1}{4}$ dB higher than the primary mode (WCDMA), SAR measurement is not required for the secondary mode (DC-HSDPA). The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these setting are illustrated below:

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The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122

Table C.8.1.12: Fixed Reference Channel H-Set 12

Parameter	Unit	Value
Nominal Avg. Inf. Bit Rate	kbps	60
Inter-TTI Distance	TTI's	1
Number of HARQ Processes	Processes	6
Information Bit Payload (N_{INF})	Bits	120
Number Code Blocks	Blocks	1
Binary Channel Bits Per TTI	Bits	960
Total Available SML's in UE	SML's	19200
Number of SML's per HARQ Proc.	SML's	3200
Coding Rate		0.15
Number of Physical Channel Codes	Codes	1
Modulation		QPSK
Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table. Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used.		

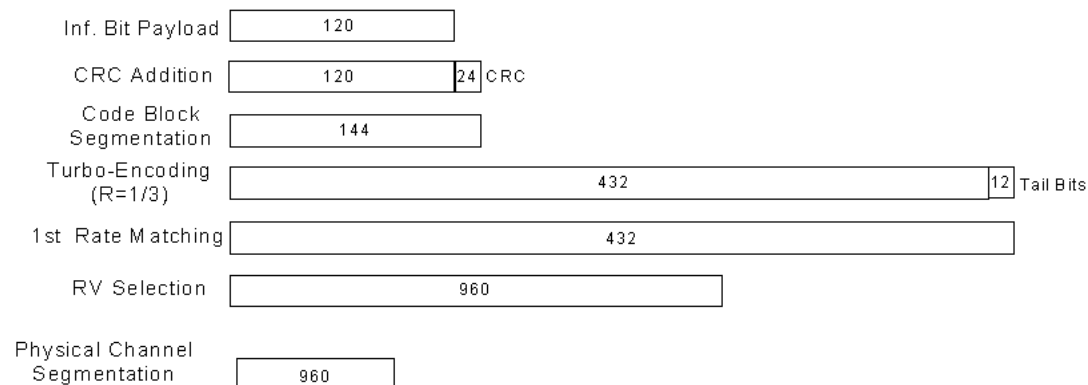


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 sub-tests for HSDPA were completed according to Release 8 procedures in section 5.2 of 3GPP TS34.121. A summary of subtest settings are illustrated below:

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Sub-test	β_c	β_a	β_a (SF)	β_c/β_a	$\beta_{hs}^{(1)}$	CM (dB) ⁽²⁾
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 ⁽³⁾	15/15 ⁽³⁾	64	12/15 ⁽³⁾	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5
Note 1: $\Delta_{ACK}, \Delta_{NACK}$ and $\Delta_{CQI} = 8 \Leftrightarrow A_{hs} = \beta_{hs}/\beta_c = 30/15 \Leftrightarrow \beta_{hs} = 30/15 * \beta_c$ Note 2: CM = 1 for $\beta_c/\beta_a = 12/15$, $\beta_{hs}/\beta_c = 24/15$. Note 3: For subtest 2 the β_c/β_a ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 11/15$ and $\beta_a = 15/15$.						

8. LTE: LTE modes test according to KDB 941225D05v02r05.

a. Per Section 5.2.1, the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation.

- Using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
- When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel.
- When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation

- The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.

c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for QPSK with 100% RB allocation

- 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 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 5.2.1 and 5.2.2 are ≤ 0.8 W/kg.
- Otherwise, SAR is measured for the highest output power channel and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

d. Per Section 5.2.4, Higher order modulations

- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the

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QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

e. Per Section 5.3, other channel bandwidth standalone SAR test requirements

- For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section 5.2 to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is $> \frac{1}{2}$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.

- TDD LTE was tested at highest duty factor using UL-DL configuration 0 with 6 UL subframes and 2 special subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4.2, the duty factor for UL-DL configuration 0/special subframe configuration 6 using extended cyclic prefix is 0.633.

According to KDB 941225 D05, SAR testing for TDD LTE must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP TDD LTE configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be tabulated as below.

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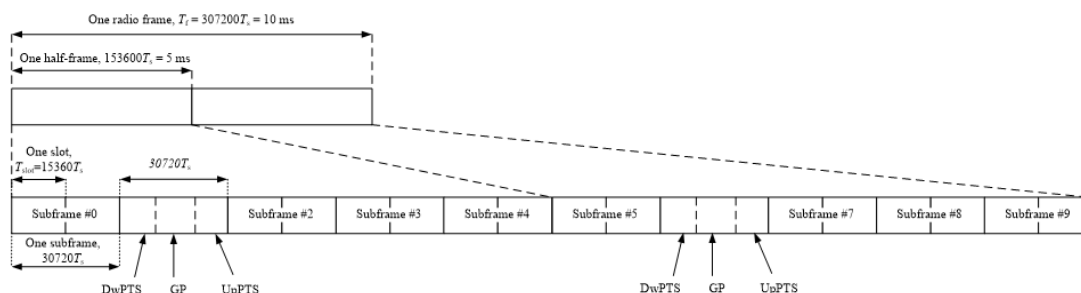


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity)

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS)

Special subframe configuration n	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	GP	UpPTS	DwPTS	GP	UpPTS
0	$6592 \cdot T_s$			$7680 \cdot T_s$		
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$			$20480 \cdot T_s$		
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			—		
9	$13168 \cdot T_s$			—		
		$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$		$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$
		$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$		$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$

Table 4.2-2: Uplink-downlink configurations

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number									
		0	1	2	3	4	5	6	7	8	9
0	5 ms	D	S	U	U	U	D	S	U	U	U
1	5 ms	D	S	U	U	D	D	S	U	U	D
2	5 ms	D	S	U	U	D	D	S	U	D	D
3	10 ms	D	S	U	U	U	D	D	U	D	D
4	10 ms	D	S	U	U	D	D	D	D	D	D
5	10 ms	D	S	U	D	D	D	D	D	D	D
6	5 ms	D	S	U	U	U	D	S	U	U	D

Considering the highest transmission duty cycle, TDD LTE was tested using Uplink-Downlink configuration 0 with 6 uplink subframe and 2 special subframe. The special subframe was set to special subframe configuration 6 using extended cyclic prefix uplink. Therefore, SAR testing for TDD LTE was measured at the maximum output power with highest transmission duty cycle of 63.33%.

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9. **WLAN:** 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, when the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration. When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.
10. **WLAN:** 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since 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.
11. **WLAN:** Initial Test Configuration: An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. When the reported SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is ≤ 1.2 W/kg or all required channels are tested. Since the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for subsequent test configuration.
12. **WLAN:** Based on FCC guidance, general principles of KDB248227D01 can be applied to 802.11ax to determine initial test configuration with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency band.
13. **WLAN:** For WLAN, the device supports Dual Band Simultaneous (DBS) transmission for 2.4GHz and 5GHz 802.11, it means the device supports the same antenna with dual band operation (one antenna transmits in both bands). Besides, the maximum output power is different between DBS inactive and DBS active, and both DBS inactive and DBS active were measured separately to evaluate the simultaneous transmission.
14. **5G NR:** NR implementation of n2, n5, n41, n66, and n71 is limited to EN-DC only, with LTE bands 2/5/41 acting as anchor bands, SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe

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calibration factor. Due to test setup limitation, SAR testing for NR was performed using factory test mode software to establish the connection.

15. 5G NR: 5G NR Power/SAR procedure is similar with KDB 941225 D05. **a.** For power measurement reduction of DFT-s-OFDM and CP-OFDM, CP-OFDM will not higher than DFT-OFDM based on 3GPP MPR table, so CP-OFDM QPSK power measurement is spot check for 1RB allocation/1 RB offset configuration to ensure the output power will not $\frac{1}{2}$ dB higher than Pi/2 BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than Pi/2 BPSK and QPSK based on 3GPP MPR table, so Pi/2 BPSK and QPSK are measured fully, and 16QAM is spot check 1RB allocation/1 RB offset configuration to ensure the output power will not $\frac{1}{2}$ dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to ensure output power will not $\frac{1}{2}$ dB higher than largest supported bandwidth. **c.** SAR testing start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. **d.** 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure. **e.** 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 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested. **f.** 16QAM/64QAM/256QAM output powers according to 3GPP MPR will not $\frac{1}{2}$ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, 16QAM/64QAM/256QAM SAR testing are not required. **g.** Smaller bandwidth output power for each RB allocation configuration for this device will not $\frac{1}{2}$ 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, smaller bandwidth SAR testing is not required for this device.

16. ASDiv for WWAN: In order to get better user experience, the device implements antenna swap feature (named ASDiv, antenna-switching diversity) which means WWAN TX diversity. In the case both WWAN UAT (Upper antenna) and WWAN LAT (lower antenna) were tested separately. For UAT, GSM850/WCDMA B5/LTE B5/12/13/17/26/71/5G NR n41 is supported. For LAT, GSM850/1900/WCDMA B2/4/5/LTE B2/4/5/7/12/13/17/25/26/30/38/41/ 42/48/66/71/5G NR n2/5/41/66/71 is supported.

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17. Dynamic antenna tuning: The dynamic antenna tuning mechanism only implements for the WWAN LAT in WCDMA B5/LTE B5/12/13/26/71/5G NR n5/n71. Besides, the tuning hardware is separate from the antenna and does not influence antenna performance (other than impedance matching). For dynamic antenna tuning, SAR is measured according to required procedures with dynamic tuner active allowing device to automatically tune. Auto-tune state determined by device during normal SAR measurement verified and listed alongside the reported SAR results. Additional single point SAR measurements to verify other tuner configurations result in equivalent or lower SAR value:

- Total number tuner states (total 144 tuner states) divided evenly among each supported band/air interface and exposure condition combination
- Tuner state is established remotely so that the device is not moved for the entire series of single point SAR measurements for the tuner states in each combination
- Single point measurements performed at the peak SAR location of the highest measured SAR configuration for each combination. SAR probe remains stationary throughout the entire series of single point measurements for each combination
- If any single point SAR measurement result is $> 1.2 \text{ W/kg}$ for a band/exposure condition combination set, all supported tuner states are evaluated with single point SAR measurements for the combination.

The auto-tune state is verified immediately before and after each SAR measurement by checking tuning state information on EUT.

For the detail, please refer to chapter 2 supplemental SAR results.

18. Antenna swap mechanism for WLAN: In order to get better user experience the device implemented the dynamic antenna swapping which based on specific user interaction. The device supports two chains for both 2.4GHz and 5GHz which is also known as 2 x 2 MIMO. And there are four WLAN antennas to match with four modes which will explain later. So the antenna for these two chains will be exchanged between these four antennas to meet the expected performance. The output power setting is the same for all modes and the insertion loss of different path is considered as a portion of antenna efficiency. There are four modes: calling mode, camera mode, normal mode and Gaming mode and each mode will be triggered by different detection mechanism to realize the location exchanged by the antenna in different modes. The following is the summary table of the relationship between mode, antenna location and detection mechanism.

Mode	Antenna	Detection mechanism
Calling Mode	Chain0 is adapted in Ant4 Chain1 is adapted in Ant6	When the device audio receiver is active
Camera Mode	Chain0 is adapted in Ant6 Chain1 is adapted in Ant5	When the device Camera is active
Normal Mode	Portrait: Chain0 is adapted in Ant4	Gyro sensor + G-sensor

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	Chain1 is adapted in Ant6 Landscape: Chain0 is adapted in Ant4 Chain1 is adapted in Ant5	
Gaming Mode	Chain0 is adapted in Ant4 Chain1 2.4 GHz is adapted in Ant5 Chain1 5 GHz is adapted in Ant7	When the device is read the string "game" of App

19. Antenna swap mechanism for BT: The device also provides antenna diversity switch method for Bluetooth. This feature will allow both transmit path and receive path of Bluetooth can be switched between Chain 0 antenna and Chain 1 antenna which are mentioned in above of WLAN part. The following is the summary table of the relationship between mode, antenna location and detection mechanism.

Mode	Antenna	Detection mechanism
Calling Mode	Ant4 or Ant6	When the device audio receiver is active
Camera Mode	Ant6 or Ant5	When the device Camera is active
Normal Mode	Portrait: Ant4 or Ant6 Landscape: Ant4 or Ant5	Gyro sensor + G-sensor
Gaming Mode	Ant4 or Ant5	When the device is read the string "game" of App

20. LTE downlink CA: The device supports a maximum of 5 carriers in the downlink. All uplink communications are identical to the Release 8 specifications. Uplink maximum output power is measured with downlink carrier aggregation active, only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than 1/4 dB higher than the maximum output power measured when downlink carrier aggregation inactive. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by $[BW1 + BW2 - 0.1 * |BW1 - BW2|] / 2$ MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration. The downlink PCC channel should be paired with the uplink channel according to normal configurations, as if there is no carrier aggregation. The downlink SCC should be adjacent to the PCC and remain within the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission

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band. For inter-band CA, the SCC should be near the middle of its transmission band. When downlink carrier aggregation is active uplink maximum output power remain within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

21. **LTE intra-band UL CA (contiguous):** The device supports LTE intra-band contiguous 2 UL CA for CA_5B, CA_7C, CA_38C, and CA_41C. The maximum output power is measured for each UL CA configuration for the required test channels. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band. SAR for UL CA is required in highest standalone head/body test position and frequency band combination. Since the maximum output for UL CA is $\leq$ standalone LTE mode (without CA), PCC is configured according to the highest standalone SAR configuration tested, SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.
22. **LTE inter-band UL CA:** The device supports LTE inter-band UL CA for CA_2A-5A, CA_2A-12A, CA_4A-5A, CA_4A-12A, and CA_12A-66A. Since the single uplink 1-g SAR values for each band are both less than 0.8W/Kg and the algebraic summation of the 1-g SAR values are less than 1.45 W/Kg, no additional measurements need to be performed based on 2018-10-TCB workshop guidance.
23. **Power reduction:** The device supports power reduction via audio routing when operating in next to ear use. Also, the power reduction is supported when enabling hotspot mode.
24. **General:** According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is $\leq$ 0.8 W/kg, when the transmission band is $\leq$ 100 MHz. According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is $\geq$ 0.8 W/kg, repeated that measurement once. 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 $\geq$ 1.45 W/kg (~ 10% from the 1-g SAR limit).

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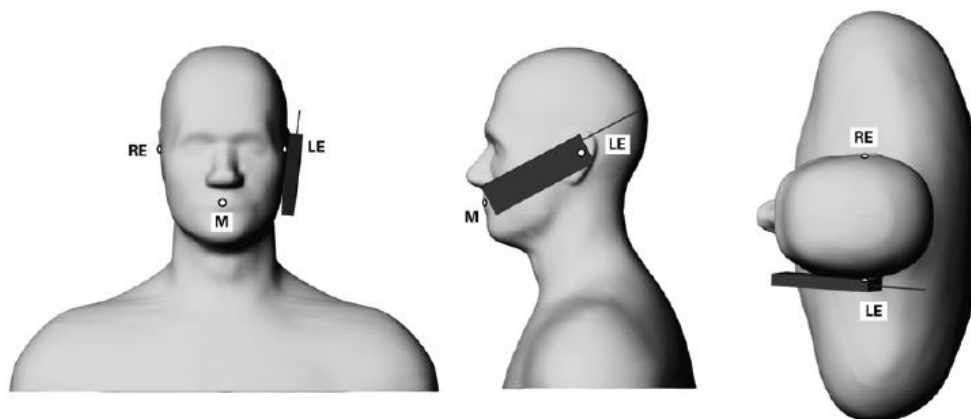
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25. According to April 2015 TCB workshop, SAR test exclusion can be applied for testing overlapping LTE bands as below, a. The maximum output power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion. b. The channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band. Thus, LTE Band 2 (1850 – 1910 MHz) is covered by LTE Band 25 (1850 – 1915 MHz), LTE Band 5 (824 – 849 MHz) is covered by LTE Band 26 (814 – 849 MHz), LTE Band 4 (1710 – 1755 MHz) is covered by LTE Band 66 (1710 – 1780 MHz), LTE Band 17 (704 – 716 MHz) is covered by LTE Band 12 (699 – 716 MHz), LTE Band 38 (2570 – 2620 MHz) is covered by LTE Band 41 (2496 – 2690 MHz).
26. The device doesn't support uplink MIMO for WWAN.
27. There is the cooler(Fan) can be used to keep the phone device having better thermal solution, therefore, SAR with cooler(Fan) is measured on the worst case of each exposure to be the conservative evaluation, including head, body-worn, hotspot and product-specific 10g-SAR.

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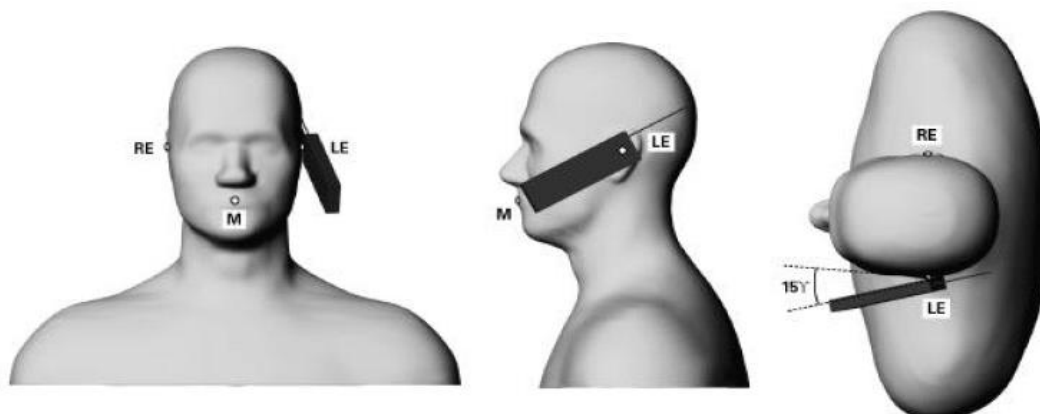
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1.6 Positioning Procedure Head SAR measurement statement



Phone position

1, “cheek” or “touch” position. The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.



Phone position 2, “tilted position.” The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.

Cheek/Touch Position:

The handset was brought toward the mouth of the head phantom by pivoting against the ear reference point until any point of the mouthpiece or keypad touched the phantom.

Ear/Tilt Position:

With the phone aligned in the Cheek/Touch position, the handset was tilted away from the mouth with respect to the test device reference point by 15 degrees.

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Body SAR / Product Specific 10-g SAR measurement statement

1. Body-worn exposure: 15mm

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most conservative test separation distance configuration may be used to support both SAR conditions. When the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is $> 1.2 \text{ W/kg}$, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.

2. Hotspot exposure: 10mm

A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge when the form factor of a handset is larger than $9 \text{ cm} \times 5 \text{ cm}$.

3. Phablet SAR test consideration

Since the device is a phablet (overall diagonal dimension $> 16.0 \text{ cm}$), the UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at $\leq 25 \text{ mm}$ from that surface or edge, in direct contact with a flat phantom, for product specific 10-g SAR. When hotspot mode applies, product specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR $> 1.2 \text{ W/kg}$. However, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold. Based on KDB941225D06v02r01, the hotspot mode and body-worn accessory SAR test configurations may overlap for handsets. 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.

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1.7 Evaluation Procedures

The entire evaluation of the spatial peak values is performed within the Post-processing engine (SEMCAD). The system always gives the maximum values for the 1 g and 10 g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

1. The extraction of the measured data (grid and values) from the Zoom Scan.
2. The calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters).
3. The generation of a high-resolution mesh within the measured volume.
4. The interpolation of all measured values from the measurement grid to the high-resolution grid.
5. The extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface.
6. The calculation of the averaged SAR within masses of 1g and 10g.

The probe is calibrated at the center of the dipole sensors that is located 1 to 2.7mm away from the probe tip. During measurements, the probe stops shortly above the phantom surface, depending on the probe and the surface detecting system. Both distances are included as parameters in the probe configuration file. The software always knows exactly how far away the measured point is from the surface. As the probe cannot directly measure at the surface, the values between the deepest measured point and the surface must be extrapolated. The angle between the probe axis and the surface normal line is less than 30 degree.

In the Area Scan, the gradient of the interpolation function is evaluated to find all the extreme of the SAR distribution. The uncertainty on the locations of the extreme is less than 1/20 of the grid size. Only local maximum within -2 dB of the global maximum are searched and passed for the Cube Scan measurement. In the Cube Scan, the interpolation function is used to extrapolate the Peak SAR from the lowest measurement points to the inner phantom surface (the extrapolation distance). The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5mm.

The maximum search is automatically performed after each area scan measurement. It is based on splines in two or three dimensions. The procedure can find the maximum for most SAR distributions even with relatively large grid spacing. After the area scanning measurement, the probe is automatically moved to a position at the interpolated maximum. The following scan can directly use this position for reference, e.g., for a finer resolution grid or the cube evaluations. The 1g and 10g peak evaluations are only available for the predefined cube 7x7x7 scans.

The routines are verified and optimized for the grid dimensions used in these cube measurements. The measured volume of 30x30x30mm contains about 30g of tissue. The first procedure is an extrapolation (incl. Boundary correction) to get the points between the lowest measured plane and the surface. The next step uses 3D interpolation to get all points within the measured volume. In the last step, a 1g cube is placed numerically into the volume and its averaged SAR is calculated. This cube is

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the moved around until the highest averaged SAR is found.
If the highest SAR is found at the edge of the measured volume, the system will issue a warning: higher SAR values might be found outside of the measured volume. In that case the cube measurement can be repeated, using the new interpolated maximum as the center.

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1.8 Probe Calibration Procedures

For the calibration of E-field probes in lossy liquids, an electric field with an accurately known field strength must be produced within the measured liquid. For standardization purposes it would be desirable if all measurements which are necessary to assess the correct field strength would be traceable to standardized measurement procedures. In the following two different calibration techniques are summarized:

1.8.1 Transfer Calibration with Temperature Probes

In lossy liquids the specific absorption rate (SAR) is related both to the electric field (E) and the temperature gradient ($\partial T / \partial t$) in the liquid.

$$SAR = C \frac{\partial T}{\partial t},$$

Whereby σ is the conductivity, ρ the density and c the heat capacity of the liquid.

Hence, the electric field in lossy liquid can be measured indirectly by measuring the temperature gradient in the liquid. Non-disturbing temperature probes (optical probes or thermistor probes with resistive lines) with high spatial resolution ($<1-2$ mm) and fast reaction time (<1 s) are available and can be easily calibrated with high precision [1]. The setup and the exciting source have no influence on the calibration; only the relative positioning uncertainties of the standard temperature probe and the E-field probe to be calibrated must be considered. However, several problems limit the available accuracy of probe calibrations with temperature probes:

1. The temperature gradient is not directly measurable but must be evaluated from temperature measurements at different time steps. Special precaution is necessary to avoid measurement errors caused by temperature gradients due to energy equalizing effects or convection currents in the liquid. Such effects cannot be completely avoided, as the measured field itself destroys the thermal equilibrium in the liquid. With a careful setup these errors can be kept

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small.

2. The measured volume around the temperature probe is not well defined. It is difficult to calculate the energy transfer from a surrounding gradient temperature field into the probe. These effects must be considered, since temperature probes are calibrated in liquid with homogeneous temperatures. There is no traceable standard for temperature rise measurements.
3. The calibration depends on the assessment of the specific density, the heat capacity and the conductivity of the medium. While the specific density and heat capacity can be measured accurately with standardized procedures ($\sim 2\%$ for c ; much better for ρ), there is no standard for the measurement of the conductivity. Depending on the method and liquid, the error can well exceed $\pm 5\%$.
4. Temperature rise measurements are not very sensitive and therefore are often performed at a higher power level than the E-field measurements. The nonlinearities in the system (e.g., power measurements, different components, etc.) must be considered.

Considering these problems, the possible accuracy of the calibration of E-field probes with temperature gradient measurements in a carefully designed setup is about $\pm 10\%$ (RSS) [2]. Recently, a setup which is a combination of the waveguide techniques and the thermal measurements was presented in [3]. The estimated uncertainty of the setup is $\pm 5\%$ (RSS) when the same liquid is used for the calibration and for actual measurements and $\pm 7-9\%$ (RSS) when not, which is in good agreement with the estimates given in [2].

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1.8.2 Calibration with Analytical Fields

In this method a technical setup is used in which the field can be calculated analytically from measurements of other physical magnitudes (e.g., input power). This corresponds to the standard field method for probe calibration in air; however, there is no standard defined for fields in lossy liquids.

When using calculated fields in lossy liquids for probe calibration, several points must be considered in the assessment of the uncertainty:

1. The setup must enable accurate determination of the incident power.
2. The accuracy of the calculated field strength will depend on the assessment of the dielectric parameters of the liquid.
3. Due to the small wavelength in liquids with high permittivity, even small setups might be above the resonant cutoff frequencies. The field distribution in the setup must be carefully checked for conformity with the theoretical field distribution.

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1.9 The SAR Measurement System

A block diagram of the SAR measurement system is given in Fig. a. This SAR measurement system uses a Computer-controlled 3-D stepper motor system (SPEAG DASY 5 professional system). Model EX3DV4 field probes are used to determine the internal electric fields. The SAR can be obtained from the equation $SAR = \sigma (|E_i|^2) / \rho$ where σ and ρ are the conductivity and mass density of the tissue-simulant.

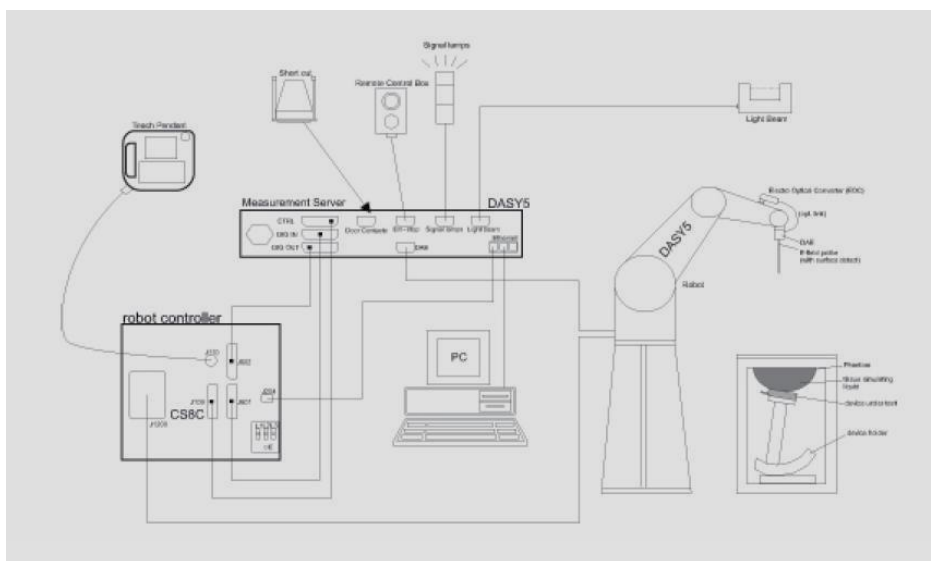


Fig. a A block diagram of the SAR measurement system

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The DASY 5 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Staubli RX family) with controller, teach pendant and software. An arm extension is for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. Data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to the DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.
5. The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
6. A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
7. A computer operating Windows7
8. DASY 5 software.
9. Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
10. The SAM twin phantom enabling testing left-hand and right-hand usage.
11. The device holder for handheld mobile phones.
12. Tissue simulating liquid mixed according to the given recipes.
13. Validation dipole kits allowing to validate the proper functioning of the system.

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1.10 System Components

EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)	
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL750/835/1750/1900/2300/2450/2600/ 3500/3700/5200/5300/5600/5800 MHz Additional CF for other liquids and frequencies upon request	
Frequency	10 MHz to > 6 GHz, Linearity: ± 0.6 dB	
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)	
Dynamic Range	10 μ W/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 μ W/g)	
Dimensions	Tip diameter: 2.5 mm	
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.	

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Phantom

Model	Twin SAM	
Construction	The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points with the robot.	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 25 liters	
Dimensions	Height: 850 mm; Length: 1000 mm; Width: 500 mm	

DEVICE HOLDER

Construction	In combination with the Twin SAM Phantom V4.0/V4.0C or Twin SAM, the Mounting Device (made from POM) enables the rotation of the mounted transmitter in spherical coordinates, whereby the rotation point is the ear opening. The devices can be easily and accurately positioned according to IEC, IEEE, CENELEC, FCC or other specifications. The device holder can be locked at different phantom locations (left head, right head, flat phantom).	 Device Holder
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1.11 SAR System Verification

The microwave circuit arrangement for system verification is sketched in Fig. b. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within $\pm 10\%$ (according to KDB865664D01) from the target SAR values.

These tests were done at 750/835/1750/1900/2300/2450/2600/3500/3700/5200/5300/5600/5800 MHz. The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed in the table 1. During the tests, the liquid depth above the ear reference points was above 15 cm ($\leq 3G$) or 10 cm ($> 3G$) in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.

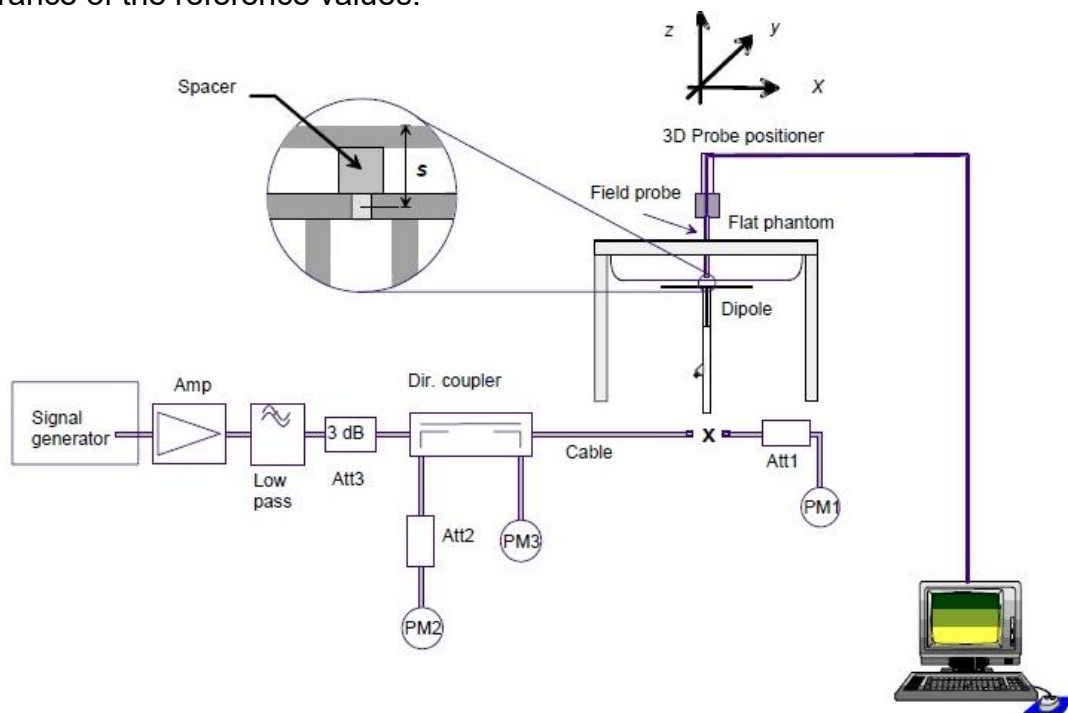


Fig. b The block diagram of system verification

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Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=250mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D750V3	1015	750	Head	8.6	2.27	9.08	5.58%	Jul. 01, 2020
D835V2	4d063	835	Head	9.57	2.29	9.16	-4.28%	Jul. 02, 2020
D1750V2	1008	1750	Head	36.8	9.07	36.28	-1.41%	Jul. 03, 2020
D1900V2	5d173	1900	Head	39.4	8.94	35.76	-9.24%	Jul. 04, 2020
D2300V2	1023	2300	Head	48.1	12.20	48.80	1.46%	Jul. 27, 2020
D2600V2	1005	2600	Head	57.3	13.30	53.20	-7.16%	Jul. 06, 2020
D750V3	1015	750	Head	8.6	2.26	9.04	5.12%	Jun. 25, 2020
D835V2	4d063	835	Head	9.57	2.43	9.72	1.57%	Jun. 26, 2020
D1750V2	1008	1750	Head	36.8	8.93	35.72	-2.93%	Jun. 27, 2020
D1900V2	5d173	1900	Head	39.4	9.93	39.72	0.81%	Jun. 28, 2020
D2300V2	1023	2300	Head	48.1	12.30	49.20	2.29%	Jun. 22, 2020
D2600V2	1005	2600	Head	57.3	14.30	57.20	-0.17%	Jun. 30, 2020
D750V3	1015	750	Head	8.6	2.23	8.92	3.72%	Jul. 09, 2020
D835V2	4d063	835	Head	9.57	2.34	9.36	-2.19%	Jul. 10, 2020
D1750V2	1008	1750	Head	36.8	9.09	36.36	-1.20%	Jul. 11, 2020
D1900V2	5d173	1900	Head	39.4	9.70	38.80	-1.52%	Jul. 12, 2020
D2300V2	1023	2300	Head	48.1	12.00	48.00	-0.21%	Jul. 23, 2020
D2600V2	1005	2600	Head	57.3	13.80	55.20	-3.66%	Jul. 14, 2020
D750V3	1015	750	Head	8.6	2.08	8.32	-3.26%	Jul. 21, 2020
D835V2	4d063	835	Head	9.57	2.34	9.36	-2.19%	Jul. 22, 2020
D1750V2	1008	1750	Head	36.8	8.47	33.88	-7.93%	Jul. 23, 2020
D1900V2	5d173	1900	Head	39.4	9.72	38.88	-1.32%	Jul. 24, 2020
D2300V2	1023	2300	Head	48.1	12.10	48.40	0.62%	Jul. 23, 2020
D2600V2	1005	2600	Head	57.3	14.10	56.40	-1.57%	Jul. 26, 2020
D750V3	1015	750	Head	8.6	2.02	8.08	-6.05%	Jul. 14, 2020
D835V2	4d063	835	Head	9.57	2.25	9.00	-5.96%	Jul. 15, 2020
D1750V2	1008	1750	Head	36.8	8.69	34.76	-5.54%	Jul. 16, 2020
D1900V2	5d173	1900	Head	39.4	9.68	38.72	-1.73%	Jul. 17, 2020
D2300V2	1023	2300	Head	48.1	11.90	47.60	-1.04%	Jul. 27, 2020
D2600V2	1005	2600	Head	57.3	13.60	54.40	-5.06%	Jul. 19, 2020
D2450V2	727	2450	Head	52.6	13.50	54.00	2.66%	Jul. 05, 2020
D2450V2	727	2450	Head	52.6	13.50	54.00	2.66%	Jul. 25, 2020
D2450V2	727	2450	Head	52.6	13.70	54.80	4.18%	Jun. 29, 2020
D2450V2	727	2450	Head	52.6	13.70	54.80	4.18%	Jul. 13, 2020

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Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=100mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D3500V2	1009	3500	Head	66.8	7.02	70.20	5.09%	Jul. 08, 2020
D3700V2	1057	3700	Head	68	6.48	64.80	-4.71%	Jul. 07, 2020
D3500V2	1009	3500	Head	66.8	6.50	65.00	-2.69%	Jul. 02, 2020
D3700V2	1057	3700	Head	68	6.26	62.60	-7.94%	Jul. 01, 2020
D3500V2	1009	3500	Head	66.8	7.22	72.20	8.08%	Jul. 16, 2020
D3700V2	1057	3700	Head	68	6.37	63.70	-6.32%	Jul. 15, 2020
D3500V2	1009	3500	Head	66.8	6.98	69.80	4.49%	Jul. 28, 2020
D3700V2	1057	3700	Head	68	6.55	65.50	-3.68%	Jul. 27, 2020
D3500V2	1009	3500	Head	66.8	7.23	72.30	8.23%	Jul. 21, 2020
D3700V2	1057	3700	Head	68	7.07	70.70	3.97%	Jul. 20, 2020
D5GHzV2	1023	5200	Head	80.1	8.55	85.50	6.74%	Jul. 10, 2020
	1023	5300	Head	82.8	8.90	89.00	7.49%	Jul. 11, 2020
	1023	5600	Head	83.1	8.79	87.90	5.78%	Jul. 12, 2020
	1023	5800	Head	81.4	8.43	84.30	3.56%	Jul. 13, 2020
D5GHzV2	1023	5200	Head	80.1	8.63	86.30	7.74%	Jul. 18, 2020
	1023	5300	Head	82.8	8.63	86.30	4.23%	Jul. 19, 2020
	1023	5600	Head	83.1	8.18	81.80	-1.56%	Jul. 20, 2020
	1023	5800	Head	81.4	8.18	81.80	0.49%	Jul. 21, 2020
D5GHzV2	1023	5200	Head	80.1	8.04	80.40	0.37%	Jul. 05, 2020
	1023	5300	Head	82.8	8.10	81.00	-2.17%	Jul. 06, 2020
	1023	5600	Head	83.1	7.98	79.80	-3.97%	Jul. 07, 2020
	1023	5800	Head	81.4	7.68	76.80	-5.65%	Jul. 08, 2020
D5GHzV2	1023	5200	Head	80.1	8.12	81.20	1.37%	Jul. 18, 2020
	1023	5300	Head	82.8	8.07	80.70	-2.54%	Jul. 19, 2020
	1023	5600	Head	83.1	7.97	79.70	-4.09%	Jul. 20, 2020
	1023	5800	Head	81.4	7.58	75.80	-6.88%	Jul. 21, 2020

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D750V3	1015	750	Head	5.66	1.45	5.80	2.47%	Jul. 29, 2020
D835V2	4d063	835	Head	6.22	1.48	5.92	-4.82%	Jul. 15, 2020
D835V2	4d063	835	Head	6.22	1.64	6.56	5.47%	Jul. 30, 2020
D1750V2	1008	1750	Head	19.4	4.54	18.16	-6.39%	Jul. 16, 2020
D1750V2	1008	1750	Head	19.4	4.68	18.72	-3.51%	Jul. 31, 2020
D1900V2	5d173	1900	Head	20.5	5.02	20.08	-2.05%	Jul. 17, 2020
D1900V2	5d173	1900	Head	20.5	5.06	20.24	-1.27%	Aug. 01, 2020
D2300V2	1023	2300	Head	23.1	5.56	22.24	-3.72%	Jul. 27, 2020
D2300V2	1023	2300	Head	23.1	5.85	23.40	1.30%	Aug. 02, 2020
D2600V2	1005	2600	Head	25.5	6.00	24.00	-5.88%	Jul. 19, 2020
D2600V2	1005	2600	Head	25.5	6.37	25.48	-0.08%	Aug. 03, 2020
D2450V2	727	2450	Head	24.7	6.03	24.12	-2.35%	Aug. 10, 2020
Validation Kit	S/N	Frequency (MHz)		1W Target SAR-10g (mW/g)	pin=100mW Measured SAR-10g (mW/g)	Measured SAR-10g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D3500V2	1009	3500	Head	25.3	2.34	23.40	-7.51%	Jul. 21, 2020
D3500V2	1009	3500	Head	25.3	2.62	26.20	3.56%	Aug. 05, 2020
D3700V2	1057	3700	Head	24.6	2.31	23.10	-6.10%	Aug. 06, 2020
D5GHzV2	1023	5200	Head	22.7	2.20	22.00	-3.08%	Aug. 11, 2020
	1023	5300	Head	23.4	2.43	24.30	3.85%	Aug. 12, 2020
	1023	5600	Head	23.5	2.46	24.60	4.68%	Aug. 13, 2020
	1023	5800	Head	22.7	2.34	23.40	3.08%	Aug. 14, 2020
Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=250mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D1900V2	5d173	1900	Head	39.4	9.87	39.48	0.20%	Aug. 27, 2020
Validation Kit	S/N	Frequency (MHz)		1W Target SAR-1g (mW/g)	pin=100mW Measured SAR-1g (mW/g)	Measured SAR-1g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D5GHzV2	1023	5300	Head	82.8	8.51	85.10	2.78%	Aug. 27, 2020
	1023	5600	Head	83.1	8.74	87.40	5.17%	Aug. 27, 2020
Validation Kit	S/N	Frequency (MHz)		10W Target SAR-1g (mW/g)	pin=250mW Measured SAR-10g (mW/g)	Measured SAR-10g normalized to 1W (mW/g)	Deviation (%)	Measured Date
D2600V2	1005	2600	Head	25.5	6.61	26.44	3.69%	Aug. 27, 2020

Table 1. Results of system validation

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1.12 Tissue Simulant Fluid for the Frequency Band

The dielectric properties for this Head-simulant fluid were measured by using the Agilent Model 85070E Dielectric Probe (rates frequency band 200 MHz to 20 GHz) in conjunction with Network Analyzer.

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The depth of the tissue simulant in the flat section of the phantom was at least 15 cm ($\leq 3G$) or 10 cm ($> 3G$) during all tests. (Appendix Fig. 2)

Tissue Type	Measurement Date	Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ
Head	Aug. 27, 2020	1900.00	40.000	1.400	40.115	1.451	0.29%	3.64%
		1907.60	40.000	1.400	40.106	1.454	0.27%	3.86%
		2546.01	39.078	1.905	37.930	1.911	-2.94%	0.33%
		2600.00	39.009	1.964	37.903	1.970	-2.84%	0.32%
		5260.00	35.917	4.717	36.231	4.754	0.87%	0.80%
		5300.00	35.871	4.758	36.134	4.780	0.73%	0.47%
		5600.00	35.529	5.065	35.293	5.149	-0.66%	1.66%
		5690.00	35.426	5.157	35.145	5.252	-0.79%	1.84%

Table 2. Dielectric Parameters of Tissue Simulant Fluid

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The composition of the tissue simulating liquid:

Frequency (MHz)	Mode	Ingredient						Total amount
		DGMBE	Water	Salt	Preventol D-7	Cellulose	Sugar	
750	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
850	Head	—	532.98 g	18.3 g	2.4 g	3.2 g	766 g	1.3L(Kg)
1750	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
1900	Head	444.52 g	552.42 g	3.06 g	—	—	—	1.0L(Kg)
2300	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
2450	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
2600	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
3500	Head	550ml	450ml	—	—	—	—	1.0L(Kg)
3700	Head	550ml	450ml	—	—	—	—	1.0L(Kg)

Simulating Liquids for 5 GHz, Manufactured by SPEAG:

Ingredients	Water	Esters, Emulsifiers, Inhibitors	Sodium and Salt
(% by weight)	60-80	20-40	0-1.5

Table 3. Recipes for tissue simulating liquid

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1.13 Test Standards and Limits

According to FCC 47CFR §2.1093(d) The limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized specific absorption rate ("SAR") in Section 4.2 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE C95.1, By the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radio frequency Electromagnetic Fields," NCRP Report No. 86, Section 17.4.5. Copyright NCRP, 1986, Bethesda, Maryland 20814. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards. The criteria to be used are specified in paragraphs (d)(1) and (d)(2) of this section and shall apply for portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz are to be evaluated in terms of the MPE limits specified in § 1.1310 of this chapter.

Measurements and calculations to demonstrate compliance with MPE field strength or power density limits for devices operating above 6 GHz should be made at a minimum distance of 5 cm from the radiating source.

1. Limits for Occupational/Controlled exposure: 0.4 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 8 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 20 W/kg, as averaged over a 10 grams of tissue (defined as a tissue volume in the shape of a cube).

Occupational/Controlled limits apply when persons are exposed as a consequence of their employment provided these persons are fully aware of and exercise control over their exposure. Awareness of exposure can be accomplished by use of warning labels or by specific training or education through appropriate means, such as an RF safety program in a work environment.

2. Limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 1.6 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube).

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Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube).

General Population/Uncontrolled limits apply when the general public may be exposed, or when persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or do not exercise control over their exposure.

Warning labels placed on consumer devices such as cellular telephones will not be sufficient reason to allow these devices to be evaluated subject to limits for occupational/controlled exposure in paragraph (d)(1) of this section.(Table .6)

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR (Brain)	1.60 W/kg	8.00 W/kg
Spatial Average SAR (Whole Body)	0.08 W/kg	0.40 W/kg
Spatial Peak SAR (Hands/Feet/Ankle/Wrist)	4.00 W/kg	20.00 W/kg

Table 4. RF exposure limits

Notes:

1. Uncontrolled environments are defined as locations where there is potential exposure of individuals who have no knowledge or control of their potential exposure.
2. Controlled environments are defined as locations where there is potential exposure of individuals who have knowledge of their potential exposure and can exercise control over their exposure.

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2. Summary of Results

2.1 Decision rules

Reported measurement data comply with IEEE 1528-2013:
Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.2 Summary of Results

Without WLAN

Head_Upper antenna

GSM 850

Band	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850	Re Cheek	-	128	824.2	34.00	32.04	157.04%	0.698	1.096	-
	Re Cheek	-	190	836.5	34.00	32.42	143.88%	0.712	1.024	-
	Re Cheek	-	251	848.8	34.00	32.21	151.01%	0.759	1.146	1
	Re Tilt	-	190	836.5	34.00	32.42	143.88%	0.473	0.681	-
	Le Cheek	-	190	836.5	34.00	32.42	143.88%	0.522	0.751	-
	Le Tilt	-	190	836.5	34.00	32.42	143.88%	0.465	0.669	-

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Re Cheek	-	4132	826.4	24.50	23.18	135.52%	0.714	0.968	-
	Re Cheek	-	4183	836.6	24.50	23.13	137.09%	0.730	1.001	2
	Re Cheek	-	4233	846.6	24.50	23.09	138.36%	0.687	0.951	-
	Re Tilt	-	4132	826.4	24.50	23.18	135.52%	0.460	0.623	-
	Le Cheek	-	4132	826.4	24.50	23.18	135.52%	0.541	0.733	-
	Le Tilt	-	4132	826.4	24.50	23.18	135.52%	0.498	0.675	-

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LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	133222	673	24.5	23.71	119.95%	0.489	0.587	-
						RE Cheek	-	133297	680.5	24.5	23.70	120.23%	0.512	0.616	-
						RE Cheek	-	133372	688	24.5	23.75	118.85%	0.552	0.656	6
						RE Tilt	-	133372	688	24.5	23.75	118.85%	0.322	0.383	-
						LE Cheek	-	133372	688	24.5	23.75	118.85%	0.438	0.521	-
						LE Tilt	-	133372	688	24.5	23.75	118.85%	0.277	0.329	-
				50 RB	0	RE Cheek	-	133222	673	23.5	22.81	117.22%	0.411	0.482	-
						RE Tilt	-	133222	673	23.5	22.81	117.22%	0.267	0.313	-
						LE Cheek	-	133222	673	23.5	22.81	117.22%	0.339	0.397	-
						LE Tilt	-	133222	673	23.5	22.81	117.22%	0.209	0.245	-
						RE Cheek	-	133222	673	23.5	22.79	117.76%	0.398	0.469	-
						RE Tilt	-	133222	673	23.5	22.79	117.76%	0.259	0.305	-
				100 RB		LE Cheek	-	133222	673	23.5	22.79	117.76%	0.322	0.379	-
						LE Tilt	-	133222	673	23.5	22.79	117.76%	0.218	0.257	-

Without WLAN Head_Lower antenna

GSM 850

Band	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850	Re Cheek	-	128	824.2	34.00	32.04	157.04%	0.123	0.193	-
	Re Cheek	-	190	836.5	34.00	32.42	143.88%	0.196	0.282	7
	Re Cheek	-	251	848.8	34.00	32.21	151.01%	0.154	0.233	-
	Re Tilt	-	190	836.5	34.00	32.42	143.88%	0.087	0.125	-
	Le Cheek	-	190	836.5	34.00	32.42	143.88%	0.122	0.176	-
	Le Tilt	-	190	836.5	34.00	32.42	143.88%	0.067	0.097	-

GSM 1900

Band	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 1900	Re Cheek	-	661	1880	31.00	30.50	112.20%	0.081	0.091	-
	Re Tilt	-	661	1880	31.00	30.50	112.20%	0.052	0.059	-
	Le Cheek	-	512	1850.2	31.00	30.13	122.18%	0.083	0.102	-
	Le Cheek	-	661	1880	31.00	30.50	112.20%	0.105	0.118	8
	Le Cheek	-	810	1909.8	31.00	30.22	119.67%	0.071	0.085	-
	Le Tilt	-	661	1880	31.00	30.50	112.20%	0.068	0.077	-

WCDMA Band II

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Re Cheek	-	9400	1880	24.50	23.11	137.72%	0.182	0.251	-
	Re Tilt	-	9400	1880	24.50	23.11	137.72%	0.132	0.182	-
	Le Cheek	-	9262	1852.4	24.50	23.09	138.36%	0.182	0.252	-
	Le Cheek	-	9400	1880	24.50	23.11	137.72%	0.219	0.302	9
	Le Cheek	-	9538	1907.6	24.50	23.04	139.96%	0.154	0.216	-
	Le Tilt	-	9400	1880	24.50	23.11	137.72%	0.167	0.230	-

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LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23230	782	24.5	23.10	138.04%	0.131	0.181	14
					25	RE Cheek	-	23230	782	24.5	23.05	139.64%	0.110	0.154	-
					49	RE Cheek	-	23230	782	24.5	23.40	128.82%	0.102	0.131	-
						RE Tilt	-	23230	782	24.5	23.40	128.82%	0.052	0.067	-
						LE Cheek	-	23230	782	24.5	23.40	128.82%	0.071	0.092	-
						LE Tilt	-	23230	782	24.5	23.40	128.82%	0.029	0.037	-
				25 RB	12	RE Cheek	-	23230	782	23.5	22.27	132.74%	0.072	0.095	-
						RE Tilt	-	23230	782	23.5	22.27	132.74%	0.036	0.047	-
						LE Cheek	-	23230	782	23.5	22.27	132.74%	0.054	0.072	-
						LE Tilt	-	23230	782	23.5	22.27	132.74%	0.018	0.024	-
				50 RB		RE Cheek	-	23230	782	23.5	22.16	136.14%	0.063	0.086	-
						RE Tilt	-	23230	782	23.5	22.16	136.14%	0.032	0.044	-
						LE Cheek	-	23230	782	23.5	22.16	136.14%	0.046	0.063	-
						LE Tilt	-	23230	782	23.5	22.16	136.14%	0.017	0.022	-

LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	26140	1860	24.5	23.58	123.59%	0.178	0.220	-
						RE Tilt	-	26140	1860	24.5	23.58	123.59%	0.109	0.135	-
						LE Cheek	-	26140	1860	24.5	23.58	123.59%	0.211	0.261	-
						LE Cheek	-	26365	1882.5	24.5	23.48	126.47%	0.224	0.283	-
						LE Cheek	-	26590	1905	24.5	23.38	129.42%	0.256	0.331	15
						LE Tilt	-	26140	1860	24.5	23.58	123.59%	0.123	0.152	-
				50 RB	0	RE Cheek	-	26140	1860	23.5	22.70	120.23%	0.143	0.172	-
						RE Tilt	-	26140	1860	23.5	22.70	120.23%	0.084	0.101	-
						LE Cheek	-	26140	1860	23.5	22.70	120.23%	0.178	0.214	-
						LE Tilt	-	26140	1860	23.5	22.70	120.23%	0.098	0.118	-
				100 RB		RE Cheek	-	26365	1882.5	23.5	22.61	122.74%	0.132	0.162	-
						RE Tilt	-	26365	1882.5	23.5	22.61	122.74%	0.078	0.096	-
						LE Cheek	-	26365	1882.5	23.5	22.61	122.74%	0.153	0.188	-
						LE Tilt	-	26365	1882.5	23.5	22.61	122.74%	0.081	0.100	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	24.5	23.70	120.23%	0.117	0.141	16
						RE Cheek	-	26865	831.5	24.5	23.53	125.03%	0.102	0.128	-
						RE Cheek	-	26965	841.5	24.5	23.46	127.06%	0.109	0.138	-
						RE Tilt	-	26765	821.5	24.5	23.70	120.23%	0.068	0.082	-
						LE Cheek	-	26765	821.5	24.5	23.70	120.23%	0.076	0.092	-
						LE Tilt	-	26765	821.5	24.5	23.70	120.23%	0.042	0.051	-
				36 RB	18	RE Cheek	-	26765	821.5	23.5	22.71	119.95%	0.092	0.110	-
						RE Tilt	-	26765	821.5	23.5	22.71	119.95%	0.053	0.064	-
						LE Cheek	-	26765	821.5	23.5	22.71	119.95%	0.059	0.071	-
						LE Tilt	-	26765	821.5	23.5	22.71	119.95%	0.034	0.041	-
				75 RB		RE Cheek	-	26765	821.5	23.5	22.70	120.23%	0.086	0.104	-
						RE Tilt	-	26765	821.5	23.5	22.70	120.23%	0.051	0.062	-
						LE Cheek	-	26765	821.5	23.5	22.70	120.23%	0.054	0.065	-
						LE Tilt	-	26765	821.5	23.5	22.70	120.23%	0.029	0.035	-
CA_5B	Head	10MHz	QPSK	1	0	RE Cheek	-	20450	829	24.5	22.99	141.58%	0.092	0.130	-

LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Head	10MHz	QPSK	1 RB	0	LE Cheek	-	27710	2310	23.5	23.12	109.14%	0.165	0.180	17
					25	LE Cheek	-	27710	2310	23.5	23.13	108.89%	0.152	0.166	-
					49	RE Cheek	-	27710	2310	23.5	23.21	106.91%	0.102	0.109	-
						RE Tilt	-	27710	2310	23.5	23.21	106.91%	0.065	0.070	-
						LE Cheek	-	27710	2310	23.5	23.21	106.91%	0.158	0.169	-
						LE Tilt	-	27710	2310	23.5	23.21	106.91%	0.112	0.120	-
				25 RB	25	RE Cheek	-	27710	2310	22.5	22.34	103.75%	0.078	0.081	-
						RE Tilt	-	27710	2310	22.5	22.34	103.75%	0.051	0.053	-
						LE Cheek	-	27710	2310	22.5	22.34	103.75%	0.122	0.127	-
						LE Tilt	-	27710	2310	22.5	22.34	103.75%	0.070	0.073	-
				50 RB		RE Cheek	-	27710	2310	22.5	22.31	104.47%	0.082	0.086	-
						RE Tilt	-	27710	2310	22.5	22.31	104.47%	0.046	0.048	-
						LE Cheek	-	27710	2310	22.5	22.31	104.47%	0.109	0.114	-
						LE Tilt	-	27710	2310	22.5	22.31	104.47%	0.062	0.065	-

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Hotspot mode

Hotspot_Lower antenna

GPRS1900

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 1900 <1Dn2Up> (Hotspot)	Front side	10	661	1880	27.5	27.45	101.16%	0.389	0.393	-
	Back side	10	661	1880	27.5	27.45	101.16%	0.428	0.433	-
	Top side	10	661	1880	27.5	27.45	101.16%	0.001	0.001	-
	Bottom side	10	512	1850.2	27.5	27.38	102.80%	0.933	0.959	-
	Bottom side	10	661	1880	27.5	27.45	101.16%	1.010	1.022	-
	Bottom side	10	810	1909.8	27.5	27.40	102.33%	1.110	1.136	29
	Bottom side*	10	810	1909.8	27.5	27.40	102.33%	1.108	1.134	-
	Right side	10	661	1880	27.5	27.45	101.16%	0.144	0.146	-
	Left side	10	661	1880	27.5	27.45	101.16%	0.237	0.240	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

WCDMA Band II

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Front side	10	9400	1880	21.5	21.41	102.09%	0.205	0.209	-
	Back side	10	9400	1880	21.5	21.41	102.09%	0.365	0.373	-
	Top side	10	9400	1880	21.5	21.41	102.09%	0.003	0.003	-
	Bottom side	10	9262	1852.4	21.5	21.39	102.57%	0.985	1.010	-
	Bottom side	10	9400	1880	21.5	21.41	102.09%	1.030	1.052	-
	Bottom side	10	9538	1907.6	21.5	21.34	103.75%	1.130	1.172	30
	Bottom side*	10	9538	1907.6	21.5	21.34	103.75%	1.125	1.167	-
	Bottom side**	10	9538	1907.6	21.5	21.34	103.75%	1.090	1.131	-
	Right side	10	9400	1880	21.5	21.41	102.09%	0.068	0.069	-
	Left side	10	9400	1880	21.5	21.41	102.09%	0.121	0.124	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

** - Spot check for fan

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LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	26765	821.5	24.5	23.70	120.23%	0.401	0.482	37
						Front side	10	26865	831.5	24.5	23.53	125.03%	0.373	0.466	-
						Front side	10	26965	841.5	24.5	23.46	127.06%	0.369	0.469	-
						Back side	10	26765	821.5	24.5	23.70	120.23%	0.392	0.471	-
						Top side	10	26765	821.5	24.5	23.70	120.23%	0.005	0.006	-
						Bottom side	10	26765	821.5	24.5	23.70	120.23%	0.364	0.438	-
						Right side	10	26765	821.5	24.5	23.70	120.23%	0.281	0.338	-
						Left side	10	26765	821.5	24.5	23.70	120.23%	0.063	0.076	-
				36 RB	18	Front side	10	26765	821.5	23.5	22.71	119.95%	0.311	0.373	-
						Back side	10	26765	821.5	23.5	22.71	119.95%	0.308	0.369	-
						Top side	10	26765	821.5	23.5	22.71	119.95%	0.003	0.004	-
						Bottom side	10	26765	821.5	23.5	22.71	119.95%	0.272	0.326	-
						Right side	10	26765	821.5	23.5	22.71	119.95%	0.222	0.266	-
						Left side	10	26765	821.5	23.5	22.71	119.95%	0.046	0.055	-
						Front side	10	26765	821.5	23.5	22.70	120.23%	0.298	0.358	-
						Back side	10	26765	821.5	23.5	22.70	120.23%	0.287	0.345	-
						Top side	10	26765	821.5	23.5	22.70	120.23%	0.003	0.004	-
						Bottom side	10	26765	821.5	23.5	22.70	120.23%	0.253	0.304	-
						Right side	10	26765	821.5	23.5	22.70	120.23%	0.209	0.251	-
						Left side	10	26765	821.5	23.5	22.70	120.23%	0.041	0.049	-
CA_5B	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	20450	829	24.5	22.99	141.58%	0.331	0.469	-

LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	23.5	23.72	95.06%	0.374	0.355	-
						Back side	10	41490	2680	23.5	23.72	95.06%	0.494	0.470	-
						Top side	10	41490	2680	23.5	23.72	95.06%	0.002	0.002	-
						Bottom side	10	39750	2506	24.5	23.66	121.34%	0.545	0.661	-
						Bottom side	10	40185	2549.5	24.5	23.56	124.17%	0.510	0.633	-
						Bottom side	10	40620	2593	24.5	23.65	121.62%	0.540	0.657	-
						Bottom side	10	41055	2636.5	24.5	23.69	120.50%	0.561	0.676	-
						Bottom side	10	41490	2680	23.5	23.72	95.06%	0.637	0.606	38
						Right side	10	41490	2680	23.5	23.72	95.06%	0.005	0.005	-
						Left side	10	41490	2680	23.5	23.72	95.06%	0.265	0.252	-
				50 RB	0	Front side	10	41490	2680	23.5	22.69	120.50%	0.289	0.348	-
						Back side	10	41490	2680	23.5	22.69	120.50%	0.389	0.469	-
						Top side	10	41490	2680	23.5	22.69	120.50%	0.002	0.002	-
						Bottom side	10	41490	2680	23.5	22.69	120.50%	0.500	0.602	-
						Right side	10	41490	2680	23.5	22.69	120.50%	0.004	0.005	-
				100 RB	0	Left side	10	41490	2680	23.5	22.69	120.50%	0.214	0.258	-
						Front side	10	39750	2506	23.5	22.73	119.40%	0.273	0.326	-
						Back side	10	39750	2506	23.5	22.73	119.40%	0.376	0.449	-
						Top side	10	39750	2506	23.5	22.73	119.40%	0.002	0.002	-
						Bottom side	10	39750	2506	23.5	22.73	119.40%	0.500	0.597	-
						Right side	10	39750	2506	23.5	22.73	119.40%	0.002	0.003	-
						Left side	10	39750	2506	23.5	22.73	119.40%	0.201	0.240	-
CA_38C	Hotspot	20MHz	QPSK	1 RB	0	Bottom side	10	37850	2580	24.5	23.67	121.06%	0.613	0.742	-
CA_41C	Hotspot	20MHz	QPSK	1 RB	0	Bottom side	10	41490	2680	24.5	23.70	120.23%	0.621	0.747	-

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LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	21	20.95	101.16%	0.452	0.457	47
						RE Cheek	-	26865	831.5	21	20.84	103.75%	0.419	0.435	-
						RE Cheek	-	26965	841.5	21	20.46	113.24%	0.417	0.472	-
						RE Tilt	-	26765	821.5	21	20.95	101.16%	0.276	0.279	-
						LE Cheek	-	26765	821.5	21	20.95	101.16%	0.313	0.317	-
						LE Tilt	-	26765	821.5	21	20.95	101.16%	0.245	0.248	-
				36 RB	18	RE Cheek	-	26765	821.5	20	19.95	101.16%	0.341	0.345	-
						RE Tilt	-	26765	821.5	20	19.95	101.16%	0.217	0.220	-
						LE Cheek	-	26765	821.5	20	19.95	101.16%	0.279	0.282	-
						LE Tilt	-	26765	821.5	20	19.95	101.16%	0.187	0.189	-
				75 RB		RE Cheek	-	26765	821.5	20	19.95	101.16%	0.329	0.333	-
						RE Tilt	-	26765	821.5	20	19.95	101.16%	0.219	0.222	-
						LE Cheek	-	26765	821.5	20	19.95	101.16%	0.268	0.271	-
						LE Tilt	-	26765	821.5	20	19.95	101.16%	0.182	0.184	-
CA 5B	Head	10MHz	QPSK	1 RB	49	RE Cheek	-	20450	829	21	20.77	105.44%	0.425	0.448	-

LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	133222	673	21	20.91	102.09%	0.243	0.248	-
						RE Cheek	-	133297	680.5	21	20.87	103.04%	0.255	0.263	-
						RE Cheek	-	133372	688	21	20.99	100.23%	0.278	0.279	48
						RE Tilt	-	133372	688	21	20.99	100.23%	0.165	0.165	-
						LE Cheek	-	133372	688	21	20.99	100.23%	0.231	0.232	-
						LE Tilt	-	133372	688	21	20.99	100.23%	0.141	0.141	-
				50 RB	0	RE Cheek	-	133222	673	20	19.95	101.16%	0.206	0.208	-
						RE Tilt	-	133222	673	20	19.95	101.16%	0.132	0.134	-
						LE Cheek	-	133222	673	20	19.95	101.16%	0.173	0.175	-
						LE Tilt	-	133222	673	20	19.95	101.16%	0.112	0.113	-
				100 RB		RE Cheek	-	133222	673	20	19.97	100.69%	0.201	0.202	-
						RE Tilt	-	133222	673	20	19.97	100.69%	0.133	0.134	-
						LE Cheek	-	133222	673	20	19.97	100.69%	0.165	0.166	-
						LE Tilt	-	133222	673	20	19.97	100.69%	0.105	0.106	-

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Hotspot reduced power

Hotspot_Lower antenna_calling mode

GPRS850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	33.0	32.13	122.18%	0.464	0.567	-
	Front side	10	190	836.5	33.0	32.20	120.23%	0.605	0.727	-
	Front side	10	251	848.8	33.0	32.19	120.50%	0.675	0.813	49
	Back side	10	190	836.5	33.0	32.20	120.23%	0.533	0.641	-
	Top side	10	190	836.5	33.0	32.20	120.23%	0.001	0.001	-
	Bottom side	10	190	836.5	33.0	32.20	120.23%	0.526	0.632	-
	Right side	10	190	836.5	33.0	32.20	120.23%	0.489	0.588	-
	Left side	10	190	836.5	33.0	32.20	120.23%	0.127	0.153	-

LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	0	Bottom side	10	27710	2310	23	22.85	103.51%	0.770	0.797	-
					25	Bottom side	10	27710	2310	23	22.93	101.62%	0.756	0.768	-
					49	Front side	10	27710	2310	23	22.95	101.16%	0.656	0.664	-
						Back side	10	27710	2310	23	22.95	101.16%	0.676	0.684	-
						Top side	10	27710	2310	23	22.95	101.16%	0.010	0.010	-
						Bottom side	10	27710	2310	23	22.95	101.16%	0.878	0.888	50
						Bottom side*	10	27710	2310	23	22.95	101.16%	0.872	0.882	-
						Right side	10	27710	2310	23	22.95	101.16%	0.068	0.069	-
						Left side	10	27710	2310	23	22.95	101.16%	0.462	0.467	-
				25 RB	25	Front side	10	27710	2310	22	21.84	103.75%	0.532	0.552	-
						Back side	10	27710	2310	22	21.84	103.75%	0.545	0.565	-
						Top side	10	27710	2310	22	21.84	103.75%	0.009	0.009	-
						Bottom side	10	27710	2310	22	21.84	103.75%	0.702	0.728	-
						Right side	10	27710	2310	22	21.84	103.75%	0.052	0.054	-
						Left side	10	27710	2310	22	21.84	103.75%	0.364	0.378	-
				50 RB		Front side	10	27710	2310	22	21.55	110.92%	0.531	0.589	-
						Back side	10	27710	2310	22	21.55	110.92%	0.565	0.627	-
						Top side	10	27710	2310	22	21.55	110.92%	0.008	0.009	-
						Bottom side	10	27710	2310	22	21.55	110.92%	0.691	0.766	-
						Right side	10	27710	2310	22	21.55	110.92%	0.052	0.058	-
						Left side	10	27710	2310	22	21.55	110.92%	0.351	0.389	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

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Hotspot reduced power Hotspot_Lower antenna_camera mode

GPRS850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	31.0	30.83	103.99%	0.352	0.366	-
	Front side	10	190	836.5	31.0	30.95	101.16%	0.451	0.456	-
	Front side	10	251	848.8	31.0	30.91	102.09%	0.504	0.515	51
	Back side	10	190	836.5	31.0	30.95	101.16%	0.402	0.407	-
	Top side	10	190	836.5	31.0	30.95	101.16%	0.001	0.001	-
	Bottom side	10	190	836.5	31.0	30.95	101.16%	0.392	0.397	-
	Right side	10	190	836.5	31.0	30.95	101.16%	0.365	0.369	-
	Left side	10	190	836.5	31.0	30.95	101.16%	0.095	0.096	-

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	10	4132	826.4	23.5	23.18	107.65%	0.492	0.530	-
	Front side	10	4183	836.6	23.5	23.13	108.89%	0.507	0.552	-
	Front side	10	4233	846.6	23.5	23.09	109.90%	0.559	0.614	52
	Back side	10	4132	826.4	23.5	23.18	107.65%	0.452	0.487	-
	Top side	10	4132	826.4	23.5	23.18	107.65%	0.001	0.001	-
	Bottom side	10	4132	826.4	23.5	23.18	107.65%	0.342	0.368	-
	Right side	10	4132	826.4	23.5	23.18	107.65%	0.162	0.174	-
	Left side	10	4132	826.4	23.5	23.18	107.65%	0.111	0.119	-

LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	49	Bottom side	10	27710	2310	21	20.82	104.23%	0.481	0.501	-
						Bottom side	10	27710	2310	21	20.91	102.09%	0.495	0.505	-
						Front side	10	27710	2310	21	20.98	100.46%	0.421	0.423	-
						Back side	10	27710	2310	21	20.98	100.46%	0.433	0.435	-
						Top side	10	27710	2310	21	20.98	100.46%	0.006	0.006	-
						Bottom side	10	27710	2310	21	20.98	100.46%	0.564	0.567	53
						Right side	10	27710	2310	21	20.98	100.46%	0.043	0.043	-
						Left side	10	27710	2310	21	20.98	100.46%	0.293	0.294	-
						Front side	10	27710	2310	20	19.88	102.80%	0.341	0.351	-
						Back side	10	27710	2310	20	19.88	102.80%	0.362	0.372	-
						Top side	10	27710	2310	20	19.88	102.80%	0.002	0.002	-
						Bottom side	10	27710	2310	20	19.88	102.80%	0.456	0.469	-
				25 RB	25	Right side	10	27710	2310	20	19.88	102.80%	0.034	0.035	-
						Left side	10	27710	2310	20	19.88	102.80%	0.221	0.227	-
						Front side	10	27710	2310	20	19.86	103.28%	0.338	0.349	-
						Back side	10	27710	2310	20	19.86	103.28%	0.365	0.377	-
						Top side	10	27710	2310	20	19.86	103.28%	0.004	0.004	-
						Bottom side	10	27710	2310	20	19.86	103.28%	0.451	0.466	-
						Right side	10	27710	2310	20	19.86	103.28%	0.033	0.034	-
						Left side	10	27710	2310	20	19.86	103.28%	0.216	0.223	-
				50 RB		Bottom side	10	27710	2310	20	19.86	103.28%	0.451	0.466	-
						Right side	10	27710	2310	20	19.86	103.28%	0.033	0.034	-
						Left side	10	27710	2310	20	19.86	103.28%	0.216	0.223	-

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Hotspot reduced power

Hotspot_Lower antenna_ normal landscape mode

GPRS850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	32.5	30.83	146.89%	0.352	0.517	-
	Front side	10	190	836.5	32.5	30.95	142.89%	0.451	0.644	-
	Front side	10	251	848.8	32.5	30.91	144.21%	0.504	0.727	54
	Back side	10	190	836.5	32.5	30.95	142.89%	0.402	0.574	-
	Top side	10	190	836.5	32.5	30.95	142.89%	0.001	0.002	-
	Bottom side	10	190	836.5	32.5	30.95	142.89%	0.392	0.560	-
	Right side	10	190	836.5	32.5	30.95	142.89%	0.365	0.522	-
	Left side	10	190	836.5	32.5	30.95	142.89%	0.095	0.135	-

LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	0	Bottom side	10	27710	2310	22.5	20.82	147.23%	0.481	0.708	-
						Bottom side	10	27710	2310	22.5	20.91	144.21%	0.495	0.714	-
					49	Front side	10	27710	2310	22.5	20.98	141.91%	0.421	0.597	-
						Back side	10	27710	2310	22.5	20.98	141.91%	0.433	0.614	-
						Top side	10	27710	2310	22.5	20.98	141.91%	0.006	0.009	-
						Bottom side	10	27710	2310	22.5	20.98	141.91%	0.564	0.800	55
					25 RB	Right side	10	27710	2310	22.5	20.98	141.91%	0.043	0.061	-
						Left side	10	27710	2310	22.5	20.98	141.91%	0.293	0.416	-
						Front side	10	27710	2310	21.5	19.88	145.21%	0.341	0.495	-
						Back side	10	27710	2310	21.5	19.88	145.21%	0.362	0.526	-
						Top side	10	27710	2310	21.5	19.88	145.21%	0.002	0.003	-
						Bottom side	10	27710	2310	21.5	19.88	145.21%	0.456	0.662	-
				50 RB		Right side	10	27710	2310	21.5	19.88	145.21%	0.034	0.050	-
						Left side	10	27710	2310	21.5	19.88	145.21%	0.221	0.321	-
						Front side	10	27710	2310	21.5	19.86	145.88%	0.338	0.493	-
						Back side	10	27710	2310	21.5	19.86	145.88%	0.365	0.532	-
						Top side	10	27710	2310	21.5	19.86	145.88%	0.004	0.006	-
						Bottom side	10	27710	2310	21.5	19.86	145.88%	0.451	0.658	-
						Right side	10	27710	2310	21.5	19.86	145.88%	0.033	0.048	-
						Left side	10	27710	2310	21.5	19.86	145.88%	0.216	0.315	-

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Hotspot reduced power

Hotspot_Lower antenna_gaming mode

GPRS850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Hotspot)	Front side	10	128	824.2	32.0	30.83	130.92%	0.352	0.461	-
	Front side	10	190	836.5	32.0	30.95	127.35%	0.451	0.574	-
	Front side	10	251	848.8	32.0	30.91	128.53%	0.504	0.648	56
	Back side	10	190	836.5	32.0	30.95	127.35%	0.402	0.512	-
	Top side	10	190	836.5	32.0	30.95	127.35%	0.001	0.001	-
	Bottom side	10	190	836.5	32.0	30.95	127.35%	0.392	0.499	-
	Right side	10	190	836.5	32.0	30.95	127.35%	0.365	0.465	-
	Left side	10	190	836.5	32.0	30.95	127.35%	0.095	0.120	-

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	10	4132	826.4	24.0	23.18	120.78%	0.464	0.560	-
	Front side	10	4183	836.6	24.0	23.13	122.18%	0.463	0.566	-
	Front side	10	4233	846.6	24.0	23.09	123.31%	0.517	0.638	57
	Back side	10	4132	826.4	24.0	23.18	120.78%	0.468	0.565	-
	Top side	10	4132	826.4	24.0	23.18	120.78%	0.001	0.002	-
	Bottom side	10	4132	826.4	24.0	23.18	120.78%	0.316	0.382	-
	Right side	10	4132	826.4	24.0	23.18	120.78%	0.156	0.188	-
	Left side	10	4132	826.4	24.0	23.18	120.78%	0.105	0.127	-

LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Hotspot	10MHz	QPSK	1 RB	49	0 Bottom side	10	27710	2310	21.5	20.82	116.95%	0.481	0.563	-
						25 Bottom side	10	27710	2310	21.5	20.91	114.55%	0.495	0.567	-
						Front side	10	27710	2310	21.5	20.98	112.72%	0.421	0.475	-
						Back side	10	27710	2310	21.5	20.98	112.72%	0.433	0.488	-
						Top side	10	27710	2310	21.5	20.98	112.72%	0.006	0.007	-
						Bottom side	10	27710	2310	21.5	20.98	112.72%	0.564	0.636	58
						Right side	10	27710	2310	21.5	20.98	112.72%	0.043	0.049	-
						Left side	10	27710	2310	21.5	20.98	112.72%	0.293	0.330	-
				25 RB	25	Front side	10	27710	2310	20.5	19.88	115.35%	0.341	0.393	-
						Back side	10	27710	2310	20.5	19.88	115.35%	0.362	0.418	-
						Top side	10	27710	2310	20.5	19.88	115.35%	0.002	0.002	-
						Bottom side	10	27710	2310	20.5	19.88	115.35%	0.456	0.526	-
						Right side	10	27710	2310	20.5	19.88	115.35%	0.034	0.039	-
						Left side	10	27710	2310	20.5	19.88	115.35%	0.221	0.255	-
				50 RB		Front side	10	27710	2310	20.5	19.86	115.88%	0.338	0.392	-
						Back side	10	27710	2310	20.5	19.86	115.88%	0.365	0.423	-
						Top side	10	27710	2310	20.5	19.86	115.88%	0.004	0.005	-
						Bottom side	10	27710	2310	20.5	19.86	115.88%	0.451	0.523	-
						Right side	10	27710	2310	20.5	19.86	115.88%	0.033	0.038	-
						Left side	10	27710	2310	20.5	19.86	115.88%	0.216	0.250	-

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Inter-band

Head_Upper antenna_without WLAN

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	23060	704	21.5	21.30	104.71%	0.345	0.361	59
						RE Cheek	-	23095	707.5	21.5	21.38	102.80%	0.331	0.340	-
						RE Cheek	-	23130	711	21.5	21.46	100.93%	0.312	0.315	-
						RE Tilt	-	23130	711	21.5	21.46	100.93%	0.235	0.237	-
						LE Cheek	-	23130	711	21.5	21.46	100.93%	0.267	0.269	-
						LE Tilt	-	23130	711	21.5	21.46	100.93%	0.172	0.174	-
				25 RB	25	RE Cheek	-	23095	707.5	20.5	20.44	101.39%	0.232	0.235	-
						RE Tilt	-	23095	707.5	20.5	20.44	101.39%	0.156	0.158	-
						LE Cheek	-	23095	707.5	20.5	20.44	101.39%	0.187	0.190	-
						LE Tilt	-	23095	707.5	20.5	20.44	101.39%	0.142	0.144	-
				50 RB		RE Cheek	-	23060	704	20.5	20.41	102.09%	0.221	0.226	-
						RE Tilt	-	23060	704	20.5	20.41	102.09%	0.167	0.170	-
						LE Cheek	-	23060	704	20.5	20.41	102.09%	0.181	0.185	-
						LE Tilt	-	23060	704	20.5	20.41	102.09%	0.132	0.135	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	21.5	21.46	100.93%	0.511	0.516	60
						RE Cheek	-	26865	831.5	21.5	21.39	102.57%	0.502	0.515	-
						RE Cheek	-	26965	841.5	21.5	21.33	103.99%	0.482	0.501	-
						RE Tilt	-	26765	821.5	21.5	21.46	100.93%	0.321	0.324	-
						LE Cheek	-	26765	821.5	21.5	21.46	100.93%	0.366	0.369	-
						LE Tilt	-	26765	821.5	21.5	21.46	100.93%	0.309	0.312	-
				36 RB	18	RE Cheek	-	26765	821.5	20.5	20.48	100.46%	0.367	0.369	-
						RE Tilt	-	26765	821.5	20.5	20.48	100.46%	0.242	0.243	-
						LE Cheek	-	26765	821.5	20.5	20.48	100.46%	0.302	0.303	-
						LE Tilt	-	26765	821.5	20.5	20.48	100.46%	0.242	0.243	-
				75 RB		RE Cheek	-	26765	821.5	20.5	20.36	103.28%	0.372	0.384	-
						RE Tilt	-	26765	821.5	20.5	20.36	103.28%	0.263	0.272	-
						LE Cheek	-	26765	821.5	20.5	20.36	103.28%	0.301	0.311	-
						LE Tilt	-	26765	821.5	20.5	20.36	103.28%	0.242	0.250	-

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Hotspot_Upper antenna

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23060	704	21.5	21.30	104.71%	0.087	0.091	65
						Front side	10	23095	707.5	21.5	21.38	102.80%	0.083	0.086	-
						Front side	10	23130	711	21.5	21.46	100.93%	0.075	0.075	-
						Back side	10	23130	711	21.5	21.46	100.93%	0.070	0.071	-
						Top side	10	23130	711	21.5	21.46	100.93%	0.062	0.062	-
						Bottom side	10	23130	711	21.5	21.46	100.93%	0.001	0.001	-
						Right side	10	23130	711	21.5	21.46	100.93%	0.051	0.052	-
						Left side	10	23130	711	21.5	21.46	100.93%	0.004	0.004	-
				25 RB	25	Front side	10	23095	707.5	20.5	20.44	101.39%	0.083	0.084	-
						Back side	10	23095	707.5	20.5	20.44	101.39%	0.065	0.066	-
						Top side	10	23095	707.5	20.5	20.44	101.39%	0.057	0.058	-
						Bottom side	10	23095	707.5	20.5	20.44	101.39%	0.001	0.001	-
						Right side	10	23095	707.5	20.5	20.44	101.39%	0.045	0.046	-
						Left side	10	23095	707.5	20.5	20.44	101.39%	0.003	0.003	-
						Front side	10	23060	704	20.5	20.41	102.09%	0.081	0.083	-
						Back side	10	23060	704	20.5	20.41	102.09%	0.061	0.062	-
				50 RB		Top side	10	23060	704	20.5	20.41	102.09%	0.052	0.053	-
						Bottom side	10	23060	704	20.5	20.41	102.09%	0.001	0.001	-
						Right side	10	23060	704	20.5	20.41	102.09%	0.051	0.052	-
						Left side	10	23060	704	20.5	20.41	102.09%	0.003	0.003	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	26765	821.5	21.5	21.46	100.93%	0.161	0.162	66
						Front side	10	26865	831.5	21.5	21.39	102.57%	0.152	0.156	-
						Front side	10	26965	841.5	21.5	21.33	103.99%	0.144	0.150	-
						Back side	10	26765	821.5	21.5	21.46	100.93%	0.122	0.123	-
						Top side	10	26765	821.5	21.5	21.46	100.93%	0.101	0.102	-
						Bottom side	10	26765	821.5	21.5	21.46	100.93%	0.001	0.001	-
						Right side	10	26765	821.5	21.5	21.46	100.93%	0.065	0.066	-
						Left side	10	26765	821.5	21.5	21.46	100.93%	0.051	0.052	-
				36 RB	18	Front side	10	26765	821.5	20.5	20.48	100.46%	0.102	0.102	-
						Back side	10	26765	821.5	20.5	20.48	100.46%	0.098	0.099	-
						Top side	10	26765	821.5	20.5	20.48	100.46%	0.094	0.095	-
						Bottom side	10	26765	821.5	20.5	20.48	100.46%	0.001	0.001	-
						Right side	10	26765	821.5	20.5	20.48	100.46%	0.060	0.060	-
						Left side	10	26765	821.5	20.5	20.48	100.46%	0.043	0.043	-
						Front side	10	26765	821.5	20.5	20.36	103.28%	0.098	0.101	-
						Back side	10	26765	821.5	20.5	20.36	103.28%	0.063	0.065	-
				75 RB		Top side	10	26765	821.5	20.5	20.36	103.28%	0.075	0.078	-
						Bottom side	10	26765	821.5	20.5	20.36	103.28%	0.001	0.001	-
						Right side	10	26765	821.5	20.5	20.36	103.28%	0.061	0.063	-
						Left side	10	26765	821.5	20.5	20.36	103.28%	0.038	0.039	-

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Hotspot_Lower antenna

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	23060	704	21.5	21.30	104.71%	0.142	0.149	67
						Front side	10	23095	707.5	21.5	21.38	102.80%	0.132	0.136	-
						Front side	10	23130	711	21.5	21.46	100.93%	0.137	0.138	-
						Back side	10	23130	711	21.5	21.46	100.93%	0.121	0.122	-
						Top side	10	23130	711	21.5	21.46	100.93%	0.001	0.001	-
						Bottom side	10	23130	711	21.5	21.46	100.93%	0.112	0.113	-
						Right side	10	23130	711	21.5	21.46	100.93%	0.002	0.002	-
						Left side	10	23130	711	21.5	21.46	100.93%	0.002	0.002	-
				25 RB	25	Front side	10	23095	707.5	20.5	20.44	101.39%	0.092	0.094	-
						Back side	10	23095	707.5	20.5	20.44	101.39%	0.090	0.091	-
						Top side	10	23095	707.5	20.5	20.44	101.39%	0.001	0.001	-
						Bottom side	10	23095	707.5	20.5	20.44	101.39%	0.081	0.082	-
						Right side	10	23095	707.5	20.5	20.44	101.39%	0.002	0.002	-
						Left side	10	23095	707.5	20.5	20.44	101.39%	0.002	0.002	-
						Front side	10	23060	704	20.5	20.41	102.09%	0.091	0.093	-
						Back side	10	23060	704	20.5	20.41	102.09%	0.088	0.089	-
				50 RB		Top side	10	23060	704	20.5	20.41	102.09%	0.001	0.001	-
						Bottom side	10	23060	704	20.5	20.41	102.09%	0.082	0.084	-
						Right side	10	23060	704	20.5	20.41	102.09%	0.002	0.002	-
						Left side	10	23060	704	20.5	20.41	102.09%	0.002	0.002	-

LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	26140	1860	19	18.96	100.93%	0.271	0.274	-
						Back side	10	26140	1860	19	18.96	100.93%	0.300	0.303	-
						Top side	10	26140	1860	19	18.96	100.93%	0.001	0.001	-
						Bottom side	10	26140	1860	19	18.96	100.93%	0.589	0.594	-
						Bottom side	10	26365	1882.5	19	18.77	105.44%	0.678	0.715	-
						Bottom side	10	26590	1905	19	18.88	102.80%	0.721	0.741	68
						Right side	10	26140	1860	19	18.96	100.93%	0.006	0.006	-
						Left side	10	26140	1860	19	18.96	100.93%	0.142	0.143	-
				50 RB	0	Front side	10	26140	1860	18	17.92	101.86%	0.205	0.209	-
						Back side	10	26140	1860	18	17.92	101.86%	0.218	0.222	-
						Top side	10	26140	1860	18	17.92	101.86%	0.001	0.001	-
						Bottom side	10	26140	1860	18	17.92	101.86%	0.502	0.511	-
						Right side	10	26140	1860	18	17.92	101.86%	0.003	0.003	-
						Left side	10	26140	1860	18	17.92	101.86%	0.092	0.094	-
						Front side	10	26365	1882.5	18	17.82	104.23%	0.201	0.210	-
						Back side	10	26365	1882.5	18	17.82	104.23%	0.212	0.221	-
				100 RB		Top side	10	26365	1882.5	18	17.82	104.23%	0.001	0.001	-
						Bottom side	10	26365	1882.5	18	17.82	104.23%	0.522	0.544	-
						Right side	10	26365	1882.5	18	17.82	104.23%	0.002	0.002	-
						Left side	10	26365	1882.5	18	17.82	104.23%	0.088	0.091	-

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LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Hotspot	15MHz	QPSK	1 RB	0	Front side	10	26765	821.5	21.5	21.46	100.93%	0.249	0.251	69
						Front side	10	26865	831.5	21.5	21.39	102.57%	0.231	0.237	-
						Front side	10	26965	841.5	21.5	21.33	103.99%	0.232	0.241	-
						Back side	10	26765	821.5	21.5	21.46	100.93%	0.231	0.233	-
						Top side	10	26765	821.5	21.5	21.46	100.93%	0.003	0.003	-
						Bottom side	10	26765	821.5	21.5	21.46	100.93%	0.212	0.214	-
						Right side	10	26765	821.5	21.5	21.46	100.93%	0.162	0.163	-
						Left side	10	26765	821.5	21.5	21.46	100.93%	0.037	0.038	-
				36 RB	18	Front side	10	26765	821.5	20.5	20.48	100.46%	0.188	0.189	-
						Back side	10	26765	821.5	20.5	20.48	100.46%	0.182	0.183	-
						Top side	10	26765	821.5	20.5	20.48	100.46%	0.002	0.002	-
						Bottom side	10	26765	821.5	20.5	20.48	100.46%	0.161	0.162	-
						Right side	10	26765	821.5	20.5	20.48	100.46%	0.132	0.133	-
						Left side	10	26765	821.5	20.5	20.48	100.46%	0.027	0.027	-
						Front side	10	26765	821.5	20.5	20.36	103.28%	0.172	0.178	-
						Back side	10	26765	821.5	20.5	20.36	103.28%	0.165	0.170	-
				75 RB		Top side	10	26765	821.5	20.5	20.36	103.28%	0.002	0.002	-
						Bottom side	10	26765	821.5	20.5	20.36	103.28%	0.154	0.159	-
						Right side	10	26765	821.5	20.5	20.36	103.28%	0.122	0.126	-
						Left side	10	26765	821.5	20.5	20.36	103.28%	0.024	0.025	-

LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	132322	1745	20	19.97	100.69%	0.172	0.173	-
						Back side	10	132322	1745	20	19.97	100.69%	0.245	0.247	-
						Top side	10	132322	1745	20	19.97	100.69%	0.004	0.004	-
						Bottom side	10	132072	1720	20	19.91	102.09%	0.602	0.615	-
						Bottom side	10	132322	1745	20	19.97	100.69%	0.658	0.663	-
						Bottom side	10	132572	1770	20	19.93	101.62%	0.722	0.734	70
						Right side	10	132322	1745	20	19.97	100.69%	0.051	0.052	-
						Left side	10	132322	1745	20	19.97	100.69%	0.091	0.092	-
				50 RB	25	Front side	10	132572	1770	19	18.92	101.86%	0.135	0.138	-
						Back side	10	132572	1770	19	18.92	101.86%	0.186	0.189	-
						Top side	10	132572	1770	19	18.92	101.86%	0.002	0.002	-
						Bottom side	10	132572	1770	19	18.92	101.86%	0.543	0.553	-
						Right side	10	132572	1770	19	18.92	101.86%	0.037	0.038	-
						Left side	10	132572	1770	19	18.92	101.86%	0.069	0.070	-
						Front side	10	132072	1720	19	18.87	103.04%	0.123	0.127	-
						Back side	10	132072	1720	19	18.87	103.04%	0.171	0.176	-
				100 RB		Top side	10	132072	1720	19	18.87	103.04%	0.002	0.002	-
						Bottom side	10	132072	1720	19	18.87	103.04%	0.532	0.548	-
						Right side	10	132072	1720	19	18.87	103.04%	0.034	0.035	-
						Left side	10	132072	1720	19	18.87	103.04%	0.066	0.068	-

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Head_Upper antenna_reduced power

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Head	15MHz	QPSK	1 RB	0	RE Cheek	-	26765	821.5	20.5	20.46	100.93%	0.403	0.407	71
						RE Cheek	-	26865	831.5	20.5	20.39	102.57%	0.378	0.388	-
						RE Cheek	-	26965	841.5	20.5	20.33	103.99%	0.365	0.380	-
						RE Tilt	-	26765	821.5	20.5	20.46	100.93%	0.252	0.254	-
						LE Cheek	-	26765	821.5	20.5	20.46	100.93%	0.292	0.295	-
				36 RB	18	LE Tilt	-	26765	821.5	20.5	20.46	100.93%	0.222	0.224	-
						RE Cheek	-	26765	821.5	19.5	19.46	100.93%	0.291	0.294	-
						RE Tilt	-	26765	821.5	19.5	19.46	100.93%	0.192	0.194	-
						LE Cheek	-	26765	821.5	19.5	19.46	100.93%	0.241	0.243	-
						LE Tilt	-	26765	821.5	19.5	19.46	100.93%	0.145	0.146	-
				75 RB		RE Cheek	-	26765	821.5	19.5	19.36	103.28%	0.303	0.313	-
						RE Tilt	-	26765	821.5	19.5	19.36	103.28%	0.212	0.219	-
						LE Cheek	-	26765	821.5	19.5	19.36	103.28%	0.243	0.251	-
						LE Tilt	-	26765	821.5	19.5	19.36	103.28%	0.192	0.198	-

ENDC-LTE_without WLAN

Head_Upper antenna

LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	20450	829	21.5	21.47	100.69%	0.510	0.514	72
						RE Cheek	-	20525	836.5	21.5	21.39	102.57%	0.492	0.505	-
						RE Cheek	-	20600	844	21.5	21.32	104.23%	0.466	0.486	-
						RE Tilt	-	20450	829	21.5	21.47	100.69%	0.311	0.313	-
						LE Cheek	-	20450	829	21.5	21.47	100.69%	0.364	0.367	-
				25 RB	12	LE Tilt	-	20450	829	21.5	21.47	100.69%	0.306	0.308	-
						RE Cheek	-	20450	829	20.5	20.29	104.95%	0.401	0.421	-
						RE Tilt	-	20450	829	20.5	20.29	104.95%	0.244	0.256	-
						LE Cheek	-	20450	829	20.5	20.29	104.95%	0.271	0.284	-
						LE Tilt	-	20450	829	20.5	20.29	104.95%	0.244	0.256	-
				50 RB		RE Cheek	-	20450	829	20.5	20.45	101.16%	0.405	0.410	-
						RE Tilt	-	20450	829	20.5	20.45	101.16%	0.246	0.249	-
						LE Cheek	-	20450	829	20.5	20.45	101.16%	0.287	0.290	-
						LE Tilt	-	20450	829	20.5	20.45	101.16%	0.239	0.242	-

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Head_Lower antenna

LTE FDD Band 2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	18700	1860	21	20.90	102.33%	0.092	0.094	-
						RE Tilt	-	18700	1860	21	20.90	102.33%	0.056	0.057	-
						LE Cheek	-	18700	1860	21	20.90	102.33%	0.110	0.113	-
						LE Cheek	-	18900	1880	21	20.79	104.95%	0.117	0.123	-
						LE Cheek	-	19100	1900	21	20.61	109.40%	0.131	0.143	73
						LE Tilt	-	18700	1860	21	20.90	102.33%	0.066	0.067	-
				50 RB	0	RE Cheek	-	18700	1860	20	19.91	102.09%	0.068	0.070	-
						RE Tilt	-	18700	1860	20	19.91	102.09%	0.043	0.044	-
						LE Cheek	-	18700	1860	20	19.91	102.09%	0.083	0.084	-
						LE Tilt	-	18700	1860	20	19.91	102.09%	0.041	0.042	-
						RE Cheek	-	18900	1880	20	19.85	103.51%	0.045	0.046	-
						RE Tilt	-	18900	1880	20	19.85	103.51%	0.037	0.038	-
				100 RB		LE Cheek	-	18900	1880	20	19.85	103.51%	0.074	0.076	-
						LE Tilt	-	18900	1880	20	19.85	103.51%	0.040	0.041	-

ENDC-LTE_with WLAN

Head_Upper antenna_ENDC with WLAN calling

LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Head	10MHz	QPSK	1 RB	0	RE Cheek	-	20450	829	20	19.95	101.16%	0.354	0.358	75
						RE Cheek	-	20525	836.5	20	19.94	101.39%	0.335	0.340	-
						RE Cheek	-	20600	844	20	19.91	102.09%	0.321	0.328	-
						RE Tilt	-	20450	829	20	19.95	101.16%	0.229	0.232	-
						LE Cheek	-	20450	829	20	19.95	101.16%	0.245	0.248	-
						LE Tilt	-	20450	829	20	19.95	101.16%	0.217	0.220	-
				25 RB	12	RE Cheek	-	20450	829	19	18.96	100.93%	0.278	0.281	-
						RE Tilt	-	20450	829	19	18.96	100.93%	0.178	0.180	-
						LE Cheek	-	20450	829	19	18.96	100.93%	0.189	0.191	-
						LE Tilt	-	20450	829	19	18.96	100.93%	0.169	0.171	-
						RE Cheek	-	20450	829	19	18.95	101.16%	0.283	0.286	-
						RE Tilt	-	20450	829	19	18.95	101.16%	0.168	0.170	-
				50 RB		LE Cheek	-	20450	829	19	18.95	101.16%	0.183	0.185	-
						LE Tilt	-	20450	829	19	18.95	101.16%	0.161	0.163	-

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Head_Lower antenna_ENDC with WLAN calling

LTE FDD Band 2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Head	20MHz	QPSK	1 RB	0	RE Cheek	-	18700	1860	18	17.90	102.33%	0.044	0.045	-
						RE Tilt	-	18700	1860	18	17.90	102.33%	0.028	0.029	-
						LE Cheek	-	18700	1860	18	17.90	102.33%	0.053	0.055	-
						LE Cheek	-	18900	1880	18	17.68	107.65%	0.059	0.064	-
						LE Cheek	-	19100	1900	18	17.66	108.14%	0.066	0.071	77
						LE Tilt	-	18700	1860	18	17.90	102.33%	0.031	0.032	-
				50 RB	12	RE Cheek	-	18700	1860	17	16.84	103.75%	0.038	0.040	-
						RE Tilt	-	18700	1860	17	16.84	103.75%	0.022	0.023	-
						LE Cheek	-	18700	1860	17	16.84	103.75%	0.041	0.043	-
						LE Tilt	-	18700	1860	17	16.84	103.75%	0.025	0.026	-
				100 RB		RE Cheek	-	18900	1880	17	16.80	104.71%	0.033	0.035	-
						RE Tilt	-	18900	1880	17	16.80	104.71%	0.020	0.021	-
						LE Cheek	-	18900	1880	17	16.80	104.71%	0.038	0.040	-
						LE Tilt	-	18900	1880	17	16.80	104.71%	0.022	0.023	-

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Hotspot_Lower antenna_ENDC with WLAN calling/gaming mode

LTE FDD Band 2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	18700	1860	18	17.90	102.33%	0.214	0.219	-
						Back side	10	18700	1860	18	17.90	102.33%	0.224	0.229	-
						Top side	10	18700	1860	18	17.90	102.33%	0.001	0.001	-
						Bottom side	10	18700	1860	18	17.90	102.33%	0.453	0.464	-
						Bottom side	10	18900	1880	18	17.68	107.65%	0.501	0.539	-
						Bottom side	10	19100	1900	18	17.66	108.14%	0.532	0.575	83
				50 RB	0	Right side	10	18700	1860	18	17.90	102.33%	0.005	0.005	-
						Left side	10	18700	1860	18	17.90	102.33%	0.107	0.109	-
						Front side	10	18700	1860	17	16.84	103.75%	0.163	0.169	-
						Back side	10	18700	1860	17	16.84	103.75%	0.173	0.179	-
						Top side	10	18700	1860	17	16.84	103.75%	0.001	0.001	-
						Bottom side	10	18700	1860	17	16.84	103.75%	0.337	0.350	-
				100 RB	0	Right side	10	18700	1860	17	16.84	103.75%	0.004	0.004	-
						Left side	10	18700	1860	17	16.84	103.75%	0.082	0.085	-
						Front side	10	18900	1880	17	16.80	104.71%	0.154	0.161	-
						Back side	10	18900	1880	17	16.80	104.71%	0.163	0.171	-
						Top side	10	18900	1880	17	16.80	104.71%	0.001	0.001	-
						Bottom side	10	18900	1880	17	16.80	104.71%	0.334	0.350	-
						Right side	10	18900	1880	17	16.80	104.71%	0.003	0.003	-
						Left side	10	18900	1880	17	16.80	104.71%	0.079	0.083	-

LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	21	20.96	100.93%	0.206	0.208	84
						Front side	10	20525	836.5	21	20.93	101.62%	0.201	0.204	-
						Front side	10	20600	844	21	20.95	101.16%	0.193	0.195	-
						Back side	10	20450	829	21	20.96	100.93%	0.201	0.203	-
						Top side	10	20450	829	21	20.96	100.93%	0.002	0.002	-
						Bottom side	10	20450	829	21	20.96	100.93%	0.184	0.186	-
				25 RB	12	Right side	10	20450	829	21	20.96	100.93%	0.145	0.146	-
						Left side	10	20450	829	21	20.96	100.93%	0.031	0.031	-
						Front side	10	20450	829	20	19.95	101.16%	0.154	0.156	-
						Back side	10	20450	829	20	19.95	101.16%	0.143	0.145	-
						Top side	10	20450	829	20	19.95	101.16%	0.002	0.002	-
						Bottom side	10	20450	829	20	19.95	101.16%	0.143	0.145	-
				50 RB	12	Right side	10	20450	829	20	19.95	101.16%	0.111	0.112	-
						Left side	10	20450	829	20	19.95	101.16%	0.024	0.024	-
						Front side	10	20450	829	20	19.89	102.57%	0.148	0.152	-
						Back side	10	20450	829	20	19.89	102.57%	0.138	0.142	-
						Top side	10	20450	829	20	19.89	102.57%	0.002	0.002	-
						Bottom side	10	20450	829	20	19.89	102.57%	0.131	0.134	-
						Right side	10	20450	829	20	19.89	102.57%	0.103	0.106	-
						Left side	10	20450	829	20	19.89	102.57%	0.022	0.023	-

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LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	20	19.99	100.23%	0.148	0.148	-
						Back side	10	41490	2680	20	19.99	100.23%	0.206	0.206	-
						Top side	10	41490	2680	20	19.99	100.23%	0.001	0.001	-
						Bottom side	10	39750	2506	20	19.94	101.39%	0.229	0.232	-
						Bottom side	10	40185	2549.5	20	19.91	102.09%	0.210	0.214	-
						Bottom side	10	40620	2593	20	19.98	100.46%	0.225	0.226	-
						Bottom side	10	41055	2636.5	20	19.92	101.86%	0.231	0.235	-
						Bottom side	10	41490	2680	20	19.99	100.23%	0.266	0.267	87
						Right side	10	41490	2680	20	19.99	100.23%	0.002	0.002	-
						Left side	10	41490	2680	20	19.99	100.23%	0.106	0.106	-
						Front side	10	41490	2680	19	18.99	100.23%	0.113	0.113	-
						Back side	10	41490	2680	19	18.99	100.23%	0.157	0.157	-
				50 RB	0	Top side	10	41490	2680	19	18.99	100.23%	0.001	0.001	-
						Bottom side	10	41490	2680	19	18.99	100.23%	0.201	0.201	-
						Right side	10	41490	2680	19	18.99	100.23%	0.002	0.002	-
						Left side	10	41490	2680	19	18.99	100.23%	0.082	0.082	-
						Front side	10	39750	2506	19	18.99	100.23%	0.109	0.109	-
						Back side	10	39750	2506	19	18.99	100.23%	0.143	0.143	-
				100 RB		Top side	10	39750	2506	19	18.99	100.23%	0.001	0.001	-
						Bottom side	10	39750	2506	19	18.99	100.23%	0.193	0.193	-
						Right side	10	39750	2506	19	18.99	100.23%	0.001	0.001	-
						Left side	10	39750	2506	19	18.99	100.23%	0.078	0.078	-

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Hotspot_Lower antenna_ENDC with WLAN camera mode

LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	19.5	19.41	102.09%	0.148	0.151	89
						Front side	10	20525	836.5	19.5	19.36	103.28%	0.137	0.141	-
						Front side	10	20600	844	19.5	19.39	102.57%	0.129	0.132	-
						Back side	10	20450	829	19.5	19.41	102.09%	0.142	0.145	-
						Top side	10	20450	829	19.5	19.41	102.09%	0.002	0.002	-
						Bottom side	10	20450	829	19.5	19.41	102.09%	0.129	0.132	-
						Right side	10	20450	829	19.5	19.41	102.09%	0.105	0.107	-
						Left side	10	20450	829	19.5	19.41	102.09%	0.021	0.022	-
				25 RB	12	Front side	10	20450	829	18.5	18.46	100.93%	0.112	0.113	-
						Back side	10	20450	829	18.5	18.46	100.93%	0.105	0.106	-
						Top side	10	20450	829	18.5	18.46	100.93%	0.001	0.001	-
						Bottom side	10	20450	829	18.5	18.46	100.93%	0.099	0.100	-
						Right side	10	20450	829	18.5	18.46	100.93%	0.082	0.083	-
						Left side	10	20450	829	18.5	18.46	100.93%	0.016	0.016	-
				50 RB		Front side	10	20450	829	18.5	18.46	100.93%	0.107	0.108	-
						Back side	10	20450	829	18.5	18.46	100.93%	0.096	0.097	-
						Top side	10	20450	829	18.5	18.46	100.93%	0.001	0.001	-
						Bottom side	10	20450	829	18.5	18.46	100.93%	0.096	0.097	-
						Right side	10	20450	829	18.5	18.46	100.93%	0.081	0.082	-
						Left side	10	20450	829	18.5	18.46	100.93%	0.015	0.015	-

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LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	19	18.92	101.86%	0.122	0.124	-
						Back side	10	41490	2680	19	18.92	101.86%	0.161	0.164	-
						Top side	10	41490	2680	19	18.92	101.86%	0.001	0.001	-
						Bottom side	10	39750	2506	19	18.87	103.04%	0.183	0.189	-
						Bottom side	10	40185	2549.5	19	18.81	104.47%	0.173	0.181	-
						Bottom side	10	40620	2593	19	18.89	102.57%	0.181	0.186	-
						Bottom side	10	41055	2636.5	19	18.88	102.80%	0.186	0.191	-
						Bottom side	10	41490	2680	19	18.92	101.86%	0.209	0.213	93
						Right side	10	41490	2680	19	18.92	101.86%	0.001	0.001	-
						Left side	10	41490	2680	19	18.92	101.86%	0.086	0.087	-
						Front side	10	41490	2680	18	17.88	102.80%	0.094	0.097	-
						Back side	10	41490	2680	18	17.88	102.80%	0.119	0.122	-
				50 RB	0	Top side	10	41490	2680	18	17.88	102.80%	0.001	0.001	-
						Bottom side	10	41490	2680	18	17.88	102.80%	0.163	0.168	-
						Right side	10	41490	2680	18	17.88	102.80%	0.001	0.001	-
						Left side	10	41490	2680	18	17.88	102.80%	0.066	0.068	-
						Front side	10	39750	2506	18	17.82	104.23%	0.092	0.096	-
						Back side	10	39750	2506	18	17.82	104.23%	0.101	0.105	-
				100 RB		Top side	10	39750	2506	18	17.82	104.23%	0.001	0.001	-
						Bottom side	10	39750	2506	18	17.82	104.23%	0.154	0.161	-
						Right side	10	39750	2506	18	17.82	104.23%	0.001	0.001	-
						Left side	10	39750	2506	18	17.82	104.23%	0.063	0.065	-

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Hotspot_Lower antenna_ENDC with WLAN normal mode

LTE FDD Band 5

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 5	Hotspot	10MHz	QPSK	1 RB	0	Front side	10	20450	829	20.5	20.48	100.46%	0.189	0.190	94
						Front side	10	20525	836.5	20.5	20.45	101.16%	0.183	0.185	-
						Front side	10	20600	844	20.5	20.41	102.09%	0.177	0.181	-
						Back side	10	20450	829	20.5	20.48	100.46%	0.182	0.183	-
						Top side	10	20450	829	20.5	20.48	100.46%	0.002	0.002	-
						Bottom side	10	20450	829	20.5	20.48	100.46%	0.166	0.167	-
						Right side	10	20450	829	20.5	20.48	100.46%	0.131	0.132	-
						Left side	10	20450	829	20.5	20.48	100.46%	0.028	0.028	-
				25 RB	12	Front side	10	20450	829	19.5	19.48	100.46%	0.151	0.152	-
						Back side	10	20450	829	19.5	19.48	100.46%	0.143	0.144	-
						Top side	10	20450	829	19.5	19.48	100.46%	0.002	0.002	-
						Bottom side	10	20450	829	19.5	19.48	100.46%	0.128	0.129	-
						Right side	10	20450	829	19.5	19.48	100.46%	0.099	0.100	-
						Left side	10	20450	829	19.5	19.48	100.46%	0.022	0.022	-
						Front side	10	20450	829	19.5	19.48	100.46%	0.154	0.155	-
						Back side	10	20450	829	19.5	19.48	100.46%	0.137	0.138	-
				50 RB		Top side	10	20450	829	19.5	19.48	100.46%	0.002	0.002	-
						Bottom side	10	20450	829	19.5	19.48	100.46%	0.104	0.104	-
						Right side	10	20450	829	19.5	19.48	100.46%	0.093	0.094	-
						Left side	10	20450	829	19.5	19.48	100.46%	0.018	0.018	-

LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Hotspot	20MHz	QPSK	1 RB	0	Front side	10	41490	2680	20.5	20.46	100.93%	0.169	0.171	-
						Back side	10	41490	2680	20.5	20.46	100.93%	0.233	0.235	-
						Top side	10	41490	2680	20.5	20.46	100.93%	0.001	0.001	-
						Bottom side	10	39750	2506	20.5	20.39	102.57%	0.252	0.258	-
						Bottom side	10	40185	2549.5	20.5	20.40	102.33%	0.241	0.247	-
						Bottom side	10	40620	2593	20.5	20.30	104.71%	0.249	0.261	-
						Bottom side	10	41055	2636.5	20.5	20.34	103.75%	0.256	0.266	-
						Bottom side	10	41490	2680	20.5	20.46	100.93%	0.293	0.296	95
				50 RB	0	Right side	10	41490	2680	20.5	20.46	100.93%	0.002	0.002	-
						Left side	10	41490	2680	20.5	20.46	100.93%	0.122	0.123	-
						Front side	10	41490	2680	19.5	19.30	104.71%	0.126	0.132	-
						Back side	10	41490	2680	19.5	19.30	104.71%	0.168	0.176	-
						Top side	10	41490	2680	19.5	19.30	104.71%	0.001	0.001	-
						Bottom side	10	41490	2680	19.5	19.30	104.71%	0.221	0.231	-
						Right side	10	41490	2680	19.5	19.30	104.71%	0.001	0.002	-
						Left side	10	41490	2680	19.5	19.30	104.71%	0.088	0.092	-
				100 RB		Front side	10	39750	2506	19.5	19.38	102.80%	0.106	0.109	-
						Back side	10	39750	2506	19.5	19.38	102.80%	0.154	0.158	-
						Top side	10	39750	2506	19.5	19.38	102.80%	0.001	0.001	-
						Bottom side	10	39750	2506	19.5	19.38	102.80%	0.198	0.204	-
						Right side	10	39750	2506	19.5	19.38	102.80%	0.001	0.001	-
						Left side	10	39750	2506	19.5	19.38	102.80%	0.079	0.081	-

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5G NR

without WLAN mode

Head_Upper antenna

n41 (without WLAN & ENDC with WLAN calling)

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Head	100MHz	DTF-s QPSK OFDM	1 RB	137	RE Cheek	-	513900	2569.5	25.5	25.04	111.17%	0.044	0.048	96
						RE Cheek	-	509202	2546.01	25.5	25.09	109.90%	0.032	0.035	-
						RE Cheek	-	518598	2592.99	25.5	24.21	134.59%	0.023	0.031	-
						RE Cheek	-	523299	2616.495	25.5	24.40	128.82%	0.011	0.014	-
						RE Cheek	-	528000	2640	25.5	24.52	125.31%	0.030	0.038	-
						RE Tilt	-	509202	2546.01	25.5	25.09	109.90%	0.021	0.023	-
				135 RB	69	LE Cheek	-	509202	2546.01	25.5	25.09	109.90%	0.012	0.013	-
						LE Tilt	-	509202	2546.01	25.5	25.09	109.90%	0.008	0.009	-
						RE Cheek	-	509202	2546.01	25.5	24.99	112.46%	0.012	0.013	-
						RE Tilt	-	509202	2546.01	25.5	24.99	112.46%	0.009	0.010	-
						LE Cheek	-	509202	2546.01	25.5	24.99	112.46%	0.004	0.004	-
						LE Tilt	-	509202	2546.01	25.5	24.99	112.46%	0.001	0.001	-
				270 RB	0	RE Cheek	-	509202	2546.01	24.5	23.94	113.76%	0.022	0.025	-
						RE Tilt	-	509202	2546.01	24.5	23.94	113.76%	0.009	0.010	-
						LE Cheek	-	509202	2546.01	24.5	23.94	113.76%	0.010	0.011	-
						LE Tilt	-	509202	2546.01	24.5	23.94	113.76%	0.003	0.003	-

without WLAN mode

Head_Lower antenna

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Head	100MHz	DTF-s QPSK OFDM	1 RB	137	RE Cheek	-	513900	2569.5	23	22.96	100.93%	0.021	0.021	97
						RE Cheek	-	509202	2546.01	23	22.98	100.46%	0.019	0.019	-
						RE Cheek	-	518598	2592.99	23	22.86	103.28%	0.015	0.016	-
						RE Cheek	-	523299	2616.495	23	22.72	106.66%	0.010	0.010	-
						RE Cheek	-	528000	2640	23	22.84	103.75%	0.009	0.009	-
						RE Tilt	-	509202	2546.01	23	22.98	100.46%	0.010	0.010	-
				135 RB	69	LE Cheek	-	509202	2546.01	23	22.98	100.46%	0.012	0.012	-
						LE Tilt	-	509202	2546.01	23	22.98	100.46%	0.006	0.006	-
						RE Cheek	-	509202	2546.01	23	22.91	102.09%	0.009	0.010	-
						RE Tilt	-	509202	2546.01	23	22.91	102.09%	0.004	0.004	-
						LE Cheek	-	509202	2546.01	23	22.91	102.09%	0.004	0.004	-
						LE Tilt	-	509202	2546.01	23	22.91	102.09%	0.001	0.001	-
				270 RB	0	RE Cheek	-	509202	2546.01	22	21.86	103.28%	0.008	0.008	-
						RE Tilt	-	509202	2546.01	22	21.86	103.28%	0.003	0.003	-
						LE Cheek	-	509202	2546.01	22	21.86	103.28%	0.003	0.003	-
						LE Tilt	-	509202	2546.01	22	21.86	103.28%	0.002	0.002	-

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with WLAN mode

Hotspot_Lower antenna_normal/calling mode

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	21.5	21.33	103.99%	0.682	0.709	-
						Front side	10	509202	2546.01	21.5	21.39	102.57%	0.043	0.045	-
						Back side	10	509202	2546.01	21.5	21.39	102.57%	0.711	0.729	100
						Back side	10	518598	2592.99	21.5	21.31	104.47%	0.605	0.632	-
						Back side	10	523299	2616.495	21.5	21.38	102.80%	0.623	0.640	-
						Back side	10	528000	2640	21.5	21.38	102.80%	0.642	0.660	-
						Top side	10	509202	2546.01	21.5	21.39	102.57%	0.005	0.005	-
						Bottom side	10	509202	2546.01	21.5	21.39	102.57%	0.189	0.194	-
						Right side	10	509202	2546.01	21.5	21.39	102.57%	0.031	0.032	-
						Left side	10	509202	2546.01	21.5	21.39	102.57%	0.082	0.084	-
				135 RB	69	Front side	10	509202	2546.01	21.5	21.41	102.09%	0.038	0.039	-
						Back side	10	509202	2546.01	21.5	21.41	102.09%	0.682	0.696	-
						Top side	10	509202	2546.01	21.5	21.41	102.09%	0.004	0.005	-
						Bottom side	10	509202	2546.01	21.5	21.41	102.09%	0.182	0.186	-
						Right side	10	509202	2546.01	21.5	21.41	102.09%	0.028	0.028	-
						Left side	10	509202	2546.01	21.5	21.41	102.09%	0.072	0.074	-
				270 RB	0	Front side	10	509202	2546.01	20.5	20.43	101.62%	0.023	0.024	-
						Back side	10	509202	2546.01	20.5	20.43	101.62%	0.552	0.561	-
						Top side	10	509202	2546.01	20.5	20.43	101.62%	0.003	0.003	-
						Bottom side	10	509202	2546.01	20.5	20.43	101.62%	0.156	0.159	-
						Right side	10	509202	2546.01	20.5	20.43	101.62%	0.019	0.019	-
						Left side	10	509202	2546.01	20.5	20.43	101.62%	0.062	0.063	-

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with WLAN mode

Hotspot_Lower antenna_camera mode

n41 (SA camera + ENDC with calling/normal mode)

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Hotspot	100MHz	DTF-S QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	20	19.93	101.62%	0.425	0.432	-
						Front side	10	509202	2546.01	20	19.95	101.16%	0.031	0.032	-
						Back side	10	509202	2546.01	20	19.95	101.16%	0.501	0.507	101
						Back side	10	518598	2592.99	20	19.81	104.47%	0.421	0.440	-
						Back side	10	523299	2616.495	20	19.68	107.65%	0.458	0.493	-
						Back side	10	528000	2640	20	19.88	102.80%	0.452	0.465	-
						Top side	10	509202	2546.01	20	19.95	101.16%	0.005	0.005	-
						Bottom side	10	509202	2546.01	20	19.95	101.16%	0.132	0.134	-
						Right side	10	509202	2546.01	20	19.95	101.16%	0.025	0.025	-
						Left side	10	509202	2546.01	20	19.95	101.16%	0.058	0.059	-
				135 RB	69	Front side	10	509202	2546.01	20	19.87	103.04%	0.027	0.028	-
						Back side	10	509202	2546.01	20	19.87	103.04%	0.484	0.499	-
						Top side	10	509202	2546.01	20	19.87	103.04%	0.003	0.004	-
						Bottom side	10	509202	2546.01	20	19.87	103.04%	0.127	0.131	-
						Right side	10	509202	2546.01	20	19.87	103.04%	0.022	0.023	-
						Left side	10	509202	2546.01	20	19.87	103.04%	0.053	0.055	-
				270 RB	0	Front side	10	509202	2546.01	19	18.88	102.80%	0.024	0.024	-
						Back side	10	509202	2546.01	19	18.88	102.80%	0.367	0.377	-
						Top side	10	509202	2546.01	19	18.88	102.80%	0.002	0.002	-
						Bottom side	10	509202	2546.01	19	18.88	102.80%	0.104	0.107	-
						Right side	10	509202	2546.01	19	18.88	102.80%	0.014	0.015	-
						Left side	10	509202	2546.01	19	18.88	102.80%	0.045	0.046	-

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with WLAN mode

Hotspot_Lower antenna_gaming mode

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Hotspot	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	10	513900	2569.5	20.5	20.32	104.23%	0.543	0.566	-
						Front side	10	509202	2546.01	20.5	20.48	100.46%	0.032	0.032	-
						Back side	10	509202	2546.01	20.5	20.48	100.46%	0.568	0.571	102
						Back side	10	518598	2592.99	20.5	20.49	100.23%	0.452	0.453	-
						Back side	10	523299	2616.495	20.5	20.38	102.80%	0.502	0.516	-
						Back side	10	528000	2640	20.5	20.35	103.51%	0.512	0.530	-
						Top side	10	509202	2546.01	20.5	20.48	100.46%	0.004	0.004	-
						Bottom side	10	509202	2546.01	20.5	20.48	100.46%	0.153	0.154	-
						Right side	10	509202	2546.01	20.5	20.48	100.46%	0.025	0.025	-
						Left side	10	509202	2546.01	20.5	20.48	100.46%	0.062	0.062	-
				135 RB	69	Front side	10	509202	2546.01	20.5	20.49	100.23%	0.031	0.031	-
						Back side	10	509202	2546.01	20.5	20.49	100.23%	0.523	0.524	-
						Top side	10	509202	2546.01	20.5	20.49	100.23%	0.004	0.004	-
						Bottom side	10	509202	2546.01	20.5	20.49	100.23%	0.151	0.151	-
						Right side	10	509202	2546.01	20.5	20.49	100.23%	0.023	0.023	-
						Left side	10	509202	2546.01	20.5	20.49	100.23%	0.061	0.061	-
				270 RB	0	Front side	10	509202	2546.01	19.5	19.48	100.46%	0.024	0.024	-
						Back side	10	509202	2546.01	19.5	19.48	100.46%	0.429	0.431	-
						Top side	10	509202	2546.01	19.5	19.48	100.46%	0.003	0.003	-
						Bottom side	10	509202	2546.01	19.5	19.48	100.46%	0.118	0.119	-
						Right side	10	509202	2546.01	19.5	19.48	100.46%	0.018	0.018	-
						Left side	10	509202	2546.01	19.5	19.48	100.46%	0.051	0.051	-

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ENDC with WLAN mode

Head_Lower antenna_ENDC with WLAN calling mode

n2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n2	Head	20MHz	DTF-s QPSK OFDM	1 RB	53	RE Cheek	-	372000	1860	18.5	17.46	127.06%	0.023	0.029	-
						RE Cheek	-	376000	1880	18.5	17.48	126.47%	0.028	0.036	103
						RE Cheek	-	380000	1900	18.5	17.41	128.53%	0.020	0.026	-
						RE Tilt	-	376000	1880	18.5	17.48	126.47%	0.015	0.019	-
						LE Cheek	-	376000	1880	18.5	17.48	126.47%	0.022	0.027	-
				50 RB	28	LE Tilt	-	376000	1880	18.5	17.48	126.47%	0.011	0.014	-
						RE Cheek	-	376000	1880	18.5	17.37	129.72%	0.016	0.021	-
						RE Tilt	-	376000	1880	18.5	17.37	129.72%	0.010	0.013	-
						LE Cheek	-	376000	1880	18.5	17.37	129.72%	0.016	0.021	-
						LE Tilt	-	376000	1880	18.5	17.37	129.72%	0.007	0.010	-
				100 RB		RE Cheek	-	380000	1900	17.5	16.31	131.52%	0.010	0.013	-
						RE Tilt	-	380000	1900	17.5	16.31	131.52%	0.008	0.011	-
						LE Cheek	-	380000	1900	17.5	16.31	131.52%	0.010	0.014	-
						LE Tilt	-	380000	1900	17.5	16.31	131.52%	0.005	0.006	-

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Head	100MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	513900	2569.5	20	19.93	101.62%	0.009	0.010	104
						RE Cheek	-	509202	2546.01	20	19.95	101.16%	0.007	0.008	-
						RE Cheek	-	518598	2592.99	20	19.81	104.47%	0.005	0.006	-
						RE Cheek	-	523299	2616.495	20	19.68	107.65%	0.004	0.005	-
						RE Cheek	-	528000	2640	20	19.88	102.80%	0.002	0.002	-
						RE Tilt	-	509202	2546.01	20	19.95	101.16%	0.005	0.005	-
						LE Cheek	-	509202	2546.01	20	19.95	101.16%	0.006	0.006	-
						LE Tilt	-	509202	2546.01	20	19.95	101.16%	0.003	0.003	-
				135 RB	69	RE Cheek	-	509202	2546.01	20	19.87	103.04%	0.006	0.006	-
						RE Tilt	-	509202	2546.01	20	19.87	103.04%	0.003	0.003	-
						LE Cheek	-	509202	2546.01	20	19.87	103.04%	0.005	0.005	-
						LE Tilt	-	509202	2546.01	20	19.87	103.04%	0.002	0.002	-
				270 RB	0	RE Cheek	-	509202	2546.01	19	18.88	102.80%	0.004	0.004	-
						RE Tilt	-	509202	2546.01	19	18.88	102.80%	0.003	0.003	-
						LE Cheek	-	509202	2546.01	19	18.88	102.80%	0.003	0.004	-
						LE Tilt	-	509202	2546.01	19	18.88	102.80%	0.001	0.001	-

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Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n66	Head	40MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	346000	1730	19.5	19.46	100.93%	0.036	0.036	105
						RE Cheek	-	349000	1745	19.5	19.36	103.28%	0.029	0.030	-
						RE Cheek	-	352000	1760	19.5	19.29	104.95%	0.030	0.032	-
						RE Tilt	-	346000	1730	19.5	19.46	100.93%	0.025	0.025	-
						LE Cheek	-	346000	1730	19.5	19.46	100.93%	0.034	0.034	-
				135 RB	56	LE Tilt	-	346000	1730	19.5	19.46	100.93%	0.017	0.017	-
						RE Cheek	-	346000	1730	18.42	19.45	78.89%	0.028	0.022	-
						RE Tilt	-	346000	1730	18.42	19.45	78.89%	0.023	0.018	-
						LE Cheek	-	346000	1730	18.42	19.45	78.89%	0.031	0.025	-
						LE Tilt	-	346000	1730	18.42	19.45	78.89%	0.015	0.012	-
				200 RB	0	RE Cheek	-	349000	1745	18.5	18.42	101.86%	0.021	0.021	-
						RE Tilt	-	349000	1745	18.5	18.42	101.86%	0.015	0.015	-
						LE Cheek	-	349000	1745	18.5	18.42	101.86%	0.023	0.023	-
						LE Tilt	-	349000	1745	18.5	18.42	101.86%	0.010	0.010	-

n71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n71	Head	20MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	134600	673	24.5	23.77	118.30%	0.010	0.012	106
						RE Cheek	-	136100	680.5	24.5	23.70	120.23%	0.007	0.008	-
						RE Cheek	-	137600	688	24.5	23.55	124.45%	0.003	0.004	-
						RE Tilt	-	134600	673	24.5	23.77	118.30%	0.006	0.007	-
						LE Cheek	-	134600	673	24.5	23.77	118.30%	0.007	0.009	-
				50 RB	28	LE Tilt	-	134600	673	24.5	23.77	118.30%	0.003	0.004	-
						RE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.007	0.008	-
						RE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.004	0.005	-
						LE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.005	0.006	-
						LE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.002	0.003	-
				100 RB	0	RE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.005	0.007	-
						RE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.003	0.005	-
						LE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.004	0.007	-
						LE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.002	0.003	-

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Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n71	Hotspot	20MHz	DTF-s QPSK OFDM	1 RB	1	Front side	10	134600	673	24.5	23.77	118.30%	0.026	0.031	110
						Front side	10	136100	680.5	24.5	23.70	120.23%	0.012	0.014	-
						Front side	10	137600	688	24.5	23.55	124.45%	0.015	0.019	-
						Back side	10	134600	673	24.5	23.77	118.30%	0.014	0.017	-
						Top side	10	134600	673	24.5	23.77	118.30%	0.002	0.002	-
						Bottom side	10	134600	673	24.5	23.77	118.30%	0.004	0.005	-
						Right side	10	134600	673	24.5	23.77	118.30%	0.006	0.007	-
						Left side	10	134600	673	24.5	23.77	118.30%	0.003	0.004	-
				50 RB	28	Front side	10	136100	680.5	24.5	23.69	120.50%	0.010	0.012	-
						Back side	10	136100	680.5	24.5	23.69	120.50%	0.009	0.011	-
						Top side	10	136100	680.5	24.5	23.69	120.50%	0.001	0.001	-
						Bottom side	10	136100	680.5	24.5	23.69	120.50%	0.002	0.002	-
						Right side	10	136100	680.5	24.5	23.69	120.50%	0.003	0.004	-
						Left side	10	136100	680.5	24.5	23.69	120.50%	0.001	0.001	-
						Front side	10	136100	680.5	24.5	22.57	155.96%	0.007	0.011	-
						Back side	10	136100	680.5	24.5	22.57	155.96%	0.008	0.013	-
						Top side	10	136100	680.5	24.5	22.57	155.96%	0.001	0.002	-
						Bottom side	10	136100	680.5	24.5	22.57	155.96%	0.001	0.002	-
						Right side	10	136100	680.5	24.5	22.57	155.96%	0.002	0.003	-
						Left side	10	136100	680.5	24.5	22.57	155.96%	0.001	0.002	-

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Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n66	Head	40MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	346000	1730	20.5	20.48	100.46%	0.047	0.047	116
						RE Cheek	-	349000	1745	20.5	20.30	104.71%	0.037	0.039	-
						RE Cheek	-	352000	1760	20.5	20.29	104.95%	0.042	0.044	-
						RE Tilt	-	346000	1730	20.5	20.48	100.46%	0.031	0.031	-
						LE Cheek	-	346000	1730	20.5	20.48	100.46%	0.042	0.042	-
				100 RB	56	LE Tilt	-	346000	1730	20.5	20.48	100.46%	0.023	0.023	-
						RE Cheek	-	346000	1730	20.5	20.46	100.93%	0.036	0.037	-
						RE Tilt	-	346000	1730	20.5	20.46	100.93%	0.023	0.023	-
						LE Cheek	-	346000	1730	20.5	20.46	100.93%	0.028	0.029	-
						LE Tilt	-	346000	1730	20.5	20.46	100.93%	0.017	0.017	-
				200 RB	0	RE Cheek	-	349000	1745	19.5	19.47	100.69%	0.030	0.030	-
						RE Tilt	-	349000	1745	19.5	19.47	100.69%	0.025	0.025	-
						LE Cheek	-	349000	1745	19.5	19.47	100.69%	0.022	0.022	-
						LE Tilt	-	349000	1745	19.5	19.47	100.69%	0.015	0.015	-

n71 (without WLAN & ENDC with WLAN)

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n71	Head	20MHz	DTF-s QPSK OFDM	1 RB	1	RE Cheek	-	134600	673	24.5	23.77	118.30%	0.010	0.012	117
						RE Cheek	-	136100	680.5	24.5	23.70	120.23%	0.007	0.008	-
						RE Cheek	-	137600	688	24.5	23.55	124.45%	0.003	0.004	-
						RE Tilt	-	134600	673	24.5	23.77	118.30%	0.006	0.007	-
						LE Cheek	-	134600	673	24.5	23.77	118.30%	0.007	0.009	-
				50 RB	28	LE Tilt	-	134600	673	24.5	23.77	118.30%	0.003	0.004	-
						RE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.007	0.008	-
						RE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.004	0.005	-
						LE Cheek	-	136100	680.5	24.5	23.69	120.50%	0.005	0.006	-
						LE Tilt	-	136100	680.5	24.5	23.69	120.50%	0.002	0.003	-
				100 RB	0	RE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.005	0.007	-
						RE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.003	0.005	-
						LE Cheek	-	136100	680.5	24.5	22.57	155.96%	0.004	0.007	-
						LE Tilt	-	136100	680.5	24.5	22.57	155.96%	0.002	0.003	-

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WWAN only Body-wron_Upper antenna GSM850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850 (Bodu-wom)	Front side	15	128	824.2	34.0	32.04	157.04%	0.075	0.118	-
	Front side	15	190	836.5	34.0	32.42	143.88%	0.093	0.134	-
	Front side	15	251	848.8	34.0	32.21	151.01%	0.104	0.157	118
	Back side	15	190	836.5	34.0	32.42	143.88%	0.063	0.090	-

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	15	4132	826.4	24.5	23.18	135.52%	0.211	0.286	-
	Front side	15	4183	836.6	24.5	23.13	137.09%	0.218	0.299	119
	Front side	15	4233	846.6	24.5	23.09	138.36%	0.201	0.278	-
	Back side	15	4132	826.4	24.5	23.18	135.52%	0.193	0.262	-

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23060	704	24.5	22.82	147.23%	0.118	0.174	120
						Front side	15	23095	707.5	24.5	22.79	148.25%	0.115	0.170	-
						Front side	15	23130	711	24.5	22.92	143.88%	0.109	0.157	-
						Back side	15	23130	711	24.5	22.92	143.88%	0.098	0.140	-
				25 RB	25	Front side	15	23095	707.5	23.5	21.96	142.56%	0.117	0.167	-
						Back side	15	23095	707.5	23.5	21.96	142.56%	0.097	0.138	-
						Front side	15	23060	704	23.5	21.97	142.23%	0.115	0.164	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.094	0.134	-
				50 RB		Front side	15	23060	704	23.5	21.97	142.23%	0.115	0.164	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.094	0.134	-
						Front side	15	23060	704	23.5	21.97	142.23%	0.115	0.164	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.094	0.134	-

LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23230	782	24.5	23.10	138.04%	0.223	0.308	-
						Front side	15	23230	782	24.5	23.05	139.64%	0.218	0.304	-
						Front side	15	23230	782	24.5	23.40	128.82%	0.244	0.314	121
						Back side	15	23230	782	24.5	23.40	128.82%	0.208	0.268	-
				25 RB	12	Front side	15	23230	782	23.5	22.27	132.74%	0.204	0.271	-
						Back side	15	23230	782	23.5	22.27	132.74%	0.175	0.232	-
						Front side	15	23230	782	23.5	22.16	136.14%	0.178	0.242	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.146	0.199	-
				50 RB		Front side	15	23230	782	23.5	22.16	136.14%	0.178	0.242	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.146	0.199	-
						Front side	15	23230	782	23.5	22.16	136.14%	0.178	0.242	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.146	0.199	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	24.5	23.70	120.23%	0.271	0.326	122
						Front side	15	26865	831.5	24.5	23.53	125.03%	0.255	0.319	-
						Front side	15	26965	841.5	24.5	23.46	127.06%	0.242	0.307	-
						Back side	15	26765	821.5	24.5	23.70	120.23%	0.215	0.258	-
				36 RB	18	Front side	15	26765	821.5	23.5	22.71	119.95%	0.169	0.203	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.200	0.240	-
						Front side	15	26765	821.5	23.5	22.70	120.23%	0.164	0.197	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-
				75 RB		Front side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-
						Front side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-
CA_5B	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	20450	829	24.5	22.99	141.58%	0.224	0.317	-

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LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	133222	673	24.5	23.71	119.95%	0.097	0.116	-
						Front side	15	133297	680.5	24.5	23.70	120.23%	0.086	0.103	-
						Front side	15	133372	688	24.5	23.75	118.85%	0.108	0.128	123
						Back side	15	133372	688	24.5	23.75	118.85%	0.096	0.114	-
				50 RB	0	Front side	15	133222	673	23.5	22.81	117.22%	0.084	0.098	-
						Back side	15	133222	673	23.5	22.81	117.22%	0.081	0.095	-
				100 RB	0	Front side	15	133222	673	23.5	22.79	117.76%	0.083	0.098	-
						Back side	15	133222	673	23.5	22.79	117.76%	0.078	0.092	-
						Front side	15	133222	673	23.5	22.79	117.76%	0.078	0.092	-
						Back side	15	133222	673	23.5	22.79	117.76%	0.078	0.092	-

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Body-wron_Lower antenna

GSM850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 850 (Bodu-worn)	Front side	15	128	824.2	34.0	32.04	157.04%	0.298	0.468	-
	Front side	15	190	836.5	34.0	32.42	143.88%	0.335	0.482	-
	Front side	15	251	848.8	34.0	32.21	151.01%	0.347	0.524	124
	Back side	15	190	836.5	34.0	32.42	143.88%	0.298	0.429	-

GSM1900

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
GSM 1900 (Bodu-worn)	Front side	15	661	1880	31.0	30.50	112.20%	0.223	0.250	-
	Back side	15	512	1850.2	31.0	30.13	122.18%	0.352	0.430	-
	Back side	15	661	1880	31.0	30.50	112.20%	0.398	0.447	125
	Back side	15	810	1909.8	31.0	30.22	119.67%	0.311	0.372	-

WCDMA Band II

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Front side	15	9400	1880	24.5	23.11	137.72%	0.256	0.353	-
	Back side	15	9262	1852.4	24.5	23.09	138.36%	0.312	0.432	-
	Back side	15	9400	1880	24.5	23.11	137.72%	0.330	0.454	126
	Back side	15	9538	1907.6	24.5	23.04	139.96%	0.276	0.386	-

WCDMA Band IV

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Front side	15	1513	1752.6	23.5	22.97	112.98%	0.183	0.207	-
	Back side	15	1312	1712.4	23.5	22.96	113.24%	0.196	0.222	-
	Back side	15	1412	1732.4	23.5	22.93	114.02%	0.230	0.262	-
	Back side	15	1513	1752.6	23.5	22.97	112.98%	0.260	0.294	127

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	15	4132	826.4	24.5	23.18	135.52%	0.145	0.197	-
	Front side	15	4183	836.6	24.5	23.13	137.09%	0.161	0.221	-
	Front side	15	4233	846.6	24.5	23.09	138.36%	0.178	0.246	128
	Back side	15	4132	826.4	24.5	23.18	135.52%	0.121	0.164	-

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LTE FDD Band 7

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Body-worn	20MHz	QPSK	1 RB	99	Front side	15	21350	2560	23.5	22.71	119.95%	0.178	0.214	-
						Back side	15	20850	2510	23.5	22.70	120.23%	0.198	0.238	-
						Back side	15	21100	2535	23.5	22.60	123.03%	0.212	0.261	-
						Back side	15	21350	2560	23.5	22.71	119.95%	0.240	0.288	129
				50 RB	50	Front side	15	21350	2560	22.5	21.71	119.95%	0.133	0.160	-
						Back side	15	21350	2560	22.5	21.71	119.95%	0.180	0.216	-
						Front side	15	21100	2535	22.5	21.68	120.78%	0.118	0.143	-
						Back side	15	21100	2535	22.5	21.68	120.78%	0.167	0.202	-
CA_7C	Body-worn	20MHz	QPSK	1 RB	99	Back side	15	21350	2560	23.5	22.66	121.34%	0.233	0.283	-

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23130	711	24.5	22.92	143.88%	0.075	0.108	-
						Back side	15	23060	704	24.5	22.82	147.23%	0.209	0.308	130
						Back side	15	23095	707.5	24.5	22.79	148.25%	0.156	0.231	-
						Back side	15	23130	711	24.5	22.92	143.88%	0.189	0.272	-
				25 RB	25	Front side	15	23095	707.5	23.5	21.96	142.56%	0.056	0.080	-
						Back side	15	23095	707.5	23.5	21.96	142.56%	0.178	0.254	-
						Front side	15	23060	704	23.5	21.97	142.23%	0.053	0.076	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.198	0.282	-
				50 RB		Front side	15	23130	711	24.5	22.92	143.88%	0.189	0.272	-
						Back side	15	23095	707.5	23.5	21.96	142.56%	0.178	0.254	-
						Front side	15	23060	704	23.5	21.97	142.23%	0.053	0.076	-
						Back side	15	23060	704	23.5	21.97	142.23%	0.198	0.282	-

LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23230	782	24.5	23.40	128.82%	0.052	0.067	-
						Back side	15	23230	782	24.5	23.10	138.04%	0.209	0.289	-
						Back side	15	23230	782	24.5	23.05	139.64%	0.223	0.311	-
					49	Back side	15	23230	782	24.5	23.40	128.82%	0.253	0.326	131
						Front side	15	23230	782	23.5	22.27	132.74%	0.032	0.042	-
						Back side	15	23230	782	23.5	22.27	132.74%	0.172	0.228	-
				25 RB	12	Front side	15	23230	782	23.5	22.16	136.14%	0.041	0.056	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.189	0.257	-
						Front side	15	23230	782	23.5	22.16	136.14%	0.189	0.257	-
					50 RB	Back side	15	23230	782	23.5	22.16	136.14%	0.189	0.257	-
						Front side	15	23230	782	23.5	22.16	136.14%	0.189	0.257	-
						Back side	15	23230	782	23.5	22.16	136.14%	0.189	0.257	-

LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	26140	1860	24.5	23.58	123.59%	0.429	0.530	-
						Back side	15	26140	1860	24.5	23.58	123.59%	0.501	0.619	132
						Back side	15	26365	1882.5	24.5	23.48	126.47%	0.467	0.591	-
						Back side	15	26590	1905	24.5	23.38	129.42%	0.434	0.562	-
				50 RB	0	Front side	15	26140	1860	23.5	22.70	120.23%	0.351	0.422	-
						Back side	15	26140	1860	23.5	22.70	120.23%	0.412	0.495	-
				100 RB		Front side	15	26365	1882.5	23.5	22.61	122.74%	0.323	0.396	-
						Back side	15	26365	1882.5	23.5	22.61	122.74%	0.398	0.489	-
						Front side	15	26365	1882.5	23.5	22.61	122.74%	0.398	0.489	-
						Back side	15	26365	1882.5	23.5	22.61	122.74%	0.398	0.489	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	24.5	23.70	120.23%	0.189	0.227	-
						Back side	15	26765	821.5	24.5	23.70	120.23%	0.304	0.365	133
						Back side	15	26865	831.5	24.5	23.53	125.03%	0.283	0.354	-
						Back side	15	26965	841.5	24.5	23.46	127.06%	0.254	0.323	-
				36 RB	18	Front side	15	26765	821.5	23.5	22.71	119.95%	0.145	0.174	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.243	0.291	-
				75 RB		Front side	15	26765	821.5	23.5	22.70	120.23%	0.132	0.159	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.223	0.268	-
						Front side	15	26765	821.5	23.5	22.70	120.23%	0.223	0.268	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.223	0.268	-
CA_5B	Body-worn	10MHz	QPSK	1 RB	0	Back side	15	20450	829	24.5	22.99	141.58%	0.231	0.327	-

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LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Body-worn	10MHz	QPSK	1 RB	0	Back side	15	27710	2310	23.5	23.12	109.14%	0.198	0.216	-
					25	Back side	15	27710	2310	23.5	23.13	108.89%	0.182	0.198	-
					49	Front side	15	27710	2310	23.5	23.21	106.91%	0.102	0.109	-
				25 RB	12	Back side	15	27710	2310	23.5	23.21	106.91%	0.209	0.223	134
						Front side	15	27710	2310	22.5	22.34	103.75%	0.067	0.070	-
						Back side	15	27710	2310	22.5	22.34	103.75%	0.142	0.147	-
				50 RB		Front side	15	27710	2310	22.5	22.31	104.47%	0.087	0.091	-
						Back side	15	27710	2310	22.5	22.31	104.47%	0.132	0.138	-

LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	41490	2680	24.5	23.72	119.67%	0.123	0.147	-
						Back side	15	39750	2506	24.5	23.66	121.34%	0.165	0.200	-
						Back side	15	40185	2549.5	24.5	23.56	124.17%	0.163	0.202	-
						Back side	15	40620	2593	24.5	23.65	121.62%	0.168	0.204	-
						Back side	15	41055	2636.5	24.5	23.69	120.50%	0.171	0.206	-
						Back side	15	41490	2680	24.5	23.72	119.67%	0.174	0.208	135
				50 RB	0	Front side	15	41490	2680	23.5	22.69	120.50%	0.087	0.105	-
						Back side	15	41490	2680	23.5	22.69	120.50%	0.142	0.171	-
				100 RB		Front side	15	39750	2506	23.5	22.73	119.40%	0.081	0.097	-
						Back side	15	39750	2506	23.5	22.73	119.40%	0.131	0.156	-
CA_38C	Body-worn	20MHz	QPSK	1 RB	0	Back side	15	37850	2580	24.5	23.67	121.06%	0.163	0.197	-
CA_41C	Body-worn	20MHz	QPSK	1 RB	0	Back side	15	41490	2680	24.5	23.70	120.23%	0.169	0.203	-

LTE TDD Band 48

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 48	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	56640	3690	24.5	23.99	112.46%	0.056	0.063	-
						Back side	15	55340	3560	24.5	23.83	116.68%	0.066	0.077	-
						Back side	15	55773	3603.3	24.5	23.82	116.95%	0.084	0.098	137
						Back side	15	56207	3646.7	24.5	23.98	112.72%	0.067	0.076	-
						Back side	15	56640	3690	24.5	23.99	112.46%	0.071	0.080	-
				50 RB	50	Front side	15	56640	3690	23.5	22.96	113.24%	0.041	0.047	-
						Back side	15	56640	3690	23.5	22.96	113.24%	0.078	0.088	-
				100 RB		Front side	15	56640	3690	23.5	22.99	112.46%	0.038	0.043	-
						Back side	15	56640	3690	23.5	22.99	112.46%	0.067	0.076	-

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LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	132322	1745	24.5	23.57	123.88%	0.198	0.245	-
						Back side	15	132072	1720	24.5	23.55	124.45%	0.178	0.222	-
						Back side	15	132322	1745	24.5	23.57	123.88%	0.223	0.276	138
						Back side	15	132572	1770	24.5	23.45	127.35%	0.204	0.260	-
				50 RB	25	Front side	15	132572	1770	23.5	22.57	123.88%	0.157	0.194	-
						Back side	15	132572	1770	23.5	22.57	123.88%	0.164	0.203	-
				100 RB		Front side	15	132072	1720	23.5	22.44	127.64%	0.145	0.185	-
						Back side	15	132072	1720	23.5	22.44	127.64%	0.161	0.206	-

LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	133222	673	24.5	23.71	119.95%	0.032	0.038	139
						Front side	15	133297	680.5	24.5	23.70	120.23%	0.012	0.014	-
						Front side	15	133372	688	24.5	23.75	118.85%	0.031	0.037	-
						Back side	15	133372	688	24.5	23.75	118.85%	0.027	0.032	-
				50 RB	0	Front side	15	133222	673	23.5	22.81	117.22%	0.022	0.026	-
						Back side	15	133222	673	23.5	22.81	117.22%	0.021	0.025	-
				100 RB		Front side	15	133222	673	23.5	22.79	117.76%	0.025	0.030	-
						Back side	15	133222	673	23.5	22.79	117.76%	0.017	0.020	-

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5G NR
WWAN only
Body-worn_Upper antenna
n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Bodywron	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	15	513900	2569.5	25.5	25.04	111.17%	0.195	0.217	140
						Front side	15	509202	2546.01	25.5	25.09	109.90%	0.077	0.084	-
						Back side	15	509202	2546.01	25.5	25.09	109.90%	0.176	0.193	-
						Back side	15	518598	2592.99	25.5	24.21	134.59%	0.157	0.211	-
						Back side	15	523299	2616.495	25.5	24.40	128.82%	0.122	0.157	-
						Back side	15	528000	2640	25.5	24.52	125.31%	0.166	0.208	-
				135 RB	69	Front side	15	509202	2546.01	25.5	24.99	112.46%	0.055	0.061	-
						Back side	15	509202	2546.01	25.5	24.99	112.46%	0.147	0.165	-
				270 RB	0	Front side	15	509202	2546.01	24.5	23.94	113.76%	0.051	0.058	-
						Back side	15	509202	2546.01	24.5	23.94	113.76%	0.134	0.152	-

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Body-worn_Lower antenna

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Bodyworn	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	15	513900	2569.5	23	22.96	100.93%	0.202	0.204	-
						Front side	15	509202	2546.01	23	22.98	100.46%	0.032	0.032	-
						Back side	15	509202	2546.01	23	22.98	100.46%	0.211	0.212	141
						Back side	15	518598	2592.99	23	22.86	103.28%	0.196	0.202	-
						Back side	15	523299	2616.495	23	22.72	106.66%	0.187	0.199	-
						Back side	15	528000	2640	23	22.84	103.75%	0.200	0.208	-
				135 RB	69	Front side	15	509202	2546.01	23	22.91	102.09%	0.030	0.030	-
						Back side	15	509202	2546.01	23	22.91	102.09%	0.204	0.208	-
				270 RB	0	Front side	15	509202	2546.01	22	21.86	103.28%	0.028	0.029	-
						Back side	15	509202	2546.01	22	21.86	103.28%	0.194	0.200	-

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WWAN only Product specific 10-g SAR_Upper antenna

GPRS850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Product specific 10g SAR)	Front side	0	128	824.2	34.0	32.13	153.82%	0.843	1.297	-
	Front side	0	190	836.5	34.0	32.20	151.36%	0.883	1.336	-
	Front side	0	251	848.8	34.0	32.19	151.71%	0.925	1.403	142
	Back side	0	190	836.5	34.0	32.20	151.36%	0.522	0.790	-
	Top side	0	190	836.5	34.0	32.20	151.36%	0.472	0.714	-
	Bottom side	0	190	836.5	34.0	32.20	151.36%	0.004	0.007	-
	Right side	0	190	836.5	34.0	32.20	151.36%	0.281	0.425	-
	Left side	0	190	836.5	34.0	32.20	151.36%	0.105	0.159	-

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	0	4132	826.4	24.5	23.18	135.52%	0.511	0.693	-
	Front side	0	4183	836.6	24.5	23.13	137.09%	0.562	0.770	143
	Front side	0	4233	846.6	24.5	23.09	138.36%	0.442	0.612	-
	Back side	0	4132	826.4	24.5	23.18	135.52%	0.385	0.522	-
	Top side	0	4132	826.4	24.5	23.18	135.52%	0.284	0.385	-
	Bottom side	0	4132	826.4	24.5	23.18	135.52%	0.003	0.003	-
	Right side	0	4132	826.4	24.5	23.18	135.52%	0.159	0.215	-
	Left side	0	4132	826.4	24.5	23.18	135.52%	0.084	0.114	-

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	24.5	22.82	147.23%	0.489	0.720	144
						Front side	0	23095	707.5	24.5	22.79	148.25%	0.425	0.630	-
						Front side	0	23130	711	24.5	22.92	143.88%	0.451	0.649	-
						Back side	0	23130	711	24.5	22.92	143.88%	0.354	0.509	-
						Top side	0	23130	711	24.5	22.92	143.88%	0.289	0.416	-
						Bottom side	0	23130	711	24.5	22.92	143.88%	0.002	0.003	-
						Right side	0	23130	711	24.5	22.92	143.88%	0.216	0.311	-
						Left side	0	23130	711	24.5	22.92	143.88%	0.195	0.281	-
				25 RB	25	Front side	0	23095	707.5	23.5	21.96	142.56%	0.348	0.496	-
						Back side	0	23095	707.5	23.5	21.96	142.56%	0.274	0.391	-
						Top side	0	23095	707.5	23.5	21.96	142.56%	0.221	0.315	-
						Bottom side	0	23095	707.5	23.5	21.96	142.56%	0.001	0.002	-
						Right side	0	23095	707.5	23.5	21.96	142.56%	0.175	0.249	-
						Left side	0	23095	707.5	23.5	21.96	142.56%	0.147	0.210	-
				50 RB		Front side	0	23060	704	23.5	21.97	142.23%	0.395	0.562	-
						Back side	0	23060	704	23.5	21.97	142.23%	0.254	0.361	-
						Top side	0	23060	704	23.5	21.97	142.23%	0.209	0.297	-
						Bottom side	0	23060	704	23.5	21.97	142.23%	0.001	0.002	-
						Right side	0	23060	704	23.5	21.97	142.23%	0.171	0.243	-
						Left side	0	23060	704	23.5	21.97	142.23%	0.141	0.201	-

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LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23230	782	24.5	23.10	138.04%	0.676	0.933	-
						Front side	0	23230	782	24.5	23.05	139.64%	0.683	0.954	-
					49	Front side	0	23230	782	24.5	23.40	128.82%	0.759	0.978	145
						Back side	0	23230	782	24.5	23.40	128.82%	0.585	0.754	-
						Top side	0	23230	782	24.5	23.40	128.82%	0.319	0.411	-
						Bottom side	0	23230	782	24.5	23.40	128.82%	0.002	0.003	-
						Right side	0	23230	782	24.5	23.40	128.82%	0.271	0.349	-
						Left side	0	23230	782	24.5	23.40	128.82%	0.222	0.286	-
				25 RB	12	Front side	0	23230	782	23.5	22.27	132.74%	0.581	0.771	-
						Back side	0	23230	782	23.5	22.27	132.74%	0.458	0.608	-
						Top side	0	23230	782	23.5	22.27	132.74%	0.245	0.325	-
						Bottom side	0	23230	782	23.5	22.27	132.74%	0.001	0.002	-
						Right side	0	23230	782	23.5	22.27	132.74%	0.199	0.264	-
						Left side	0	23230	782	23.5	22.27	132.74%	0.154	0.204	-
					50 RB	Front side	0	23230	782	23.5	22.16	136.14%	0.578	0.787	-
						Back side	0	23230	782	23.5	22.16	136.14%	0.437	0.595	-
						Top side	0	23230	782	23.5	22.16	136.14%	0.239	0.325	-
						Bottom side	0	23230	782	23.5	22.16	136.14%	0.001	0.001	-
						Right side	0	23230	782	23.5	22.16	136.14%	0.185	0.252	-
						Left side	0	23230	782	23.5	22.16	136.14%	0.132	0.180	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	24.5	23.70	120.23%	0.716	0.861	146
						Front side	0	26865	831.5	24.5	23.53	125.03%	0.623	0.779	-
						Front side	0	26965	841.5	24.5	23.46	127.06%	0.657	0.835	-
						Back side	0	26765	821.5	24.5	23.70	120.23%	0.558	0.671	-
						Top side	0	26765	821.5	24.5	23.70	120.23%	0.487	0.586	-
						Bottom side	0	26765	821.5	24.5	23.70	120.23%	0.005	0.006	-
						Right side	0	26765	821.5	24.5	23.70	120.23%	0.403	0.485	-
						Left side	0	26765	821.5	24.5	23.70	120.23%	0.357	0.429	-
				36 RB	18	Front side	0	26765	821.5	23.5	22.71	119.95%	0.562	0.674	-
						Back side	0	26765	821.5	23.5	22.71	119.95%	0.442	0.530	-
						Top side	0	26765	821.5	23.5	22.71	119.95%	0.396	0.475	-
						Bottom side	0	26765	821.5	23.5	22.71	119.95%	0.002	0.003	-
						Right side	0	26765	821.5	23.5	22.71	119.95%	0.317	0.380	-
						Left side	0	26765	821.5	23.5	22.71	119.95%	0.297	0.356	-
					75 RB	Front side	0	26765	821.5	23.5	22.70	120.23%	0.541	0.650	-
						Back side	0	26765	821.5	23.5	22.70	120.23%	0.434	0.522	-
						Top side	0	26765	821.5	23.5	22.70	120.23%	0.355	0.427	-
						Bottom side	0	26765	821.5	23.5	22.70	120.23%	0.002	0.002	-
						Right side	0	26765	821.5	23.5	22.70	120.23%	0.300	0.361	-
						Left side	0	26765	821.5	23.5	22.70	120.23%	0.277	0.333	-
CA_5B		10MHz	QPSK	1 RB	0	Front side	0	20450	829	24.5	22.99	141.58%	0.589	0.834	-

LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	133222	673	24.5	23.71	119.95%	0.309	0.371	-
						Front side	0	133297	680.5	24.5	23.70	120.23%	0.312	0.375	-
						Front side	0	133372	688	24.5	23.75	118.85%	0.411	0.488	147
						Back side	0	133372	688	24.5	23.75	118.85%	0.325	0.386	-
						Top side	0	133372	688	24.5	23.75	118.85%	0.277	0.329	-
						Bottom side	0	133372	688	24.5	23.75	118.85%	0.005	0.005	-
						Right side	0	133372	688	24.5	23.75	118.85%	0.253	0.301	-
						Left side	0	133372	688	24.5	23.75	118.85%	0.212	0.252	-
				50 RB	0	Front side	0	133222	673	23.5	22.81	117.22%	0.324	0.380	-
						Back side	0	133222	673	23.5	22.81	117.22%	0.248	0.291	-
						Top side	0	133222	673	23.5	22.81	117.22%	0.229	0.268	-
						Bottom side	0	133222	673	23.5	22.81	117.22%	0.003	0.004	-
						Right side	0	133222	673	23.5	22.81	117.22%	0.201	0.236	-
						Left side	0	133222	673	23.5	22.81	117.22%	0.169	0.198	-
					100 RB	Front side	0	133222	673	23.5	22.79	117.76%	0.311	0.366	-
						Back side	0	133222	673	23.5	22.79	117.76%	0.223	0.263	-
						Top side	0	133222	673	23.5	22.79	117.76%	0.207	0.244	-
						Bottom side	0	133222	673	23.5	22.79	117.76%	0.002	0.003	-
						Right side	0	133222	673	23.5	22.79	117.76%	0.199	0.234	-
						Left side	0	133222	673	23.5	22.79	117.76%	0.152	0.179	-

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WWAN only Product specific 10-g SAR_Lower antenna GPRS850

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
GPRS 850 <1Dn2Up> (Product specific 10g SAR)	Front side	0	128	824.2	34.0	32.13	153.82%	1.750	2.692	-
	Front side	0	190	836.5	34.0	32.20	151.36%	1.920	2.906	-
	Front side	0	251	848.8	34.0	32.19	151.71%	2.090	3.171	148
	Front side*	0	251	848.8	34.0	32.19	151.71%	1.970	2.989	-
	Back side	0	128	824.2	34.0	32.13	153.82%	1.510	2.323	-
	Back side	0	190	836.5	34.0	32.20	151.36%	1.380	2.089	-
	Back side	0	251	848.8	34.0	32.19	151.71%	1.270	1.927	-
	Top side	0	190	836.5	34.0	32.20	151.36%	0.001	0.001	-
	Bottom side	0	190	836.5	34.0	32.20	151.36%	1.100	1.665	-
	Right side	0	190	836.5	34.0	32.20	151.36%	0.926	1.402	-
	Left side	0	190	836.5	34.0	32.20	151.36%	0.273	0.413	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

GPRS1900

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
GPRS 1900 <1Dn2Up> (Product specific 10g SAR)	Front side	0	661	1880	31.0	30.39	115.08%	0.792	0.911	-
	Back side	0	661	1880	31.0	30.39	115.08%	0.883	1.016	-
	Top side	0	661	1880	31.0	30.39	115.08%	0.003	0.003	-
	Bottom side	0	512	1850.2	31.0	29.98	126.47%	1.550	1.960	-
	Bottom side	0	661	1880	31.0	30.39	115.08%	1.660	1.910	-
	Bottom side	0	810	1909.8	31.0	30.10	123.03%	2.510	3.088	149
	Bottom side*	0	810	1909.8	31.0	30.10	123.03%	2.430	2.990	-
	Right side	0	661	1880	31.0	30.39	115.08%	0.323	0.372	-
	Left side	0	661	1880	31.0	30.39	115.08%	0.513	0.590	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

WCDMA Band II

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band II	Front side	0	9400	1880	24.5	23.11	137.72%	0.891	1.227	-
	Back side	0	9400	1880	24.5	23.11	137.72%	0.958	1.319	-
	Top side	0	9400	1880	24.5	23.11	137.72%	0.006	0.008	-
	Bottom side	0	9262	1852.4	24.5	23.09	138.36%	1.470	2.034	-
	Bottom side	0	9400	1880	24.5	23.11	137.72%	1.530	2.107	-
	Bottom side	0	9538	1907.6	24.5	23.04	139.96%	1.580	2.211	150
	Bottom side*	0	9538	1907.6	24.5	23.04	139.96%	1.540	2.155	-
	Right side	0	9400	1880	24.5	23.11	137.72%	0.395	0.544	-
	Left side	0	9400	1880	24.5	23.11	137.72%	0.512	0.705	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

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WCDMA Band IV

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band IV	Front side	0	1513	1752.6	23.5	22.97	112.98%	0.933	1.054	-
	Back side	0	1513	1752.6	23.5	22.97	112.98%	1.080	1.220	-
	Top side	0	1513	1752.6	23.5	22.97	112.98%	0.005	0.006	-
	Bottom side	0	1312	1712.4	23.5	22.96	113.24%	2.910	3.295	-
	Bottom side	0	1412	1732.4	23.5	22.93	114.02%	3.020	3.444	151
	Bottom side*	0	1412	1732.4	23.5	22.93	114.02%	2.970	3.387	-
	Bottom side	0	1513	1752.6	23.5	22.97	112.98%	2.720	3.073	-
	Right side	0	1513	1752.6	23.5	22.97	112.98%	0.434	0.490	-
	Left side	0	1513	1752.6	23.5	22.97	112.98%	0.621	0.702	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

WCDMA Band V

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WCDMA Band V	Front side	0	4132	826.4	24.5	23.18	135.52%	1.080	1.464	-
	Front side	0	4183	836.6	24.5	23.13	137.09%	1.110	1.522	-
	Front side	0	4233	846.6	24.5	23.09	138.36%	1.160	1.605	152
	Back side	0	4132	826.4	24.5	23.18	135.52%	0.884	1.198	-
	Top side	0	4132	826.4	24.5	23.18	135.52%	0.004	0.006	-
	Bottom side	0	4132	826.4	24.5	23.18	135.52%	0.911	1.235	-
	Right side	0	4132	826.4	24.5	23.18	135.52%	0.419	0.568	-
	Left side	0	4132	826.4	24.5	23.18	135.52%	0.481	0.652	-

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LTE FDD Band 7

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Product specific 10g SAR	20MHz	QPSK	1 RB	99	Front side	0	21350	2560	23.5	22.71	119.95%	0.810	0.972	-
						Back side	0	21350	2560	23.5	22.71	119.95%	0.540	0.648	-
						Top side	0	21350	2560	23.5	22.71	119.95%	0.004	0.005	-
						Bottom side	0	20850	2510	23.5	22.70	120.23%	1.210	1.455	-
						Bottom side	0	21100	2535	23.5	22.60	123.03%	1.030	1.267	-
						Bottom side	0	21350	2560	23.5	22.71	119.95%	1.600	1.919	153
						Right side	0	21350	2560	23.5	22.71	119.95%	0.248	0.297	-
						Left side	0	21350	2560	23.5	22.71	119.95%	0.172	0.206	-
				50 RB	50	Front side	0	21350	2560	22.5	21.71	119.95%	0.619	0.742	-
						Back side	0	21350	2560	22.5	21.71	119.95%	0.335	0.402	-
						Top side	0	21350	2560	22.5	21.71	119.95%	0.002	0.002	-
						Bottom side	0	21350	2560	22.5	21.71	119.95%	1.280	1.535	-
						Right side	0	21350	2560	22.5	21.71	119.95%	0.273	0.327	-
						Left side	0	21350	2560	22.5	21.71	119.95%	0.182	0.218	-
						Front side	0	21100	2535	22.5	21.68	120.78%	0.593	0.716	-
						Back side	0	21100	2535	22.5	21.68	120.78%	0.392	0.473	-
						Top side	0	21100	2535	22.5	21.68	120.78%	0.003	0.003	-
						Bottom side	0	21100	2535	22.5	21.68	120.78%	1.170	1.413	-
						Right side	0	21100	2535	22.5	21.68	120.78%	0.231	0.279	-
						Left side	0	21100	2535	22.5	21.68	120.78%	0.165	0.199	-
				100 RB		Front side	0	21100	2535	22.5	21.68	120.78%	0.593	0.716	-
						Back side	0	21100	2535	22.5	21.68	120.78%	0.392	0.473	-
						Top side	0	21100	2535	22.5	21.68	120.78%	0.003	0.003	-
						Bottom side	0	21100	2535	22.5	21.68	120.78%	1.170	1.413	-
						Right side	0	21100	2535	22.5	21.68	120.78%	0.231	0.279	-
						Left side	0	21100	2535	22.5	21.68	120.78%	0.165	0.199	-
						Bottom side	0	21350	2560	23.5	22.66	121.34%	1.550	1.881	-
						Left side	0	21100	2535	22.5	21.68	120.78%	0.165	0.199	-
CA_7C		20MHz	QPSK	1 RB	99	Bottom side	0	21350	2560	23.5	22.66	121.34%	1.550	1.881	-

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	24.5	22.82	147.23%	0.702	1.034	154
						Front side	0	23095	707.5	24.5	22.79	148.25%	0.518	0.768	-
						Front side	0	23130	711	24.5	22.92	143.88%	0.617	0.888	-
						Back side	0	23130	711	24.5	22.92	143.88%	0.575	0.827	-
						Top side	0	23130	711	24.5	22.92	143.88%	0.043	0.062	-
						Bottom side	0	23130	711	24.5	22.92	143.88%	0.516	0.742	-
						Right side	0	23130	711	24.5	22.92	143.88%	0.177	0.255	-
						Left side	0	23130	711	24.5	22.92	143.88%	0.057	0.082	-
				25 RB	25	Front side	0	23095	707.5	23.5	21.96	142.56%	0.598	0.853	-
						Back side	0	23095	707.5	23.5	21.96	142.56%	0.521	0.743	-
						Top side	0	23095	707.5	23.5	21.96	142.56%	0.032	0.045	-
						Bottom side	0	23095	707.5	23.5	21.96	142.56%	0.436	0.622	-
						Right side	0	23095	707.5	23.5	21.96	142.56%	0.099	0.141	-
						Left side	0	23095	707.5	23.5	21.96	142.56%	0.047	0.067	-
						Front side	0	23060	704	23.5	21.97	142.23%	0.571	0.812	-
						Back side	0	23060	704	23.5	21.97	142.23%	0.431	0.613	-
						Top side	0	23060	704	23.5	21.97	142.23%	0.029	0.041	-
						Bottom side	0	23060	704	23.5	21.97	142.23%	0.487	0.693	-
						Right side	0	23060	704	23.5	21.97	142.23%	0.087	0.124	-
						Left side	0	23060	704	23.5	21.97	142.23%	0.039	0.055	-

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LTE FDD Band 13

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 13	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23230	782	24.5	23.10	138.04%	0.845	1.166	155
						Front side	0	23230	782	24.5	23.05	139.64%	0.819	1.144	-
					49	Front side	0	23230	782	24.5	23.40	128.82%	0.879	1.132	-
						Back side	0	23230	782	24.5	23.40	128.82%	0.712	0.917	-
						Top side	0	23230	782	24.5	23.40	128.82%	0.003	0.004	-
						Bottom side	0	23230	782	24.5	23.40	128.82%	0.752	0.969	-
						Right side	0	23230	782	24.5	23.40	128.82%	0.418	0.538	-
						Left side	0	23230	782	24.5	23.40	128.82%	0.347	0.447	-
				25 RB	12	Front side	0	23230	782	23.5	22.27	132.74%	0.674	0.895	-
						Back side	0	23230	782	23.5	22.27	132.74%	0.541	0.718	-
						Top side	0	23230	782	23.5	22.27	132.74%	0.004	0.006	-
						Bottom side	0	23230	782	23.5	22.27	132.74%	0.571	0.758	-
						Right side	0	23230	782	23.5	22.27	132.74%	0.325	0.431	-
						Left side	0	23230	782	23.5	22.27	132.74%	0.265	0.352	-
				50 RB		Front side	0	23230	782	23.5	22.16	136.14%	0.651	0.886	-
						Back side	0	23230	782	23.5	22.16	136.14%	0.528	0.719	-
						Top side	0	23230	782	23.5	22.16	136.14%	0.006	0.008	-
						Bottom side	0	23230	782	23.5	22.16	136.14%	0.554	0.754	-
						Right side	0	23230	782	23.5	22.16	136.14%	0.319	0.434	-
						Left side	0	23230	782	23.5	22.16	136.14%	0.247	0.336	-

LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	26140	1860	24.5	23.58	123.59%	0.811	1.002	-
						Back side	0	26140	1860	24.5	23.58	123.59%	0.891	1.101	-
						Top side	0	26140	1860	24.5	23.58	123.59%	0.004	0.005	-
						Bottom side	0	26140	1860	24.5	23.58	123.59%	1.720	2.126	-
						Bottom side	0	26365	1882.5	24.5	23.48	126.47%	1.820	2.302	-
						Bottom side	0	26590	1905	24.5	23.38	129.42%	2.050	2.653	156
						Bottom side*	0	26590	1905	24.5	23.38	129.42%	2.030	2.627	-
						Right side	0	26140	1860	24.5	23.58	123.59%	0.344	0.425	-
				50 RB	0	Left side	0	26140	1860	24.5	23.58	123.59%	0.522	0.645	-
						Front side	0	26140	1860	23.5	22.70	120.23%	0.658	0.791	-
						Back side	0	26140	1860	23.5	22.70	120.23%	0.731	0.879	-
						Top side	0	26140	1860	23.5	22.70	120.23%	0.003	0.004	-
						Bottom side	0	26140	1860	23.5	22.70	120.23%	1.400	1.683	-
						Right side	0	26140	1860	23.5	22.70	120.23%	0.337	0.405	-
						Left side	0	26140	1860	23.5	22.70	120.23%	0.418	0.503	-
				100 RB		Front side	0	26365	1882.5	23.5	22.61	122.74%	0.642	0.788	-
						Back side	0	26365	1882.5	23.5	22.61	122.74%	0.721	0.885	-
						Top side	0	26365	1882.5	23.5	22.61	122.74%	0.002	0.002	-
						Bottom side	0	26365	1882.5	23.5	22.61	122.74%	1.350	1.657	-
						Right side	0	26365	1882.5	23.5	22.61	122.74%	0.327	0.401	-
						Left side	0	26365	1882.5	23.5	22.61	122.74%	0.403	0.495	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	24.5	23.70	120.23%	1.220	1.467	157
						Front side	0	26865	831.5	24.5	23.53	125.03%	1.097	1.372	-
						Front side	0	26965	841.5	24.5	23.46	127.06%	0.981	1.246	-
						Back side	0	26765	821.5	24.5	23.70	120.23%	1.012	1.217	-
						Top side	0	26765	821.5	24.5	23.70	120.23%	0.002	0.003	-
						Bottom side	0	26765	821.5	24.5	23.70	120.23%	0.879	1.057	-
						Right side	0	26765	821.5	24.5	23.70	120.23%	0.319	0.384	-
						Left side	0	26765	821.5	24.5	23.70	120.23%	0.431	0.518	-
				36 RB	18	Front side	0	26765	821.5	23.5	22.71	119.95%	0.962	1.154	-
						Back side	0	26765	821.5	23.5	22.71	119.95%	0.825	0.990	-
						Top side	0	26765	821.5	23.5	22.71	119.95%	0.002	0.002	-
						Bottom side	0	26765	821.5	23.5	22.71	119.95%	0.711	0.853	-
						Right side	0	26765	821.5	23.5	22.71	119.95%	0.299	0.359	-
						Left side	0	26765	821.5	23.5	22.71	119.95%	0.334	0.401	-
				75 RB		Front side	0	26765	821.5	23.5	22.70	120.23%	0.915	1.100	-
						Back side	0	26765	821.5	23.5	22.70	120.23%	0.817	0.982	-
						Top side	0	26765	821.5	23.5	22.70	120.23%	0.001	0.002	-
						Bottom side	0	26765	821.5	23.5	22.70	120.23%	0.681	0.819	-
						Right side	0	26765	821.5	23.5	22.70	120.23%	0.265	0.319	-
						Left side	0	26765	821.5	23.5	22.70	120.23%	0.325	0.391	-
CA 5B		10MHz	QPSK	1 RB	0	Front side	0	20450	829	24.5	22.99	141.58%	1.020	1.444	-

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LTE FDD Band 30

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 30	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Bottom side	0	27710	2310	23.5	23.12	109.14%	3.100	3.383	-
					25	Bottom side	0	27710	2310	23.5	23.13	108.89%	2.890	3.147	-
					49	Front side	0	27710	2310	23.5	23.21	106.91%	1.130	1.208	-
						Back side	0	27710	2310	23.5	23.21	106.91%	1.210	1.294	-
						Top side	0	27710	2310	23.5	23.21	106.91%	0.007	0.007	-
						Bottom side	0	27710	2310	23.5	23.21	106.91%	3.170	3.389	158
						Bottom side*	0	27710	2310	23.5	23.21	106.91%	3.050	3.261	-
						Right side	0	27710	2310	23.5	23.21	106.91%	0.488	0.522	-
						Left side	0	27710	2310	23.5	23.21	106.91%	0.683	0.730	-
				25 RB	0	Bottom side	0	27710	2310	22.5	22.27	105.44%	2.290	2.415	-
					12	Bottom side	0	27710	2310	22.5	22.29	104.95%	2.120	2.225	-
					25	Front side	0	27710	2310	22.5	22.34	103.75%	0.892	0.925	-
						Back side	0	27710	2310	22.5	22.34	103.75%	0.992	1.029	-
						Top side	0	27710	2310	22.5	22.34	103.75%	0.004	0.004	-
						Bottom side	0	27710	2310	22.5	22.34	103.75%	2.410	2.500	-
						Right side	0	27710	2310	22.5	22.34	103.75%	0.413	0.428	-
						Left side	0	27710	2310	22.5	22.34	103.75%	0.593	0.615	-
				50 RB		Front side	0	27710	2310	22.5	22.31	104.47%	0.854	0.892	-
						Back side	0	27710	2310	22.5	22.31	104.47%	0.962	1.005	-
						Top side	0	27710	2310	22.5	22.31	104.47%	0.003	0.003	-
						Bottom side	0	27710	2310	22.5	22.31	104.47%	2.110	2.204	-
						Right side	0	27710	2310	22.5	22.31	104.47%	0.382	0.399	-
						Left side	0	27710	2310	22.5	22.31	104.47%	0.554	0.579	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

LTE TDD Band 41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 41	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	41490	2680	24.5	23.72	119.67%	0.881	1.054	-
						Back side	0	41490	2680	24.5	23.72	119.67%	0.758	0.907	-
						Top side	0	41490	2680	24.5	23.72	119.67%	0.005	0.005	-
						Bottom side	0	39750	2506	24.5	23.66	121.34%	0.854	1.036	-
						Bottom side	0	40185	2549.5	24.5	23.56	124.17%	0.785	0.975	-
						Bottom side	0	40620	2593	24.5	23.65	121.62%	0.740	0.900	-
						Bottom side	0	41055	2636.5	24.5	23.69	120.50%	0.820	0.988	-
						Bottom side	0	41490	2680	24.5	23.72	119.67%	1.230	1.472	159
						Right side	0	41490	2680	24.5	23.72	119.67%	0.428	0.512	-
						Left side	0	41490	2680	24.5	23.72	119.67%	0.514	0.615	-
				50 RB	0	Front side	0	41490	2680	23.5	22.69	120.50%	0.677	0.816	-
						Back side	0	41490	2680	23.5	22.69	120.50%	0.611	0.736	-
						Top side	0	41490	2680	23.5	22.69	120.50%	0.002	0.003	-
						Bottom side	0	41490	2680	23.5	22.69	120.50%	0.918	1.106	-
						Right side	0	41490	2680	23.5	22.69	120.50%	0.332	0.400	-
						Left side	0	41490	2680	23.5	22.69	120.50%	0.391	0.471	-
				100 RB		Front side	0	39750	2506	23.5	22.73	119.40%	0.665	0.794	-
						Back side	0	39750	2506	23.5	22.73	119.40%	0.602	0.719	-
						Top side	0	39750	2506	23.5	22.73	119.40%	0.002	0.002	-
						Bottom side	0	39750	2506	23.5	22.73	119.40%	0.891	1.064	-
						Right side	0	39750	2506	23.5	22.73	119.40%	0.325	0.388	-
						Left side	0	39750	2506	23.5	22.73	119.40%	0.385	0.460	-
CA_38C		20MHz	QPSK	1 RB	0	Bottom side	0	37850	2580	24.5	23.67	121.06%	1.120	1.356	-
CA_41C		20MHz	QPSK	1 RB	0	Bottom side	0	41490	2680	24.5	23.70	120.23%	1.190	1.431	-

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LTE TDD Band 48

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 48	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	56640	3690	24.5	23.99	112.46%	0.668	0.751	-
						Back side	0	55340	3560	24.5	23.83	116.68%	0.551	0.643	-
						Back side	0	55773	3603.3	24.5	23.82	116.95%	0.795	0.930	161
						Back side	0	56207	3646.7	24.5	23.98	112.72%	0.678	0.764	-
						Back side	0	56640	3690	24.5	23.99	112.46%	0.655	0.737	-
						Top side	0	56640	3690	24.5	23.99	112.46%	0.002	0.003	-
						Bottom side	0	56640	3690	24.5	23.99	112.46%	0.421	0.473	-
						Right side	0	56640	3690	24.5	23.99	112.46%	0.400	0.450	-
						Left side	0	56640	3690	24.5	23.99	112.46%	0.399	0.449	-
						Front side	0	56640	3690	23.5	22.96	113.24%	0.599	0.678	-
						Back side	0	56640	3690	23.5	22.96	113.24%	0.720	0.815	-
						Top side	0	56640	3690	23.5	22.96	113.24%	0.002	0.002	-
				50 RB	50	Bottom side	0	56640	3690	23.5	22.96	113.24%	0.440	0.498	-
						Right side	0	56640	3690	23.5	22.96	113.24%	0.356	0.403	-
						Left side	0	56640	3690	23.5	22.96	113.24%	0.381	0.431	-
						Front side	0	56640	3690	23.5	22.99	112.46%	0.508	0.571	-
						Back side	0	56640	3690	23.5	22.99	112.46%	0.679	0.764	-
						Top side	0	56640	3690	23.5	22.99	112.46%	0.001	0.001	-
				100 RB		Bottom side	0	56640	3690	23.5	22.99	112.46%	0.389	0.437	-
						Right side	0	56640	3690	23.5	22.99	112.46%	0.333	0.374	-
						Left side	0	56640	3690	23.5	22.99	112.46%	0.322	0.362	-

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LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	132322	1745	24.5	23.57	123.88%	0.851	1.054	-
						Back side	0	132322	1745	24.5	23.57	123.88%	0.943	1.168	-
						Top side	0	132322	1745	24.5	23.57	123.88%	0.003	0.004	-
						Bottom side	0	132072	1720	24.5	23.55	124.45%	2.190	2.725	-
						Bottom side	0	132322	1745	24.5	23.57	123.88%	2.100	2.601	-
						Bottom side	0	132572	1770	24.5	23.45	127.35%	2.390	3.044	162
						Bottom side*	0	132572	1770	24.5	23.45	127.35%	2.330	2.967	-
						Right side	0	132322	1745	24.5	23.57	123.88%	0.328	0.406	-
				50 RB	25	Left side	0	132322	1745	24.5	23.57	123.88%	0.472	0.585	-
						Front side	0	132572	1770	23.5	22.57	123.88%	0.679	0.841	-
						Back side	0	132572	1770	23.5	22.57	123.88%	0.754	0.934	-
						Top side	0	132572	1770	23.5	22.57	123.88%	0.002	0.002	-
						Bottom side	0	132072	1720	23.5	22.47	126.77%	1.710	2.168	-
						Bottom side	0	132322	1745	23.5	22.49	126.18%	1.590	2.006	-
						Bottom side	0	132572	1770	23.5	22.57	123.88%	1.920	2.378	-
						Right side	0	132572	1770	23.5	22.57	123.88%	0.256	0.317	-
				100 RB		Left side	0	132572	1770	23.5	22.57	123.88%	0.387	0.479	-
						Front side	0	132072	1720	23.5	22.44	127.64%	0.651	0.831	-
						Back side	0	132072	1720	23.5	22.44	127.64%	0.723	0.923	-
						Top side	0	132072	1720	23.5	22.44	127.64%	0.002	0.003	-
						Bottom side	0	132072	1720	23.5	22.44	127.64%	1.720	2.195	-
						Bottom side	0	132322	1745	23.5	22.41	128.53%	1.620	2.082	-
						Bottom side	0	132572	1770	23.5	22.42	128.23%	1.910	2.449	-
						Right side	0	132072	1720	23.5	22.44	127.64%	0.242	0.309	-
						Left side	0	132072	1720	23.5	22.44	127.64%	0.371	0.474	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

LTE FDD Band 71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 71	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	133222	673	24.5	23.71	119.95%	0.543	0.651	163
						Front side	0	133297	680.5	24.5	23.70	120.23%	0.398	0.479	-
						Front side	0	133372	688	24.5	23.75	118.85%	0.421	0.500	-
						Back side	0	133372	688	24.5	23.75	118.85%	0.258	0.307	-
						Top side	0	133372	688	24.5	23.75	118.85%	0.001	0.001	-
						Bottom side	0	133372	688	24.5	23.75	118.85%	0.342	0.406	-
						Right side	0	133372	688	24.5	23.75	118.85%	0.248	0.295	-
						Left side	0	133372	688	24.5	23.75	118.85%	0.128	0.152	-
				50 RB	0	Front side	0	133222	673	23.5	22.81	117.22%	0.422	0.495	-
						Back side	0	133222	673	23.5	22.81	117.22%	0.211	0.247	-
						Top side	0	133222	673	23.5	22.81	117.22%	0.002	0.002	-
						Bottom side	0	133222	673	23.5	22.81	117.22%	0.285	0.334	-
						Right side	0	133222	673	23.5	22.81	117.22%	0.199	0.233	-
						Left side	0	133222	673	23.5	22.81	117.22%	0.148	0.173	-
				100 RB		Front side	0	133222	673	23.5	22.79	117.76%	0.403	0.475	-
						Back side	0	133222	673	23.5	22.79	117.76%	0.228	0.268	-
						Top side	0	133222	673	23.5	22.79	117.76%	0.001	0.001	-
						Bottom side	0	133222	673	23.5	22.79	117.76%	0.325	0.383	-
						Right side	0	133222	673	23.5	22.79	117.76%	0.233	0.274	-
						Left side	0	133222	673	23.5	22.79	117.76%	0.166	0.195	-

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5G NR

WWAN only

Product specific 10-g SAR_Upper antenna

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n41	Product specific 10g SAR	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	0	513900	2569.5	25.5	25.04	111.17%	1.660	1.845	164
						Front side	0	509202	2546.01	25.5	25.09	109.90%	0.714	0.785	-
						Back side	0	509202	2546.01	25.5	25.09	109.90%	1.512	1.662	-
						Back side	0	518598	2592.99	25.5	24.21	134.59%	0.989	1.331	-
						Back side	0	523299	2616.495	25.5	24.40	128.82%	1.119	1.442	-
						Back side	0	528000	2640	25.5	24.52	125.31%	1.213	1.520	-
						Top side	0	509202	2546.01	25.5	25.09	109.90%	0.062	0.068	-
						Bottom side	0	509202	2546.01	25.5	25.09	109.90%	0.003	0.003	-
						Right side	0	509202	2546.01	25.5	25.09	109.90%	0.112	0.123	-
						Left side	0	509202	2546.01	25.5	25.09	109.90%	0.224	0.246	-
				135 RB	69	Front side	0	509202	2546.01	25.5	24.99	112.46%	0.572	0.643	-
						Back side	0	509202	2546.01	25.5	24.99	112.46%	1.360	1.529	-
						Top side	0	509202	2546.01	25.5	24.99	112.46%	0.052	0.059	-
						Bottom side	0	509202	2546.01	25.5	24.99	112.46%	0.002	0.002	-
						Right side	0	509202	2546.01	25.5	24.99	112.46%	0.093	0.105	-
						Left side	0	509202	2546.01	25.5	24.99	112.46%	0.201	0.226	-
				270 RB	0	Front side	0	509202	2546.01	24.5	23.94	113.76%	0.381	0.433	-
						Back side	0	509202	2546.01	24.5	23.94	113.76%	1.030	1.172	-
						Top side	0	509202	2546.01	24.5	23.94	113.76%	0.031	0.035	-
						Bottom side	0	509202	2546.01	24.5	23.94	113.76%	0.001	0.001	-
						Right side	0	509202	2546.01	24.5	23.94	113.76%	0.082	0.093	-
						Left side	0	509202	2546.01	24.5	23.94	113.76%	0.115	0.131	-

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Product specific 10-g SAR_Lower antenna

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n41	Product specific 10g SAR	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	0	513900	2569.5	23	22.96	100.93%	3.380	3.411	-
						Front side	0	509202	2546.01	23	22.98	100.46%	0.683	0.686	-
						Back side	0	509202	2546.01	23	22.98	100.46%	3.510	3.526	165
						Back side*	0	509202	2546.01	23	22.98	100.46%	3.480	3.496	-
						Back side**	0	509202	2546.01	23	22.98	100.46%	3.360	3.376	-
						Back side	0	518598	2592.99	23	22.86	103.28%	3.230	3.336	-
						Back side	0	523299	2616.495	23	22.72	106.66%	3.190	3.402	-
						Back side	0	528000	2640	23	22.84	103.75%	3.050	3.164	-
						Top side	0	509202	2546.01	23	22.98	100.46%	0.002	0.002	-
						Bottom side	0	509202	2546.01	23	22.98	100.46%	0.945	0.949	-
						Right side	0	509202	2546.01	23	22.98	100.46%	0.622	0.625	-
						Left side	0	509202	2546.01	23	22.98	100.46%	0.754	0.757	-
				135 RB	69	Front side	0	509202	2546.01	23	22.91	102.09%	0.522	0.533	-
						Back side	0	509202	2546.01	23	22.91	102.09%	3.360	3.430	-
						Back side	0	513900	2569.5	23	22.88	102.80%	3.160	3.249	-
						Back side	0	518598	2592.99	23	22.86	103.28%	3.200	3.305	-
						Back side	0	523299	2616.495	23	22.77	105.44%	3.030	3.195	-
						Back side	0	528000	2640	23	22.88	102.80%	3.110	3.197	-
						Top side	0	509202	2546.01	23	22.91	102.09%	0.001	0.001	-
						Bottom side	0	509202	2546.01	23	22.91	102.09%	0.933	0.953	-
						Right side	0	509202	2546.01	23	22.91	102.09%	0.431	0.440	-
						Left side	0	509202	2546.01	23	22.91	102.09%	0.612	0.625	-
						Front side	0	509202	2546.01	22	21.86	103.28%	0.483	0.499	-
						Back side	0	509202	2546.01	22	21.86	103.28%	2.680	2.768	-
				270 RB	0	Back side	0	513900	2569.5	22	21.81	104.47%	2.520	2.633	-
						Back side	0	518598	2592.99	22	21.78	105.20%	2.430	2.556	-
						Back side	0	523299	2616.495	22	21.83	103.99%	2.440	2.537	-
						Back side	0	528000	2640	22	21.84	103.75%	2.510	2.604	-
						Top side	0	509202	2546.01	22	21.86	103.28%	0.001	0.001	-
						Bottom side	0	509202	2546.01	22	21.86	103.28%	0.759	0.784	-
						Right side	0	509202	2546.01	22	21.86	103.28%	0.352	0.364	-
						Left side	0	509202	2546.01	22	21.86	103.28%	0.582	0.601	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

**-Spot check for fan

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Inter-band

Body-worn_Upper antenna without WLAN

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page	
													Measured	Reported		
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23060	704	21.5	21.30	104.71%	0.087	0.091	166	
						Front side	15	23095	707.5	21.5	21.38	102.80%	0.083	0.086	-	
						Front side	15	23130	711	21.5	21.46	100.93%	0.075	0.075	-	
						Back side	15	23130	711	21.5	21.46	100.93%	0.070	0.071	-	
				25 RB	25	Front side	15	23095	707.5	20.5	20.44	101.39%	0.083	0.084	-	
						Back side	15	23095	707.5	20.5	20.44	101.39%	0.065	0.066	-	
						Front side	15	23060	704	20.5	20.41	102.09%	0.081	0.083	-	
						Back side	15	23060	704	20.5	20.41	102.09%	0.061	0.062	-	
				50 RB		Front side	15	23060	704	20.5	20.41	102.09%	0.061	0.062	-	
						Back side	15	23060	704	20.5	20.41	102.09%	0.061	0.062	-	

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	21.5	21.46	100.93%	0.161	0.162	167
						Front side	15	26865	831.5	21.5	21.39	102.57%	0.152	0.156	-
						Front side	15	26965	841.5	21.5	21.33	103.99%	0.144	0.150	-
						Back side	15	26765	821.5	21.5	21.46	100.93%	0.122	0.123	-
				36 RB	18	Front side	15	26765	821.5	20.5	20.48	100.46%	0.102	0.102	-
						Back side	15	26765	821.5	20.5	20.48	100.46%	0.098	0.099	-
						Front side	15	26765	821.5	20.5	20.36	103.28%	0.098	0.101	-
						Back side	15	26765	821.5	20.5	20.36	103.28%	0.063	0.065	-
				75 RB		Front side	15	26765	821.5	20.5	20.36	103.28%	0.098	0.101	-
						Back side	15	26765	821.5	20.5	20.36	103.28%	0.063	0.065	-

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Inter-band

Body-worn_Lower antenna without WLAN

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Body-worn	10MHz	QPSK	1 RB	0	Front side	15	23130	711	21.5	21.46	100.93%	0.054	0.055	-
						Back side	15	23060	704	21.5	21.30	104.71%	0.152	0.159	168
						Back side	15	23095	707.5	21.5	21.38	102.80%	0.113	0.116	-
						Back side	15	23130	711	21.5	21.46	100.93%	0.135	0.136	-
				25 RB	25	Front side	15	23095	707.5	20.5	20.44	101.39%	0.040	0.041	-
						Back side	15	23095	707.5	20.5	20.44	101.39%	0.122	0.124	-
						Front side	15	23060	704	20.5	20.41	102.09%	0.038	0.039	-
						Back side	15	23060	704	20.5	20.41	102.09%	0.116	0.118	-

LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	26140	1860	21.5	21.41	102.09%	0.262	0.267	-
						Back side	15	26140	1860	21.5	21.41	102.09%	0.307	0.313	169
						Back side	15	26365	1882.5	21.5	21.34	103.75%	0.287	0.298	-
						Back side	15	26590	1905	21.5	21.37	103.04%	0.281	0.290	-
				50 RB	0	Front side	15	26140	1860	20.5	20.43	101.62%	0.210	0.213	-
						Back side	15	26140	1860	20.5	20.43	101.62%	0.247	0.251	-
						Front side	15	26365	1882.5	20.5	20.44	101.39%	0.192	0.195	-
						Back side	15	26365	1882.5	20.5	20.44	101.39%	0.241	0.244	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	21.5	21.46	100.93%	0.112	0.113	-
						Back side	15	26765	821.5	21.5	21.46	100.93%	0.184	0.186	170
						Back side	15	26865	831.5	21.5	21.39	102.57%	0.178	0.183	-
						Back side	15	26965	841.5	21.5	21.33	103.99%	0.162	0.168	-
				36 RB	18	Front side	15	26765	821.5	20.5	20.48	100.46%	0.087	0.088	-
						Back side	15	26765	821.5	20.5	20.48	100.46%	0.142	0.143	-
						Front side	15	26765	821.5	20.5	20.36	103.28%	0.079	0.082	-
						Back side	15	26765	821.5	20.5	20.36	103.28%	0.131	0.135	-

LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Body-worn	20MHz	QPSK	1 RB	0	Front side	15	132322	1745	21.5	21.46	100.93%	0.121	0.122	-
						Back side	15	132072	1720	21.5	21.32	104.23%	0.112	0.117	-
						Back side	15	132322	1745	21.5	21.46	100.93%	0.136	0.137	171
						Back side	15	132572	1770	21.5	21.39	102.57%	0.125	0.128	-
				50 RB	25	Front side	15	132572	1770	20.5	20.47	100.69%	0.092	0.093	-
						Back side	15	132572	1770	20.5	20.47	100.69%	0.102	0.103	-
						Front side	15	132072	1720	20.5	20.36	103.28%	0.099	0.102	-
						Back side	15	132072	1720	20.5	20.36	103.28%	0.097	0.100	-

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Inter-band Product specific 10-g SAR_Upper antenna

LTE FDD Band 12

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	21.5	21.30	104.71%	0.352	0.369	172
						Front side	0	23095	707.5	21.5	21.38	102.80%	0.305	0.314	-
						Front side	0	23130	711	21.5	21.46	100.93%	0.320	0.323	-
						Back side	0	23130	711	21.5	21.46	100.93%	0.236	0.238	-
						Top side	0	23130	711	21.5	21.46	100.93%	0.193	0.195	-
						Bottom side	0	23130	711	21.5	21.46	100.93%	0.001	0.001	-
						Right side	0	23130	711	21.5	21.46	100.93%	0.148	0.149	-
						Left side	0	23130	711	21.5	21.46	100.93%	0.136	0.137	-
				25 RB	25	Front side	0	23095	707.5	20.5	20.44	101.39%	0.237	0.240	-
						Back side	0	23095	707.5	20.5	20.44	101.39%	0.188	0.191	-
						Top side	0	23095	707.5	20.5	20.44	101.39%	0.148	0.150	-
						Bottom side	0	23095	707.5	20.5	20.44	101.39%	0.001	0.001	-
						Right side	0	23095	707.5	20.5	20.44	101.39%	0.121	0.123	-
						Left side	0	23095	707.5	20.5	20.44	101.39%	0.106	0.107	-
				50 RB		Front side	0	23060	704	20.5	20.41	102.09%	0.223	0.228	-
						Back side	0	23060	704	20.5	20.41	102.09%	0.174	0.178	-
						Top side	0	23060	704	20.5	20.41	102.09%	0.132	0.135	-
						Bottom side	0	23060	704	20.5	20.41	102.09%	0.001	0.001	-
						Right side	0	23060	704	20.5	20.41	102.09%	0.117	0.119	-
						Left side	0	23060	704	20.5	20.41	102.09%	0.099	0.101	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	21.5	21.46	100.93%	0.419	0.423	173
						Front side	0	26865	831.5	21.5	21.39	102.57%	0.382	0.392	-
						Front side	0	26965	841.5	21.5	21.33	103.99%	0.399	0.415	-
						Back side	0	26765	821.5	21.5	21.46	100.93%	0.318	0.321	-
						Top side	0	26765	821.5	21.5	21.46	100.93%	0.283	0.286	-
						Bottom side	0	26765	821.5	21.5	21.46	100.93%	0.002	0.002	-
						Right side	0	26765	821.5	21.5	21.46	100.93%	0.239	0.241	-
						Left side	0	26765	821.5	21.5	21.46	100.93%	0.207	0.209	-
				36 RB	18	Front side	0	26765	821.5	20.5	20.48	100.46%	0.317	0.318	-
						Back side	0	26765	821.5	20.5	20.48	100.46%	0.243	0.244	-
						Top side	0	26765	821.5	20.5	20.48	100.46%	0.241	0.242	-
						Bottom side	0	26765	821.5	20.5	20.48	100.46%	0.001	0.001	-
						Right side	0	26765	821.5	20.5	20.48	100.46%	0.183	0.184	-
						Left side	0	26765	821.5	20.5	20.48	100.46%	0.163	0.164	-
				75 RB		Front side	0	26765	821.5	20.5	20.36	103.28%	0.302	0.312	-
						Back side	0	26765	821.5	20.5	20.36	103.28%	0.211	0.218	-
						Top side	0	26765	821.5	20.5	20.36	103.28%	0.225	0.232	-
						Bottom side	0	26765	821.5	20.5	20.36	103.28%	0.001	0.001	-
						Right side	0	26765	821.5	20.5	20.36	103.28%	0.176	0.182	-
						Left side	0	26765	821.5	20.5	20.36	103.28%	0.153	0.158	-

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**Inter-band
Product specific 10-g SAR_Lower antenna****LTE FDD Band 12**

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 12	Product specific 10g SAR	10MHz	QPSK	1 RB	0	Front side	0	23060	704	21.5	21.30	104.71%	0.503	0.527	174
						Front side	0	23095	707.5	21.5	21.38	102.80%	0.375	0.386	-
						Front side	0	23130	711	21.5	21.46	100.93%	0.475	0.479	-
						Back side	0	23130	711	21.5	21.46	100.93%	0.409	0.413	-
						Top side	0	23130	711	21.5	21.46	100.93%	0.030	0.030	-
						Bottom side	0	23130	711	21.5	21.46	100.93%	0.367	0.370	-
						Right side	0	23130	711	21.5	21.46	100.93%	0.118	0.119	-
						Left side	0	23130	711	21.5	21.46	100.93%	0.040	0.040	-
				25 RB	25	Front side	0	23095	707.5	20.5	20.44	101.39%	0.418	0.424	-
						Back side	0	23095	707.5	20.5	20.44	101.39%	0.364	0.369	-
						Top side	0	23095	707.5	20.5	20.44	101.39%	0.022	0.022	-
						Bottom side	0	23095	707.5	20.5	20.44	101.39%	0.289	0.293	-
						Right side	0	23095	707.5	20.5	20.44	101.39%	0.068	0.069	-
						Left side	0	23095	707.5	20.5	20.44	101.39%	0.030	0.031	-
						Front side	0	23060	704	20.5	20.41	102.09%	0.402	0.410	-
						Back side	0	23060	704	20.5	20.41	102.09%	0.295	0.301	-
						Top side	0	23060	704	20.5	20.41	102.09%	0.021	0.021	-
						Bottom side	0	23060	704	20.5	20.41	102.09%	0.283	0.289	-
						Right side	0	23060	704	20.5	20.41	102.09%	0.061	0.062	-
						Left side	0	23060	704	20.5	20.41	102.09%	0.025	0.026	-

LTE FDD Band 25

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 25	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	26140	1860	21.5	21.41	102.09%	0.483	0.493	-
						Back side	0	26140	1860	21.5	21.41	102.09%	0.512	0.523	-
						Top side	0	26140	1860	21.5	21.41	102.09%	0.003	0.003	-
						Bottom side	0	26140	1860	21.5	21.41	102.09%	0.958	0.978	-
						Bottom side	0	26365	1882.5	21.5	21.34	103.75%	0.996	1.033	-
						Bottom side	0	26590	1905	21.5	21.37	103.04%	1.230	1.267	175
						Right side	0	26140	1860	21.5	21.41	102.09%	0.203	0.207	-
						Left side	0	26140	1860	21.5	21.41	102.09%	0.312	0.319	-
				50 RB	0	Front side	0	26140	1860	20.5	20.43	101.62%	0.372	0.378	-
						Back side	0	26140	1860	20.5	20.43	101.62%	0.430	0.437	-
						Top side	0	26140	1860	20.5	20.43	101.62%	0.002	0.002	-
						Bottom side	0	26140	1860	20.5	20.43	101.62%	0.826	0.839	-
						Right side	0	26140	1860	20.5	20.43	101.62%	0.193	0.196	-
						Left side	0	26140	1860	20.5	20.43	101.62%	0.239	0.243	-
						Front side	0	26365	1882.5	20.5	20.44	101.39%	0.352	0.357	-
						Back side	0	26365	1882.5	20.5	20.44	101.39%	0.428	0.434	-
				100 RB	0	Top side	0	26365	1882.5	20.5	20.44	101.39%	0.001	0.001	-
						Bottom side	0	26365	1882.5	20.5	20.44	101.39%	0.804	0.815	-
						Right side	0	26365	1882.5	20.5	20.44	101.39%	0.192	0.195	-
						Left side	0	26365	1882.5	20.5	20.44	101.39%	0.227	0.230	-

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	21.5	21.46	100.93%	0.726	0.733	176
						Front side	0	26865	831.5	21.5	21.39	102.57%	0.674	0.681	-
						Front side	0	26965	841.5	21.5	21.33	103.99%	0.612	0.636	-
						Back side	0	26765	821.5	21.5	21.46	100.93%	0.586	0.591	-
						Top side	0	26765	821.5	21.5	21.46	100.93%	0.001	0.001	-
						Bottom side	0	26765	821.5	21.5	21.46	100.93%	0.515	0.520	-
						Right side	0	26765	821.5	21.5	21.46	100.93%	0.183	0.185	-
						Left side	0	26765	821.5	21.5	21.46	100.93%	0.245	0.247	-
				36 RB	18	Front side	0	26765	821.5	20.5	20.48	100.46%	0.566	0.569	-
						Back side	0	26765	821.5	20.5	20.48	100.46%	0.483	0.485	-
						Top side	0	26765	821.5	20.5	20.48	100.46%	0.001	0.001	-
						Bottom side	0	26765	821.5	20.5	20.48	100.46%	0.428	0.430	-
						Right side	0	26765	821.5	20.5	20.48	100.46%	0.164	0.165	-
						Left side	0	26765	821.5	20.5	20.48	100.46%	0.185	0.186	-
						Front side	0	26765	821.5	20.5	20.36	103.28%	0.536	0.554	-
						Back side	0	26765	821.5	20.5	20.36	103.28%	0.465	0.480	-
						Top side	0	26765	821.5	20.5	20.36	103.28%	0.001	0.001	-
						Bottom side	0	26765	821.5	20.5	20.36	103.28%	0.402	0.415	-
						Right side	0	26765	821.5	20.5	20.36	103.28%	0.157	0.162	-
						Left side	0	26765	821.5	20.5	20.36	103.28%	0.168	0.174	-

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LTE FDD Band 66

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 66	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	132322	1745	21.5	21.46	100.93%	0.522	0.527	-
						Back side	0	132322	1745	21.5	21.46	100.93%	0.564	0.569	-
						Top side	0	132322	1745	21.5	21.46	100.93%	0.002	0.002	-
						Bottom side	0	132072	1720	21.5	21.32	104.23%	1.263	1.316	-
						Bottom side	0	132322	1745	21.5	21.46	100.93%	1.350	1.362	-
						Bottom side	0	132572	1770	21.5	21.39	102.57%	1.420	1.456	177
						Right side	0	132322	1745	21.5	21.46	100.93%	0.195	0.197	-
						Left side	0	132322	1745	21.5	21.46	100.93%	0.286	0.289	-
				50 RB	25	Front side	0	132572	1770	20.5	20.47	100.69%	0.419	0.422	-
						Back side	0	132572	1770	20.5	20.47	100.69%	0.442	0.445	-
						Top side	0	132572	1770	20.5	20.47	100.69%	0.001	0.001	-
						Bottom side	0	132572	1770	20.5	20.47	100.69%	1.120	1.128	-
						Right side	0	132572	1770	20.5	20.47	100.69%	0.151	0.152	-
						Left side	0	132572	1770	20.5	20.47	100.69%	0.234	0.236	-
						Front side	0	132072	1720	20.5	20.36	103.28%	0.406	0.419	-
						Back side	0	132072	1720	20.5	20.36	103.28%	0.433	0.447	-
						Top side	0	132072	1720	20.5	20.36	103.28%	0.001	0.001	-
						Bottom side	0	132072	1720	20.5	20.36	103.28%	1.030	1.064	-
						Right side	0	132072	1720	20.5	20.36	103.28%	0.135	0.139	-
						Left side	0	132072	1720	20.5	20.36	103.28%	0.224	0.231	-

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ENDC without WLAN

Body-wron_Upper antenna

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Body-worn	15MHz	QPSK	1 RB	0	Front side	15	26765	821.5	24.5	23.70	120.23%	0.271	0.326	179
						Front side	15	26865	831.5	24.5	23.53	125.03%	0.255	0.319	-
						Front side	15	26965	841.5	24.5	23.46	127.06%	0.242	0.307	-
						Back side	15	26765	821.5	24.5	23.70	120.23%	0.215	0.258	-
				36 RB	18	Front side	15	26765	821.5	23.5	22.71	119.95%	0.169	0.203	-
						Back side	15	26765	821.5	23.5	22.71	119.95%	0.200	0.240	-
						Front side	15	26765	821.5	23.5	22.70	120.23%	0.164	0.197	-
						Back side	15	26765	821.5	23.5	22.70	120.23%	0.105	0.126	-

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5G NR_ENDC without WLAN

Body-worn_Upper antenna

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n41	Body worn	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	15	513900	2569.5	25.5	25.04	111.17%	0.195	0.217	186
						Front side	15	509202	2546.01	25.5	25.09	109.90%	0.077	0.084	-
						Back side	15	509202	2546.01	25.5	25.09	109.90%	0.176	0.193	-
						Back side	15	518598	2592.99	25.5	24.21	134.59%	0.157	0.211	-
						Back side	15	523299	2616.495	25.5	24.40	128.82%	0.122	0.157	-
						Back side	15	528000	2640	25.5	24.52	125.31%	0.166	0.208	-
				135 RB	69	Front side	15	509202	2546.01	25.5	24.99	112.46%	0.055	0.061	-
						Back side	15	509202	2546.01	25.5	24.99	112.46%	0.147	0.165	-
				270 RB	0	Front side	15	509202	2546.01	24.5	23.94	113.76%	0.051	0.058	-
						Back side	15	509202	2546.01	24.5	23.94	113.76%	0.134	0.152	-

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n71

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
													Measured	Reported	
n71	Body worn	20MHz	DTF-s QPSK OFDM	1 RB	1	Front side	15	134600	673	24.5	23.77	118.30%	0.022	0.026	191
						Front side	15	136100	680.5	24.5	23.70	120.23%	0.020	0.024	-
						Front side	15	137600	688	24.5	23.55	124.45%	0.018	0.023	-
						Back side	15	134600	673	24.5	23.77	118.30%	0.013	0.015	-
				50 RB	28	Front side	15	136100	680.5	24.5	23.69	120.50%	0.018	0.021	-
						Back side	15	136100	680.5	24.5	23.69	120.50%	0.010	0.012	-
						Front side	15	136100	680.5	24.5	22.57	155.96%	0.014	0.022	-
						Back side	15	136100	680.5	24.5	22.57	155.96%	0.007	0.010	-
				100 RB	0	Front side	15	136100	680.5	24.5	22.57	155.96%	0.007	0.010	-
						Back side	15	136100	680.5	24.5	22.57	155.96%	0.007	0.010	-

ENDC without WLAN Product specific 10-g SAR_Upper antenna

LTE FDD Band 26

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 26	Product specific 10g SAR	15MHz	QPSK	1 RB	0	Front side	0	26765	821.5	24.5	23.70	120.23%	0.716	0.861	193
						Front side	0	26865	831.5	24.5	23.53	125.03%	0.623	0.779	-
						Front side	0	26965	841.5	24.5	23.46	127.06%	0.657	0.835	-
						Back side	0	26765	821.5	24.5	23.70	120.23%	0.558	0.671	-
						Top side	0	26765	821.5	24.5	23.70	120.23%	0.487	0.586	-
						Bottom side	0	26765	821.5	24.5	23.70	120.23%	0.005	0.006	-
						Right side	0	26765	821.5	24.5	23.70	120.23%	0.403	0.485	-
						Left side	0	26765	821.5	24.5	23.70	120.23%	0.357	0.429	-
				36 RB	18	Front side	0	26765	821.5	23.5	22.71	119.95%	0.562	0.674	-
						Back side	0	26765	821.5	23.5	22.71	119.95%	0.442	0.530	-
						Top side	0	26765	821.5	23.5	22.71	119.95%	0.396	0.475	-
						Bottom side	0	26765	821.5	23.5	22.71	119.95%	0.002	0.003	-
						Right side	0	26765	821.5	23.5	22.71	119.95%	0.317	0.380	-
						Left side	0	26765	821.5	23.5	22.71	119.95%	0.297	0.356	-
						Front side	0	26765	821.5	23.5	22.70	120.23%	0.541	0.650	-
						Back side	0	26765	821.5	23.5	22.70	120.23%	0.434	0.522	-
				75 RB		Top side	0	26765	821.5	23.5	22.70	120.23%	0.355	0.427	-
						Bottom side	0	26765	821.5	23.5	22.70	120.23%	0.002	0.002	-
						Right side	0	26765	821.5	23.5	22.70	120.23%	0.300	0.361	-
						Left side	0	26765	821.5	23.5	22.70	120.23%	0.277	0.333	-

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ENDC without WLAN

Product specific 10-g SAR_Lower antenna

LTE FDD Band 2

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 2	Product specific 10g SAR	20MHz	QPSK	1 RB	0	Front side	0	18700	1860	21	20.90	102.33%	0.427	0.437	-
						Back side	0	18700	1860	21	20.90	102.33%	0.432	0.442	-
						Top side	0	18700	1860	21	20.90	102.33%	0.003	0.003	-
						Bottom side	0	18700	1860	21	20.90	102.33%	0.912	0.933	-
						Bottom side	0	18900	1880	21	20.79	104.95%	0.933	0.979	-
						Bottom side	0	19100	1900	21	20.61	109.40%	0.997	1.091	194
						Right side	0	18700	1860	21	20.90	102.33%	0.173	0.177	-
						Left side	0	18700	1860	21	20.90	102.33%	0.261	0.267	-
				50 RB	0	Front side	0	18700	1860	20	19.91	102.09%	0.318	0.325	-
						Back side	0	18700	1860	20	19.91	102.09%	0.371	0.379	-
						Top side	0	18700	1860	20	19.91	102.09%	0.002	0.002	-
						Bottom side	0	18700	1860	20	19.91	102.09%	0.728	0.743	-
						Right side	0	18700	1860	20	19.91	102.09%	0.152	0.155	-
						Left side	0	18700	1860	20	19.91	102.09%	0.239	0.244	-
				100 RB		Front side	0	18900	1880	20	19.85	103.51%	0.295	0.305	-
						Back side	0	18900	1880	20	19.85	103.51%	0.368	0.381	-
						Top side	0	18900	1880	20	19.85	103.51%	0.002	0.002	-
						Bottom side	0	18900	1880	20	19.85	103.51%	0.704	0.729	-
						Right side	0	18900	1880	20	19.85	103.51%	0.148	0.153	-
						Left side	0	18900	1880	20	19.85	103.51%	0.213	0.220	-

LTE FDD Band 7

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
LTE Band 7	Product specific 10g SAR	20MHz	QPSK	1 RB	99	Front side	0	21350	2560	23.5	22.71	119.95%	0.810	0.972	-
						Back side	0	21350	2560	23.5	22.71	119.95%	0.540	0.648	-
						Top side	0	21350	2560	23.5	22.71	119.95%	0.004	0.005	-
						Bottom side	0	20850	2510	23.5	22.70	120.23%	1.210	1.455	-
						Bottom side	0	21100	2535	23.5	22.60	123.03%	1.030	1.267	-
						Bottom side	0	21350	2560	23.5	22.71	119.95%	1.600	1.919	195
						Right side	0	21350	2560	23.5	22.71	119.95%	0.248	0.297	-
						Left side	0	21350	2560	23.5	22.71	119.95%	0.172	0.206	-
				50 RB	50	Front side	0	21350	2560	22.5	21.71	119.95%	0.619	0.742	-
						Back side	0	21350	2560	22.5	21.71	119.95%	0.335	0.402	-
						Top side	0	21350	2560	22.5	21.71	119.95%	0.002	0.002	-
						Bottom side	0	21350	2560	22.5	21.71	119.95%	1.280	1.535	-
						Right side	0	21350	2560	22.5	21.71	119.95%	0.273	0.327	-
						Left side	0	21350	2560	22.5	21.71	119.95%	0.182	0.218	-
				100 RB		Front side	0	21100	2535	22.5	21.68	120.78%	0.593	0.716	-
						Back side	0	21100	2535	22.5	21.68	120.78%	0.392	0.473	-
						Top side	0	21100	2535	22.5	21.68	120.78%	0.003	0.003	-
						Bottom side	0	21100	2535	22.5	21.68	120.78%	1.170	1.413	-
						Right side	0	21100	2535	22.5	21.68	120.78%	0.231	0.279	-
						Left side	0	21100	2535	22.5	21.68	120.78%	0.165	0.199	-

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5G NR_ENDC without WLAN

Product specific 10-g SAR_Upper antenna

n41

Band	Mode	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
													Measured	Reported	
n41	Product specific 10g SAR	100MHz	DTF-s QPSK OFDM	1 RB	137	Back side	0	513900	2569.5	25.5	25.04	111.17%	1.660	1.845	200
						Front side	0	509202	2546.01	25.5	25.09	109.90%	0.714	0.785	-
						Back side	0	509202	2546.01	25.5	25.09	109.90%	1.512	1.662	-
						Back side	0	518598	2592.99	25.5	24.21	134.59%	0.989	1.331	-
						Back side	0	523299	2616.495	25.5	24.40	128.82%	1.119	1.442	-
						Back side	0	528000	2640	25.5	24.52	125.31%	1.213	1.520	-
					69	Top side	0	509202	2546.01	25.5	25.09	109.90%	0.062	0.068	-
						Bottom side	0	509202	2546.01	25.5	25.09	109.90%	0.003	0.003	-
						Right side	0	509202	2546.01	25.5	25.09	109.90%	0.112	0.123	-
						Left side	0	509202	2546.01	25.5	25.09	109.90%	0.224	0.246	-
						Front side	0	509202	2546.01	25.5	24.99	112.46%	0.572	0.643	-
						Back side	0	509202	2546.01	25.5	24.99	112.46%	1.360	1.529	-
				135 RB	69	Top side	0	509202	2546.01	25.5	24.99	112.46%	0.052	0.059	-
						Bottom side	0	509202	2546.01	25.5	24.99	112.46%	0.002	0.002	-
						Right side	0	509202	2546.01	25.5	24.99	112.46%	0.093	0.105	-
						Left side	0	509202	2546.01	25.5	24.99	112.46%	0.201	0.226	-
					0	Front side	0	509202	2546.01	24.5	23.94	113.76%	0.381	0.433	-
						Back side	0	509202	2546.01	24.5	23.94	113.76%	1.030	1.172	-
						Top side	0	509202	2546.01	24.5	23.94	113.76%	0.031	0.035	-
						Bottom side	0	509202	2546.01	24.5	23.94	113.76%	0.001	0.001	-
						Right side	0	509202	2546.01	24.5	23.94	113.76%	0.082	0.093	-
						Left side	0	509202	2546.01	24.5	23.94	113.76%	0.115	0.131	-

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SISO_without WWAN

Head_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	20.00	19.75	105.93%	0.572	0.606	-
	Re Tilt	-	1	2412	20.00	19.75	105.93%	0.218	0.231	-
	LE Cheek	-	1	2412	20.00	19.75	105.93%	1.040	1.102	206
	LE Cheek*	-	1	2412	20.00	19.75	105.93%	1.010	1.070	-
	LE Cheek	-	6	2437	20.00	19.53	111.43%	0.936	1.043	-
	LE Cheek	-	11	2462	20.00	19.70	107.15%	0.982	1.052	-
Bluetooth (GFSK)	LE Tilt	-	1	2412	20.00	19.75	105.93%	0.449	0.476	-
	RE Cheek	-	18	2442	14.00	13.54	111.17%	0.399	0.444	-
	Re Tilt	-	18	2442	14.00	13.54	111.17%	0.145	0.161	-
	LE Cheek	-	37	2402	14.00	12.82	131.22%	0.358	0.470	-
	LE Cheek	-	18	2442	14.00	13.54	111.17%	0.527	0.586	207
	LE Cheek	-	39	2480	13.00	11.42	143.88%	0.219	0.315	-
WLAN 802.11n(40M) 5.2G	LE Tilt	-	18	2442	14.00	13.54	111.17%	0.183	0.203	-
	RE Cheek	-	46	5230	16.50	16.48	100.46%	0.712	0.715	-
	Re Tilt	-	46	5230	16.50	16.48	100.46%	0.223	0.224	-
	LE Cheek	-	38	5190	16.50	16.03	111.43%	0.938	1.045	-
	LE Cheek	-	46	5230	16.50	16.48	100.46%	1.160	1.165	208
	LE Cheek*	-	46	5230	16.50	16.48	100.46%	1.110	1.115	-
WLAN 802.11a 5.3G	LE Tilt	-	46	5230	16.50	16.48	100.46%	0.442	0.444	-
	RE Cheek	-	52	5260	17.00	16.99	100.23%	0.455	0.456	-
	Re Tilt	-	52	5260	17.00	16.99	100.23%	0.131	0.131	-
	LE Cheek	-	52	5260	17.00	16.99	100.23%	1.110	1.113	209
	LE Cheek*	-	52	5260	17.00	16.99	100.23%	1.050	1.052	-
	LE Cheek	-	60	5300	17.00	16.79	104.95%	1.050	1.102	-
WLAN 802.11ac(80M) 5.6G	LE Cheek	-	64	5320	17.00	16.87	103.04%	1.010	1.041	-
	LE Tilt	-	52	5260	17.00	16.99	100.23%	0.309	0.310	-
	RE Cheek	-	138	5690	14.00	13.99	100.23%	0.754	0.756	-
	Re Tilt	-	138	5690	14.00	13.99	100.23%	0.341	0.342	-
	LE Cheek	-	106	5530	14.00	13.78	105.20%	0.882	0.928	-
	LE Cheek	-	122	5610	14.00	13.88	102.80%	1.050	1.079	-
WLAN 802.11ac(80M) 5.8G	LE Cheek	-	138	5690	14.00	13.99	100.23%	1.170	1.173	210
	LE Cheek*	-	138	5690	14.00	13.99	100.23%	1.100	1.103	-
	LE Cheek**	-	138	5690	14.00	13.99	100.23%	1.050	1.052	-
	LE Tilt	-	138	5690	14.00	13.99	100.23%	0.445	0.446	-
	RE Cheek	-	155	5775	15.50	15.48	100.46%	0.392	0.394	-
	Re Tilt	-	155	5775	15.50	15.48	100.46%	0.119	0.120	-
	LE Cheek	-	155	5775	15.50	15.48	100.46%	1.030	1.035	211
	LE Cheek*	-	155	5775	15.50	15.48	100.46%	1.020	1.025	-
	LE Tilt	-	155	5775	15.50	15.48	100.46%	0.382	0.384	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

** -Spot check for fan

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	20.00	19.49	112.46%	0.312	0.351	-
	RE Cheek	-	6	2437	20.00	19.61	109.40%	0.398	0.435	212
	RE Cheek	-	11	2462	20.00	19.55	110.92%	0.335	0.372	-
	Re Tilt	-	6	2437	20.00	19.61	109.40%	0.121	0.132	-
	LE Cheek	-	6	2437	20.00	19.61	109.40%	0.165	0.181	-
	LE Tilt	-	6	2437	20.00	19.61	109.40%	0.091	0.100	-
Bluetooth (GFSK)	RE Cheek	-	37	2402	14.00	12.82	131.22%	0.088	0.115	-
	RE Cheek	-	18	2442	14.00	13.54	111.17%	0.100	0.111	213
	RE Cheek	-	39	2480	13.00	11.42	143.88%	0.069	0.099	-
	Re Tilt	-	18	2442	14.00	13.54	111.17%	0.047	0.052	-
	LE Cheek	-	18	2442	14.00	13.54	111.17%	0.059	0.065	-
	LE Tilt	-	18	2442	14.00	13.54	111.17%	0.032	0.035	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	38	5190	18.00	16.25	149.62%	0.028	0.041	-
	RE Cheek	-	46	5230	18.00	16.76	133.05%	0.032	0.042	214
	Re Tilt	-	46	5230	18.00	16.76	133.05%	0.012	0.016	-
	LE Cheek	-	46	5230	18.00	16.76	133.05%	0.017	0.022	-
	LE Tilt	-	46	5230	18.00	16.76	133.05%	0.009	0.012	-
	RE Cheek	-	52	5260	19.50	19.42	101.86%	0.067	0.069	215
WLAN 802.11n(20M) 5.3G	RE Cheek	-	60	5300	19.50	19.49	100.23%	0.056	0.056	-
	RE Cheek	-	64	5320	19.50	18.35	130.32%	0.048	0.062	-
	Re Tilt	-	60	5300	19.50	19.49	100.23%	0.023	0.023	-
	LE Cheek	-	60	5300	19.50	19.49	100.23%	0.027	0.027	-
	LE Tilt	-	60	5300	19.50	19.49	100.23%	0.015	0.015	-
	RE Cheek	-	100	5500	20.00	19.76	105.68%	0.142	0.150	216
WLAN 802.11a 5.6G	RE Cheek	-	120	5600	20.00	19.57	110.41%	0.121	0.134	-
	RE Cheek	-	140	5700	20.00	19.58	110.15%	0.133	0.147	-
	Re Tilt	-	100	5500	20.00	19.76	105.68%	0.055	0.058	-
	LE Cheek	-	100	5500	20.00	19.76	105.68%	0.074	0.078	-
	LE Tilt	-	100	5500	20.00	19.76	105.68%	0.033	0.035	-
	RE Cheek	-	155	5775	20.00	19.63	108.89%	0.358	0.390	217
WLAN 802.11ac(80M) 5.8G	Re Tilt	-	155	5775	20.00	19.63	108.89%	0.147	0.160	-
	LE Cheek	-	155	5775	20.00	19.63	108.89%	0.189	0.206	-
	LE Tilt	-	155	5775	20.00	19.63	108.89%	0.092	0.101	-
	RE Cheek	-	155	5775	20.00	19.63	108.89%	0.092	0.101	-

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Body-worn_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	20.00	19.75	105.93%	0.043	0.046	-
	Back side	15	1	2412	20.00	19.75	105.93%	0.132	0.140	-
	Back side	15	6	2437	20.00	19.53	111.43%	0.122	0.136	-
	Back side	15	11	2462	20.00	19.70	107.15%	0.153	0.164	218
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.003	0.004	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.012	0.016	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.028	0.031	219
	Back side	15	39	2480	13.00	11.42	143.88%	0.017	0.024	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	16.50	16.48	100.46%	0.087	0.088	-
	Back side	15	38	5190	16.50	16.03	111.43%	0.126	0.140	-
	Back side	15	46	5230	16.50	16.48	100.46%	0.178	0.179	220
WLAN 802.11a 5.3G	Front side	15	52	5260	17.00	16.99	100.23%	0.065	0.065	-
	Back side	15	52	5260	17.00	16.99	100.23%	0.169	0.169	221
	Back side	15	60	5300	17.00	16.79	104.95%	0.141	0.148	-
	Back side	15	64	5320	17.00	16.87	103.04%	0.117	0.121	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	14.00	13.99	100.23%	0.125	0.125	-
	Back side	15	106	5530	14.00	13.78	105.20%	0.150	0.158	-
	Back side	15	122	5610	14.00	13.88	102.80%	0.157	0.161	-
	Back side	15	138	5690	14.00	13.99	100.23%	0.165	0.165	222
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	15.50	15.48	100.46%	0.118	0.119	-
	Back side	15	155	5775	15.50	15.48	100.46%	0.161	0.162	223

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	20.00	19.61	109.40%	0.012	0.013	-
	Back side	15	1	2412	20.00	19.49	112.46%	0.031	0.035	-
	Back side	15	6	2437	20.00	19.61	109.40%	0.036	0.040	-
	Back side	15	11	2462	20.00	19.55	110.92%	0.059	0.065	224
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.002	0.003	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.002	0.003	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.010	0.011	225
	Back side	15	39	2480	13.00	11.42	143.88%	0.004	0.006	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	18.00	16.76	133.05%	0.109	0.145	-
	Back side	15	38	5190	18.00	16.25	149.62%	0.121	0.181	-
	Back side	15	46	5230	18.00	16.76	133.05%	0.217	0.289	226
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	19.50	19.49	100.23%	0.206	0.206	-
	Back side	15	52	5260	19.50	19.42	101.86%	0.452	0.460	-
	Back side	15	60	5300	19.50	19.49	100.23%	0.485	0.486	227
	Back side	15	64	5320	19.50	18.35	130.32%	0.311	0.405	-
WLAN 802.11a 5.6G	Front side	15	100	5500	20.00	19.76	105.68%	0.056	0.059	-
	Back side	15	100	5500	20.00	19.76	105.68%	0.204	0.216	228
	Back side	15	120	5600	20.00	19.57	110.41%	0.165	0.182	-
	Back side	15	140	5700	20.00	19.58	110.15%	0.145	0.160	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	20.00	19.63	108.89%	0.034	0.037	-
	Back side	15	155	5775	20.00	19.63	108.89%	0.291	0.317	229

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Body-worn_Camera mode

WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	20.00	19.75	105.93%	0.023	0.025	-
	Back side	15	1	2412	20.00	19.75	105.93%	0.072	0.076	230
	Back side	15	6	2437	20.00	19.53	111.43%	0.056	0.063	-
	Back side	15	11	2462	20.00	19.70	107.15%	0.047	0.050	-
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.002	0.003	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.012	0.016	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.016	0.017	231
	Back side	15	39	2480	13.00	11.42	143.88%	0.008	0.011	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	17.50	16.57	123.88%	0.076	0.094	-
	Back side	15	38	5190	17.50	16.03	140.28%	0.287	0.403	-
	Back side	15	46	5230	17.50	16.57	123.88%	0.362	0.448	232
	Front side	15	52	5260	19.50	19.49	100.23%	0.088	0.088	-
WLAN 802.11a 5.3G	Back side	15	52	5260	19.50	19.49	100.23%	0.880	0.882	233
	Back side*	15	52	5260	19.50	19.49	100.23%	0.856	0.858	-
	Back side**	15	52	5260	19.50	19.49	100.23%	0.843	0.845	-
	Back side	15	60	5300	19.50	19.32	104.23%	0.824	0.859	-
	Back side	15	64	5320	19.50	18.51	125.60%	0.612	0.769	-
	Front side	15	138	5690	20.00	19.17	121.06%	0.028	0.034	-
WLAN 802.11ac(80M) 5.6G	Back side	15	106	5530	17.00	15.45	142.89%	0.144	0.206	-
	Back side	15	122	5610	20.00	19.16	121.34%	0.312	0.379	-
	Back side	15	138	5690	20.00	19.17	121.06%	0.321	0.389	234
	Front side	15	155	5775	20.00	19.48	112.72%	0.043	0.049	-
WLAN 802.11ac(80M) 5.8G	Back side	15	155	5775	20.00	19.48	112.72%	0.374	0.422	235

* - repeated at the highest SAR measurement according to the KDB 865664 D01

** - Spot check for fan

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WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	20.00	19.61	109.40%	0.003	0.004	-
	Back side	15	1	2412	20.00	19.49	112.46%	0.067	0.076	-
	Back side	15	6	2437	20.00	19.61	109.40%	0.090	0.098	-
	Back side	15	11	2462	20.00	19.55	110.92%	0.104	0.115	236
Bluetooth (GFSK)	Front side	15	18	2442	14.00	13.54	111.17%	0.014	0.016	-
	Back side	15	37	2402	14.00	12.82	131.22%	0.123	0.161	-
	Back side	15	18	2442	14.00	13.54	111.17%	0.152	0.169	237
	Back side	15	39	2480	13.00	11.42	143.88%	0.112	0.161	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	18.00	16.76	133.05%	0.012	0.016	-
	Back side	15	38	5190	18.00	16.25	149.62%	0.118	0.177	-
	Back side	15	46	5230	18.00	16.76	133.05%	0.142	0.189	238
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	20.00	19.71	106.91%	0.033	0.035	-
	Back side	15	52	5260	20.00	19.52	111.69%	0.234	0.261	-
	Back side	15	60	5300	20.00	19.71	106.91%	0.276	0.295	239
	Back side	15	64	5320	20.00	18.35	146.22%	0.189	0.276	-
WLAN 802.11a 5.6G	Front side	15	100	5500	20.00	19.76	105.68%	0.121	0.128	-
	Back side	15	100	5500	20.00	19.76	105.68%	0.594	0.628	240
	Back side	15	120	5600	20.00	19.57	110.41%	0.512	0.565	-
	Back side	15	140	5700	20.00	19.58	110.15%	0.523	0.576	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	19.00	18.83	103.99%	0.024	0.024	-
	Back side	15	155	5775	19.00	18.83	103.99%	0.470	0.489	241

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Body-worn_Gaming mode

WLAN Ant 7 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	18.00	16.76	133.05%	0.056	0.075	-
	Back side	15	38	5190	18.00	16.25	149.62%	0.112	0.168	-
	Back side	15	46	5230	18.00	16.76	133.05%	0.124	0.165	242
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	20.00	19.71	106.91%	0.069	0.074	-
	Back side	15	52	5260	20.00	19.52	111.69%	0.254	0.284	-
	Back side	15	60	5300	20.00	19.71	106.91%	0.338	0.361	243
	Back side	15	64	5320	20.00	18.35	146.22%	0.276	0.404	-
WLAN 802.11a 5.6G	Front side	15	100	5500	20.00	19.76	105.68%	0.046	0.049	-
	Back side	15	100	5500	20.00	19.76	105.68%	0.224	0.237	244
	Back side	15	120	5600	20.00	19.57	110.41%	0.145	0.160	-
	Back side	15	140	5700	20.00	19.58	110.15%	0.178	0.196	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	20.00	19.63	108.89%	0.076	0.083	-
	Back side	15	155	5775	20.00	19.63	108.89%	0.414	0.451	245

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SISO_with WWAN
Head_Calling mode
WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.192	0.195	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.072	0.073	-
	LE Cheek	-	37	2402	10.50	10.12	109.14%	0.205	0.224	-
	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.262	0.266	24
	LE Cheek	-	39	2480	10.50	10.42	101.86%	0.173	0.176	-
WLAN 802.11n(40M) 5.2G	LE Tilt	-	18	2442	10.50	10.44	101.39%	0.090	0.091	-
	RE Cheek	-	46	5230	15.00	14.98	100.46%	0.478	0.480	-
	Re Tilt	-	46	5230	15.00	14.98	100.46%	0.152	0.153	-
	LE Cheek	-	38	5190	15.00	14.73	106.41%	0.732	0.779	-
	LE Cheek	-	46	5230	15.00	14.98	100.46%	0.778	0.782	247
WLAN 802.11a 5.3G	LE Tilt	-	46	5230	15.00	14.98	100.46%	0.311	0.312	-
	RE Cheek	-	52	5260	15.50	15.49	100.23%	0.312	0.313	-
	Re Tilt	-	52	5260	15.50	15.49	100.23%	0.092	0.092	-
	LE Cheek	-	52	5260	15.50	15.49	100.23%	0.781	0.783	248
	LE Cheek	-	60	5300	15.50	15.39	102.57%	0.756	0.775	-
WLAN 802.11ac(80M) 5.6G	LE Cheek	-	64	5320	15.50	15.37	103.04%	0.731	0.753	-
	LE Tilt	-	52	5260	15.50	15.49	100.23%	0.216	0.216	-
	RE Cheek	-	138	5690	12.50	12.49	100.23%	0.533	0.534	-
	Re Tilt	-	138	5690	12.50	12.49	100.23%	0.235	0.236	-
	LE Cheek	-	106	5530	12.50	12.31	104.47%	0.658	0.687	-
WLAN 802.11ac(80M) 5.8G	LE Cheek	-	122	5610	12.50	12.38	102.80%	0.768	0.790	-
	LE Cheek	-	138	5690	12.50	12.49	100.23%	0.831	0.833	249
	LE Cheek*	-	138	5690	12.50	12.49	100.23%	0.789	0.791	-
	LE Tilt	-	138	5690	12.50	12.49	100.23%	0.323	0.324	-
	RE Cheek	-	155	5775	14.00	13.98	100.46%	0.265	0.266	250
WLAN 802.11ac(80M) 5.8G	Re Tilt	-	155	5775	14.00	13.98	100.46%	0.084	0.084	-
	LE Cheek	-	155	5775	14.00	13.98	100.46%	0.732	0.735	-
	LE Tilt	-	155	5775	14.00	13.98	100.46%	0.272	0.273	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	RE Cheek	-	37	2402	10.50	10.12	109.14%	0.031	0.034	-
	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.049	0.050	251
	RE Cheek	-	39	2480	10.50	10.42	101.86%	0.045	0.046	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.023	0.023	-
	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.029	0.030	-
	LE Tilt	-	18	2442	10.50	10.44	101.39%	0.015	0.015	-
WLAN 802.11n(20M) 5.3G	RE Cheek	-	52	5260	18.50	18.45	101.16%	0.067	0.068	252
	RE Cheek	-	60	5300	18.50	18.49	100.23%	0.056	0.056	-
	RE Cheek	-	64	5320	18.50	18.35	103.51%	0.048	0.049	-
	Re Tilt	-	60	5300	18.50	18.49	100.23%	0.023	0.023	-
	LE Cheek	-	60	5300	18.50	18.49	100.23%	0.027	0.027	-
	LE Tilt	-	60	5300	18.50	18.49	100.23%	0.015	0.015	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	155	5775	19.00	18.98	100.46%	0.305	0.306	253
	Re Tilt	-	155	5775	19.00	18.98	100.46%	0.121	0.122	-
	LE Cheek	-	155	5775	19.00	18.98	100.46%	0.156	0.157	-
	LE Tilt	-	155	5775	19.00	18.98	100.46%	0.082	0.082	-

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Body-worn_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.007	0.008	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.014	0.014	254
	Back side	15	39	2480	10.50	10.42	101.86%	0.010	0.011	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	15.00	14.98	100.46%	0.081	0.082	-
	Back side	15	38	5190	15.00	14.73	106.41%	0.096	0.102	-
	Back side	15	46	5230	15.00	14.98	100.46%	0.125	0.126	255
WLAN 802.11a 5.3G	Front side	15	52	5260	15.50	15.49	100.23%	0.047	0.047	-
	Back side	15	52	5260	15.50	15.49	100.23%	0.115	0.115	256
	Back side	15	60	5300	15.50	15.39	102.57%	0.105	0.108	-
	Back side	15	64	5320	15.50	15.37	103.04%	0.085	0.088	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	12.50	12.49	100.23%	0.058	0.058	-
	Back side	15	106	5530	12.50	12.31	104.47%	0.089	0.093	-
	Back side	15	122	5610	12.50	12.38	102.80%	0.102	0.105	-
	Back side	15	138	5690	12.50	12.49	100.23%	0.112	0.112	257
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	14.00	13.98	100.46%	0.042	0.042	-
	Back side	15	155	5775	14.00	13.98	100.46%	0.105	0.105	258

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.001	0.001	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.003	0.003	259
	Back side	15	39	2480	10.50	10.42	101.86%	0.002	0.002	-
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	18.50	18.49	100.23%	0.162	0.162	-
	Back side	15	52	5260	18.50	18.45	101.16%	0.356	0.360	-
	Back side	15	60	5300	18.50	18.49	100.23%	0.367	0.368	260
	Back side	15	64	5320	18.50	18.35	103.51%	0.311	0.322	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	19.00	18.98	100.46%	0.028	0.028	-
	Back side	15	155	5775	19.00	18.98	100.46%	0.242	0.243	261

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Hotspot_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	10	18	2442	10.50	10.44	101.39%	0.006	0.006	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.031	0.034	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.038	0.039	262
	Back side	10	39	2480	10.50	10.42	101.86%	0.023	0.024	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.010	0.010	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Right side	10	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Left side	10	18	2442	10.50	10.44	101.39%	0.017	0.017	-
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	15.00	14.98	100.46%	0.112	0.113	-
	Back side	10	38	5190	15.00	14.73	106.41%	0.165	0.176	-
	Back side	10	46	5230	15.00	14.98	100.46%	0.171	0.172	263
	Top side	10	46	5230	15.00	14.98	100.46%	0.066	0.066	-
	Bottom side	10	46	5230	15.00	14.98	100.46%	0.001	0.001	-
	Right side	10	46	5230	15.00	14.98	100.46%	0.061	0.061	-
	Left side	10	46	5230	15.00	14.98	100.46%	0.021	0.021	-
WLAN 802.11a 5.3G	Front side	10	52	5260	15.50	15.49	100.23%	0.121	0.121	-
	Back side	10	52	5260	15.50	15.49	100.23%	0.175	0.175	264
	Back side	10	60	5300	15.50	15.39	102.57%	0.165	0.169	-
	Back side	10	64	5320	15.50	15.37	103.04%	0.159	0.164	-
	Top side	10	52	5260	15.50	15.49	100.23%	0.081	0.081	-
	Bottom side	10	52	5260	15.50	15.49	100.23%	0.002	0.002	-
	Right side	10	52	5260	15.50	15.49	100.23%	0.072	0.072	-
	Left side	10	52	5260	15.50	15.49	100.23%	0.022	0.022	-
WLAN 802.11ac(80M) 5.6G	Front side	10	138	5690	12.50	12.49	100.23%	0.088	0.088	-
	Back side	10	106	5530	12.50	12.31	104.47%	0.127	0.133	-
	Back side	10	122	5610	12.50	12.38	102.80%	0.132	0.136	-
	Back side	10	138	5690	12.50	12.49	100.23%	0.139	0.139	265
	Top side	10	138	5690	12.50	12.49	100.23%	0.050	0.050	-
	Bottom side	10	138	5690	12.50	12.49	100.23%	0.001	0.001	-
	Right side	10	138	5690	12.50	12.49	100.23%	0.051	0.051	-
	Left side	10	138	5690	12.50	12.49	100.23%	0.008	0.008	-
WLAN 802.11ac(80M) 5.8G	Front side	10	155	5775	14.00	13.98	100.46%	0.061	0.061	-
	Back side	10	155	5775	14.00	13.98	100.46%	0.125	0.126	266
	Top side	10	155	5775	14.00	13.98	100.46%	0.035	0.035	-
	Bottom side	10	155	5775	14.00	13.98	100.46%	0.001	0.001	-
	Right side	10	155	5775	14.00	13.98	100.46%	0.037	0.037	-
	Left side	10	155	5775	14.00	13.98	100.46%	0.013	0.013	-

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
Bluetooth (GFSK)	Front side	10	18	2442	10.50	10.44	101.39%	0.012	0.012	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.008	0.009	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.016	0.016	267
	Back side	10	39	2480	10.50	10.42	101.86%	0.012	0.013	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.008	0.009	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Right side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
WLAN 802.11n(20M) 5.3G	Left side	10	18	2442	10.50	10.44	101.39%	0.008	0.008	-
	Front side	10	60	5300	18.50	18.49	100.23%	0.401	0.402	-
	Back side	10	52	5260	18.50	18.45	101.16%	0.798	0.807	-
	Back side	10	60	5300	18.50	18.49	100.23%	0.817	0.819	268
	Back side	10	64	5320	18.50	18.35	103.51%	0.745	0.771	-
	Back side*	10	60	5300	18.50	18.49	100.23%	0.781	0.783	-
	Top side	10	60	5300	18.50	18.49	100.23%	0.345	0.346	-
	Bottom side	10	60	5300	18.50	18.49	100.23%	0.092	0.092	-
WLAN 802.11ac(80M) 5.8G	Right side	10	60	5300	18.50	18.49	100.23%	0.075	0.076	-
	Left side	10	60	5300	18.50	18.49	100.23%	0.196	0.196	-
	Front side	10	155	5775	19.00	18.98	100.46%	0.366	0.368	-
	Back side	10	155	5775	19.00	18.98	100.46%	0.742	0.745	269
	Top side	10	155	5775	19.00	18.98	100.46%	0.342	0.344	-
	Bottom side	10	155	5775	19.00	18.98	100.46%	0.027	0.027	-
	Right side	10	155	5775	19.00	18.98	100.46%	0.034	0.034	-
	Left side	10	155	5775	19.00	18.98	100.46%	0.182	0.183	-

* - repeated at the highest SAR measurement according to the KDB 865664 D01

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Body-worn_Camera mode

WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	15.50	15.49	100.23%	0.043	0.044	-
	Back side	15	38	5190	15.50	15.33	103.99%	0.251	0.261	-
	Back side	15	46	5230	15.50	15.49	100.23%	0.283	0.284	270
WLAN 802.11a 5.3G	Front side	15	52	5260	17.50	17.49	100.23%	0.055	0.056	-
	Back side	15	52	5260	17.50	17.49	100.23%	0.551	0.552	271
	Back side	15	60	5300	17.50	17.35	103.51%	0.523	0.541	-
	Back side	15	64	5320	17.50	17.31	104.47%	0.489	0.511	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	18.00	17.87	103.04%	0.023	0.024	-
	Back side	15	106	5530	17.00	15.45	142.89%	0.144	0.206	-
	Back side	15	122	5610	18.00	17.86	103.28%	0.216	0.223	-
	Back side	15	138	5690	18.00	17.87	103.04%	0.243	0.250	272
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	18.00	17.78	105.20%	0.033	0.035	-
	Back side	15	155	5775	18.00	17.78	105.20%	0.261	0.275	273

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WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	16.00	15.99	100.23%	0.010	0.010	-
	Back side	15	38	5190	16.00	15.95	101.16%	0.103	0.104	-
	Back side	15	46	5230	16.00	15.99	100.23%	0.117	0.117	274
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	18.00	17.91	102.09%	0.021	0.022	-
	Back side	15	52	5260	18.00	17.72	106.66%	0.154	0.164	-
	Back side	15	60	5300	18.00	17.91	102.09%	0.182	0.186	275
	Back side	15	64	5320	18.00	17.65	108.39%	0.171	0.185	-
WLAN 802.11a 5.6G	Front side	15	100	5500	18.00	17.96	100.93%	0.080	0.081	-
	Back side	15	100	5500	18.00	17.96	100.93%	0.391	0.395	276
	Back side	15	120	5600	18.00	17.87	103.04%	0.342	0.352	-
	Back side	15	140	5700	18.00	17.88	102.80%	0.361	0.371	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	17.50	17.48	100.46%	0.016	0.016	-
	Back side	15	155	5775	17.50	17.48	100.46%	0.321	0.322	277

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Hotspot_Camera mode

WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	15.50	15.49	100.23%	0.095	0.095	-
	Back side	10	38	5190	15.50	15.33	103.99%	0.687	0.714	-
	Back side	10	46	5230	15.50	15.49	100.23%	0.711	0.713	278
	Top side	10	46	5230	15.50	15.49	100.23%	0.132	0.132	-
	Bottom side	10	46	5230	15.50	15.49	100.23%	0.001	0.001	-
	Right side	10	46	5230	15.50	15.49	100.23%	0.013	0.013	-
	Left side	10	46	5230	15.50	15.49	100.23%	0.092	0.092	-
WLAN 802.11a 5.3G	Front side	10	52	5260	17.50	17.49	100.23%	0.122	0.122	-
	Back side	10	52	5260	17.50	17.49	100.23%	0.731	0.733	279
	Back side	10	60	5300	17.50	17.35	103.51%	0.702	0.727	-
	Back side	10	64	5320	17.50	17.31	104.47%	0.671	0.701	-
	Top side	10	52	5260	17.50	17.49	100.23%	0.147	0.147	-
	Bottom side	10	52	5260	17.50	17.49	100.23%	0.001	0.001	-
	Right side	10	52	5260	17.50	17.49	100.23%	0.031	0.031	-
WLAN 802.11ac(80M) 5.6G	Left side	10	52	5260	17.50	17.49	100.23%	0.112	0.112	-
	Front side	10	138	5690	18.00	17.87	103.04%	0.082	0.084	-
	Back side	10	106	5530	17.00	15.45	142.89%	0.318	0.454	-
	Back side	10	122	5610	18.00	17.86	103.28%	0.502	0.518	-
	Back side	10	138	5690	18.00	17.87	103.04%	0.578	0.596	280
	Top side	10	138	5690	18.00	17.87	103.04%	0.116	0.119	-
	Bottom side	10	138	5690	18.00	17.87	103.04%	0.001	0.001	-
WLAN 802.11ac(80M) 5.8G	Right side	10	138	5690	18.00	17.87	103.04%	0.024	0.025	-
	Left side	10	138	5690	18.00	17.87	103.04%	0.082	0.084	-
	Front side	10	155	5775	18.00	17.78	105.20%	0.102	0.107	-
	Back side	10	155	5775	18.00	17.78	105.20%	0.627	0.660	281
	Top side	10	155	5775	18.00	17.78	105.20%	0.102	0.107	-
	Bottom side	10	155	5775	18.00	17.78	105.20%	0.001	0.001	-
	Right side	10	155	5775	18.00	17.78	105.20%	0.020	0.021	-
	Left side	10	155	5775	18.00	17.78	105.20%	0.072	0.076	-

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WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	16.00	15.99	100.23%	0.038	0.038	-
	Back side	10	38	5190	16.00	15.95	101.16%	0.171	0.173	-
	Back side	10	46	5230	16.00	15.99	100.23%	0.193	0.193	282
	Top side	10	46	5230	16.00	15.99	100.23%	0.003	0.003	-
	Bottom side	10	46	5230	16.00	15.99	100.23%	0.006	0.006	-
	Right side	10	46	5230	16.00	15.99	100.23%	0.003	0.003	-
WLAN 802.11n(20M) 5.3G	Left side	10	46	5230	16.00	15.99	100.23%	0.003	0.003	-
	Front side	10	52	5260	18.00	17.72	106.66%	0.052	0.056	-
	Back side	10	52	5260	18.00	17.72	106.66%	0.249	0.266	283
	Back side	10	60	5300	18.00	17.91	102.09%	0.222	0.227	-
	Back side	10	64	5320	18.00	17.65	108.39%	0.234	0.254	-
	Top side	10	52	5260	18.00	17.72	106.66%	0.002	0.002	-
	Bottom side	10	52	5260	18.00	17.72	106.66%	0.072	0.076	-
	Right side	10	52	5260	18.00	17.72	106.66%	0.058	0.062	-
WLAN 802.11a 5.6G	Left side	10	52	5260	18.00	17.72	106.66%	0.003	0.003	-
	Front side	10	100	5500	18.00	17.96	100.93%	0.043	0.044	-
	Back side	10	100	5500	18.00	17.96	100.93%	0.740	0.747	284
	Back side	10	120	5600	18.00	17.87	103.04%	0.711	0.732	-
	Back side	10	140	5700	18.00	17.88	102.80%	0.680	0.699	-
	Top side	10	100	5500	18.00	17.96	100.93%	0.003	0.003	-
	Bottom side	10	100	5500	18.00	17.96	100.93%	0.102	0.103	-
	Right side	10	100	5500	18.00	17.96	100.93%	0.086	0.087	-
WLAN 802.11ac(80M) 5.8G	Left side	10	100	5500	18.00	17.96	100.93%	0.006	0.006	-
	Front side	10	155	5775	17.50	17.48	100.46%	0.083	0.083	-
	Back side	10	155	5775	17.50	17.48	100.46%	0.765	0.769	285
	Top side	10	155	5775	17.50	17.48	100.46%	0.001	0.001	-
	Bottom side	10	155	5775	17.50	17.48	100.46%	0.153	0.154	-
	Right side	10	155	5775	17.50	17.48	100.46%	0.067	0.067	-
	Left side	10	155	5775	17.50	17.48	100.46%	0.020	0.020	-

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Hotspot_Gaming mode

WLAN Ant 7 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	18.00	16.76	133.05%	0.038	0.051	-
	Back side	10	38	5190	18.00	16.25	149.62%	0.189	0.283	-
	Back side	10	46	5230	18.00	16.76	133.05%	0.219	0.291	286
	Top side	10	46	5230	18.00	16.76	133.05%	0.003	0.004	-
	Bottom side	10	46	5230	18.00	16.76	133.05%	0.007	0.009	-
	Right side	10	46	5230	18.00	16.76	133.05%	0.034	0.046	-
	Left side	10	46	5230	18.00	16.76	133.05%	0.001	0.002	-
WLAN 802.11n(20M) 5.3G	Front side	10	60	5300	20.00	19.71	106.91%	0.092	0.099	-
	Back side	10	52	5260	20.00	19.52	111.69%	0.412	0.460	-
	Back side	10	60	5300	20.00	19.71	106.91%	0.488	0.522	287
	Back side	10	64	5320	20.00	18.35	146.22%	0.334	0.488	-
	Top side	10	60	5300	20.00	19.71	106.91%	0.006	0.006	-
	Bottom side	10	60	5300	20.00	19.71	106.91%	0.015	0.016	-
	Right side	10	60	5300	20.00	19.71	106.91%	0.067	0.072	-
WLAN 802.11a 5.6G	Left side	10	60	5300	20.00	19.71	106.91%	0.002	0.002	-
	Front side	10	100	5500	20.00	19.76	105.68%	0.067	0.071	-
	Back side	10	100	5500	20.00	19.76	105.68%	0.316	0.334	288
	Back side	10	120	5600	20.00	19.57	110.41%	0.272	0.300	-
	Back side	10	140	5700	20.00	19.58	110.15%	0.215	0.237	-
	Top side	10	100	5500	20.00	19.76	105.68%	0.012	0.013	-
	Bottom side	10	100	5500	20.00	19.76	105.68%	0.014	0.015	-
WLAN 802.11ac(80M) 5.8G	Right side	10	100	5500	20.00	19.76	105.68%	0.054	0.057	-
	Left side	10	100	5500	20.00	19.76	105.68%	0.002	0.002	-
	Front side	10	155	5775	20.00	19.63	108.89%	0.112	0.122	-
	Back side	10	155	5775	20.00	19.63	108.89%	0.552	0.601	289
	Top side	10	155	5775	20.00	19.63	108.89%	0.026	0.029	-
	Bottom side	10	155	5775	20.00	19.63	108.89%	0.022	0.024	-
	Right side	10	155	5775	20.00	19.63	108.89%	0.082	0.090	-
WLAN 802.11ac(80M) 5.8G	Left side	10	155	5775	20.00	19.63	108.89%	0.003	0.003	-

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MIMO+DBS_with WWAN

Head_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	16.50	16.45	101.16%	0.222	0.225	-
	Re Tilt	-	1	2412	16.50	16.45	101.16%	0.102	0.103	-
	LE Cheek	-	1	2412	16.50	16.45	101.16%	0.461	0.466	290
	LE Cheek	-	6	2437	16.50	16.38	102.80%	0.412	0.424	-
	LE Cheek	-	11	2462	16.50	16.41	102.09%	0.423	0.432	-
	LE Tilt	-	1	2412	16.50	16.45	101.16%	0.211	0.213	-
Bluetooth (GFSK)	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.192	0.195	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.072	0.073	-
	LE Cheek	-	37	2402	10.50	10.12	109.14%	0.205	0.224	-
	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.232	0.235	291
	LE Cheek	-	39	2480	10.50	10.42	101.86%	0.173	0.176	-
	LE Tilt	-	18	2442	10.50	10.44	101.39%	0.090	0.091	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	46	5230	13.00	12.98	100.46%	0.218	0.219	-
	Re Tilt	-	46	5230	13.00	12.98	100.46%	0.103	0.103	-
	LE Cheek	-	38	5190	13.00	12.83	103.99%	0.411	0.427	-
	LE Cheek	-	46	5230	13.00	12.98	100.46%	0.445	0.447	292
	LE Tilt	-	46	5230	13.00	12.98	100.46%	0.151	0.152	-
WLAN 802.11a 5.3G	RE Cheek	-	52	5260	13.50	13.39	102.57%	0.202	0.207	-
	Re Tilt	-	52	5260	13.50	13.39	102.57%	0.058	0.060	-
	LE Cheek	-	52	5260	13.50	13.39	102.57%	0.444	0.455	293
	LE Cheek	-	60	5300	13.50	13.47	100.69%	0.424	0.427	-
	LE Cheek	-	64	5320	13.50	13.21	106.91%	0.398	0.425	-
	LE Tilt	-	52	5260	13.50	13.39	102.57%	0.132	0.135	-
WLAN 802.11ac(80M) 5.6G	RE Cheek	-	138	5690	10.50	10.49	100.23%	0.251	0.252	-
	Re Tilt	-	138	5690	10.50	10.49	100.23%	0.132	0.132	-
	LE Cheek	-	106	5530	10.50	10.38	102.80%	0.408	0.419	-
	LE Cheek	-	122	5610	10.50	10.28	105.20%	0.432	0.454	-
	LE Cheek	-	138	5690	10.50	10.49	100.23%	0.465	0.466	294
	LE Tilt	-	138	5690	10.50	10.49	100.23%	0.192	0.192	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	155	5775	12.00	11.97	100.69%	0.172	0.173	-
	Re Tilt	-	155	5775	12.00	11.97	100.69%	0.053	0.054	-
	LE Cheek	-	155	5775	12.00	11.97	100.69%	0.428	0.431	295
	LE Tilt	-	155	5775	12.00	11.97	100.69%	0.123	0.124	-

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	16.50	16.13	108.89%	0.151	0.164	-
	RE Cheek	-	6	2437	16.50	16.41	102.09%	0.192	0.196	296
	RE Cheek	-	11	2462	16.50	16.35	103.51%	0.162	0.168	-
	Re Tilt	-	6	2437	16.50	16.41	102.09%	0.059	0.060	-
	LE Cheek	-	6	2437	16.50	16.41	102.09%	0.080	0.082	-
	LE Tilt	-	6	2437	16.50	16.41	102.09%	0.044	0.045	-
Bluetooth (GFSK)	RE Cheek	-	37	2402	10.50	10.12	109.14%	0.031	0.034	-
	RE Cheek	-	18	2442	10.50	10.44	101.39%	0.049	0.050	297
	RE Cheek	-	39	2480	10.50	10.42	101.86%	0.045	0.046	-
	Re Tilt	-	18	2442	10.50	10.44	101.39%	0.023	0.023	-
	LE Cheek	-	18	2442	10.50	10.44	101.39%	0.029	0.030	-
	LE Tilt	-	18	2442	10.50	10.44	101.39%	0.015	0.015	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	38	5190	14.50	14.22	106.66%	0.013	0.014	-
	RE Cheek	-	46	5230	14.50	14.46	100.93%	0.019	0.019	298
	Re Tilt	-	46	5230	14.50	14.46	100.93%	0.007	0.007	-
	LE Cheek	-	46	5230	14.50	14.46	100.93%	0.010	0.010	-
	LE Tilt	-	46	5230	14.50	14.46	100.93%	0.004	0.004	-
WLAN 802.11n(20M) 5.3G	RE Cheek	-	52	5260	16.00	15.82	104.23%	0.030	0.031	299
	RE Cheek	-	60	5300	16.00	15.96	100.93%	0.026	0.026	-
	RE Cheek	-	64	5320	16.00	15.65	108.39%	0.021	0.023	-
	Re Tilt	-	60	5300	16.00	15.96	100.93%	0.011	0.012	-
	LE Cheek	-	60	5300	16.00	15.96	100.93%	0.012	0.012	-
	LE Tilt	-	60	5300	16.00	15.96	100.93%	0.006	0.006	-
WLAN 802.11a 5.6G	RE Cheek	-	100	5500	16.50	16.46	100.93%	0.067	0.068	300
	RE Cheek	-	120	5600	16.50	16.37	103.04%	0.044	0.045	-
	RE Cheek	-	140	5700	16.50	16.38	102.80%	0.042	0.043	-
	Re Tilt	-	100	5500	16.50	16.46	100.93%	0.026	0.026	-
	LE Cheek	-	100	5500	16.50	16.46	100.93%	0.035	0.035	-
	LE Tilt	-	100	5500	16.50	16.46	100.93%	0.015	0.015	-
WLAN 802.11ac(80M) 5.8G	RE Cheek	-	155	5775	16.50	16.43	101.62%	0.172	0.175	301
	Re Tilt	-	155	5775	16.50	16.43	101.62%	0.071	0.072	-
	LE Cheek	-	155	5775	16.50	16.43	101.62%	0.091	0.093	-
	LE Tilt	-	155	5775	16.50	16.43	101.62%	0.042	0.043	-

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Body-worn_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	16.50	16.45	101.16%	0.020	0.020	-
	Back side	15	1	2412	16.50	16.45	101.16%	0.060	0.061	-
	Back side	15	6	2437	16.50	16.38	102.80%	0.062	0.064	-
	Back side	15	11	2462	16.50	16.41	102.09%	0.073	0.075	302
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.007	0.008	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.014	0.014	303
	Back side	15	39	2480	10.50	10.42	101.86%	0.010	0.011	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	13.00	12.98	100.46%	0.061	0.061	-
	Back side	15	38	5190	13.00	12.83	103.99%	0.062	0.065	-
	Back side	15	46	5230	13.00	12.98	100.46%	0.079	0.080	304
WLAN 802.11a 5.3G	Front side	15	52	5260	13.50	13.39	102.57%	0.029	0.030	-
	Back side	15	52	5260	13.50	13.39	102.57%	0.075	0.077	305
	Back side	15	60	5300	13.50	13.47	100.69%	0.062	0.063	-
	Back side	15	64	5320	13.50	13.21	106.91%	0.051	0.055	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	10.50	10.49	100.23%	0.051	0.051	-
	Back side	15	106	5530	10.50	10.38	102.80%	0.063	0.065	-
	Back side	15	122	5610	10.50	10.28	105.20%	0.046	0.049	-
	Back side	15	138	5690	10.50	10.49	100.23%	0.071	0.071	306
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	12.00	11.97	100.69%	0.057	0.058	-
	Back side	15	155	5775	12.00	11.97	100.69%	0.072	0.073	307

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	16.50	16.41	102.09%	0.005	0.005	-
	Back side	15	1	2412	16.50	16.13	108.89%	0.013	0.015	-
	Back side	15	6	2437	16.50	16.41	102.09%	0.017	0.018	-
	Back side	15	11	2462	16.50	16.35	103.51%	0.027	0.028	308
Bluetooth (GFSK)	Front side	15	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Back side	15	37	2402	10.50	10.12	109.14%	0.001	0.001	-
	Back side	15	18	2442	10.50	10.44	101.39%	0.003	0.003	309
	Back side	15	39	2480	10.50	10.42	101.86%	0.002	0.002	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	14.50	14.46	100.93%	0.052	0.053	-
	Back side	15	38	5190	14.50	14.22	106.66%	0.080	0.085	-
	Back side	15	46	5230	14.50	14.46	100.93%	0.126	0.127	310
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	16.00	15.96	100.93%	0.092	0.093	-
	Back side	15	52	5260	16.00	15.82	104.23%	0.202	0.211	-
	Back side	15	60	5300	16.00	15.96	100.93%	0.217	0.219	311
	Back side	15	64	5320	16.00	15.65	108.39%	0.182	0.197	-
WLAN 802.11a 5.6G	Front side	15	100	5500	16.50	16.46	100.93%	0.026	0.026	-
	Back side	15	100	5500	16.50	16.46	100.93%	0.092	0.093	312
	Back side	15	120	5600	16.50	16.37	103.04%	0.081	0.084	-
	Back side	15	140	5700	16.50	16.38	102.80%	0.071	0.073	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.50	16.43	101.62%	0.023	0.024	-
	Back side	15	155	5775	16.50	16.43	101.62%	0.142	0.144	313

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Hotspot_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	1	2412	16.50	16.45	101.16%	0.049	0.050	-
	Back side	10	1	2412	16.50	16.45	101.16%	0.102	0.103	-
	Back side	10	6	2437	16.50	16.38	102.80%	0.132	0.136	-
	Back side	10	11	2462	16.50	16.41	102.09%	0.151	0.154	314
	Top side	10	1	2412	16.50	16.45	101.16%	0.082	0.083	-
	Bottom side	10	1	2412	16.50	16.45	101.16%	0.001	0.001	-
	Right side	10	1	2412	16.50	16.45	101.16%	0.010	0.010	-
	Left side	10	1	2412	16.50	16.45	101.16%	0.055	0.056	-
Bluetooth (GFSK)	Front side	10	18	2442	10.50	10.44	101.39%	0.006	0.006	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.032	0.035	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.038	0.039	315
	Back side	10	39	2480	10.50	10.42	101.86%	0.022	0.023	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.010	0.010	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Right side	10	18	2442	10.50	10.44	101.39%	0.002	0.002	-
	Left side	10	18	2442	10.50	10.44	101.39%	0.017	0.017	-
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	13.00	12.98	100.46%	0.034	0.034	-
	Back side	10	38	5190	13.00	12.83	103.99%	0.091	0.095	-
	Back side	10	46	5230	13.00	12.98	100.46%	0.102	0.102	316
	Top side	10	46	5230	13.00	12.98	100.46%	0.036	0.036	-
	Bottom side	10	46	5230	13.00	12.98	100.46%	0.001	0.001	-
	Right side	10	46	5230	13.00	12.98	100.46%	0.040	0.040	-
WLAN 802.11a 5.3G	Left side	10	46	5230	13.00	12.98	100.46%	0.014	0.014	-
	Front side	10	52	5260	13.50	13.39	102.57%	0.067	0.069	-
	Back side	10	52	5260	13.50	13.39	102.57%	0.111	0.114	317
	Back side	10	60	5300	13.50	13.47	100.69%	0.102	0.103	-
	Back side	10	64	5320	13.50	13.21	106.91%	0.098	0.105	-
	Top side	10	52	5260	13.50	13.39	102.57%	0.051	0.053	-
	Bottom side	10	52	5260	13.50	13.39	102.57%	0.002	0.002	-
	Right side	10	52	5260	13.50	13.39	102.57%	0.042	0.043	-
WLAN 802.11ac(80M) 5.6G	Left side	10	52	5260	13.50	13.39	102.57%	0.017	0.017	-
	Front side	10	138	5690	10.50	10.49	100.23%	0.053	0.053	-
	Back side	10	106	5530	10.50	10.38	102.80%	0.080	0.082	-
	Back side	10	122	5610	10.50	10.28	105.20%	0.083	0.088	-
	Back side	10	138	5690	10.50	10.49	100.23%	0.087	0.087	318
	Top side	10	138	5690	10.50	10.49	100.23%	0.012	0.012	-
	Bottom side	10	138	5690	10.50	10.49	100.23%	0.001	0.001	-
	Right side	10	138	5690	10.50	10.49	100.23%	0.042	0.042	-
WLAN 802.11ac(80M) 5.8G	Left side	10	138	5690	10.50	10.49	100.23%	0.005	0.005	-
	Front side	10	155	5775	12.00	11.97	100.69%	0.038	0.038	-
	Back side	10	155	5775	12.00	11.97	100.69%	0.077	0.078	319
	Top side	10	155	5775	12.00	11.97	100.69%	0.025	0.025	-
	Bottom side	10	155	5775	12.00	11.97	100.69%	0.001	0.001	-
	Right side	10	155	5775	12.00	11.97	100.69%	0.022	0.022	-
WLAN 802.11ac(80M) 5.8G	Left side	10	155	5775	12.00	11.97	100.69%	0.006	0.006	-

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	6	2437	16.50	16.41	102.09%	0.042	0.043	-
	Back side	10	1	2412	16.50	16.13	108.89%	0.047	0.051	-
	Back side	10	6	2437	16.50	16.41	102.09%	0.053	0.054	-
	Back side	10	11	2462	16.50	16.35	103.51%	0.060	0.062	320
	Top side	10	6	2437	16.50	16.41	102.09%	0.030	0.031	-
	Bottom side	10	6	2437	16.50	16.41	102.09%	0.001	0.001	-
	Right side	10	6	2437	16.50	16.41	102.09%	0.003	0.003	-
Bluetooth (GFSK)	Left side	10	6	2437	16.50	16.41	102.09%	0.025	0.026	-
	Front side	10	18	2442	10.50	10.44	101.39%	0.012	0.012	-
	Back side	10	37	2402	10.50	10.12	109.14%	0.008	0.009	-
	Back side	10	18	2442	10.50	10.44	101.39%	0.016	0.016	321
	Back side	10	39	2480	10.50	10.42	101.86%	0.012	0.013	-
	Top side	10	18	2442	10.50	10.44	101.39%	0.008	0.009	-
	Bottom side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
WLAN 802.11n(40M) 5.2G	Right side	10	18	2442	10.50	10.44	101.39%	0.001	0.001	-
	Left side	10	18	2442	10.50	10.44	101.39%	0.008	0.008	-
	Front side	10	46	5230	14.50	14.46	100.93%	0.172	0.174	-
	Back side	10	38	5190	14.50	14.22	106.66%	0.312	0.333	-
	Back side	10	46	5230	14.50	14.46	100.93%	0.352	0.355	322
	Top side	10	46	5230	14.50	14.46	100.93%	0.177	0.179	-
	Bottom side	10	46	5230	14.50	14.46	100.93%	0.052	0.053	-
WLAN 802.11n(20M) 5.3G	Right side	10	46	5230	14.50	14.46	100.93%	0.032	0.032	-
	Left side	10	46	5230	14.50	14.46	100.93%	0.048	0.049	-
	Front side	10	60	5300	16.00	15.96	100.93%	0.222	0.224	-
	Back side	10	52	5260	16.00	15.82	104.23%	0.424	0.442	-
	Back side	10	60	5300	16.00	15.96	100.93%	0.462	0.466	323
	Back side	10	64	5320	16.00	15.65	108.39%	0.418	0.453	-
	Top side	10	60	5300	16.00	15.96	100.93%	0.201	0.203	-
WLAN 802.11a 5.6G	Bottom side	10	60	5300	16.00	15.96	100.93%	0.054	0.055	-
	Right side	10	60	5300	16.00	15.96	100.93%	0.044	0.044	-
	Left side	10	60	5300	16.00	15.96	100.93%	0.119	0.120	-
	Front side	10	100	5500	16.50	16.46	100.93%	0.147	0.148	-
	Back side	10	100	5500	16.50	16.46	100.93%	0.308	0.311	324
	Back side	10	120	5600	16.50	16.37	103.04%	0.281	0.290	-
	Back side	10	140	5700	16.50	16.38	102.80%	0.296	0.304	-
WLAN 802.11ac(80M) 5.8G	Top side	10	100	5500	16.50	16.46	100.93%	0.112	0.113	-
	Bottom side	10	100	5500	16.50	16.46	100.93%	0.036	0.036	-
	Right side	10	100	5500	16.50	16.46	100.93%	0.013	0.013	-
	Left side	10	100	5500	16.50	16.46	100.93%	0.042	0.043	-
	Front side	10	155	5775	16.50	16.43	101.62%	0.204	0.207	-
	Back side	10	155	5775	16.50	16.43	101.62%	0.400	0.406	325
	Top side	10	155	5775	16.50	16.43	101.62%	0.182	0.185	-
	Bottom side	10	155	5775	16.50	16.43	101.62%	0.016	0.016	-
	Right side	10	155	5775	16.50	16.43	101.62%	0.017	0.017	-
	Left side	10	155	5775	16.50	16.43	101.62%	0.059	0.060	-

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Body-worn_Camera mode

WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	16.00	15.95	101.16%	0.009	0.009	-
	Back side	15	1	2412	16.00	15.95	101.16%	0.030	0.030	326
	Back side	15	6	2437	16.00	15.73	106.41%	0.024	0.026	-
	Back side	15	11	2462	16.00	15.80	104.71%	0.019	0.020	-
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	13.50	13.46	100.93%	0.032	0.032	-
	Back side	15	38	5190	13.50	13.32	104.23%	0.161	0.168	-
	Back side	15	46	5230	13.50	13.46	100.93%	0.179	0.181	327
WLAN 802.11a 5.3G	Front side	15	52	5260	15.50	15.48	100.46%	0.035	0.035	-
	Back side	15	52	5260	15.50	15.48	100.46%	0.352	0.354	328
	Back side	15	60	5300	15.50	15.39	102.57%	0.340	0.349	-
	Back side	15	64	5320	15.50	15.31	104.47%	0.302	0.316	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	16.00	15.99	100.23%	0.014	0.014	-
	Back side	15	106	5530	16.00	15.45	113.50%	0.112	0.127	-
	Back side	15	122	5610	16.00	15.97	100.69%	0.124	0.125	-
	Back side	15	138	5690	16.00	15.99	100.23%	0.152	0.152	329
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.00	15.88	102.80%	0.019	0.020	-
	Back side	15	155	5775	16.00	15.88	102.80%	0.162	0.167	330

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WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	6	2437	16.00	15.91	102.09%	0.001	0.001	-
	Back side	15	1	2412	16.00	15.89	102.57%	0.030	0.031	-
	Back side	15	6	2437	16.00	15.91	102.09%	0.040	0.040	-
	Back side	15	11	2462	16.00	15.75	105.93%	0.045	0.048	331
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	14.00	13.98	100.46%	0.006	0.006	-
	Back side	15	38	5190	14.00	13.90	102.33%	0.057	0.058	-
	Back side	15	46	5230	14.00	13.98	100.46%	0.075	0.076	332
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	16.00	15.98	100.46%	0.014	0.014	-
	Back side	15	52	5260	16.00	15.82	104.23%	0.104	0.108	-
	Back side	15	60	5300	16.00	15.98	100.46%	0.118	0.119	333
	Back side	15	64	5320	16.00	15.90	102.33%	0.102	0.104	-
WLAN 802.11a 5.6G	Front side	15	100	5500	16.00	15.98	100.46%	0.051	0.051	-
	Back side	15	100	5500	16.00	15.98	100.46%	0.242	0.243	334
	Back side	15	120	5600	16.00	15.85	103.51%	0.216	0.224	-
	Back side	15	140	5700	16.00	15.90	102.33%	0.227	0.232	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.00	15.93	101.62%	0.023	0.024	-
	Back side	15	155	5775	16.00	15.93	101.62%	0.213	0.216	335

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Hotspot_Camera mode

WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	1	2412	16.00	15.95	101.16%	0.035	0.035	-
	Back side	10	1	2412	16.00	15.95	101.16%	0.089	0.090	336
	Back side	10	6	2437	16.00	15.73	106.41%	0.082	0.087	-
	Back side	10	11	2462	16.00	15.80	104.71%	0.073	0.077	-
	Top side	10	1	2412	16.00	15.95	101.16%	0.072	0.073	-
	Bottom side	10	1	2412	16.00	15.95	101.16%	0.001	0.001	-
	Right side	10	1	2412	16.00	15.95	101.16%	0.002	0.002	-
	Left side	10	1	2412	16.00	15.95	101.16%	0.025	0.026	-
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	13.50	13.46	100.93%	0.043	0.043	-
	Back side	10	38	5190	13.50	13.32	104.23%	0.412	0.429	-
	Back side	10	46	5230	13.50	13.46	100.93%	0.442	0.446	337
	Top side	10	46	5230	13.50	13.46	100.93%	0.064	0.065	-
	Bottom side	10	46	5230	13.50	13.46	100.93%	0.001	0.001	-
	Right side	10	46	5230	13.50	13.46	100.93%	0.016	0.016	-
	Left side	10	46	5230	13.50	13.46	100.93%	0.047	0.048	-
WLAN 802.11a 5.3G	Front side	10	52	5260	15.50	15.48	100.46%	0.076	0.077	-
	Back side	10	52	5260	15.50	15.48	100.46%	0.457	0.459	338
	Back side	10	60	5300	15.50	15.39	102.57%	0.436	0.447	-
	Back side	10	64	5320	15.50	15.31	104.47%	0.429	0.448	-
	Top side	10	52	5260	15.50	15.48	100.46%	0.084	0.084	-
	Bottom side	10	52	5260	15.50	15.48	100.46%	0.001	0.001	-
	Right side	10	52	5260	15.50	15.48	100.46%	0.019	0.019	-
	Left side	10	52	5260	15.50	15.48	100.46%	0.072	0.073	-
WLAN 802.11ac(80M) 5.6G	Front side	10	138	5690	16.00	15.99	100.23%	0.046	0.046	-
	Back side	10	106	5530	16.00	15.45	113.50%	0.326	0.370	-
	Back side	10	122	5610	16.00	15.97	100.69%	0.327	0.329	-
	Back side	10	138	5690	16.00	15.99	100.23%	0.373	0.374	339
	Top side	10	138	5690	16.00	15.99	100.23%	0.054	0.054	-
	Bottom side	10	138	5690	16.00	15.99	100.23%	0.001	0.001	-
	Right side	10	138	5690	16.00	15.99	100.23%	0.012	0.012	-
	Left side	10	138	5690	16.00	15.99	100.23%	0.050	0.050	-
WLAN 802.11ac(80M) 5.8G	Front side	10	155	5775	16.00	15.88	102.80%	0.026	0.027	-
	Back side	10	155	5775	16.00	15.88	102.80%	0.401	0.412	340
	Top side	10	155	5775	16.00	15.88	102.80%	0.043	0.045	-
	Bottom side	10	155	5775	16.00	15.88	102.80%	0.001	0.001	-
	Right side	10	155	5775	16.00	15.88	102.80%	0.013	0.014	-
	Left side	10	155	5775	16.00	15.88	102.80%	0.045	0.046	-

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WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	10	6	2437	16.00	15.91	102.09%	0.011	0.011	-
	Back side	10	1	2412	16.00	15.89	102.57%	0.019	0.020	-
	Back side	10	6	2437	16.00	15.91	102.09%	0.023	0.024	-
	Back side	10	11	2462	16.00	15.75	105.93%	0.030	0.032	341
	Top side	10	6	2437	16.00	15.91	102.09%	0.001	0.001	-
	Bottom side	10	6	2437	16.00	15.91	102.09%	0.006	0.006	-
	Right side	10	6	2437	16.00	15.91	102.09%	0.002	0.002	-
	Left side	10	6	2437	16.00	15.91	102.09%	0.007	0.007	-
WLAN 802.11n(40M) 5.2G	Front side	10	46	5230	14.00	13.98	100.46%	0.042	0.042	-
	Back side	10	38	5190	14.00	13.90	102.33%	0.102	0.104	-
	Back side	10	46	5230	14.00	13.98	100.46%	0.118	0.119	342
	Top side	10	46	5230	14.00	13.98	100.46%	0.001	0.001	-
	Bottom side	10	46	5230	14.00	13.98	100.46%	0.004	0.004	-
	Right side	10	46	5230	14.00	13.98	100.46%	0.002	0.002	-
	Left side	10	46	5230	14.00	13.98	100.46%	0.002	0.002	-
	Left side	10	46	5230	14.00	13.98	100.46%	0.002	0.002	-
WLAN 802.11n(20M) 5.3G	Front side	10	52	5260	16.00	15.82	104.23%	0.037	0.038	-
	Back side	10	52	5260	16.00	15.82	104.23%	0.151	0.157	343
	Back side	10	60	5300	16.00	15.98	100.46%	0.136	0.137	-
	Back side	10	64	5320	16.00	15.90	102.33%	0.124	0.127	-
	Top side	10	52	5260	16.00	15.82	104.23%	0.001	0.001	-
	Bottom side	10	52	5260	16.00	15.82	104.23%	0.047	0.049	-
	Right side	10	52	5260	16.00	15.82	104.23%	0.036	0.038	-
	Left side	10	52	5260	16.00	15.82	104.23%	0.002	0.002	-
WLAN 802.11a 5.6G	Front side	10	100	5500	16.00	15.98	100.46%	0.032	0.032	-
	Back side	10	100	5500	16.00	15.98	100.46%	0.361	0.363	344
	Back side	10	120	5600	16.00	15.85	103.51%	0.442	0.458	-
	Back side	10	140	5700	16.00	15.90	102.33%	0.421	0.431	-
	Top side	10	100	5500	16.00	15.98	100.46%	0.002	0.002	-
	Bottom side	10	100	5500	16.00	15.98	100.46%	0.065	0.066	-
	Right side	10	100	5500	16.00	15.98	100.46%	0.024	0.024	-
	Left side	10	100	5500	16.00	15.98	100.46%	0.004	0.004	-
WLAN 802.11ac(80M) 5.8G	Front side	10	155	5775	16.00	15.93	101.62%	0.053	0.054	-
	Back side	10	155	5775	16.00	15.93	101.62%	0.422	0.429	345
	Top side	10	155	5775	16.00	15.93	101.62%	0.003	0.003	-
	Bottom side	10	155	5775	16.00	15.93	101.62%	0.100	0.102	-
	Right side	10	155	5775	16.00	15.93	101.62%	0.043	0.043	-
	Left side	10	155	5775	16.00	15.93	101.62%	0.013	0.013	-

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MIMO+DBS_without WWAN

Head_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	RE Cheek	-	1	2412	17.00	16.95	101.16%	0.301	0.304	-
	Re Tilt	-	1	2412	17.00	16.95	101.16%	0.105	0.106	-
	LE Cheek	-	1	2412	17.00	16.95	101.16%	0.551	0.557	346
	LE Cheek	-	6	2437	17.00	16.73	106.41%	0.512	0.545	-
	LE Cheek	-	11	2462	17.00	16.72	106.66%	0.517	0.551	-
	LE Tilt	-	1	2412	17.00	16.95	101.16%	0.223	0.226	-
WLAN 802.11n(40M) 5.2G	RE Cheek	-	46	5230	13.50	13.48	100.46%	0.352	0.354	-
	Re Tilt	-	46	5230	13.50	13.48	100.46%	0.114	0.115	-
	LE Cheek	-	38	5190	13.50	13.43	101.62%	0.517	0.525	-
	LE Cheek	-	46	5230	13.50	13.48	100.46%	0.555	0.558	347
	LE Tilt	-	46	5230	13.50	13.48	100.46%	0.209	0.210	-
	RE Cheek	-	52	5260	14.00	13.99	100.23%	0.225	0.226	-
WLAN 802.11a 5.3G	Re Tilt	-	52	5260	14.00	13.99	100.23%	0.065	0.065	-
	LE Cheek	-	52	5260	14.00	13.99	100.23%	0.557	0.558	348
	LE Cheek	-	60	5300	14.00	13.79	104.95%	0.527	0.553	-
	LE Cheek	-	64	5320	14.00	13.87	103.04%	0.506	0.521	-
	LE Tilt	-	52	5260	14.00	13.99	100.23%	0.145	0.145	-
	RE Cheek	-	138	5690	11.00	10.98	100.46%	0.375	0.377	-
WLAN 802.11ac(80M) 5.6G	Re Tilt	-	138	5690	11.00	10.98	100.46%	0.172	0.173	-
	LE Cheek	-	106	5530	11.00	10.83	103.99%	0.434	0.451	-
	LE Cheek	-	122	5610	11.00	10.92	101.86%	0.516	0.526	-
	LE Cheek	-	138	5690	11.00	10.98	100.46%	0.568	0.571	349
	LE Tilt	-	138	5690	11.00	10.98	100.46%	0.217	0.218	-
	RE Cheek	-	155	5775	12.50	12.49	100.23%	0.188	0.188	-
WLAN 802.11ac(80M) 5.8G	Re Tilt	-	155	5775	12.50	12.49	100.23%	0.059	0.059	-
	LE Cheek	-	155	5775	12.50	12.49	100.23%	0.512	0.513	350
	LE Tilt	-	155	5775	12.50	12.49	100.23%	0.178	0.178	-
	LE Cheek	-	155	5775	12.50	12.49	100.23%	0.178	0.178	-

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Body-worn_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	15	1	2412	17.00	16.95	101.16%	0.022	0.022	-
	Back side	15	1	2412	17.00	16.95	101.16%	0.067	0.067	-
	Back side	15	6	2437	17.00	16.73	106.41%	0.068	0.073	-
	Back side	15	11	2462	17.00	16.72	106.66%	0.082	0.087	351
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	13.50	13.48	100.46%	0.041	0.041	-
	Back side	15	38	5190	13.50	13.43	101.62%	0.071	0.072	-
	Back side	15	46	5230	13.50	13.48	100.46%	0.087	0.087	352
WLAN 802.11a 5.3G	Front side	15	52	5260	14.00	13.99	100.23%	0.031	0.031	-
	Back side	15	52	5260	14.00	13.99	100.23%	0.085	0.085	353
	Back side	15	60	5300	14.00	13.79	104.95%	0.062	0.065	-
	Back side	15	64	5320	14.00	13.87	103.04%	0.051	0.053	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	11.00	10.98	100.46%	0.053	0.053	-
	Back side	15	106	5530	11.00	10.83	103.99%	0.065	0.068	-
	Back side	15	122	5610	11.00	10.92	101.86%	0.052	0.053	-
	Back side	15	138	5690	11.00	10.98	100.46%	0.082	0.082	354
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	12.50	12.49	100.23%	0.055	0.055	-
	Back side	15	155	5775	12.50	12.49	100.23%	0.082	0.082	355

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Body-worn_Camera mode

WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	14.50	14.47	100.69%	0.043	0.044	-
	Back side	15	38	5190	14.50	14.33	103.99%	0.189	0.197	-
	Back side	15	46	5230	14.50	14.47	100.69%	0.226	0.228	356
WLAN 802.11a 5.3G	Front side	15	52	5260	16.50	16.39	102.57%	0.048	0.049	-
	Back side	15	52	5260	16.50	16.39	102.57%	0.445	0.456	357
	Back side	15	60	5300	16.50	16.25	105.93%	0.411	0.435	-
	Back side	15	64	5320	16.50	16.31	104.47%	0.382	0.399	-
WLAN 802.11ac(80M) 5.6G	Front side	15	138	5690	17.00	16.97	100.69%	0.014	0.014	-
	Back side	15	106	5530	17.00	15.45	142.89%	0.144	0.206	-
	Back side	15	122	5610	17.00	16.86	103.28%	0.173	0.179	-
	Back side	15	138	5690	17.00	16.97	100.69%	0.211	0.212	358
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	17.00	16.98	100.46%	0.024	0.024	-
	Back side	15	155	5775	17.00	16.98	100.46%	0.215	0.216	359

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WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	15	46	5230	15.00	14.96	100.93%	0.008	0.008	-
	Back side	15	38	5190	15.00	14.75	105.93%	0.088	0.094	-
	Back side	15	46	5230	15.00	14.96	100.93%	0.095	0.096	360
WLAN 802.11n(20M) 5.3G	Front side	15	60	5300	17.00	16.71	106.91%	0.018	0.019	-
	Back side	15	52	5260	17.00	16.89	102.57%	0.131	0.134	-
	Back side	15	60	5300	17.00	16.71	106.91%	0.148	0.158	361
	Back side	15	64	5320	17.00	16.65	108.39%	0.139	0.150	-
WLAN 802.11a 5.6G	Front side	15	100	5500	17.00	16.96	100.93%	0.064	0.065	-
	Back side	15	100	5500	17.00	16.96	100.93%	0.315	0.318	362
	Back side	15	120	5600	17.00	16.87	103.04%	0.283	0.292	-
	Back side	15	140	5700	17.00	16.90	102.33%	0.289	0.295	-
WLAN 802.11ac(80M) 5.8G	Front side	15	155	5775	16.00	15.83	103.99%	0.010	0.011	-
	Back side	15	155	5775	16.00	15.83	103.99%	0.204	0.212	363

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Product specific 10-g SAR_Calling mode

WLAN Ant 4 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	1	2412	20.00	19.75	105.93%	0.724	0.767	-
	Back side	0	1	2412	20.00	19.75	105.93%	0.941	0.997	-
	Back side	0	6	2437	20.00	19.53	111.43%	0.821	0.915	-
	Back side	0	11	2462	20.00	19.70	107.15%	1.080	1.157	364
	Top side	0	1	2412	20.00	19.75	105.93%	0.522	0.553	-
	Bottom side	0	1	2412	20.00	19.75	105.93%	0.007	0.008	-
	Right side	0	1	2412	20.00	19.75	105.93%	0.479	0.507	-
Bluetooth (GFSK)	Left side	0	1	2412	20.00	19.75	105.93%	0.223	0.236	-
	Front side	0	18	2442	14.00	13.54	111.17%	0.212	0.236	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.209	0.274	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.301	0.335	365
	Back side	0	39	2480	13.00	11.42	143.88%	0.129	0.186	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.143	0.159	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.002	0.003	-
WLAN 802.11n(40M) 5.2G	Right side	0	18	2442	14.00	13.54	111.17%	0.102	0.113	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.082	0.091	-
	Front side	0	46	5230	16.50	16.48	100.46%	0.563	0.566	-
	Back side	0	38	5190	16.50	16.03	111.43%	0.612	0.682	-
	Back side	0	46	5230	16.50	16.48	100.46%	0.731	0.734	366
	Top side	0	46	5230	16.50	16.48	100.46%	0.388	0.390	-
	Bottom side	0	46	5230	16.50	16.48	100.46%	0.006	0.006	-
WLAN 802.11a 5.3G	Right side	0	46	5230	16.50	16.48	100.46%	0.331	0.333	-
	Left side	0	46	5230	16.50	16.48	100.46%	0.164	0.165	-
	Front side	0	52	5260	17.00	16.99	100.23%	0.580	0.581	-
	Back side	0	52	5260	17.00	16.99	100.23%	0.846	0.848	367
	Back side	0	60	5300	17.00	16.79	104.95%	0.742	0.779	-
	Back side	0	64	5320	17.00	16.87	103.04%	0.632	0.651	-
	Top side	0	52	5260	17.00	16.99	100.23%	0.431	0.432	-
WLAN 802.11ac(80M) 5.6G	Bottom side	0	52	5260	17.00	16.99	100.23%	0.007	0.007	-
	Right side	0	52	5260	17.00	16.99	100.23%	0.413	0.414	-
	Left side	0	52	5260	17.00	16.99	100.23%	0.207	0.207	-
	Front side	0	138	5690	14.00	13.99	100.23%	0.293	0.294	-
	Back side	0	106	5530	14.00	13.78	105.20%	0.253	0.266	-
	Back side	0	122	5610	14.00	13.88	102.80%	0.291	0.299	-
	Back side	0	138	5690	14.00	13.99	100.23%	0.320	0.321	368
WLAN 802.11ac(80M) 5.8G	Top side	0	138	5690	14.00	13.99	100.23%	0.209	0.209	-
	Bottom side	0	138	5690	14.00	13.99	100.23%	0.003	0.003	-
	Right side	0	138	5690	14.00	13.99	100.23%	0.201	0.201	-
	Left side	0	138	5690	14.00	13.99	100.23%	0.093	0.093	-
	Front side	0	155	5775	15.50	15.48	100.46%	0.312	0.313	-
	Back side	0	155	5775	15.50	15.48	100.46%	0.381	0.383	369
	Top side	0	155	5775	15.50	15.48	100.46%	0.254	0.255	-
WLAN 802.11ac(80M) 5.8G	Bottom side	0	155	5775	15.50	15.48	100.46%	0.005	0.005	-
	Right side	0	155	5775	15.50	15.48	100.46%	0.211	0.212	-
	Left side	0	155	5775	15.50	15.48	100.46%	0.105	0.105	-

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WLAN Ant 6 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	6	2437	20.00	19.61	109.40%	0.471	0.515	-
	Back side	0	1	2412	20.00	19.49	112.46%	0.412	0.463	-
	Back side	0	6	2437	20.00	19.61	109.40%	0.567	0.620	-
	Back side	0	11	2462	20.00	19.55	110.92%	0.518	0.575	370
	Top side	0	6	2437	20.00	19.61	109.40%	0.382	0.418	-
	Bottom side	0	6	2437	20.00	19.61	109.40%	0.119	0.130	-
	Right side	0	6	2437	20.00	19.61	109.40%	0.101	0.110	-
	Left side	0	6	2437	20.00	19.61	109.40%	0.212	0.232	-
Bluetooth (GFSK)	Front side	0	18	2442	14.00	13.54	111.17%	0.073	0.081	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.083	0.109	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.108	0.120	371
	Back side	0	39	2480	13.00	11.42	143.88%	0.064	0.092	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.061	0.068	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.050	0.056	-
	Right side	0	18	2442	14.00	13.54	111.17%	0.032	0.036	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.053	0.059	-
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	18.00	16.76	133.05%	0.563	0.749	-
	Back side	0	38	5190	18.00	16.25	149.62%	0.637	0.953	-
	Back side	0	46	5230	18.00	16.76	133.05%	0.735	0.978	372
	Top side	0	46	5230	18.00	16.76	133.05%	0.427	0.568	-
	Bottom side	0	46	5230	18.00	16.76	133.05%	0.092	0.122	-
	Right side	0	46	5230	18.00	16.76	133.05%	0.083	0.110	-
	Left side	0	46	5230	18.00	16.76	133.05%	0.216	0.287	-
	Left side	0	46	5230	18.00	16.76	133.05%	0.216	0.287	-
WLAN 802.11n(20M) 5.3G	Front side	0	60	5300	19.50	19.49	100.23%	0.812	0.814	-
	Back side	0	52	5260	19.50	19.42	101.86%	0.926	0.943	-
	Back side	0	60	5300	19.50	19.49	100.23%	1.020	1.022	373
	Back side	0	64	5320	19.50	18.35	130.32%	0.725	0.945	-
	Top side	0	60	5300	19.50	19.49	100.23%	0.592	0.593	-
	Bottom side	0	60	5300	19.50	19.49	100.23%	0.139	0.139	-
	Right side	0	60	5300	19.50	19.49	100.23%	0.126	0.126	-
	Left side	0	60	5300	19.50	19.49	100.23%	0.328	0.329	-
WLAN 802.11a 5.6G	Front side	0	100	5500	20.00	19.76	105.68%	0.628	0.664	-
	Back side	0	100	5500	20.00	19.76	105.68%	0.845	0.893	374
	Back side	0	120	5600	20.00	19.57	110.41%	0.793	0.876	-
	Back side	0	140	5700	20.00	19.58	110.15%	0.801	0.882	-
	Top side	0	100	5500	20.00	19.76	105.68%	0.462	0.488	-
	Bottom side	0	100	5500	20.00	19.76	105.68%	0.120	0.127	-
	Right side	0	100	5500	20.00	19.76	105.68%	0.108	0.114	-
	Left side	0	100	5500	20.00	19.76	105.68%	0.239	0.253	-
WLAN 802.11ac(80M) 5.8G	Front side	0	155	5775	20.00	19.63	108.89%	0.929	1.012	-
	Back side	0	155	5775	20.00	19.63	108.89%	1.070	1.165	375
	Top side	0	155	5775	20.00	19.63	108.89%	0.693	0.755	-
	Bottom side	0	155	5775	20.00	19.63	108.89%	0.166	0.181	-
	Right side	0	155	5775	20.00	19.63	108.89%	0.142	0.155	-
	Left side	0	155	5775	20.00	19.63	108.89%	0.354	0.385	-

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Product specific 10-g SAR_Camera mode

WLAN Ant 6 (Chain 0)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	1	2412	20.00	19.75	105.93%	0.089	0.094	-
	Back side	0	1	2412	20.00	19.75	105.93%	0.727	0.770	376
	Back side	0	6	2437	20.00	19.53	111.43%	0.643	0.716	-
	Back side	0	11	2462	20.00	19.70	107.15%	0.598	0.641	-
	Top side	0	1	2412	20.00	19.75	105.93%	0.118	0.125	-
	Bottom side	0	1	2412	20.00	19.75	105.93%	0.001	0.002	-
	Right side	0	1	2412	20.00	19.75	105.93%	0.102	0.108	-
Bluetooth (GFSK)	Left side	0	1	2412	20.00	19.75	105.93%	0.067	0.071	-
	Front side	0	18	2442	14.00	13.54	111.17%	0.022	0.024	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.201	0.264	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.258	0.287	377
	Back side	0	39	2480	13.00	11.42	143.88%	0.163	0.235	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.094	0.104	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.001	0.001	-
WLAN 802.11n(40M) 5.2G	Right side	0	18	2442	14.00	13.54	111.17%	0.081	0.090	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.052	0.058	-
	Front side	0	46	5230	17.50	16.57	123.88%	0.243	0.301	-
	Back side	0	38	5190	17.50	16.03	140.28%	0.598	0.839	-
	Back side	0	46	5230	17.50	16.57	123.88%	0.738	0.914	378
	Top side	0	46	5230	17.50	16.57	123.88%	0.382	0.473	-
	Bottom side	0	46	5230	17.50	16.57	123.88%	0.002	0.003	-
WLAN 802.11a 5.3G	Right side	0	46	5230	17.50	16.57	123.88%	0.210	0.260	-
	Left side	0	46	5230	17.50	16.57	123.88%	0.052	0.065	-
	Front side	0	52	5260	19.50	18.99	112.46%	0.432	0.486	-
	Back side	0	52	5260	19.50	18.99	112.46%	1.060	1.192	379
	Back side	0	60	5300	19.50	18.82	116.95%	0.927	1.084	-
	Back side	0	64	5320	19.50	18.81	117.22%	0.918	1.076	-
	Top side	0	52	5260	19.50	18.99	112.46%	0.485	0.545	-
WLAN 802.11ac(80M) 5.6G	Bottom side	0	52	5260	19.50	18.99	112.46%	0.003	0.003	-
	Right side	0	52	5260	19.50	18.99	112.46%	0.251	0.282	-
	Left side	0	52	5260	19.50	18.99	112.46%	0.063	0.071	-
	Front side	0	138	5690	20.00	19.17	121.06%	0.416	0.503	-
	Back side	0	106	5530	17.00	15.45	142.89%	0.426	0.609	-
	Back side	0	122	5610	20.00	19.16	121.34%	0.835	1.013	-
	Back side	0	138	5690	20.00	19.17	121.06%	0.907	1.098	380
WLAN 802.11ac(80M) 5.8G	Top side	0	138	5690	20.00	19.17	121.06%	0.362	0.438	-
	Bottom side	0	138	5690	20.00	19.17	121.06%	0.002	0.002	-
	Right side	0	138	5690	20.00	19.17	121.06%	0.217	0.263	-
	Left side	0	138	5690	20.00	19.17	121.06%	0.052	0.063	-
	Front side	0	155	5775	20.00	19.48	112.72%	0.407	0.459	-
	Back side	0	155	5775	20.00	19.48	112.72%	1.020	1.150	381
	Top side	0	155	5775	20.00	19.48	112.72%	0.370	0.417	-
WLAN 802.11ac(80M) 5.8G	Bottom side	0	155	5775	20.00	19.48	112.72%	0.002	0.002	-
	Right side	0	155	5775	20.00	19.48	112.72%	0.222	0.250	-
	Left side	0	155	5775	20.00	19.48	112.72%	0.053	0.060	-

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WLAN Ant 5 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11b	Front side	0	6	2437	20.00	19.61	109.40%	0.043	0.047	-
	Back side	0	1	2412	20.00	19.49	112.46%	0.429	0.482	-
	Back side	0	6	2437	20.00	19.61	109.40%	0.452	0.494	-
	Back side	0	11	2462	20.00	19.55	110.92%	0.473	0.525	382
	Top side	0	6	2437	20.00	19.61	109.40%	0.002	0.003	-
	Bottom side	0	6	2437	20.00	19.61	109.40%	0.064	0.070	-
	Right side	0	6	2437	20.00	19.61	109.40%	0.037	0.041	-
	Left side	0	6	2437	20.00	19.61	109.40%	0.008	0.009	-
Bluetooth (GFSK)	Front side	0	18	2442	14.00	13.54	111.17%	0.018	0.020	-
	Back side	0	37	2402	14.00	12.82	131.22%	0.104	0.136	-
	Back side	0	18	2442	14.00	13.54	111.17%	0.132	0.147	383
	Back side	0	39	2480	13.00	11.42	143.88%	0.093	0.134	-
	Top side	0	18	2442	14.00	13.54	111.17%	0.001	0.001	-
	Bottom side	0	18	2442	14.00	13.54	111.17%	0.026	0.029	-
	Right side	0	18	2442	14.00	13.54	111.17%	0.013	0.014	-
	Left side	0	18	2442	14.00	13.54	111.17%	0.004	0.004	-
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	18.00	16.76	133.05%	0.037	0.049	-
	Back side	0	38	5190	18.00	16.25	149.62%	0.299	0.447	-
	Back side	0	46	5230	18.00	16.76	133.05%	0.341	0.454	384
	Top side	0	46	5230	18.00	16.76	133.05%	0.002	0.003	-
	Bottom side	0	46	5230	18.00	16.76	133.05%	0.050	0.066	-
	Right side	0	46	5230	18.00	16.76	133.05%	0.027	0.036	-
	Left side	0	46	5230	18.00	16.76	133.05%	0.006	0.008	-
	Left side	0	46	5230	18.00	16.76	133.05%	0.006	0.008	-
WLAN 802.11n(20M) 5.3G	Front side	0	60	5300	20.00	19.71	106.91%	0.049	0.053	-
	Back side	0	52	5260	20.00	19.52	111.69%	0.396	0.442	-
	Back side	0	60	5300	20.00	19.71	106.91%	0.423	0.452	385
	Back side	0	64	5320	20.00	18.35	146.22%	0.279	0.408	-
	Top side	0	60	5300	20.00	19.71	106.91%	0.005	0.005	-
	Bottom side	0	60	5300	20.00	19.71	106.91%	0.060	0.064	-
	Right side	0	60	5300	20.00	19.71	106.91%	0.043	0.046	-
	Left side	0	60	5300	20.00	19.71	106.91%	0.007	0.007	-
WLAN 802.11a 5.6G	Front side	0	100	5500	20.00	19.76	105.68%	0.095	0.101	-
	Back side	0	100	5500	20.00	19.76	105.68%	1.210	1.279	386
	Back side	0	120	5600	20.00	19.57	110.41%	1.070	1.181	-
	Back side	0	140	5700	20.00	19.58	110.15%	1.020	1.124	-
	Top side	0	100	5500	20.00	19.76	105.68%	0.014	0.015	-
	Bottom side	0	100	5500	20.00	19.76	105.68%	0.294	0.311	-
	Right side	0	100	5500	20.00	19.76	105.68%	0.127	0.134	-
	Left side	0	100	5500	20.00	19.76	105.68%	0.019	0.020	-
WLAN 802.11ac(80M) 5.8G	Front side	0	155	5775	19.00	18.83	103.99%	0.056	0.059	-
	Back side	0	155	5775	19.00	18.83	103.99%	0.506	0.526	387
	Top side	0	155	5775	19.00	18.83	103.99%	0.008	0.008	-
	Bottom side	0	155	5775	19.00	18.83	103.99%	0.182	0.189	-
	Right side	0	155	5775	19.00	18.83	103.99%	0.098	0.102	-
	Left side	0	155	5775	19.00	18.83	103.99%	0.017	0.017	-

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WLAN only

Product specific 10-g SAR_Camera mode

WLAN Ant 7 (Chain 1)

Mode	Position	Distance (mm)	CH	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 10g (W/kg)		Plot page
								Measured	Reported	
WLAN 802.11n(40M) 5.2G	Front side	0	46	5230	18.00	16.76	133.05%	0.100	0.133	-
	Back side	0	38	5190	18.00	16.25	149.62%	0.481	0.720	-
	Back side	0	46	5230	18.00	16.76	133.05%	0.551	0.733	388
	Top side	0	46	5230	18.00	16.76	133.05%	0.008	0.011	-
	Bottom side	0	46	5230	18.00	16.76	133.05%	0.018	0.024	-
	Right side	0	46	5230	18.00	16.76	133.05%	0.097	0.128	-
	Left side	0	46	5230	18.00	16.76	133.05%	0.003	0.004	-
WLAN 802.11n(20M) 5.3G	Front side	0	60	5300	20.00	19.71	106.91%	0.207	0.221	-
	Back side	0	52	5260	20.00	19.52	111.69%	1.030	1.150	-
	Back side	0	60	5300	20.00	19.71	106.91%	1.150	1.229	389
	Back side	0	64	5320	20.00	18.35	146.22%	0.753	1.101	-
	Top side	0	60	5300	20.00	19.71	106.91%	0.015	0.016	-
	Bottom side	0	60	5300	20.00	19.71	106.91%	0.033	0.035	-
	Right side	0	60	5300	20.00	19.71	106.91%	0.174	0.186	-
	Left side	0	60	5300	20.00	19.71	106.91%	0.005	0.005	-
WLAN 802.11a 5.6G	Front side	0	100	5500	20.00	19.76	105.68%	0.106	0.112	-
	Back side	0	100	5500	20.00	19.76	105.68%	0.496	0.524	390
	Back side	0	120	5600	20.00	19.57	110.41%	0.461	0.509	-
	Back side	0	140	5700	20.00	19.58	110.15%	0.469	0.517	-
	Top side	0	100	5500	20.00	19.76	105.68%	0.006	0.007	-
	Bottom side	0	100	5500	20.00	19.76	105.68%	0.018	0.019	-
	Right side	0	100	5500	20.00	19.76	105.68%	0.094	0.099	-
	Left side	0	100	5500	20.00	19.76	105.68%	0.004	0.004	-
WLAN 802.11ac(80M) 5.8G	Front side	0	155	5775	20.00	19.63	108.89%	0.059	0.064	-
	Back side	0	155	5775	20.00	19.63	108.89%	0.282	0.307	391
	Top side	0	155	5775	20.00	19.63	108.89%	0.005	0.006	-
	Bottom side	0	155	5775	20.00	19.63	108.89%	0.009	0.010	-
	Right side	0	155	5775	20.00	19.63	108.89%	0.054	0.058	-
	Left side	0	155	5775	20.00	19.63	108.89%	0.002	0.002	-

Note:

$$\text{Scaling} = \frac{\text{reported SAR}}{\text{measured SAR}} = \frac{P_2(\text{mW})}{P_1(\text{mW})} = 10^{\left(\frac{P_2 - P_1}{10}\right)}(\text{dBm})$$

Reported SAR = measured SAR * (scaling)

Where P2 is maximum specified power, P1 is measured conducted power

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2.3 Supplemental Head SAR results

WWAN only

WWAN[illegible]

ENDC

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1st SAR (W/kg)	Average Value of Time Saveres (W/kg)																		
									Auto-Timesteprate 30																		
									0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	
LTE Band 13	QPSK	704	2380	1	0	REC	0 mm	0.113	0.115	0.106	0.112	0.115	0.088	0.067	0.074	0.115	0.085	0.069	0.112	0.108	0.074	0.084	0.104	0.075	0.101	0.079	0.10
									90	95	100	105	110	115	120	125	130	135	140								
									0.069	0.091	0.095	0.102	0.096	0.072	0.104	0.107	0.114	0.079	0.083								
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1st SAR (W/kg)	Average Value of Time Saveres (W/kg)																		
									Auto-Timesteprate 133																		
									1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	8	
LTE Band 26	QPSK	821.5	2676	1	0	REC	0mm	0.117	0.12	0.075	0.115	0.098	0.093	0.099	0.071	0.119	0.079	0.102	0.103	0.118	0.11	0.071	0.081	0.114	0.071	0.1	0.08
									91	96	101	106	111	116	121	126	131	136	141								
									0.080	0.096	0.102	0.111	0.078	0.085	0.1	0.09	0.119	0.109	0.1								
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1st SAR (W/kg)	Average Value of Time Saveres (W/kg)																		
									Auto-Timesteprate 102																		
									0	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	8	
FRI 8	QPSK	836.5	18790	1	53	REC	0 mm	0.037	0.071	0.151	0.143	0.0081	0.0101	0.0121	0.0151	0.0141	0.0131	0.0151	0.0001	0.0091	0.0161	0.0091	0.0081	0.0161	0.0141	0.0001	0.012
									93	98	103	108	113	118	123	128	133	138	143								
									0.0091	0.0151	0.0171	0.0141	0.0081	0.0131	0.0091	0.0131	0.0161	0.0131	0.0151								
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1st SAR (W/kg)	Average Value of Time Saveres (W/kg)																		
									Auto-Timesteprate 130																		
									4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	8	
FRI 471	QPSK	673	134600	1	1	REC	0 mm	0.0102	0.00996	0.00099	0.00456	0.00393	0.00293	0.00662	0.00426	0.00276	0.00701	0.00364	0.00019	0.00602	0.00298	0.00741	0.00393	0.00645	0.00549	0.00796	0.00525
									84	89	94	109	114	119	124	129	134	139	144								
									0.00523	0.00738	0.00619	0.00213	0.00561	0.00236	0.00716	0.00444	0.00043	0.00493	0.00099								

Inter ULCA

[illegible]

WWAN with WLAN calling

WWAN standalone

Mode	Modulation	Frequency (MHz)	Channel	HS Slot	HS Offset	Test pattern	Test distance	Measured 50-SAL 100-SAL	Average value of Time Slowing (ns/Hz)																						
WCDMA-B1	HSC 3.2 Gbps	4130	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo (240)																						
									0.106	0.052	0.054	0.033	0.087	0.035	0.070	0.059	0.024	0.059	0.079	0.067	0.071	0.071	0.069	0.089	0.041	0.103	0.099	0.09	0.074		
WCDMA-B1	HSC 3.2 Gbps	4130	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo 270																						
									0.113	0.053	0.1	0.104	0.079	0.055	0.062	0.113	0.058	0.053	0.074	0.066	0.074	0.083	0.059	0.087	0.059	0.071	0.070	0.059	0.087	0.059	
LTE-Band 33	QPSK	3530	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo 880																						
									0.12	0.134	0.084	0.19	0.139	0.074	0.083	0.111	0.074	0.082	0.044	0.075	0.068	0.1	0.132	0.044	0.122	0.113	0.048	0.088	0.113	0.048	
LTE-Band 33	QPSK	3530	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo 280																						
									0.12	0.134	0.084	0.19	0.139	0.074	0.083	0.111	0.074	0.082	0.044	0.075	0.068	0.1	0.132	0.044	0.122	0.113	0.048	0.088	0.113	0.048	
LTE-Band 33	QPSK	3530	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo 280																						
									0.12	0.134	0.084	0.19	0.139	0.074	0.083	0.111	0.074	0.082	0.044	0.075	0.068	0.1	0.132	0.044	0.122	0.113	0.048	0.088	0.113	0.048	
LTE-Band 33	QPSK	3530	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo 280																						
									0.12	0.134	0.084	0.19	0.139	0.074	0.083	0.111	0.074	0.082	0.044	0.075	0.068	0.1	0.132	0.044	0.122	0.113	0.048	0.088	0.113	0.048	
Mode	Modulation	Frequency (MHz)	Channel	HS Slot	HS Offset	HSC	Test pattern	Test distance	Measured 50-SAL 100-SAL	Average value of Time Slowing (ns/Hz)																					
LTE-Band 20	QPSK	26706	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo 280																						
									0.12	0.055	0.1	0.053	0.093	0.026	0.052	0.112	0.072	0.076	0.051	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	
LTE-Band 71	QPSK	873	HS Slot	HS Offset	HSC	Data	Test distance	Measured 50-SAL 100-SAL	Auto-Tempo 880																						
									0.11	0.137	0.17	0.137	0.09	0.11	0.137	0.139	0.1	0.137	0.076	0.1	0.137	0.08	0.1	0.137	0.08	0.1	0.137	0.08	0.1	0.137	0.08

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ENDC

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 10)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	
LTE Band 12	QPSK	704	23960	1	0	REC	6mm	0.113	0.106	0.112	0.115	0.088	0.067	0.074	0.115	0.085	0.069	0.112	0.108	0.074	0.094	0.104	0.075	0.101	0.079	0.105		
									90	95	100	105	110	115	120	125	130	135	140									
									0.099	0.091	0.096	0.102	0.098	0.072	0.104	0.107	0.114	0.079	0.083									
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 131)	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	
LTE Band 26	QPSK	821.5	26765	1	0	REC	0mm	0.113	0.12	0.075	0.115	0.098	0.093	0.099	0.071	0.119	0.079	0.102	0.101	0.115	0.11	0.071	0.081	0.114	0.071	0.1	0.088	
									0.0151	0.0141	0.0081	0.0101	0.0121	0.0151	0.0141	0.0131	0.0151	0.0061	0.0091	0.0181	0.0081	0.0081	0.0161	0.0141	0.0091	0.0121		
									91	96	101	106	111	116	121	126	131	136	141									
FRR n5	QPSK	836.5	167300	1	53	REC	0 mm	0.087	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 131)	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	
									0.0171	0.0151	0.0141	0.0081	0.0101	0.0121	0.0151	0.0141	0.0131	0.0151	0.0061	0.0091	0.0181	0.0081	0.0081	0.0161	0.0141	0.0091	0.0121	
									93	98	103	108	113	118	123	128	133	138	143									
									0.0091	0.0151	0.0171	0.041	0.0081	0.0131	0.0081	0.0131	0.0161	0.0131	0.0121									
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 130)	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	
FRR n7	QPSK	673	134600	1	1	REC	0 mm	0.0002	0.00991	0.00099	0.00456	0.00393	0.005923	0.00682	0.00426	0.00276	0.00701	0.00364	0.0019	0.00602	0.00298	0.00741	0.005933	0.00645	0.00943	0.00796	0.00525	
									94	99	104	109	114	119	124	129	134	139										
									0.00523	0.00738	0.00473	0.00545	0.00213	0.00525	0.00531	0.0069	0.00448	0.00985										

Inter ULCA

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																		
									Auto-Tune(state 111)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85
LTE Band 12	QPSK	704	23960	1	0	REC	0mm	0.082	0.083	0.075	0.057	0.011	0.025	0.013	0.057	0.031	0.05	0.007	0.046	0.063	0.056	0.042	0.067	0.036	0.014	0.053	0.012
									90	95	100	105	110	115	120	125	130	135	140								
									0.01	0.051	0.023	0.014	0.076	0.033	0.071	0.016	0.081	0.056	0.061	0.003	0.032	0.007	0.037	0.017	0.054	0.001	
LTE Band 26	QPSK	821.5	26765	1	0	REC	0mm	0.071	Auto-Tune(state 46)	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86
									0.0721	0.0592	0.0041	0.0171	0.0081	0.0491	0.0011	0.0601	0.0191	0.0011	0.0261	0.0601	0.0391	0.0331	0.0011	0.0011	0.0691	0.0401	0.0061
									95	55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106
LTE Band 13	QPSK	768	23920	1	46	Back	15mm	0.251	Auto-Tune(state 14)	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86
									0.239	0.109	0.107	0.059	0.29	0.249	0.071	0.204	0.061	0.065	0.217	0.038	0.209	0.032	0.091	0.215	0.143	0.25	0.097
									93	98	103	108	113	118	123	128	133	138	143								
LTE Band 26	QPSK	821.5	26765	1	0	Back	15mm	0.304	Auto-Tune(state 9)	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86
									0.31	0.003	0.3	0.281	0.294	0.283	0.159	0.245	0.194	0.139	0.271	0.177	0.074	0.132	0.275	0.223	0.025	0.265	0.296
									91	96	101	106	111	116	121	126	131	136	141								
LTE Band 71	QPSK	673	134600	1	0	Front	15mm	0.028	Auto-Tune(state 42)	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89
									0.0288	0.0119	0.0188	0.0279	0.0188	0.0248	0.0179	0.0288	0.0118	0.0188	0.0288	0.0188	0.0279	0.0128	0.0258	0.0178	0.0268	0.0128	0.0128
									93	98	103	108	113	118	123	128	133	138	143								

2.4 Supplemental Body-worn SAR results

WWAN only

WWAN

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
									Auto-Tune(state 75)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
WCDMA-B5	FDD-LTE	845.0	4031	16	16	Front	15mm	0.138	0.182	0.07	0.134	0.143	0.159	0.115	0.038	0.113	0.095	0.18	0.054	0.047	0.102	0.171	0.187	0.133	0.101	0.025	0.142	0.16	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0.07	0.15	0



Inter ULCA

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune(state 72)	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51		
LTE Band 12	QPSK	704	25050	1	0	Back side	15mm	0.152	0.154	0.134	0.116	0.031	0.044	0.078	0.066	0.116	0.18	0.21	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	
									0.052	0.116	0.149	0.11	0.057	0.008	0.114	0.157	0.132	0.173	0.181	0.083	0.127	0.167	0.078	0.003	0.035	0.06	0.117	0.103	
									0.042	0.135	0.001	0.088	0.084	0.1	0.148	0.057	0.075	0.029	0.102	0.131	0.13	0.046	0.077	0.098	0.095	0.145			
									0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.41									
									0.022	0.017	0.093	0.072	0.071	0.052	0.037	0.019	0.143	0.134	0.091	0.032									

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune(state 31)	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52		
LTE Band 26	QPSK	821.5	26765	1	0	Back side	15mm	0.184	0.180	0.052	0.116	0.148	0.11	0.057	0.008	0.114	0.167	0.132	0.173	0.181	0.083	0.127	0.167	0.078	0.003	0.076	0.06	0.117	0.103
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106			
									0.07	0.111	0.118	0.136	0.06	0.042	0.046	0.093	0.147	0.115	0.13	0.143	0.135	0.127	0.156	0.093	0.043	0.172			
									0.09	0.112	0.115	0.118	0.121	0.124	0.127	0.130	0.133	0.136	0.139	0.142									
									0.118	0.052	0.025	0.031	0.18	0.095	0.043	0.18	0.085	0.017	0.147	0.14									

WWAN+WLAN calling

WWAN standalone (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
									Auto-Tune(state 126)	0	4	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	
WCDMA RS	FDD 12.2 KHz	885.6	423	na	na	Front	10mm	0.127	0.50	0.23	0.324	0.074	0.033	0.4	0.13	0.11	0.023	0.446	0.077	0.243	0.184	0.099	0.445	0.105	0.387	0.118	0.257	0.378	
									0.088	0.174	0.122	0.203	0.109	0.139	0.179	0.088	0.116	0.023	0.039	0.192	0.116	0.03	0.176	0.083	0.048	0.044	0.294	0.13	0.142
									0.052	0.116	0.149	0.11	0.057	0.008	0.114	0.157	0.132	0.173	0.181	0.083	0.127	0.167	0.078	0.003	0.035	0.06	0.117	0.103	
									0.042	0.135	0.001	0.088	0.084	0.1	0.148	0.057	0.075	0.029	0.102	0.131	0.13	0.046	0.077	0.098	0.095	0.145			
									0.08	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.41									
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																				
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127	Auto-Tune(state 126)	1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103		
LTE Band 6	QPSK	729.6	2398	1	0	Front	10mm	0.127																					

ENDC (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 52)	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	
LTE Band 5	QPSK	829	20450	1	0	Front	10mm	0.106	0.21	0.077	0.002	0.000	0.09	0.07	0.129	0.124	0.169	0.124	0.09	0.156	0.177	0.012	0.208	0.016	0.053	0.1	0.055	
									0.026	0.143	0.127	0.179	0.126	0.164	0.202	0.031	0.117	0.042	0.115	0.206	0.112	0.008	0.09	0.115	0.118	0.193		
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 117)	1	5	9	13	17	21	25	29	33	37	41	45	49	53	57	61	65	69	
LTE Band 12	QPSK	704	23060	1	0	Front	10mm	0.195	0.208	0.149	0.033	0.082	0.116	0.137	0.18	0.67	0.031	0.032	0.003	0.183	0.041	0.16	0.166	0.058	0.158	0.119	0.162	
									0.093	0.13	0.21	0.1	0.55	0.09	0.13	0.17	0.08	0.13	0.12	0.11	0.126	0.11	0.125	0.129	0.133	0.137	0.141	
									0.111	0.164	0.135	0.061	0.073	0.026	0.09	0.097	0.192	0.085	0.002	0.204	0.039	0.001	0.025	0.063	0.146	0.034		
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 10)	2	6	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	
FRR v5	QPSK	836.5	167300	1	53	Front	10mm	0.08	0.0859	0.009	0.0609	0.0839	0.0769	0.069	0.0629	0.0579	0.0499	0.0319	0.0229	0.0479	0.0269	0.0769	0.0369	0.0659	0.0299	0.0599	0.0389	
									0.0719	0.0339	0.0799	0.0339	0.0689	0.0629	0.0579	0.0499	0.0319	0.0229	0.0479	0.0269	0.0769	0.0369	0.0659	0.0299	0.0599	0.0389		
									0.179	0.0339	0.0799	0.0339	0.0689	0.0629	0.0579	0.0499	0.0319	0.0229	0.0479	0.0269	0.0769	0.0369	0.0659	0.0299	0.0599	0.0389		
Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 107)	3	7	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71	
FRR v7	QPSK	673	134600	1	0	Front	10mm	0.026	0.0236	0.0095	0.0195	0.0215	0.0045	0.0195	0.0095	0.0125	0.0245	0.0055	0.0195	0.0265	0.0265	0.0265	0.0265	0.0265	0.0075	0.0135		
									0.0125	0.0075	0.0195	0.0045	0.0195	0.0095	0.0125	0.0245	0.0055	0.0195	0.0265	0.0265	0.0265	0.0265	0.0265	0.0265	0.0075	0.0135		
									0.125	0.0075	0.0195	0.0045	0.0195	0.0095	0.0125	0.0245	0.0055	0.0195	0.0265	0.0265	0.0265	0.0265	0.0265	0.0075	0.0135			

Inter ULCA (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 2g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(state 114)	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	
LTE Band 12	QPSK	704	23060	1	0	Front side	10mm	0.142	0.148	0.088	0.003	0.132	0.135	0.018	0.032	0.115	0.08	0.063	0.138	0.1	0.134	0.079	0.046	0.113	0.069	0.02	0.043	
								0.058	0.135	0.019	0.13	0.048	0.057	0.11	0.024	0.085	0.078	0.035	0.054	0.102	0.012	0.057	0.002	0.009	0.141			
								0.109	0.111	0.14	0.117	0.20	0.12	0.18	0.19	0.18	0.13	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		
								0.101	0.112	0.143	0.083	0.122	0.006	0.01	0.107	0.11	0.109	0.106	0.017									
								0.0095	0.0195	0.0215	0.0045	0.0085	0.0085	0.0125	0.0245	0.0055	0.0015	0.0265	0.0145	0.0205	0.0145	0.0225	0.06	0.078	0.145			

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																					
									Auto-Tune(state 139)	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52			
LTE Band 26	QPSK	821.5	26765	1	0	Front side	10mm	0.146	0.255	0.214	0.127	0.255	0.061	0.13	0.168	0.075	0.091	0.069	0.001	0.045	0.231	0.195	0.146	0.223	0.06	0.078	0.145			
									0.058	0.135	0.019	0.13	0.048	0.057	0.11	0.024	0.085	0.078	0.035	0.054	0.102	0.012	0.057	0.002	0.009	0.141				
									0.0095	0.0195	0.0215	0.0045	0.0085	0.0085	0.0125	0.0245	0.0055	0.0015	0.0265	0.0145	0.0205	0.0145	0.0225	0.06	0.078	0.145				
									0.211	0.229	0.104	0.209	0.142	0.244	0.08	0.136	0.188	0.209	0.197	0.083	0.039	0.158	0.171	0.214	0.091	0.113				
									0.112	0.218	0.251	0.193	0.021	0.067	0.017	0.255	0.052	0.055	0.044	0.248										

WWAN+WLAN camera

WWAN standalone (body-worn and Hotspot)

[illegible]

ENDC (body-worn and Hotspot)

[illegible]

Inter ULCA (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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LTE Band 25	QPSK	704	25000	1	0	Front side	10mm	0.142	0.148	0.088	0.003	0.132	0.135	0.018	0.032	0.115	0.08	0.063	0.138	0.1	0.134	0.079	0.046	0.113	0.069	0.02	0.043	0.056	0.135	0.019	0.13	0.046	0.057	0.11	0.021	0.085	0.078	0.035	0.054	0.102	0.012	0.057	0.002	0.009	0.141																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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WWAN+WLAN normal

WWAN standalone (body-worn and Hotspot)

Modn	Modulation	Frequency (MHz)	Channel	HSR	HS Offset	Test position	Test distance	Measured Time (ns)	Average Value of Time Scales (ns)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
WFOA-M	12.5	88.25	12.5 kHz	4215	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																												

ENDC (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured lg SAR (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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								Auto-Tune(rate 48)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
LTE Band 5	QPSK	826	26450	1	0	Front	10mm	0.139	0.192	0.174	0.176	0.046	0.152	0.056	0.055	0.035	0.101	0.08	0.057	0.046	0.05	0.179	0.125	0.144	0.176	0.047	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Inter ULCA (body-worn and Hotspot)

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured Ig SAR (W/kg)	Average Value of Time Sweep (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
									Auto-Tune(state 114)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
LTE Band 12	QPSK	704	23060	1	0	Front side	10mm	0.142	0.148	0.088	0.003	0.132	0.135	0.018	0.032	0.115	0.08	0.063	0.138	0.11	0.134	0.079	0.046	0.113	0.068	0.02	0.043																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
									54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
									0.056	0.135	0.019	0.13	0.046	0.057	0.11	0.021	0.085	0.078	0.035	0.054	0.102	0.012	0.057	0.002	0.009	0.141																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
									108	111	114	117	120	123	126	129	132	135	138	141																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



2.5 Supplemental Product specific 10-g SAR results

WWAN only

WWAN

Mode	Modulation	Frequency (MHz)	Channel	RF Size	RF Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
WCDMA R5	RNC 12.2 Kbps	846.6	4233	94	94	Front	Down	1.16	Auto-Tune/beam 150	-0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138			
								1.16		2.3	1.7	1.7	0.644	0.431	0.653	0.412	0.663	0.538	2.49	2.06	2.04	1.93	2.08	1.63	1.72	2.81	2.86	3.41	0.299	0.545	0.603	1.2	1.24			
Mode	Modulation	Frequency (MHz)	Channel	RF Size	RF Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 12	QPSK	734	2300	1	0	Front	Down	0.763	Auto-Tune/beam 150	-1	7	13	19	25	31	37	43	49	55	61	67	73	79	85	91	97	103	109	115	121	127	133	139			
								2.28		1.45	1.431	0.264	0.64	1.77	0.39	0.402	1.97	0.598	0.73	1.36	0.875	1	0.777	0.38	0.27	0.621	2.29	2.15	0.416	1.71	1.06	0.96				
Mode	Modulation	Frequency (MHz)	Channel	RF Size	RF Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 13	QPSK	732	2320	1	0	Front	Down	0.845	Auto-Tune/beam 150	-2	8	14	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116	122	128	134	140			
								2.74		1.01	2.09	2.2	0.677	1.1	2.17	1.23	1.49	0.871	1.73	0.82	1.17	1.09	1.4	2.3	1.46	0.752	2.1	1.35	2.73	1.88	0.723	0.903	1.61			
Mode	Modulation	Frequency (MHz)	Channel	RF Size	RF Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 26	QPSK	821.4	2676	1	0	Front	Down	0.763	Auto-Tune/beam 150	-3	9	15	21	27	33	39	45	51	57	63	69	75	81	87	93	99	105	111	117	123	129	135	141			
								1.29		1.79	1.61	2.38	1.46	0.378	0.261	0.276	0.14	0.62	0.738	0.252	0.182	2.11	2.08	1.53	1.32	2.88	2.77	2.79	0.571	0.155	0.243	0.424	0.85			
Mode	Modulation	Frequency (MHz)	Channel	RF Size	RF Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
LTE Band 71	QPSK	679	13222	1	0	Front	Down	0.543	Auto-Tune/beam 250	-5	11	17	23	29	35	41	47	53	59	65	71	77	83	89	95	101	107	113	119	125	131	137	143			
								1.78		0.323	0.925	0.85	0.51	1.75	1.31	1.12	1.08	0.307	0.129	1.39	1.42	1.14	1.61	1.1	1.3	1.74	1.22	0.943	0.258	0.313	0.777	0.247	0.463			

Band	WCDMA V			
Mode	RMC 12.2 Kbps			
Position	Front			
Distance (mm)	0mm			
Frequency (MHz)	846.6			
Channel	4233			
Measured 10g SAR	1.16			
Average Value of Time Sweep				
Marker value	Maximum	Marker value	Maximum	
Auto-Tune	3.630			
State 0	2.310	State 72	1.950	
State 1	1.830	State 73	1.940	
State 2	1.620	State 74	2.060	
State 3	1.840	State 75	2.070	
State 4	2.320	State 76	2.130	
State 5	2.310	State 77	2.070	
State 6	1.730	State 78	2.060	
State 7	2.500	State 79	1.900	
State 8	2.220	State 80	2.130	
State 9	1.570	State 81	2.070	
State 10	2.220	State 82	1.730	
State 11	2.360	State 83	1.900	
State 12	1.750	State 84	1.670	
State 13	2.610	State 85	1.820	
State 14	1.940	State 86	1.600	
State 15	1.770	State 87	1.970	
State 16	1.960	State 88	1.590	
State 17	1.800	State 89	1.740	
State 18	0.644	State 90	1.730	
State 19	0.421	State 91	3.150	
State 20	0.554	State 92	2.910	
State 21	0.499	State 93	3.210	
State 22	0.558	State 94	2.640	
State 23	0.635	State 95	3.030	
State 24	0.435	State 96	2.850	
State 25	0.623	State 97	2.880	
State 26	0.271	State 98	2.830	
State 27	0.350	State 99	2.910	
State 28	0.671	State 100	3.330	
State 29	0.889	State 101	3.000	
State 30	0.663	State 102	2.870	
State 31	0.786	State 103	2.810	
State 32	0.807	State 104	3.010	
State 33	0.409	State 105	2.990	
State 34	0.840	State 106	3.130	
State 35	0.350	State 107	3.200	
State 36	0.440	State 108	3.440	
State 37	0.410	State 109	0.354	
State 38	0.380	State 110	0.309	
State 39	0.610	State 111	0.650	
State 40	1.060	State 112	0.743	
State 41	0.880	State 113	0.542	
State 42	0.700	State 114	0.327	
State 43	0.830	State 115	0.699	
State 44	0.860	State 116	0.445	
State 45	0.880	State 117	0.683	
State 46	1.150	State 118	0.548	
State 47	0.910	State 119	0.673	
State 48	0.540	State 120	0.583	
State 49	0.630	State 121	0.622	
State 50	0.870	State 122	0.725	
State 51	0.380	State 123	0.883	
State 52	1.040	State 124	0.712	
State 53	0.630	State 125	0.638	
State 54	2.510	State 126	0.814	
State 55	2.650	State 127	0.710	
State 56	2.540	State 128	0.410	
State 57	2.190	State 129	0.720	
State 58	2.220	State 130	1.300	
State 59	1.990	State 131	1.010	
State 60	2.090	State 132	1.200	
State 61	2.540	State 133	0.730	
State 62	2.140	State 134	0.690	
State 63	2.290	State 135	1.350	
State 64	2.370	State 136	1.280	
State 65	2.610	State 137	0.840	
State 66	2.080	State 138	1.270	
State 67	2.280	State 139	0.580	
State 68	2.380	State 140	0.510	
State 69	2.060	State 141	1.130	
State 70	2.440	State 142	0.350	
State 71	2.120	State 143	0.560	

Band	LTE Band 26		
Mode	QPSK BW15, 1/0 RB		
Position	Front		
Distance (mm)	0mm		
Frequency (MHz)	821.5		
Channel	26765		
Measured 10g SAR	1.22		
Average Value of Time Sweep			
Marker value	Maximum	Marker value	Maximum
Auto-Tune	3.740		
State 0	2.490	State 72	2.010
State 1	1.910	State 73	2.050
State 2	1.760	State 74	2.240
State 3	1.890	State 75	2.190
State 4	2.440	State 76	2.230
State 5	2.230	State 77	2.110
State 6	1.880	State 78	2.190
State 7	2.550	State 79	2.070
State 8	2.380	State 80	2.170
State 9	1.750	State 81	2.190
State 10	2.400	State 82	1.870
State 11	2.530	State 83	1.930
State 12	1.850	State 84	1.780
State 13	2.640	State 85	1.930
State 14	2.030	State 86	1.760
State 15	1.820	State 87	2.110
State 16	1.970	State 88	1.750
State 17	1.950	State 89	1.950
State 18	0.724	State 90	1.770
State 19	0.481	State 91	3.220
State 20	0.734	State 92	2.990
State 21	0.549	State 93	3.280
State 22	0.678	State 94	2.810
State 23	0.685	State 95	3.040
State 24	0.535	State 96	2.890
State 25	0.693	State 97	2.950
State 26	0.411	State 98	3.000
State 27	0.330	State 99	2.860
State 28	0.601	State 100	3.180
State 29	0.709	State 101	2.980
State 30	0.593	State 102	2.780
State 31	0.606	State 103	2.740
State 32	0.687	State 104	2.820
State 33	0.359	State 105	2.800
State 34	0.700	State 106	2.980
State 35	0.350	State 107	3.110
State 36	0.330	State 108	2.840
State 37	0.390	State 109	0.284
State 38	0.320	State 110	0.269
State 39	0.530	State 111	0.580
State 40	0.880	State 112	0.573
State 41	0.640	State 113	0.442
State 42	0.640	State 114	0.287
State 43	0.810	State 115	0.659
State 44	0.850	State 116	0.315
State 45	0.730	State 117	0.503
State 46	0.970	State 118	0.418
State 47	0.880	State 119	0.563
State 48	0.520	State 120	0.513
State 49	0.590	State 121	0.462
State 50	0.850	State 122	0.715
State 51	0.320	State 123	0.733
State 52	0.970	State 124	0.612
State 53	0.700	State 125	0.618
State 54	2.390	State 126	0.654
State 55	2.460	State 127	0.530
State 56	2.420	State 128	0.290
State 57	2.050	State 129	0.570
State 58	2.040	State 130	1.150
State 59	1.990	State 131	0.930
State 60	2.050	State 132	1.170
State 61	2.380	State 133	0.660
State 62	2.090	State 134	0.590
State 63	2.120	State 135	1.190
State 64	2.230	State 136	1.220
State 65	2.450	State 137	0.660
State 66	1.980	State 138	1.240
State 67	2.110	State 139	0.430
State 68	2.200	State 140	0.390
State 69	1.950	State 141	1.040
State 70	2.250	State 142	0.250
State 71	2.090	State 143	0.400

ENDC

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune (state 95)																											
LTE Band 12	QPSK	704	23050	1	0	Front	0mm	0.702	2.28	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85									
									1.63	1.521	0.474	0.75	1.81	0.93	0.432	2.02	0.678	0.82	1.2	0.855	1.07	0.897	0.391	0.31	0.36	0.783										
									90	95	100	105	110	115	120	125	130	135	140																	
									2.15	2.21	0.555	1.89	1.24	1.04	1.19	1.2	0.97	0.974	0.92																	

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune (state 91)																											
LTE Band 26	QPSK	821.5	26755	1	0	Front	0mm	1.22	3.72	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86									
									1.83	1.77	2.47	1.81	0.379	0.291	0.456	0.2	0.78	0.836	0.312	2.32	2.27	1.97	1.97	2.07	2.17	1.68										
									91	96	101	106	111	116	121	126	131	136	141																	
									3.15	2.88	2.91	2.92	0.57	0.195	0.432	0.604	0.86	1.16	0.922																	

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune (state 8)																											
FIS 05	QPSK	836.5	167300	1	53	Front	0mm	0.186	0.637	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88									
									0.52	0.635	0.562	0.372	0.323	0.262	0.559	0.266	0.551	0.427	0.515	0.542	0.49	0.298	0.26	0.468	0.518	0.242										
									93	98	103	108	113	118	123	128	133	138	143																	
									0.172	0.254	0.334	0.328	0.25	0.632	0.202	0.465	0.618	0.554	0.402																	

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																											
									Auto-Tune (state 99)																											
FIS 071	QPSK	873	134600	1	1	Front	0mm	0.052	0.178	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89									
									0.165	0.076	0.102	0.169	0.112	0.087	0.098	0.122	0.123	0.133	0.163	0.102	0.165	0.145	0.157	0.091	0.125	0.095										
									94	99	104	109	114	119	124	129	134	139																		
									0.164	0.173	0.077	0.095	0.151	0.098	0.166	0.109	0.081	0.085																		

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Band	LTE Band 26		
Mode	QPSK BW15, 1/0 RB		
Position	Front		
Distance (mm)	0mm		
Frequency (MHz)	821.5		
Channel	26765		
Measured 10g SAR	1.22		
Average Value of Time Sweep			
Marker value	Maximum	Marker value	Maximum
Auto-Tune	3.740		
State 0	2.490	State 72	2.010
State 1	1.910	State 73	2.050
State 2	1.760	State 74	2.240
State 3	1.890	State 75	2.190
State 4	2.440	State 76	2.230
State 5	2.330	State 77	2.110
State 6	1.860	State 78	2.190
State 7	2.550	State 79	2.070
State 8	2.380	State 80	2.170
State 9	1.750	State 81	2.190
State 10	2.400	State 82	1.870
State 11	2.530	State 83	1.930
State 12	1.850	State 84	1.780
State 13	2.640	State 85	1.930
State 14	2.030	State 86	1.760
State 15	1.820	State 87	2.110
State 16	1.970	State 88	1.750
State 17	1.950	State 89	1.850
State 18	0.724	State 90	1.770
State 19	0.481	State 91	3.220
State 20	0.734	State 92	2.990
State 21	0.549	State 93	3.070
State 22	0.678	State 94	2.810
State 23	0.685	State 95	3.040
State 24	0.535	State 96	2.890
State 25	0.693	State 97	2.950
State 26	0.411	State 98	3.000
State 27	0.330	State 99	2.860
State 28	0.601	State 100	3.180
State 29	0.709	State 101	2.980
State 30	0.593	State 102	2.780
State 31	0.606	State 103	2.740
State 32	0.687	State 104	2.820
State 33	0.359	State 105	2.800
State 34	0.700	State 106	2.980
State 35	0.350	State 107	3.110
State 36	0.330	State 108	2.840
State 37	0.390	State 109	0.284
State 38	0.320	State 110	0.269
State 39	0.530	State 111	0.580
State 40	0.880	State 112	0.573
State 41	0.840	State 113	0.442
State 42	0.640	State 114	0.287
State 43	0.810	State 115	0.659
State 44	0.850	State 116	0.315
State 45	0.730	State 117	0.503
State 46	0.970	State 118	0.418
State 47	0.860	State 119	0.563
State 48	0.520	State 120	0.513
State 49	0.590	State 121	0.462
State 50	0.850	State 122	0.715
State 51	0.320	State 123	0.733
State 52	0.970	State 124	0.612
State 53	0.700	State 125	0.618
State 54	2.390	State 126	0.654
State 55	2.460	State 127	0.530
State 56	2.420	State 128	0.290
State 57	2.050	State 129	0.570
State 58	2.040	State 130	1.150
State 59	1.990	State 131	0.930
State 60	2.050	State 132	1.170
State 61	2.380	State 133	0.660
State 62	2.090	State 134	0.590
State 63	2.120	State 135	1.190
State 64	2.230	State 136	1.220
State 65	2.450	State 137	0.660
State 66	1.980	State 138	1.240
State 67	2.110	State 139	0.430
State 68	2.200	State 140	0.390
State 69	1.950	State 141	1.040
State 70	2.250	State 142	0.250
State 71	2.090	State 143	0.400

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Inter ULCA

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																			
									Auto-Tune(rate 70)	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	
LTE Band 12	QPSK	704	23060	1	0	Front	0mm	0.503	1.36	0.850	0.009	1.28	0.189	0.828	0.199	1.047	0.062	0.797	0.277	0.435	0.783	0.398	0.597	0.049	0.137	0.245	0.503	
									54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105		
									1.12	0.372	1.26	0.704	0.825	0.375	1.03	0.593	1.32	0.074	0.103	0.825	1.31	0.515	0.484	0.47	0.299	0.275		
									108	111	114	117	120	123	126	129	132	135	138	141								
																			0.607	0.965	0.421	1.15	0.017	1.04	0.951	0.875	0.241	0.165

Mode	Modulation	Frequency (MHz)	Channel	RB Size	RB Offset	Test position	Test distance	Measured 10g SAR (W/kg)	Average Value of Time Sweep (W/kg)																		
									Auto-Tune(rate 140)	1	4	7	10	13	16	19	22	25	28	31	34	37	40	43	46	49	52
LTE Band 26	QPSK	821.5	26765	1	0	Front	0mm	0.726	1.71	0.813	0.389	0.727	0.88	0.34	0.122	0.449	0.05	0.066	1.48	0.851	0.503	1.12	1.35	1.34	0.601	1.33	0.19
									55	58	61	64	67	70	73	76	79	82	85	88	91	94	97	100	103	106	
									1.36	0.766	0.329	0.127	1.09	1.29	0.03	0.581	0.15	1.04	1.5	1.08	1.47	0.597	1.05	0.095	1.22	1.27	
									109	112	115	118	121	124	127	130	133	136	139	142							
																			1.32	1.57	1.42	0.323	1.63	0.959	1.56	1.62	0.624

2.6 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

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3. Simultaneous Transmission Analysis

Simultaneous Transmission Scenarios:

Mode	Simultaneous Transmission configurations	Head	Body-worn	Hotspot	Product specific 10g-SAR
Calling mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes
Camera mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes
Normal mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes
Gaming mode	WWAN+WLAN 2.4G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)	Yes	Yes	Yes	Yes
	WWAN+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G(Chain0)+WLAN 5GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G MIMO+Bluetooth(Chain1)	Yes	Yes	Yes	Yes
	WWAN+WLAN 5G(Chain0)+WLAN 2.4GHz(Chain1)+Bluetooth(Chain0)	Yes	Yes	Yes	Yes
	WWAN+WLAN 2.4G MIMO+WLAN 5GHz MIMO (WWAN+DBS)	Yes	Yes	Yes	Yes

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3.1 Estimated SAR calculation

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

$$\text{Estimated SAR} = \frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{f(\text{GHz})}}{7.5}$$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

3.2 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

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 $(\text{SAR1} + \text{SAR2})^{1.5}/R_i$, 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.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and R_i is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

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Simultaneous Transmission Combination

WLAN MIMO

Calling_Head

The simultaneous head exposure conditions for WLAN calling mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
ReCheek	0.304	0.435	0.377	0.390	0.444	0.111	0.740	0.681	0.694	1.256	1.269	1.210	0.923	0.936	0.878	1.506
ReTilt	0.106	0.132	0.173	0.160	0.161	0.052	0.239	0.279	0.266	0.466	0.454	0.494	0.357	0.344	0.385	0.571
LeCheek	0.557	0.181	0.571	0.206	0.586	0.065	0.738	1.128	0.763	1.337	0.972	1.362	0.816	0.452	0.842	1.514
LeTilt	0.226	0.100	0.218	0.101	0.203	0.035	0.325	0.444	0.326	0.521	0.404	0.522	0.353	0.236	0.354	0.644

Calling_Body-worn

The simultaneous body-worn exposure conditions for WLAN calling mode and normal Portrait mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.022	0.013	0.055	0.206	0.004	0.003	0.036	0.078	0.229	0.072	0.223	0.265	0.071	0.222	0.264	0.297
Back side	0.087	0.065	0.087	0.486	0.031	0.011	0.152	0.174	0.573	0.184	0.583	0.605	0.164	0.563	0.584	0.726

Camera_Body-worn

The simultaneous body-worn exposure conditions for WLAN Camera mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.025	0.004	0.049	0.065	0.003	0.016	0.028	0.074	0.089	0.055	0.071	0.116	0.068	0.084	0.129	0.142
Back side	0.076	0.115	0.456	0.318	0.017	0.193	0.191	0.532	0.394	0.589	0.450	0.791	0.765	0.626	0.967	0.965

Normal_Landscape_Body

The simultaneous body-worn exposure conditions for WLAN normal landscape mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.046	0.004	0.125	0.128	0.004	0.016	0.050	0.171	0.174	0.133	0.135	0.257	0.145	0.148	0.269	0.303
Back side	0.164	0.115	0.179	0.628	0.031	0.193	0.279	0.343	0.792	0.326	0.775	0.838	0.488	0.937	1.000	1.086

Gaming_Body

The simultaneous body-worn exposure conditions for WLAN Gaming mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.022	0.004	0.055	0.083	0.004	0.016	0.026	0.078	0.105	0.063	0.090	0.142	0.075	0.103	0.154	0.165
Back side	0.087	0.115	0.087	0.451	0.031	0.193	0.202	0.174	0.538	0.234	0.598	0.569	0.396	0.760	0.731	0.740

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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SISO_Head+Body

Calling_Head_UAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GSM 850	ReCheek	0.524	0.606	0.435	0.534	0.390	0.195	0.050	1.130	1.155	1.253	1.109	1.109	0.964
	ReTilt	0.304	0.231	0.132	0.236	0.160	0.073	0.023	0.535	0.509	0.612	0.563	0.537	0.487
	LeCheek	0.328	1.102	0.181	0.833	0.206	0.266	0.030	1.430	0.774	1.427	1.191	0.799	0.563
	LeTilt	0.290	0.476	0.100	0.324	0.101	0.091	0.015	0.765	0.481	0.705	0.629	0.482	0.405
WCDMA Band V	ReCheek	0.462	0.606	0.435	0.534	0.390	0.195	0.050	1.068	1.092	1.191	1.046	1.046	0.901
	ReTilt	0.273	0.231	0.132	0.236	0.160	0.073	0.023	0.504	0.479	0.582	0.532	0.506	0.457
	LeCheek	0.325	1.102	0.181	0.833	0.206	0.266	0.030	1.427	0.772	1.424	1.188	0.797	0.561
	LeTilt	0.229	0.476	0.100	0.324	0.101	0.091	0.015	0.705	0.420	0.644	0.568	0.421	0.345
LTE Band 12	ReCheek	0.321	0.606	0.435	0.534	0.390	0.195	0.050	0.927	0.952	1.050	0.906	0.906	0.761
	ReTilt	0.212	0.231	0.132	0.236	0.160	0.073	0.023	0.443	0.417	0.521	0.471	0.445	0.395
	LeCheek	0.234	1.102	0.181	0.833	0.206	0.266	0.030	1.336	0.680	1.333	1.097	0.706	0.469
	LeTilt	0.155	0.476	0.100	0.324	0.101	0.091	0.015	0.630	0.346	0.570	0.494	0.347	0.271
LTE Band 13	ReCheek	0.516	0.606	0.435	0.534	0.390	0.195	0.050	1.122	1.146	1.245	1.100	1.101	0.956
	ReTilt	0.253	0.231	0.132	0.236	0.160	0.073	0.023	0.484	0.458	0.561	0.512	0.486	0.436
	LeCheek	0.313	1.102	0.181	0.833	0.206	0.266	0.030	1.415	0.759	1.412	1.176	0.785	0.549
	LeTilt	0.241	0.476	0.100	0.324	0.101	0.091	0.015	0.716	0.432	0.656	0.580	0.433	0.356
LTE Band 26	ReCheek	0.457	0.606	0.435	0.534	0.390	0.195	0.050	1.063	1.087	1.186	1.041	1.042	0.897
	ReTilt	0.279	0.231	0.132	0.236	0.160	0.073	0.023	0.510	0.485	0.588	0.538	0.512	0.463
	LeCheek	0.317	1.102	0.181	0.833	0.206	0.266	0.030	1.418	0.763	1.415	1.179	0.788	0.552
	LeTilt	0.248	0.476	0.100	0.324	0.101	0.091	0.015	0.723	0.439	0.663	0.587	0.440	0.364
LTE Band 71	ReCheek	0.279	0.606	0.435	0.534	0.390	0.195	0.050	0.885	0.909	1.008	0.863	0.863	0.718
	ReTilt	0.165	0.231	0.132	0.236	0.160	0.073	0.023	0.396	0.371	0.474	0.424	0.399	0.349
	LeCheek	0.232	1.102	0.181	0.833	0.206	0.266	0.030	1.333	0.678	1.330	1.094	0.703	0.467
	LeTilt	0.141	0.476	0.100	0.324	0.101	0.091	0.015	0.617	0.333	0.557	0.480	0.333	0.257
NR n41	ReCheek	0.048	0.606	0.435	0.534	0.390	0.195	0.050	0.654	0.679	0.777	0.633	0.633	0.488
	ReTilt	0.023	0.231	0.132	0.236	0.160	0.073	0.023	0.254	0.229	0.332	0.282	0.256	0.207
	LeCheek	0.013	1.102	0.181	0.833	0.206	0.266	0.030	1.115	0.459	1.112	0.876	0.485	0.249
	LeTilt	0.009	0.476	0.100	0.324	0.101	0.091	0.015	0.484	0.200	0.424	0.348	0.201	0.125

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Calling_Head_LAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(LAT)														
WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GSM 850	ReCheek	0.282	0.606	0.435	0.534	0.390	0.195	0.050	0.888	0.912	1.011	0.866	0.867	0.722
	ReTilt	0.125	0.231	0.132	0.236	0.160	0.073	0.023	0.356	0.331	0.434	0.384	0.359	0.309
	LeCheek	0.176	1.102	0.181	0.833	0.206	0.266	0.030	1.277	0.622	1.274	1.038	0.647	0.411
	LeTilt	0.097	0.476	0.100	0.324	0.101	0.091	0.015	0.572	0.288	0.512	0.436	0.289	0.213
GSM 1900	ReCheek	0.091	0.606	0.435	0.534	0.390	0.195	0.050	0.697	0.721	0.820	0.675	0.676	0.531
	ReTilt	0.059	0.231	0.132	0.236	0.160	0.073	0.023	0.289	0.264	0.367	0.318	0.292	0.242
	LeCheek	0.118	1.102	0.181	0.833	0.206	0.266	0.030	1.219	0.564	1.216	0.980	0.589	0.353
	LeTilt	0.077	0.476	0.100	0.324	0.101	0.091	0.015	0.552	0.268	0.492	0.416	0.269	0.193
WCDMA Band II	ReCheek	0.251	0.606	0.435	0.534	0.390	0.195	0.050	0.857	0.881	0.980	0.835	0.835	0.690
	ReTilt	0.182	0.231	0.132	0.236	0.160	0.073	0.023	0.413	0.387	0.490	0.441	0.415	0.365
	LeCheek	0.302	1.102	0.181	0.833	0.206	0.266	0.030	1.403	0.748	1.400	1.164	0.773	0.537
	LeTilt	0.230	0.476	0.100	0.324	0.101	0.091	0.015	0.706	0.421	0.645	0.569	0.422	0.346
WCDMA Band IV	ReCheek	0.176	0.606	0.435	0.534	0.390	0.195	0.050	0.782	0.806	0.905	0.760	0.761	0.616
	ReTilt	0.127	0.231	0.132	0.236	0.160	0.073	0.023	0.357	0.332	0.435	0.386	0.360	0.310
	LeCheek	0.246	1.102	0.181	0.833	0.206	0.266	0.030	1.348	0.692	1.345	1.109	0.718	0.482
	LeTilt	0.160	0.476	0.100	0.324	0.101	0.091	0.015	0.636	0.352	0.576	0.499	0.352	0.276
WCDMA Band V	ReCheek	0.141	0.606	0.435	0.534	0.390	0.195	0.050	0.747	0.771	0.870	0.725	0.725	0.581
	ReTilt	0.103	0.231	0.132	0.236	0.160	0.073	0.023	0.334	0.309	0.412	0.362	0.336	0.287
	LeCheek	0.110	1.102	0.181	0.833	0.206	0.266	0.030	1.212	0.556	1.209	0.973	0.581	0.345
	LeTilt	0.071	0.476	0.100	0.324	0.101	0.091	0.015	0.546	0.262	0.486	0.410	0.263	0.187
LTE Band 7	ReCheek	0.097	0.606	0.435	0.534	0.390	0.195	0.050	0.703	0.727	0.826	0.682	0.682	0.537
	ReTilt	0.058	0.231	0.132	0.236	0.160	0.073	0.023	0.289	0.264	0.367	0.317	0.291	0.242
	LeCheek	0.127	1.102	0.181	0.833	0.206	0.266	0.030	1.229	0.573	1.226	0.990	0.599	0.363
	LeTilt	0.087	0.476	0.100	0.324	0.101	0.091	0.015	0.562	0.278	0.502	0.426	0.279	0.203
LTE Band 12	ReCheek	0.166	0.606	0.435	0.534	0.390	0.195	0.050	0.772	0.796	0.895	0.750	0.751	0.606
	ReTilt	0.060	0.231	0.132	0.236	0.160	0.073	0.023	0.291	0.266	0.369	0.319	0.293	0.244
	LeCheek	0.097	1.102	0.181	0.833	0.206	0.266	0.030	1.198	0.543	1.195	0.959	0.568	0.332
	LeTilt	0.033	0.476	0.100	0.324	0.101	0.091	0.015	0.509	0.225	0.449	0.372	0.225	0.149
LTE Band 13	ReCheek	0.181	0.606	0.435	0.534	0.390	0.195	0.050	0.787	0.811	0.910	0.765	0.765	0.621
	ReTilt	0.067	0.231	0.132	0.236	0.160	0.073	0.023	0.298	0.272	0.376	0.326	0.300	0.250
	LeCheek	0.092	1.102	0.181	0.833	0.206	0.266	0.030	1.193	0.538	1.190	0.954	0.563	0.327
	LeTilt	0.037	0.476	0.100	0.324	0.101	0.091	0.015	0.513	0.228	0.452	0.376	0.229	0.153
LTE Band 25	ReCheek	0.220	0.606	0.435	0.534	0.390	0.195	0.050	0.826	0.850	0.949	0.804	0.805	0.660
	ReTilt	0.135	0.231	0.132	0.236	0.160	0.073	0.023	0.366	0.340	0.443	0.394	0.368	0.318
	LeCheek	0.331	1.102	0.181	0.833	0.206	0.266	0.030	1.433	0.777	1.430	1.194	0.803	0.567
	LeTilt	0.152	0.476	0.100	0.324	0.101	0.091	0.015	0.628	0.343	0.567	0.491	0.344	0.268
LTE Band 26	ReCheek	0.141	0.606	0.435	0.534	0.390	0.195	0.050	0.747	0.771	0.870	0.725	0.725	0.580
	ReTilt	0.082	0.231	0.132	0.236	0.160	0.073	0.023	0.312	0.287	0.390	0.340	0.315	0.265
	LeCheek	0.092	1.102	0.181	0.833	0.206	0.266	0.030	1.193	0.538	1.190	0.954	0.563	0.327
	LeTilt	0.051	0.476	0.100	0.324	0.101	0.091	0.015	0.526	0.242	0.466	0.390	0.243	0.167
LTE Band 30	ReCheek	0.109	0.606	0.435	0.534	0.390	0.195	0.050	0.715	0.739	0.838	0.693	0.694	0.549
	ReTilt	0.070	0.231	0.132	0.236	0.160	0.073	0.023	0.301	0.275	0.378	0.329	0.303	0.253
	LeCheek	0.180	1.102	0.181	0.833	0.206	0.266	0.030	1.282	0.626	1.279	1.043	0.652	0.416
	LeTilt	0.120	0.476	0.100	0.324	0.101	0.091	0.015	0.595	0.311	0.535	0.459	0.312	0.236
LTE Band 41	ReCheek	0.148	0.606	0.435	0.534	0.390	0.195	0.050	0.754	0.778	0.877	0.733	0.733	0.588
	ReTilt	0.090	0.231	0.132	0.236	0.160	0.073	0.023	0.321	0.296	0.399	0.349	0.324	0.274
	LeCheek	0.180	1.102	0.181	0.833	0.206	0.266	0.030	1.281	0.626	1.278	1.042	0.651	0.415
	LeTilt	0.107	0.476	0.100	0.324	0.101	0.091	0.015	0.582	0.298	0.522	0.446	0.299	0.223
LTE Band 48	ReCheek	0.039	0.606	0.435	0.534	0.390	0.195	0.050	0.644	0.669	0.767	0.623	0.623	0.478
	ReTilt	0.022	0.231	0.132	0.236	0.160	0.073	0.023	0.253	0.228	0.331	0.281	0.255	0.206
	LeCheek	0.080	1.102	0.181	0.833	0.206	0.266	0.030	1.182	0.526	1.179	0.943	0.552	0.316
	LeTilt	0.029	0.476	0.100	0.324	0.101	0.091	0.015	0.504	0.220	0.444	0.368	0.221	0.144
LTE Band 66	ReCheek	0.245	0.606	0.435	0.534	0.390	0.195	0.050	0.851	0.875	0.974	0.829	0.830	0.685
	ReTilt	0.165	0.231	0.132	0.236	0.160	0.073	0.023	0.396	0.370	0.473	0.424	0.398	0.348
	LeCheek	0.343	1.102	0.181	0.833	0.206	0.266	0.030	1.444	0.789	1.441	1.205	0.814	0.578
	LeTilt	0.218	0.476	0.100	0.324	0.101	0.091	0.015	0.694	0.409	0.633	0.557	0.410	0.334
LTE Band 71	ReCheek	0.172	0.606	0.435	0.534	0.390	0.195	0.050	0.777	0.802	0.900	0.756	0.756	0.611
	ReTilt	0.081	0.231	0.132	0.236	0.160	0.073	0.023	0.312	0.287	0.390	0.340	0.314	0.265
	LeCheek	0.106	1.102	0.181	0.833	0.206	0.266	0.030	1.208	0.552	1.205	0.969	0.577	0.341
	LeTilt	0.053	0.476	0.100	0.324	0.101	0.091	0.015	0.528	0.244	0.468	0.392	0.244	0.168
NR n41	ReCheek	0.021	0.606	0.435	0.534	0.390	0.195	0.050	0.627	0.652	0.750	0.606	0.606	0.461
	ReTilt	0.010	0.231	0.132	0.236	0.160	0.073	0.023	0.241	0.216	0.319	0.269	0.243	0.194
	LeCheek	0.012	1.102	0.181	0.833	0.206	0.266	0.030	1.114	0.458	1.111	0.875	0.484	0.247
	LeTilt	0.006	0.476	0.100	0.324	0.101	0.091	0.015	0.482	0.197	0.421	0.345	0.198	0.122

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Calling_Body-worn_UAT

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.046	0.013	0.082	0.206	0.002	0.001	0.577	0.546	0.615	0.614	0.739	0.738
	Back side	0.394	0.164	0.065	0.126	0.486	0.014	0.003	0.557	0.473	0.533	0.522	0.893	0.883
WCDMA Band V	Front side	0.299	0.046	0.013	0.082	0.206	0.002	0.001	0.345	0.314	0.382	0.381	0.507	0.506
	Back side	0.262	0.164	0.065	0.126	0.486	0.014	0.003	0.425	0.341	0.401	0.390	0.761	0.751
LTE Band 12	Front side	0.174	0.046	0.013	0.082	0.206	0.002	0.001	0.219	0.189	0.257	0.256	0.382	0.381
	Back side	0.140	0.164	0.065	0.126	0.486	0.014	0.003	0.304	0.220	0.280	0.269	0.640	0.630
LTE Band 13	Front side	0.314	0.046	0.013	0.082	0.206	0.002	0.001	0.360	0.330	0.398	0.397	0.523	0.522
	Back side	0.268	0.164	0.065	0.126	0.486	0.014	0.003	0.432	0.347	0.407	0.397	0.768	0.757
LTE Band 26	Front side	0.326	0.046	0.013	0.082	0.206	0.002	0.001	0.372	0.341	0.409	0.408	0.534	0.533
	Back side	0.258	0.164	0.065	0.126	0.486	0.014	0.003	0.422	0.338	0.398	0.387	0.758	0.748
LTE Band 71	Front side	0.128	0.046	0.013	0.082	0.206	0.002	0.001	0.174	0.144	0.212	0.211	0.337	0.336
	Back side	0.114	0.164	0.065	0.126	0.486	0.014	0.003	0.278	0.193	0.253	0.243	0.614	0.603
NR n41	Front side	0.084	0.046	0.013	0.082	0.206	0.002	0.001	0.130	0.099	0.168	0.167	0.293	0.292
	Back side	0.217	0.164	0.065	0.126	0.486	0.014	0.003	0.381	0.296	0.356	0.346	0.717	0.706

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Calling_Body-worn_LAT

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.046	0.013	0.082	0.206	0.002	0.001	0.572	0.542	0.610	0.609	0.735	0.734
	Back side	0.451	0.164	0.065	0.126	0.486	0.014	0.003	0.615	0.530	0.590	0.580	0.951	0.940
GPRS 1900	Front side	0.257	0.046	0.013	0.082	0.206	0.002	0.001	0.302	0.272	0.340	0.339	0.465	0.464
	Back side	0.458	0.164	0.065	0.126	0.486	0.014	0.003	0.622	0.537	0.597	0.587	0.958	0.947
WCDMA Band II	Front side	0.353	0.046	0.013	0.082	0.206	0.002	0.001	0.398	0.368	0.436	0.435	0.561	0.560
	Back side	0.454	0.164	0.065	0.126	0.486	0.014	0.003	0.618	0.534	0.594	0.583	0.954	0.944
WCDMA Band IV	Front side	0.153	0.046	0.013	0.082	0.206	0.002	0.001	0.198	0.168	0.236	0.235	0.361	0.360
	Back side	0.212	0.164	0.065	0.126	0.486	0.014	0.003	0.376	0.291	0.351	0.341	0.712	0.701
WCDMA Band V	Front side	0.246	0.046	0.013	0.082	0.206	0.002	0.001	0.292	0.262	0.330	0.329	0.455	0.454
	Back side	0.164	0.164	0.065	0.126	0.486	0.014	0.003	0.328	0.243	0.303	0.293	0.664	0.653
LTE Band 7	Front side	0.214	0.046	0.013	0.082	0.206	0.002	0.001	0.259	0.229	0.297	0.296	0.422	0.421
	Back side	0.288	0.164	0.065	0.126	0.486	0.014	0.003	0.452	0.367	0.427	0.417	0.788	0.777
LTE Band 12	Front side	0.108	0.046	0.013	0.082	0.206	0.002	0.001	0.154	0.123	0.192	0.191	0.317	0.316
	Back side	0.308	0.164	0.065	0.126	0.486	0.014	0.003	0.472	0.387	0.447	0.437	0.808	0.797
LTE Band 13	Front side	0.054	0.046	0.013	0.082	0.206	0.002	0.001	0.099	0.069	0.137	0.136	0.262	0.261
	Back side	0.259	0.164	0.065	0.126	0.486	0.014	0.003	0.423	0.338	0.398	0.388	0.759	0.748
LTE Band 25	Front side	0.530	0.046	0.013	0.082	0.206	0.002	0.001	0.576	0.545	0.614	0.613	0.739	0.738
	Back side	0.619	0.164	0.065	0.126	0.486	0.014	0.003	0.783	0.698	0.759	0.748	1.119	1.109
LTE Band 26	Front side	0.227	0.046	0.013	0.082	0.206	0.002	0.001	0.273	0.242	0.311	0.310	0.436	0.435
	Back side	0.365	0.164	0.065	0.126	0.486	0.014	0.003	0.529	0.445	0.505	0.494	0.865	0.855
LTE Band 30	Front side	0.109	0.046	0.013	0.082	0.206	0.002	0.001	0.155	0.124	0.193	0.192	0.318	0.317
	Back side	0.223	0.164	0.065	0.126	0.486	0.014	0.003	0.387	0.303	0.363	0.352	0.723	0.713
LTE Band 41	Front side	0.147	0.046	0.013	0.082	0.206	0.002	0.001	0.193	0.162	0.231	0.230	0.356	0.355
	Back side	0.208	0.164	0.065	0.126	0.486	0.014	0.003	0.372	0.287	0.348	0.337	0.708	0.698
LTE Band 48	Front side	0.063	0.046	0.013	0.082	0.206	0.002	0.001	0.109	0.079	0.147	0.146	0.272	0.271
	Back side	0.098	0.164	0.065	0.126	0.486	0.014	0.003	0.262	0.177	0.237	0.227	0.598	0.588
LTE Band 66	Front side	0.245	0.046	0.013	0.082	0.206	0.002	0.001	0.291	0.261	0.329	0.328	0.454	0.453
	Back side	0.276	0.164	0.065	0.126	0.486	0.014	0.003	0.440	0.355	0.416	0.405	0.776	0.766
LTE Band 71	Front side	0.038	0.046	0.013	0.082	0.206	0.002	0.001	0.084	0.053	0.122	0.120	0.246	0.245
	Back side	0.032	0.164	0.065	0.126	0.486	0.014	0.003	0.196	0.111	0.171	0.160	0.532	0.521
NR n5	Front side	0.039	0.046	0.013	0.082	0.206	0.002	0.001	0.084	0.054	0.122	0.121	0.247	0.246
	Back side	0.028	0.164	0.065	0.126	0.486	0.014	0.003	0.191	0.107	0.167	0.156	0.527	0.517
NR n41	Front side	0.032	0.046	0.013	0.082	0.206	0.002	0.001	0.078	0.047	0.116	0.115	0.241	0.240
	Back side	0.212	0.164	0.065	0.126	0.486	0.014	0.003	0.376	0.291	0.351	0.341	0.712	0.701
NR n66	Front side	0.276	0.046	0.013	0.082	0.206	0.002	0.001	0.322	0.292	0.360	0.359	0.485	0.484
	Back side	0.220	0.164	0.065	0.126	0.486	0.014	0.003	0.384	0.299	0.359	0.349	0.720	0.709

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Calling_Hotspot_UAT

The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.110	0.096	0.121	0.428	0.006	0.012	0.641	0.632	0.658	0.665	0.965	0.972
	Back side	0.394	0.358	0.135	0.175	0.819	0.039	0.016	0.751	0.567	0.608	0.585	1.251	1.229
	Top side	0.285	0.189	0.068	0.081	0.385	0.010	0.009	0.473	0.363	0.376	0.374	0.679	0.678
	Bottom side	0.006	0.001	0.004	0.002	0.118	0.001	0.001	0.007	0.012	0.010	0.010	0.126	0.126
	Right side	0.241	0.024	0.008	0.072	0.089	0.002	0.001	0.265	0.251	0.315	0.314	0.332	0.331
	Left side	0.140	0.125	0.057	0.022	0.206	0.017	0.008	0.265	0.214	0.179	0.170	0.363	0.354
WCDMA Band V	Front side	0.299	0.110	0.096	0.121	0.428	0.006	0.012	0.409	0.400	0.426	0.433	0.733	0.740
	Back side	0.262	0.358	0.135	0.175	0.819	0.039	0.016	0.619	0.436	0.476	0.453	1.119	1.097
	Top side	0.248	0.189	0.068	0.081	0.385	0.010	0.009	0.437	0.326	0.339	0.338	0.642	0.641
	Bottom side	0.003	0.001	0.004	0.002	0.118	0.001	0.001	0.004	0.008	0.006	0.006	0.122	0.122
	Right side	0.152	0.024	0.008	0.072	0.089	0.002	0.001	0.176	0.162	0.226	0.225	0.243	0.242
	Left side	0.096	0.125	0.057	0.022	0.206	0.017	0.008	0.221	0.171	0.136	0.127	0.320	0.311
LTE Band 12	Front side	0.174	0.110	0.096	0.121	0.428	0.006	0.012	0.284	0.275	0.301	0.307	0.608	0.615
	Back side	0.140	0.358	0.135	0.175	0.819	0.039	0.016	0.498	0.314	0.354	0.332	0.998	0.976
	Top side	0.122	0.189	0.068	0.081	0.385	0.010	0.009	0.311	0.200	0.214	0.212	0.517	0.515
	Bottom side	0.003	0.001	0.004	0.002	0.118	0.001	0.001	0.004	0.008	0.006	0.006	0.122	0.122
	Right side	0.105	0.024	0.008	0.072	0.089	0.002	0.001	0.129	0.115	0.180	0.179	0.196	0.195
	Left side	0.007	0.125	0.057	0.022	0.206	0.017	0.008	0.132	0.082	0.047	0.037	0.231	0.221
LTE Band 13	Front side	0.314	0.110	0.096	0.121	0.428	0.006	0.012	0.424	0.415	0.441	0.448	0.748	0.755
	Back side	0.268	0.358	0.135	0.175	0.819	0.039	0.016	0.626	0.442	0.482	0.460	1.125	1.103
	Top side	0.200	0.189	0.068	0.081	0.385	0.010	0.009	0.388	0.278	0.291	0.290	0.594	0.593
	Bottom side	0.007	0.001	0.004	0.002	0.118	0.001	0.001	0.008	0.012	0.010	0.010	0.126	0.126
	Right side	0.158	0.024	0.008	0.072	0.089	0.002	0.001	0.183	0.168	0.233	0.232	0.250	0.249
	Left side	0.083	0.125	0.057	0.022	0.206	0.017	0.008	0.208	0.158	0.123	0.113	0.307	0.297
LTE Band 26	Front side	0.326	0.110	0.096	0.121	0.428	0.006	0.012	0.436	0.427	0.453	0.459	0.760	0.767
	Back side	0.258	0.358	0.135	0.175	0.819	0.039	0.016	0.616	0.432	0.473	0.450	1.116	1.094
	Top side	0.204	0.189	0.068	0.081	0.385	0.010	0.009	0.393	0.282	0.296	0.294	0.599	0.597
	Bottom side	0.001	0.001	0.004	0.002	0.118	0.001	0.001	0.002	0.007	0.004	0.004	0.121	0.121
	Right side	0.131	0.024	0.008	0.072	0.089	0.002	0.001	0.155	0.141	0.206	0.205	0.222	0.221
	Left side	0.102	0.125	0.057	0.022	0.206	0.017	0.008	0.227	0.177	0.142	0.133	0.326	0.316
LTE Band 71	Front side	0.128	0.110	0.096	0.121	0.428	0.006	0.012	0.239	0.229	0.255	0.262	0.562	0.569
	Back side	0.114	0.358	0.135	0.175	0.819	0.039	0.016	0.472	0.288	0.328	0.306	0.972	0.949
	Top side	0.095	0.189	0.068	0.081	0.385	0.010	0.009	0.284	0.173	0.186	0.185	0.489	0.488
	Bottom side	0.001	0.001	0.004	0.002	0.118	0.001	0.001	0.002	0.007	0.004	0.004	0.121	0.121
	Right side	0.002	0.024	0.008	0.072	0.089	0.002	0.001	0.027	0.012	0.077	0.076	0.094	0.093
	Left side	0.068	0.125	0.057	0.022	0.206	0.017	0.008	0.193	0.142	0.107	0.098	0.291	0.282
NR n41	Front side	0.084	0.110	0.096	0.121	0.428	0.006	0.012	0.194	0.185	0.211	0.218	0.518	0.525
	Back side	0.217	0.358	0.135	0.175	0.819	0.039	0.016	0.575	0.391	0.431	0.409	1.074	1.052
	Top side	0.006	0.189	0.068	0.081	0.385	0.010	0.009	0.194	0.084	0.097	0.096	0.400	0.399
	Bottom side	0.004	0.001	0.004	0.002	0.118	0.001	0.001	0.005	0.010	0.008	0.008	0.124	0.124
	Right side	0.013	0.024	0.008	0.072	0.089	0.002	0.001	0.038	0.023	0.088	0.087	0.105	0.103
	Left side	0.025	0.125	0.057	0.022	0.206	0.017	0.008	0.150	0.100	0.065	0.055	0.249	0.239

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The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)														
WWAN	Exposure position 1g(WWg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.813	0.110	0.096	0.121	0.428	0.006	0.012	0.924	0.915	0.940	0.947	1.247	1.254
	Back side	0.641	0.358	0.135	0.175	0.819	0.039	0.016	0.999	0.815	0.855	0.833	1.498	1.476
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.093	0.091	0.396	0.394
	Bottom side	0.632	0.001	0.004	0.002	0.118	0.001	0.001	0.633	0.638	0.636	0.636	0.752	0.752
	Right side	0.588	0.024	0.008	0.072	0.089	0.002	0.001	0.612	0.598	0.663	0.661	0.679	0.678
	Left side	0.153	0.125	0.057	0.022	0.206	0.017	0.008	0.278	0.227	0.192	0.183	0.376	0.367
GPRS 1900	Front side	0.393	0.110	0.096	0.121	0.428	0.006	0.012	0.503	0.494	0.520	0.527	0.827	0.834
	Back side	0.433	0.358	0.135	0.175	0.819	0.039	0.016	0.791	0.607	0.647	0.625	1.290	1.268
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.092	0.091	0.395	0.394
	Bottom side	1.136	0.001	0.004	0.002	0.118	0.001	0.001	1.137	1.141	1.139	1.139	1.255	1.255
	Right side	0.146	0.024	0.008	0.072	0.089	0.002	0.001	0.170	0.156	0.220	0.219	0.237	0.236
	Left side	0.240	0.125	0.057	0.022	0.206	0.017	0.008	0.365	0.314	0.279	0.270	0.463	0.454
WCDMA Band I	Front side	0.209	0.110	0.096	0.121	0.428	0.006	0.012	0.319	0.310	0.336	0.343	0.643	0.650
	Back side	0.373	0.358	0.135	0.175	0.819	0.039	0.016	0.731	0.547	0.587	0.564	1.230	1.208
	Top side	0.003	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.081	0.094	0.093	0.397	0.396
	Bottom side	1.172	0.001	0.004	0.002	0.118	0.001	0.001	1.173	1.178	1.176	1.178	1.292	1.292
	Right side	0.069	0.024	0.008	0.072	0.089	0.002	0.001	0.094	0.079	0.144	0.143	0.161	0.159
	Left side	0.124	0.125	0.057	0.022	0.206	0.017	0.008	0.249	0.198	0.163	0.154	0.347	0.338
WCDMA Band IV	Front side	0.292	0.110	0.096	0.121	0.428	0.006	0.012	0.403	0.393	0.419	0.426	0.726	0.733
	Back side	0.495	0.358	0.135	0.175	0.819	0.039	0.016	0.853	0.669	0.709	0.687	1.353	1.331
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.092	0.091	0.395	0.394
	Bottom side	1.098	0.001	0.004	0.002	0.118	0.001	0.001	1.099	1.103	1.101	1.101	1.217	1.217
	Right side	0.070	0.024	0.008	0.072	0.089	0.002	0.001	0.085	0.080	0.145	0.144	0.162	0.160
	Left side	0.164	0.125	0.057	0.022	0.206	0.017	0.008	0.289	0.238	0.203	0.194	0.387	0.378
WCDMA Band V	Front side	0.715	0.110	0.096	0.121	0.428	0.006	0.012	0.825	0.816	0.842	0.849	1.149	1.156
	Back side	0.634	0.358	0.135	0.175	0.819	0.039	0.016	0.992	0.808	0.848	0.826	1.492	1.470
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.428	0.001	0.004	0.002	0.118	0.001	0.001	0.429	0.434	0.431	0.431	0.548	0.548
	Right side	0.211	0.024	0.008	0.072	0.089	0.002	0.001	0.236	0.221	0.286	0.285	0.303	0.302
	Left side	0.142	0.125	0.057	0.022	0.206	0.017	0.008	0.267	0.217	0.182	0.173	0.366	0.357
LTE Band 7	Front side	0.343	0.110	0.096	0.121	0.428	0.006	0.012	0.453	0.444	0.470	0.477	0.777	0.784
	Back side	0.365	0.358	0.135	0.175	0.819	0.039	0.016	0.723	0.539	0.579	0.556	1.222	1.200
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.191	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.825	0.001	0.004	0.002	0.118	0.001	0.001	0.826	0.831	0.828	0.828	0.945	0.945
	Right side	0.071	0.024	0.008	0.072	0.089	0.002	0.001	0.095	0.081	0.145	0.144	0.162	0.161
	Left side	0.246	0.125	0.057	0.022	0.206	0.017	0.008	0.371	0.320	0.286	0.276	0.469	0.460
LTE Band 12	Front side	0.287	0.110	0.096	0.121	0.428	0.006	0.012	0.397	0.388	0.414	0.421	0.721	0.728
	Back side	0.272	0.358	0.135	0.175	0.819	0.039	0.016	0.630	0.446	0.486	0.464	1.129	1.107
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.093	0.091	0.396	0.394
	Bottom side	0.236	0.001	0.004	0.002	0.118	0.001	0.001	0.237	0.241	0.239	0.239	0.355	0.355
	Right side	0.003	0.024	0.008	0.072	0.089	0.002	0.001	0.028	0.013	0.078	0.077	0.095	0.093
	Left side	0.003	0.125	0.057	0.022	0.206	0.017	0.008	0.128	0.077	0.043	0.033	0.226	0.217
LTE Band 13	Front side	0.458	0.110	0.096	0.121	0.428	0.006	0.012	0.568	0.559	0.585	0.592	0.892	0.899
	Back side	0.395	0.358	0.135	0.175	0.819	0.039	0.016	0.753	0.569	0.610	0.587	1.253	1.231
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.304	0.001	0.004	0.002	0.118	0.001	0.001	0.305	0.309	0.307	0.307	0.423	0.423
	Right side	0.003	0.024	0.008	0.072	0.089	0.002	0.001	0.027	0.013	0.078	0.076	0.094	0.093
	Left side	0.002	0.125	0.057	0.022	0.206	0.017	0.008	0.127	0.076	0.041	0.032	0.225	0.216
LTE Band 25	Front side	0.442	0.110	0.096	0.121	0.428	0.006	0.012	0.552	0.543	0.569	0.576	0.876	0.883
	Back side	0.475	0.358	0.135	0.175	0.819	0.039	0.016	0.833	0.649	0.689	0.667	1.333	1.310
	Top side	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.190	0.079	0.092	0.091	0.395	0.394
	Bottom side	1.152	0.001	0.004	0.002	0.118	0.001	0.001	1.153	1.157	1.155	1.155	1.271	1.271
	Right side	0.012	0.024	0.008	0.072	0.089	0.002	0.001	0.036	0.022	0.087	0.086	0.103	0.102
	Left side	0.225	0.125	0.057	0.022	0.206	0.017	0.008	0.350	0.299	0.264	0.255	0.448	0.439
LTE Band 26	Front side	0.482	0.110	0.096	0.121	0.428	0.006	0.012	0.592	0.583	0.609	0.616	0.916	0.923
	Back side	0.471	0.358	0.135	0.175	0.819	0.039	0.016	0.829	0.645	0.685	0.663	1.329	1.307
	Top side	0.006	0.189	0.068	0.081	0.385	0.010	0.009	0.195	0.084	0.098	0.096	0.401	0.399
	Bottom side	0.438	0.001	0.004	0.002	0.118	0.001	0.001	0.439	0.443	0.441	0.441	0.557	0.557
	Right side	0.338	0.024	0.008	0.072	0.089	0.002	0.001	0.362	0.348	0.413	0.411	0.429	0.428
	Left side	0.076	0.125	0.057	0.022	0.206	0.017	0.008	0.201	0.150	0.115	0.106	0.299	0.290
LTE Band 30	Front side	0.564	0.110	0.096	0.121	0.428	0.006	0.012	0.774	0.765	0.791	0.797	1.098	1.104
	Back side	0.684	0.358	0.135	0.175	0.819	0.039	0.016	1.042	0.858	0.898	0.876	1.541	1.519
	Top side	0.010	0.189	0.068	0.081	0.385	0.010	0.009	0.199	0.088	0.102	0.100	0.405	0.403
	Bottom side	0.888	0.001	0.004	0.002	0.118	0.001	0.001	0.889	0.894	0.891	0.891	1.008	1.008
	Right side	0.069	0.024	0.008	0.072	0.089	0.002	0.001	0.093	0.079	0.144	0.142	0.160	0.159
	Left side	0.467	0.125	0.057	0.022	0.206	0.017	0.008	0.592	0.542	0.507	0.498	0.691	0.682
LTE Band 41	Front side	0.355	0.110	0.096	0.121	0.428	0.006	0.012	0.465	0.456	0.482	0.489	0.789	0.796
	Back side	0.470	0.358	0.135	0.175	0.819	0.039	0.016	0.827	0.644	0.684	0.661	1.327	1.305
	Top side	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.191	0.080	0.093	0.092	0.396	0.395
	Bottom side	0.606	0.001	0.004	0.002	0.118	0.001	0.001	0.607	0.611	0.609	0.609	0.725	0.725
	Right side	0.005	0.024	0.008	0.072	0.089	0.002	0.001	0.029	0.015	0.079	0.078	0.096	0.095
	Left side	0.252	0.125	0.057	0.022	0.206	0.017	0.008	0.377	0.326	0.292	0.282	0.475	0.466
LTE Band 48	Front side	0.061	0.110	0.096	0.121	0.428	0.006	0.012	0.172	0.163	0.188	0.195	0.495	0.502
	Back side	0.208	0.358	0.135	0.175	0.819	0.039	0.016	0.566	0.382	0.422	0.400	1.066	1.043
	Top side	0.028	0.189	0.068	0.081	0.385	0.010	0.009	0.216	0.106	0.119	0.118	0.422	0.421
	Bottom side	0.001	0.001	0.004	0.002	0.118	0.001	0.001	0.002	0.006	0.004	0.004	0.120	0.120
	Right side	0.130	0.024	0.008	0.072	0.089	0.002	0.001	0.155	0.140	0.205	0.204	0.222	0.221
	Left side	0.010	0.125	0.057	0.022	0.206	0.017	0.008	0.135	0.095	0.05			

Camera_Body-worn_UAT

The simultaneous body-worn exposure conditions for WLAN(Camera mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.025	0.004	0.056	0.081	0.003	0.016	0.556	0.537	0.589	0.602	0.614	0.628
	Back side	0.394	0.076	0.115	0.552	0.395	0.017	0.169	0.470	0.526	0.963	1.115	0.805	0.957
WCDMA Band V	Front side	0.299	0.025	0.004	0.056	0.081	0.003	0.016	0.324	0.305	0.357	0.370	0.382	0.395
	Back side	0.262	0.076	0.115	0.552	0.395	0.017	0.169	0.338	0.394	0.831	0.983	0.673	0.825
LTE Band 12	Front side	0.174	0.025	0.004	0.056	0.081	0.003	0.016	0.198	0.180	0.232	0.245	0.257	0.270
	Back side	0.140	0.076	0.115	0.552	0.395	0.017	0.169	0.216	0.273	0.710	0.862	0.552	0.704
LTE Band 13	Front side	0.314	0.025	0.004	0.056	0.081	0.003	0.016	0.339	0.321	0.372	0.386	0.398	0.411
	Back side	0.268	0.076	0.115	0.552	0.395	0.017	0.169	0.344	0.401	0.837	0.989	0.680	0.832
LTE Band 26	Front side	0.326	0.025	0.004	0.056	0.081	0.003	0.016	0.350	0.332	0.384	0.397	0.409	0.422
	Back side	0.258	0.076	0.115	0.552	0.395	0.017	0.169	0.335	0.391	0.828	0.980	0.670	0.822
LTE Band 71	Front side	0.128	0.025	0.004	0.056	0.081	0.003	0.016	0.153	0.135	0.186	0.200	0.212	0.225
	Back side	0.114	0.076	0.115	0.552	0.395	0.017	0.169	0.190	0.247	0.684	0.835	0.526	0.678
NR n41	Front side	0.084	0.025	0.004	0.056	0.081	0.003	0.016	0.109	0.090	0.142	0.155	0.167	0.181
	Back side	0.217	0.076	0.115	0.552	0.395	0.017	0.169	0.293	0.349	0.786	0.938	0.629	0.780

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Camera_Body-worn_LAT

The simultaneous body-worn exposure conditions for WLAN(Camera mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.025	0.004	0.056	0.081	0.003	0.016	0.551	0.533	0.585	0.598	0.610	0.623
	Back side	0.451	0.076	0.115	0.552	0.395	0.017	0.169	0.527	0.584	1.021	1.172	0.863	1.015
GPRS 1900	Front side	0.257	0.025	0.004	0.056	0.081	0.003	0.016	0.281	0.263	0.315	0.328	0.340	0.353
	Back side	0.458	0.076	0.115	0.552	0.395	0.017	0.169	0.534	0.591	1.028	1.179	0.870	1.022
WCDMA Band II	Front side	0.353	0.025	0.004	0.056	0.081	0.003	0.016	0.377	0.359	0.411	0.424	0.436	0.449
	Back side	0.454	0.076	0.115	0.552	0.395	0.017	0.169	0.531	0.587	1.024	1.176	0.866	1.018
WCDMA Band IV	Front side	0.153	0.025	0.004	0.056	0.081	0.003	0.016	0.177	0.159	0.211	0.224	0.236	0.249
	Back side	0.212	0.076	0.115	0.552	0.395	0.017	0.169	0.288	0.345	0.781	0.933	0.624	0.776
WCDMA Band V	Front side	0.246	0.025	0.004	0.056	0.081	0.003	0.016	0.271	0.253	0.304	0.318	0.330	0.343
	Back side	0.164	0.076	0.115	0.552	0.395	0.017	0.169	0.240	0.297	0.733	0.885	0.576	0.728
LTE Band 7	Front side	0.214	0.025	0.004	0.056	0.081	0.003	0.016	0.238	0.220	0.272	0.285	0.297	0.310
	Back side	0.288	0.076	0.115	0.552	0.395	0.017	0.169	0.364	0.420	0.857	1.009	0.700	0.851
LTE Band 12	Front side	0.108	0.025	0.004	0.056	0.081	0.003	0.016	0.133	0.114	0.166	0.179	0.191	0.205
	Back side	0.308	0.076	0.115	0.552	0.395	0.017	0.169	0.384	0.440	0.877	1.029	0.720	0.871
LTE Band 13	Front side	0.054	0.025	0.004	0.056	0.081	0.003	0.016	0.078	0.060	0.112	0.125	0.137	0.150
	Back side	0.259	0.076	0.115	0.552	0.395	0.017	0.169	0.335	0.391	0.828	0.980	0.671	0.822
LTE Band 25	Front side	0.530	0.025	0.004	0.056	0.081	0.003	0.016	0.555	0.537	0.588	0.602	0.613	0.627
	Back side	0.619	0.076	0.115	0.552	0.395	0.017	0.169	0.695	0.752	1.189	1.340	1.031	1.183
LTE Band 26	Front side	0.227	0.025	0.004	0.056	0.081	0.003	0.016	0.252	0.234	0.285	0.299	0.310	0.324
	Back side	0.365	0.076	0.115	0.552	0.395	0.017	0.169	0.442	0.498	0.935	1.087	0.777	0.929
LTE Band 30	Front side	0.109	0.025	0.004	0.056	0.081	0.003	0.016	0.134	0.115	0.167	0.180	0.192	0.206
	Back side	0.223	0.076	0.115	0.552	0.395	0.017	0.169	0.299	0.356	0.793	0.945	0.635	0.787
LTE Band 41	Front side	0.147	0.025	0.004	0.056	0.081	0.003	0.016	0.172	0.153	0.205	0.219	0.230	0.244
	Back side	0.208	0.076	0.115	0.552	0.395	0.017	0.169	0.284	0.341	0.778	0.929	0.620	0.772
LTE Band 48	Front side	0.063	0.025	0.004	0.056	0.081	0.003	0.016	0.088	0.070	0.121	0.135	0.147	0.160
	Back side	0.098	0.076	0.115	0.552	0.395	0.017	0.169	0.174	0.231	0.668	0.819	0.510	0.662
LTE Band 66	Front side	0.245	0.025	0.004	0.056	0.081	0.003	0.016	0.270	0.252	0.303	0.317	0.329	0.342
	Back side	0.276	0.076	0.115	0.552	0.395	0.017	0.169	0.352	0.409	0.846	0.998	0.688	0.840
LTE Band 71	Front side	0.038	0.025	0.004	0.056	0.081	0.003	0.016	0.063	0.044	0.096	0.109	0.121	0.134
	Back side	0.032	0.076	0.115	0.552	0.395	0.017	0.169	0.108	0.164	0.601	0.753	0.443	0.595
NR n41	Front side	0.032	0.025	0.004	0.056	0.081	0.003	0.016	0.057	0.038	0.090	0.104	0.115	0.129
	Back side	0.212	0.076	0.115	0.552	0.395	0.017	0.169	0.288	0.345	0.781	0.933	0.624	0.776

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Camera_Hotspot_UAT

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.088	0.027	0.122	0.083	0.006	0.026	0.619	0.563	0.659	0.679	0.620	0.640
	Back side	0.394	0.225	0.076	0.733	0.769	0.087	0.076	0.618	0.557	1.213	1.202	1.249	1.238
	Top side	0.285	0.181	0.001	0.147	0.003	0.072	0.001	0.466	0.358	0.504	0.433	0.360	0.289
	Bottom side	0.006	0.002	0.024	0.001	0.154	0.001	0.020	0.009	0.032	0.009	0.028	0.161	0.180
	Right side	0.241	0.005	0.005	0.031	0.087	0.003	0.004	0.246	0.249	0.275	0.276	0.331	0.332
WCDMA Band V	Left side	0.140	0.071	0.020	0.112	0.020	0.058	0.016	0.211	0.218	0.310	0.268	0.218	0.176
	Front side	0.299	0.088	0.027	0.122	0.083	0.006	0.026	0.387	0.331	0.427	0.447	0.387	0.408
	Back side	0.262	0.225	0.076	0.733	0.769	0.087	0.076	0.486	0.425	1.082	1.070	1.117	1.106
	Top side	0.248	0.181	0.001	0.147	0.003	0.072	0.001	0.429	0.322	0.468	0.396	0.324	0.252
	Bottom side	0.003	0.002	0.024	0.001	0.154	0.001	0.020	0.005	0.028	0.005	0.024	0.158	0.177
LTE Band 12	Right side	0.152	0.005	0.005	0.031	0.087	0.003	0.004	0.157	0.160	0.186	0.187	0.242	0.243
	Left side	0.096	0.071	0.020	0.112	0.020	0.058	0.016	0.168	0.174	0.267	0.225	0.174	0.132
	Front side	0.174	0.088	0.027	0.122	0.083	0.006	0.026	0.262	0.206	0.302	0.322	0.262	0.283
	Back side	0.140	0.225	0.076	0.733	0.769	0.087	0.076	0.365	0.304	0.960	0.949	0.996	0.985
	Top side	0.122	0.181	0.001	0.147	0.003	0.072	0.001	0.303	0.196	0.342	0.271	0.198	0.126
LTE Band 13	Bottom side	0.003	0.002	0.024	0.001	0.154	0.001	0.020	0.005	0.028	0.005	0.024	0.158	0.177
	Right side	0.105	0.005	0.005	0.031	0.087	0.003	0.004	0.110	0.113	0.140	0.140	0.195	0.196
	Left side	0.007	0.071	0.020	0.112	0.020	0.058	0.016	0.078	0.085	0.177	0.135	0.085	0.043
	Front side	0.314	0.088	0.027	0.122	0.083	0.006	0.026	0.402	0.346	0.442	0.463	0.403	0.423
	Back side	0.268	0.225	0.076	0.733	0.769	0.087	0.076	0.493	0.431	1.088	1.076	1.124	1.112
LTE Band 26	Top side	0.200	0.181	0.001	0.147	0.003	0.072	0.001	0.381	0.273	0.420	0.348	0.275	0.204
	Bottom side	0.007	0.002	0.024	0.001	0.154	0.001	0.020	0.009	0.032	0.009	0.028	0.162	0.181
	Right side	0.158	0.005	0.005	0.031	0.087	0.003	0.004	0.164	0.167	0.193	0.194	0.249	0.249
	Left side	0.083	0.071	0.020	0.112	0.020	0.058	0.016	0.154	0.161	0.253	0.211	0.161	0.119
	Front side	0.326	0.088	0.027	0.122	0.083	0.006	0.026	0.414	0.358	0.454	0.474	0.414	0.435
LTE Band 71	Back side	0.258	0.225	0.076	0.733	0.769	0.087	0.076	0.483	0.422	1.078	1.067	1.114	1.103
	Top side	0.204	0.181	0.001	0.147	0.003	0.072	0.001	0.386	0.278	0.424	0.353	0.280	0.208
	Bottom side	0.001	0.002	0.024	0.001	0.154	0.001	0.020	0.003	0.026	0.003	0.022	0.156	0.175
	Right side	0.131	0.005	0.005	0.031	0.087	0.003	0.004	0.136	0.139	0.166	0.166	0.221	0.222
	Left side	0.102	0.071	0.020	0.112	0.020	0.058	0.016	0.173	0.180	0.272	0.230	0.180	0.138
NR n41	Front side	0.128	0.088	0.027	0.122	0.083	0.006	0.026	0.216	0.161	0.256	0.277	0.217	0.237
	Back side	0.114	0.225	0.076	0.733	0.769	0.087	0.076	0.339	0.277	0.934	0.922	0.970	0.958
	Top side	0.095	0.181	0.001	0.147	0.003	0.072	0.001	0.276	0.169	0.315	0.243	0.171	0.099
	Bottom side	0.001	0.002	0.024	0.001	0.154	0.001	0.020	0.003	0.026	0.003	0.022	0.156	0.175
	Right side	0.002	0.005	0.005	0.031	0.087	0.003	0.004	0.008	0.010	0.037	0.037	0.093	0.093
NR n41	Left side	0.068	0.071	0.020	0.112	0.020	0.058	0.016	0.139	0.146	0.238	0.196	0.146	0.104
	Front side	0.084	0.088	0.027	0.122	0.083	0.006	0.026	0.172	0.116	0.212	0.232	0.173	0.193
	Back side	0.217	0.225	0.076	0.733	0.769	0.087	0.076	0.441	0.380	1.037	1.025	1.073	1.061
	Top side	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.187	0.079	0.226	0.154	0.081	0.010
	Bottom side	0.004	0.002	0.024	0.001	0.154	0.001	0.020	0.007	0.030	0.007	0.026	0.159	0.178
NR n41	Right side	0.013	0.005	0.005	0.031	0.087	0.003	0.004	0.018	0.021	0.048	0.048	0.104	0.104
	Left side	0.025	0.071	0.020	0.112	0.020	0.058	0.016	0.096	0.103	0.195	0.153	0.103	0.061

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Camera_Hotspot_LAT

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN(LAT)													
WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum
GPRS 850	Front side	0.456	0.088	0.027	0.122	0.083	0.006	0.026	0.544	0.488	0.584	0.604	0.545
	Back side	0.407	0.225	0.076	0.733	0.769	0.087	0.076	0.631	0.570	1.227	1.215	1.262
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077
	Bottom side	0.397	0.002	0.024	0.001	0.154	0.001	0.020	0.399	0.422	0.399	0.418	0.551
	Right side	0.369	0.005	0.005	0.031	0.087	0.003	0.004	0.375	0.377	0.404	0.404	0.460
	Left side	0.095	0.071	0.020	0.112	0.020	0.058	0.016	0.187	0.173	0.266	0.224	0.174
GPRS 1900	Front side	0.393	0.088	0.027	0.122	0.083	0.006	0.026	0.481	0.425	0.521	0.541	0.482
	Back side	0.433	0.225	0.076	0.733	0.769	0.087	0.076	0.658	0.596	1.253	1.241	1.289
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077
	Bottom side	1.136	0.002	0.024	0.001	0.154	0.001	0.020	1.138	1.161	1.138	1.157	1.291
	Right side	0.146	0.005	0.005	0.031	0.087	0.003	0.004	0.151	0.154	0.180	0.181	0.236
	Left side	0.240	0.092	0.020	0.112	0.020	0.058	0.016	0.311	0.318	0.410	0.388	0.318
WCDMA Band II	Front side	0.209	0.088	0.027	0.122	0.083	0.006	0.026	0.297	0.241	0.337	0.357	0.298
	Back side	0.373	0.225	0.076	0.733	0.769	0.087	0.076	0.597	0.536	1.193	1.181	1.228
	Top side	0.003	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.151	0.079
	Bottom side	1.172	0.002	0.024	0.001	0.154	0.001	0.020	1.175	1.198	1.175	1.194	1.327
	Right side	0.069	0.005	0.005	0.031	0.087	0.003	0.004	0.075	0.077	0.104	0.104	0.160
	Left side	0.124	0.071	0.020	0.112	0.020	0.058	0.016	0.195	0.201	0.294	0.252	0.202
WCDMA Band IV	Front side	0.292	0.088	0.027	0.122	0.083	0.006	0.026	0.380	0.324	0.420	0.441	0.381
	Back side	0.495	0.225	0.076	0.733	0.769	0.087	0.076	0.720	0.659	1.315	1.304	1.351
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077
	Bottom side	1.098	0.002	0.024	0.001	0.154	0.001	0.020	1.100	1.123	1.100	1.119	1.252
	Right side	0.070	0.005	0.005	0.031	0.087	0.003	0.004	0.076	0.078	0.105	0.105	0.161
	Left side	0.164	0.071	0.020	0.112	0.020	0.058	0.016	0.235	0.242	0.334	0.292	0.242
WCDMA Band V	Front side	0.614	0.088	0.027	0.122	0.083	0.006	0.026	0.702	0.646	0.742	0.763	0.703
	Back side	0.487	0.225	0.076	0.733	0.769	0.087	0.076	0.711	0.650	1.307	1.295	1.342
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077
	Bottom side	0.368	0.002	0.024	0.001	0.154	0.001	0.020	0.370	0.393	0.370	0.389	0.523
	Right side	0.174	0.005	0.005	0.031	0.087	0.003	0.004	0.180	0.182	0.209	0.210	0.265
	Left side	0.119	0.071	0.020	0.112	0.020	0.058	0.016	0.191	0.197	0.290	0.248	0.197
LTE Band 7	Front side	0.343	0.088	0.027	0.122	0.083	0.006	0.026	0.431	0.375	0.471	0.491	0.432
	Back side	0.365	0.225	0.076	0.733	0.769	0.087	0.076	0.589	0.528	1.185	1.173	1.220
	Top side	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.076	0.222	0.150	0.078
	Bottom side	0.825	0.002	0.024	0.001	0.154	0.001	0.020	0.827	0.850	0.827	0.846	0.999
	Right side	0.071	0.005	0.005	0.031	0.087	0.003	0.004	0.076	0.079	0.105	0.106	0.161
	Left side	0.246	0.071	0.020	0.112	0.020	0.058	0.016	0.317	0.324	0.416	0.374	0.282
LTE Band 12	Front side	0.287	0.088	0.027	0.122	0.083	0.006	0.026	0.375	0.319	0.415	0.435	0.376
	Back side	0.272	0.225	0.076	0.733	0.769	0.087	0.076	0.496	0.435	1.092	1.080	1.128
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.150	0.077
	Bottom side	0.236	0.002	0.024	0.001	0.154	0.001	0.020	0.238	0.261	0.238	0.257	0.391
	Right side	0.003	0.005	0.005	0.031	0.087	0.003	0.004	0.008	0.011	0.038	0.038	0.094
	Left side	0.003	0.071	0.020	0.112	0.020	0.058	0.016	0.074	0.081	0.173	0.131	0.081
LTE Band 13	Front side	0.458	0.088	0.027	0.122	0.083	0.006	0.026	0.546	0.490	0.586	0.607	0.547
	Back side	0.395	0.225	0.076	0.733	0.769	0.087	0.076	0.620	0.559	1.215	1.204	1.251
	Top side	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.075	0.221	0.150	0.077
	Bottom side	0.304	0.002	0.024	0.001	0.154	0.001	0.020	0.306	0.329	0.306	0.325	0.459
	Right side	0.003	0.005	0.005	0.031	0.087	0.003	0.004	0.008	0.011	0.037	0.038	0.093
	Left side	0.002	0.071	0.020	0.112	0.020	0.058	0.016	0.073	0.079	0.172	0.130	0.080
LTE Band 25	Front side	0.442	0.088	0.027	0.122	0.083	0.006	0.026	0.530	0.474	0.570	0.590	0.531
	Back side	0.475	0.225	0.076	0.733	0.769	0.087	0.076	0.700	0.638	1.295	1.283	1.331
	Top side	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.182	0.075	0.221	0.149	0.077
	Bottom side	1.152	0.002	0.024	0.001	0.154	0.001	0.020	1.154	1.177	1.154	1.173	1.307
	Right side	0.012	0.005	0.005	0.031	0.087	0.003	0.004	0.017	0.020	0.047	0.047	0.102
	Left side	0.225	0.071	0.020	0.112	0.020	0.058	0.016	0.296	0.302	0.395	0.353	0.302
LTE Band 26	Front side	0.482	0.088	0.027	0.122	0.083	0.006	0.026	0.570	0.514	0.610	0.630	0.571
	Back side	0.471	0.225	0.076	0.733	0.769	0.087	0.076	0.696	0.635	1.291	1.280	1.327
	Top side	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.187	0.080	0.226	0.155	0.082
	Bottom side	0.438	0.002	0.024	0.001	0.154	0.001	0.020	0.440	0.463	0.440	0.459	0.592
	Right side	0.338	0.005	0.005	0.031	0.087	0.003	0.004	0.343	0.346	0.372	0.373	0.428
	Left side	0.076	0.071	0.020	0.112	0.020	0.058	0.016	0.147	0.154	0.246	0.204	0.154
LTE Band 30	Front side	0.423	0.088	0.027	0.122	0.083	0.006	0.026	0.511	0.455	0.551	0.571	0.512
	Back side	0.435	0.225	0.076	0.733	0.769	0.087	0.076	0.680	0.598	1.255	1.243	1.291
	Top side	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.187	0.080	0.226	0.154	0.082
	Bottom side	0.567	0.002	0.024	0.001	0.154	0.001	0.020	0.569	0.592	0.569	0.588	0.721
	Right side	0.043	0.005	0.005	0.031	0.087	0.003	0.004	0.049	0.051	0.078	0.079	0.134
	Left side	0.294	0.071	0.020	0.112	0.020	0.058	0.016	0.366	0.372	0.465	0.423	0.372
LTE Band 41	Front side	0.355	0.088	0.027	0.122	0.083	0.006	0.026	0.443	0.387	0.483	0.503	0.444
	Back side	0.470	0.225	0.076	0.733	0.769	0.087	0.076	0.694	0.633	1.290	1.278	1.325
	Top side	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.076	0.222	0.150	0.078
	Bottom side	0.606	0.002	0.024	0.001	0.154	0.001	0.020	0.608	0.631	0.608	0.627	0.760
	Right side	0.005	0.005	0.005	0.031	0.087	0.003	0.004	0.010	0.013	0.039	0.040	0.095
	Left side	0.252	0.071	0.020	0.112	0.020	0.058	0.016	0.323	0.330	0.422	0.380	0.330
LTE Band 48	Front side	0.061	0.088	0.027	0.122	0.083	0.006	0.026	0.149	0.094	0.189	0.210	0.150
	Back side	0.208	0.225	0.076	0.733	0.769	0.087	0.076	0.614	0.553	1.219	1.198	1.246
	Top side	0.028	0.181	0.001	0.147	0.003	0.072	0.001	0.209	0.101	0.248	0.176	0.103
	Bottom side	0.001	0.002	0.024	0.001	0.154	0.001	0.020	0.003	0.026	0.003	0.022	0.156
	Right side	0.130	0.005	0.005	0.031	0.087	0.003	0.004	0.136	0.139	0.165	0.166	0.221
	Left side	0.010	0.071	0.020	0.112	0.020	0.058	0.016	0.081	0.088	0.180	0.139	0.088
LTE Band 66	Front side	0.270	0.088	0.027	0.122	0.083	0.006	0.026	0.358	0.302	0.397	0.418	0.358
	Back side	0.290	0.225	0.076	0.733	0.769	0.087	0.076	0.617	0.557	1.219	1.198	1.246
	Top side	0.004	0.181	0.001	0.147	0.003	0.072	0.001	0.185	0.078	0.224	0.153	0.080
	Bottom side	1.144	0.002	0.024	0.001	0.154	0.001	0.020	1.146	1.169	1.146	1.165	1.299
	Right side	0.082	0.005	0.005	0.031	0.087	0.003	0.004	0.088	0.090	0.117	0.118	0.173
	Left side	0.145	0.071	0.020	0.112	0.020	0.058						

Normal_Landscape_Body_UAT

The simultaneous body-worn exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.046	0.004	0.082	0.081	0.002	0.016	0.577	0.537	0.615	0.628	0.614	0.628
	Back side	0.394	0.164	0.115	0.126	0.395	0.014	0.169	0.557	0.523	0.533	0.688	0.802	0.957
WCDMA Band V	Front side	0.299	0.046	0.004	0.082	0.081	0.002	0.016	0.345	0.305	0.382	0.396	0.382	0.395
	Back side	0.262	0.164	0.115	0.126	0.395	0.014	0.169	0.425	0.391	0.401	0.556	0.670	0.825
LTE Band 12	Front side	0.174	0.046	0.004	0.082	0.081	0.002	0.016	0.219	0.180	0.257	0.271	0.256	0.270
	Back side	0.140	0.164	0.115	0.126	0.395	0.014	0.169	0.304	0.269	0.280	0.435	0.549	0.704
LTE Band 13	Front side	0.314	0.046	0.004	0.082	0.081	0.002	0.016	0.360	0.320	0.398	0.412	0.397	0.411
	Back side	0.268	0.164	0.115	0.126	0.395	0.014	0.169	0.432	0.397	0.407	0.563	0.676	0.832
LTE Band 26	Front side	0.326	0.046	0.004	0.082	0.081	0.002	0.016	0.372	0.332	0.409	0.423	0.409	0.422
	Back side	0.258	0.164	0.115	0.126	0.395	0.014	0.169	0.422	0.388	0.398	0.553	0.667	0.822
LTE Band 71	Front side	0.128	0.046	0.004	0.082	0.081	0.002	0.016	0.174	0.134	0.212	0.226	0.211	0.225
	Back side	0.114	0.164	0.115	0.126	0.395	0.014	0.169	0.278	0.243	0.253	0.409	0.523	0.678
NR n41	Front side	0.084	0.046	0.004	0.082	0.081	0.002	0.016	0.130	0.090	0.168	0.182	0.167	0.181
	Back side	0.217	0.164	0.115	0.126	0.395	0.014	0.169	0.381	0.346	0.356	0.511	0.625	0.780

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The simultaneous body-worn exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.046	0.004	0.082	0.081	0.002	0.016	0.572	0.532	0.610	0.624	0.609	0.623
	Back side	0.451	0.164	0.115	0.126	0.395	0.014	0.169	0.615	0.580	0.590	0.746	0.859	1.015
GPRS 1900	Front side	0.257	0.046	0.004	0.082	0.081	0.002	0.016	0.302	0.262	0.340	0.354	0.339	0.353
	Back side	0.458	0.164	0.115	0.126	0.395	0.014	0.169	0.622	0.587	0.597	0.753	0.866	1.022
WCDMA Band II	Front side	0.353	0.046	0.004	0.082	0.081	0.002	0.016	0.398	0.358	0.436	0.450	0.435	0.449
	Back side	0.454	0.164	0.115	0.126	0.395	0.014	0.169	0.618	0.584	0.594	0.749	0.863	1.018
WCDMA Band IV	Front side	0.153	0.046	0.004	0.082	0.081	0.002	0.016	0.198	0.158	0.236	0.250	0.235	0.249
	Back side	0.212	0.164	0.115	0.126	0.395	0.014	0.169	0.376	0.341	0.351	0.507	0.620	0.776
WCDMA Band V	Front side	0.246	0.046	0.004	0.082	0.081	0.002	0.016	0.292	0.252	0.330	0.344	0.329	0.343
	Back side	0.164	0.164	0.115	0.126	0.395	0.014	0.169	0.328	0.293	0.303	0.459	0.572	0.728
LTE Band 7	Front side	0.214	0.046	0.004	0.082	0.081	0.002	0.016	0.259	0.219	0.297	0.311	0.296	0.310
	Back side	0.288	0.164	0.115	0.126	0.395	0.014	0.169	0.452	0.417	0.427	0.582	0.696	0.851
LTE Band 12	Front side	0.108	0.046	0.004	0.082	0.081	0.002	0.016	0.154	0.114	0.192	0.206	0.191	0.205
	Back side	0.308	0.164	0.115	0.126	0.395	0.014	0.169	0.472	0.437	0.447	0.602	0.716	0.871
LTE Band 13	Front side	0.054	0.046	0.004	0.082	0.081	0.002	0.016	0.099	0.059	0.137	0.151	0.136	0.150
	Back side	0.259	0.164	0.115	0.126	0.395	0.014	0.169	0.423	0.388	0.398	0.553	0.667	0.822
LTE Band 25	Front side	0.530	0.046	0.004	0.082	0.081	0.002	0.016	0.576	0.536	0.614	0.628	0.613	0.627
	Back side	0.619	0.164	0.115	0.126	0.395	0.014	0.169	0.783	0.748	0.759	0.914	1.028	1.183
LTE Band 26	Front side	0.227	0.046	0.004	0.082	0.081	0.002	0.016	0.273	0.233	0.311	0.325	0.310	0.324
	Back side	0.365	0.164	0.115	0.126	0.395	0.014	0.169	0.529	0.495	0.505	0.660	0.774	0.929
LTE Band 30	Front side	0.109	0.046	0.004	0.082	0.081	0.002	0.016	0.155	0.115	0.193	0.207	0.192	0.206
	Back side	0.223	0.164	0.115	0.126	0.395	0.014	0.169	0.387	0.353	0.363	0.518	0.632	0.787
LTE Band 41	Front side	0.147	0.046	0.004	0.082	0.081	0.002	0.016	0.193	0.153	0.231	0.245	0.230	0.244
	Back side	0.208	0.164	0.115	0.126	0.395	0.014	0.169	0.372	0.337	0.348	0.503	0.617	0.772
LTE Band 48	Front side	0.063	0.046	0.004	0.082	0.081	0.002	0.016	0.109	0.069	0.147	0.161	0.146	0.160
	Back side	0.098	0.164	0.115	0.126	0.395	0.014	0.169	0.262	0.227	0.237	0.393	0.507	0.662
LTE Band 66	Front side	0.245	0.046	0.004	0.082	0.081	0.002	0.016	0.291	0.251	0.329	0.343	0.328	0.342
	Back side	0.276	0.164	0.115	0.126	0.395	0.014	0.169	0.440	0.405	0.416	0.571	0.685	0.840
LTE Band 71	Front side	0.038	0.046	0.004	0.082	0.081	0.002	0.016	0.084	0.044	0.122	0.135	0.121	0.134
	Back side	0.032	0.164	0.115	0.126	0.395	0.014	0.169	0.196	0.161	0.171	0.326	0.440	0.595
NR n41	Front side	0.032	0.046	0.004	0.082	0.081	0.002	0.016	0.078	0.038	0.116	0.130	0.115	0.129
	Back side	0.212	0.164	0.115	0.126	0.395	0.014	0.169	0.376	0.341	0.351	0.507	0.620	0.776

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Normal_Landscape_Hotspot_UAT

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.110	0.027	0.121	0.083	0.006	0.026	0.641	0.563	0.658	0.678	0.620	0.640
	Back side	0.394	0.358	0.076	0.175	0.769	0.039	0.076	0.751	0.508	0.608	0.645	1.201	1.238
	Top side	0.285	0.189	0.001	0.081	0.003	0.010	0.001	0.473	0.295	0.376	0.367	0.297	0.289
	Bottom side	0.006	0.001	0.024	0.002	0.154	0.001	0.020	0.007	0.031	0.010	0.029	0.161	0.180
	Right side	0.241	0.024	0.005	0.072	0.087	0.002	0.004	0.265	0.248	0.315	0.317	0.330	0.332
	Left side	0.140	0.125	0.020	0.022	0.020	0.017	0.016	0.265	0.177	0.179	0.178	0.177	0.176
WCDMA Band V	Front side	0.299	0.110	0.027	0.121	0.083	0.006	0.026	0.409	0.331	0.426	0.446	0.388	0.408
	Back side	0.262	0.358	0.076	0.175	0.769	0.039	0.076	0.619	0.376	0.476	0.513	1.069	1.106
	Top side	0.248	0.189	0.001	0.081	0.003	0.010	0.001	0.437	0.259	0.339	0.330	0.261	0.252
	Bottom side	0.003	0.001	0.024	0.002	0.154	0.001	0.020	0.004	0.028	0.006	0.025	0.158	0.177
	Right side	0.152	0.024	0.005	0.072	0.087	0.002	0.004	0.176	0.159	0.226	0.228	0.241	0.243
	Left side	0.096	0.125	0.020	0.022	0.020	0.017	0.016	0.221	0.134	0.136	0.135	0.134	0.132
LTE Band 12	Front side	0.174	0.110	0.027	0.121	0.083	0.006	0.026	0.284	0.206	0.301	0.321	0.262	0.283
	Back side	0.140	0.358	0.076	0.175	0.769	0.039	0.076	0.498	0.255	0.354	0.391	0.947	0.985
	Top side	0.122	0.189	0.001	0.081	0.003	0.010	0.001	0.311	0.133	0.214	0.205	0.135	0.126
	Bottom side	0.003	0.001	0.024	0.002	0.154	0.001	0.020	0.004	0.028	0.006	0.025	0.157	0.177
	Right side	0.105	0.024	0.005	0.072	0.087	0.002	0.004	0.129	0.112	0.180	0.181	0.194	0.196
	Left side	0.007	0.125	0.020	0.022	0.020	0.017	0.016	0.132	0.044	0.047	0.045	0.045	0.043
LTE Band 13	Front side	0.314	0.110	0.027	0.121	0.083	0.006	0.026	0.424	0.347	0.441	0.462	0.403	0.423
	Back side	0.268	0.358	0.076	0.175	0.769	0.039	0.076	0.626	0.383	0.482	0.519	1.075	1.112
	Top side	0.200	0.189	0.001	0.081	0.003	0.010	0.001	0.388	0.211	0.291	0.282	0.213	0.204
	Bottom side	0.007	0.001	0.024	0.002	0.154	0.001	0.020	0.008	0.032	0.010	0.029	0.162	0.181
	Right side	0.158	0.024	0.005	0.072	0.087	0.002	0.004	0.183	0.165	0.233	0.235	0.248	0.249
	Left side	0.083	0.125	0.020	0.022	0.020	0.017	0.016	0.208	0.120	0.123	0.121	0.120	0.119
LTE Band 26	Front side	0.326	0.110	0.027	0.121	0.083	0.006	0.026	0.436	0.358	0.453	0.473	0.415	0.435
	Back side	0.258	0.358	0.076	0.175	0.769	0.039	0.076	0.616	0.373	0.473	0.510	1.066	1.103
	Top side	0.204	0.189	0.001	0.081	0.003	0.010	0.001	0.393	0.215	0.296	0.287	0.217	0.208
	Bottom side	0.001	0.001	0.024	0.002	0.154	0.001	0.020	0.002	0.026	0.004	0.024	0.156	0.175
	Right side	0.131	0.024	0.005	0.072	0.087	0.002	0.004	0.155	0.138	0.206	0.207	0.220	0.222
	Left side	0.102	0.125	0.020	0.022	0.020	0.017	0.016	0.227	0.139	0.142	0.141	0.140	0.138
LTE Band 71	Front side	0.128	0.110	0.027	0.121	0.083	0.006	0.026	0.239	0.161	0.255	0.276	0.217	0.237
	Back side	0.114	0.358	0.076	0.175	0.769	0.039	0.076	0.472	0.229	0.328	0.365	0.921	0.958
	Top side	0.095	0.189	0.001	0.081	0.003	0.010	0.001	0.284	0.106	0.186	0.178	0.108	0.099
	Bottom side	0.001	0.001	0.024	0.002	0.154	0.001	0.020	0.002	0.026	0.004	0.024	0.156	0.175
	Right side	0.002	0.024	0.005	0.072	0.087	0.002	0.004	0.027	0.009	0.077	0.079	0.092	0.093
	Left side	0.068	0.125	0.020	0.022	0.020	0.017	0.016	0.193	0.105	0.107	0.106	0.105	0.104
NR n41	Front side	0.084	0.110	0.027	0.121	0.083	0.006	0.026	0.194	0.116	0.211	0.231	0.173	0.193
	Back side	0.217	0.358	0.076	0.175	0.769	0.039	0.076	0.575	0.331	0.431	0.468	1.024	1.061
	Top side	0.006	0.189	0.001	0.081	0.003	0.010	0.001	0.194	0.017	0.097	0.088	0.019	0.010
	Bottom side	0.004	0.001	0.024	0.002	0.154	0.001	0.020	0.005	0.029	0.008	0.027	0.159	0.178
	Right side	0.013	0.024	0.005	0.072	0.087	0.002	0.004	0.038	0.020	0.088	0.090	0.103	0.104
	Left side	0.025	0.125	0.020	0.022	0.020	0.017	0.016	0.150	0.062	0.065	0.063	0.062	0.061

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Normal_Landscape_Hotspot_LAT

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.727	0.110	0.027	0.121	0.083	0.006	0.026	0.837	0.759	0.854	0.874	0.816	0.836
	Back side	0.574	0.358	0.076	0.175	0.769	0.039	0.076	0.932	0.689	0.788	0.826	1.382	1.419
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.013	0.093	0.084	0.014	0.006
	Bottom side	0.560	0.001	0.024	0.002	0.154	0.001	0.020	0.561	0.585	0.563	0.582	0.715	0.734
	Right side	0.522	0.024	0.005	0.072	0.087	0.002	0.004	0.546	0.529	0.596	0.598	0.611	0.612
GPRS 1900	Left side	0.135	0.125	0.020	0.022	0.020	0.017	0.016	0.260	0.172	0.175	0.173	0.172	0.171
	Front side	0.393	0.110	0.027	0.121	0.083	0.006	0.026	0.503	0.425	0.520	0.540	0.482	0.502
	Back side	0.433	0.358	0.076	0.175	0.769	0.039	0.076	0.791	0.548	0.647	0.684	1.240	1.277
	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.092	0.083	0.014	0.005
	Bottom side	1.136	0.001	0.024	0.002	0.154	0.001	0.020	1.137	1.161	1.139	1.158	1.291	1.310
WCDMA Band II	Right side	0.146	0.024	0.005	0.072	0.087	0.002	0.004	0.170	0.153	0.220	0.222	0.235	0.237
	Left side	0.240	0.125	0.020	0.022	0.020	0.017	0.016	0.365	0.277	0.279	0.278	0.277	0.276
	Front side	0.209	0.110	0.027	0.121	0.083	0.006	0.026	0.319	0.242	0.336	0.356	0.298	0.318
	Back side	0.373	0.358	0.076	0.175	0.769	0.039	0.076	0.731	0.487	0.587	0.624	1.180	1.217
	Top side	0.003	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.085	0.016	0.007
WCDMA Band IV	Bottom side	1.172	0.001	0.024	0.002	0.154	0.001	0.020	1.173	1.197	1.176	1.195	1.327	1.346
	Right side	0.069	0.024	0.005	0.072	0.087	0.002	0.004	0.094	0.076	0.144	0.146	0.159	0.160
	Left side	0.124	0.125	0.020	0.022	0.020	0.017	0.016	0.249	0.161	0.163	0.162	0.161	0.160
	Front side	0.292	0.110	0.027	0.121	0.083	0.006	0.026	0.403	0.325	0.419	0.440	0.381	0.401
	Back side	0.495	0.358	0.076	0.175	0.769	0.039	0.076	0.853	0.709	0.848	0.746	1.302	1.340
WCDMA Band V	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.092	0.083	0.014	0.005
	Bottom side	1.098	0.001	0.024	0.002	0.154	0.001	0.020	1.099	1.123	1.101	1.120	1.252	1.271
	Right side	0.070	0.024	0.005	0.072	0.087	0.002	0.004	0.095	0.077	0.145	0.147	0.160	0.161
	Left side	0.164	0.125	0.020	0.022	0.020	0.017	0.016	0.289	0.201	0.203	0.202	0.201	0.200
	Front side	0.715	0.110	0.027	0.121	0.083	0.006	0.026	0.825	0.748	0.842	0.862	0.804	0.824
LTE Band 7	Back side	0.634	0.358	0.076	0.175	0.769	0.039	0.076	0.992	0.749	0.848	0.885	1.441	1.478
	Top side	0.003	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.013	0.093	0.084	0.015	0.006
	Bottom side	0.428	0.001	0.024	0.002	0.154	0.001	0.020	0.429	0.453	0.431	0.451	0.583	0.602
	Right side	0.211	0.024	0.005	0.072	0.087	0.002	0.004	0.236	0.218	0.286	0.288	0.301	0.302
	Left side	0.142	0.125	0.020	0.022	0.020	0.017	0.016	0.267	0.180	0.182	0.181	0.180	0.178
LTE Band 12	Front side	0.343	0.110	0.027	0.121	0.083	0.006	0.026	0.453	0.375	0.470	0.490	0.432	0.452
	Back side	0.365	0.358	0.076	0.175	0.769	0.039	0.076	0.723	0.479	0.579	0.616	1.172	1.209
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.191	0.013	0.093	0.084	0.015	0.006
	Bottom side	0.825	0.001	0.024	0.002	0.154	0.001	0.020	0.826	0.850	0.828	0.848	0.960	0.999
	Right side	0.071	0.024	0.005	0.072	0.087	0.002	0.004	0.095	0.078	0.145	0.147	0.160	0.162
LTE Band 13	Left side	0.246	0.125	0.020	0.022	0.020	0.017	0.016	0.371	0.283	0.286	0.284	0.283	0.282
	Front side	0.287	0.110	0.027	0.121	0.083	0.006	0.026	0.397	0.319	0.414	0.434	0.376	0.396
	Back side	0.272	0.358	0.076	0.175	0.769	0.039	0.076	0.630	0.387	0.486	0.523	1.079	1.116
	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.093	0.084	0.014	0.005
	Bottom side	0.236	0.001	0.024	0.002	0.154	0.001	0.020	0.237	0.261	0.239	0.258	0.391	0.410
LTE Band 25	Right side	0.003	0.024	0.005	0.072	0.087	0.002	0.004	0.028	0.010	0.078	0.079	0.093	0.094
	Left side	0.003	0.125	0.020	0.022	0.020	0.017	0.016	0.128	0.040	0.043	0.041	0.040	0.039
	Front side	0.458	0.110	0.027	0.121	0.083	0.006	0.026	0.568	0.490	0.585	0.605	0.547	0.567
	Back side	0.395	0.358	0.076	0.175	0.769	0.039	0.076	0.753	0.510	0.610	0.647	1.203	1.240
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.013	0.093	0.084	0.015	0.006
LTE Band 26	Bottom side	0.304	0.001	0.024	0.002	0.154	0.001	0.020	0.305	0.329	0.307	0.326	0.459	0.478
	Right side	0.003	0.024	0.005	0.072	0.087	0.002	0.004	0.027	0.010	0.078	0.079	0.092	0.094
	Left side	0.002	0.125	0.020	0.022	0.020	0.017	0.016	0.127	0.039	0.041	0.040	0.039	0.038
	Front side	0.442	0.110	0.027	0.121	0.083	0.006	0.026	0.552	0.474	0.569	0.589	0.531	0.551
	Back side	0.475	0.358	0.076	0.175	0.769	0.039	0.076	0.833	0.590	0.689	0.726	1.282	1.319
LTE Band 30	Top side	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.190	0.012	0.092	0.083	0.014	0.005
	Bottom side	1.152	0.001	0.024	0.002	0.154	0.001	0.020	1.153	1.177	1.155	1.174	1.307	1.326
	Right side	0.012	0.024	0.005	0.072	0.087	0.002	0.004	0.036	0.019	0.087	0.088	0.101	0.103
	Left side	0.225	0.125	0.020	0.022	0.020	0.017	0.016	0.350	0.262	0.264	0.263	0.262	0.261
	Front side	0.482	0.110	0.027	0.121	0.083	0.006	0.026	0.592	0.514	0.609	0.629	0.571	0.591
LTE Band 41	Back side	0.471	0.358	0.076	0.175	0.769	0.039	0.076	0.829	0.586	0.685	0.722	1.278	1.316
	Top side	0.006	0.189	0.001	0.081	0.003	0.010	0.001	0.195	0.017	0.098	0.089	0.019	0.010
	Bottom side	0.438	0.001	0.024	0.002	0.154	0.001	0.020	0.439	0.463	0.441	0.460	0.592	0.612
	Right side	0.338	0.024	0.005	0.072	0.087	0.002	0.004	0.362	0.345	0.413	0.414	0.427	0.429
	Left side	0.076	0.125	0.020	0.022	0.020	0.017	0.016	0.201	0.113	0.115	0.114	0.113	0.112
LTE Band 48	Front side	0.597	0.110	0.027	0.121	0.083	0.006	0.026	0.708	0.630	0.724	0.745	0.686	0.706
	Back side	0.614	0.358	0.076	0.175	0.769	0.039	0.076	0.972	0.729	0.828	0.866	1.422	1.459
	Top side	0.009	0.189	0.001	0.081	0.003	0.010	0.001	0.197	0.019	0.100	0.091	0.021	0.013
	Bottom side	0.800	0.001	0.024	0.002	0.154	0.001	0.020	0.801	0.825	0.803	0.823	0.955	0.974
	Right side	0.061	0.024	0.005	0.072	0.087	0.002	0.004	0.086	0.068	0.136	0.138	0.151	0.152
LTE Band 66	Left side	0.416	0.125	0.020	0.022	0.020	0.017	0.016	0.541	0.453	0.455	0.454	0.453	0.452
	Front side	0.355	0.110	0.027	0.121	0.083	0.006	0.026	0.465	0.387	0.482	0.502	0.444	0.464
	Back side	0.470	0.358	0.076	0.175	0.769	0.039	0.076	0.827	0.584	0.684	0.721	1.277	1.314
	Top side	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.191	0.013	0.093	0.084	0.015	0.006
	Bottom side	0.606	0.001	0.024	0.002	0.154	0.001	0.020	0.607	0.631	0.609	0.628	0.760	0.779
LTE Band 71	Right side	0.005	0.024	0.005	0.072	0.087	0.002	0.004	0.029	0.012	0.079	0.081	0.094	0.096
	Left side	0.252	0.125	0.020	0.022	0.020	0.017	0.016	0.377	0.289	0.292	0.290	0.289	0.288
	Front side	0.061	0.110	0.027	0.121	0.083	0.006	0.026	0.172	0.094	0.188	0.209	0.150	0.170
	Back side	0.208	0.358	0.076	0.175	0.769	0.039	0.076	0.566	0.323	0.422	0.459	1.015	1.052
	Top side	0.028	0.189	0.001	0.081	0.003	0.010	0.001	0.216	0.039	0.119	0.110	0.041	0.032
NR n41	Bottom side	1.144	0.001	0.024	0.002	0.154	0.001	0.020	1.145	1.169	1.147	1.166	1.299	1.318
	Right side	0.082	0.024	0.005	0.072	0.087	0.002	0.004	0.107	0.089	0.157	0.159	0.172	0.173
	Left side	0.145	0.125	0.020	0.022	0.020	0.017	0.016	0.270	0.183	0.185	0.184	0.183	0.181
	Front side	0.236	0.110	0.										

Gaming_Body_UAT

The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.046	0.004	0.082	0.083	0.002	0.016	0.577	0.537	0.615	0.628	0.616	0.630
	Back side	0.394	0.164	0.115	0.126	0.451	0.014	0.169	0.557	0.523	0.533	0.688	0.858	1.013
WCDMA Band V	Front side	0.299	0.046	0.004	0.082	0.083	0.002	0.016	0.345	0.305	0.382	0.396	0.384	0.398
	Back side	0.262	0.164	0.115	0.126	0.451	0.014	0.169	0.425	0.391	0.401	0.556	0.726	0.881
LTE Band 12	Front side	0.174	0.046	0.004	0.082	0.083	0.002	0.016	0.219	0.180	0.257	0.271	0.259	0.273
	Back side	0.140	0.164	0.115	0.126	0.451	0.014	0.169	0.304	0.269	0.280	0.435	0.605	0.760
LTE Band 13	Front side	0.314	0.046	0.004	0.082	0.083	0.002	0.016	0.360	0.320	0.398	0.412	0.399	0.413
	Back side	0.268	0.164	0.115	0.126	0.451	0.014	0.169	0.432	0.397	0.407	0.563	0.733	0.888
LTE Band 26	Front side	0.326	0.046	0.004	0.082	0.083	0.002	0.016	0.372	0.332	0.409	0.423	0.411	0.425
	Back side	0.258	0.164	0.115	0.126	0.451	0.014	0.169	0.422	0.388	0.398	0.553	0.723	0.878
LTE Band 71	Front side	0.128	0.046	0.004	0.082	0.083	0.002	0.016	0.174	0.134	0.212	0.226	0.213	0.227
	Back side	0.114	0.164	0.115	0.126	0.451	0.014	0.169	0.278	0.243	0.253	0.409	0.579	0.734
NR n41	Front side	0.084	0.046	0.004	0.082	0.083	0.002	0.016	0.130	0.090	0.168	0.182	0.169	0.183
	Back side	0.217	0.164	0.115	0.126	0.451	0.014	0.169	0.381	0.346	0.356	0.511	0.681	0.837

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Gaming_Body_LAT

The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.526	0.046	0.004	0.082	0.083	0.002	0.016	0.572	0.532	0.610	0.624	0.612	0.625
	Back side	0.451	0.164	0.115	0.126	0.451	0.014	0.169	0.615	0.580	0.590	0.746	0.916	1.071
GPRS 1900	Front side	0.257	0.046	0.004	0.082	0.083	0.002	0.016	0.302	0.262	0.340	0.354	0.342	0.356
	Back side	0.458	0.164	0.115	0.126	0.451	0.014	0.169	0.622	0.587	0.597	0.753	0.923	1.078
WCDMA Band II	Front side	0.353	0.046	0.004	0.082	0.083	0.002	0.016	0.398	0.358	0.436	0.450	0.438	0.452
	Back side	0.454	0.164	0.115	0.126	0.451	0.014	0.169	0.618	0.584	0.594	0.749	0.919	1.074
WCDMA Band IV	Front side	0.153	0.046	0.004	0.082	0.083	0.002	0.016	0.198	0.158	0.236	0.250	0.238	0.252
	Back side	0.212	0.164	0.115	0.126	0.451	0.014	0.169	0.376	0.341	0.351	0.507	0.677	0.832
WCDMA Band V	Front side	0.246	0.046	0.004	0.082	0.083	0.002	0.016	0.292	0.252	0.330	0.344	0.331	0.345
	Back side	0.164	0.164	0.115	0.126	0.451	0.014	0.169	0.328	0.293	0.303	0.459	0.629	0.784
LTE Band 7	Front side	0.214	0.046	0.004	0.082	0.083	0.002	0.016	0.259	0.219	0.297	0.311	0.299	0.312
	Back side	0.288	0.164	0.115	0.126	0.451	0.014	0.169	0.452	0.417	0.427	0.582	0.752	0.908
LTE Band 12	Front side	0.108	0.046	0.004	0.082	0.083	0.002	0.016	0.154	0.114	0.192	0.206	0.193	0.207
	Back side	0.308	0.164	0.115	0.126	0.451	0.014	0.169	0.472	0.437	0.447	0.602	0.772	0.928
LTE Band 13	Front side	0.054	0.046	0.004	0.082	0.083	0.002	0.016	0.099	0.059	0.137	0.151	0.139	0.153
	Back side	0.259	0.164	0.115	0.126	0.451	0.014	0.169	0.423	0.388	0.398	0.553	0.723	0.879
LTE Band 25	Front side	0.530	0.046	0.004	0.082	0.083	0.002	0.016	0.576	0.536	0.614	0.628	0.615	0.629
	Back side	0.619	0.164	0.115	0.126	0.451	0.014	0.169	0.783	0.748	0.759	0.914	1.084	1.239
LTE Band 26	Front side	0.227	0.046	0.004	0.082	0.083	0.002	0.016	0.273	0.233	0.311	0.325	0.312	0.326
	Back side	0.365	0.164	0.115	0.126	0.451	0.014	0.169	0.529	0.495	0.505	0.660	0.830	0.985
LTE Band 30	Front side	0.109	0.046	0.004	0.082	0.083	0.002	0.016	0.155	0.115	0.193	0.207	0.194	0.208
	Back side	0.223	0.164	0.115	0.126	0.451	0.014	0.169	0.387	0.353	0.363	0.518	0.688	0.843
LTE Band 41	Front side	0.147	0.046	0.004	0.082	0.083	0.002	0.016	0.193	0.153	0.231	0.245	0.232	0.246
	Back side	0.208	0.164	0.115	0.126	0.451	0.014	0.169	0.372	0.337	0.348	0.503	0.673	0.828
LTE Band 48	Front side	0.063	0.046	0.004	0.082	0.083	0.002	0.016	0.109	0.069	0.147	0.161	0.148	0.162
	Back side	0.098	0.164	0.115	0.126	0.451	0.014	0.169	0.262	0.227	0.237	0.393	0.563	0.718
LTE Band 66	Front side	0.245	0.046	0.004	0.082	0.083	0.002	0.016	0.291	0.251	0.329	0.343	0.330	0.344
	Back side	0.276	0.164	0.115	0.126	0.451	0.014	0.169	0.440	0.405	0.416	0.571	0.741	0.896
LTE Band 71	Front side	0.038	0.046	0.004	0.082	0.083	0.002	0.016	0.084	0.044	0.122	0.135	0.123	0.137
	Back side	0.032	0.164	0.115	0.126	0.451	0.014	0.169	0.196	0.161	0.171	0.326	0.496	0.651
NR n41	Front side	0.032	0.046	0.004	0.082	0.083	0.002	0.016	0.078	0.038	0.116	0.130	0.117	0.131
	Back side	0.212	0.164	0.115	0.126	0.451	0.014	0.169	0.376	0.341	0.351	0.507	0.677	0.832

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Gaming_Hotspot_UAT

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum	1+5+7 Sum
GPRS 850	Front side	0.531	0.110	0.027	0.121	0.122	0.006	0.026	0.641	0.563	0.658	0.678	0.659	0.679
	Back side	0.394	0.358	0.076	0.175	0.601	0.039	0.076	0.751	0.508	0.608	0.645	1.033	1.070
	Top side	0.285	0.189	0.001	0.081	0.029	0.010	0.001	0.473	0.295	0.376	0.367	0.323	0.314
	Bottom side	0.006	0.001	0.024	0.002	0.024	0.001	0.020	0.007	0.031	0.010	0.029	0.031	0.051
	Right side	0.241	0.024	0.005	0.072	0.090	0.002	0.004	0.265	0.248	0.315	0.317	0.332	0.334
	Left side	0.140	0.125	0.020	0.022	0.003	0.017	0.016	0.265	0.177	0.179	0.178	0.161	0.159
WCDMA Band V	Front side	0.299	0.110	0.027	0.121	0.122	0.006	0.026	0.409	0.331	0.426	0.446	0.426	0.447
	Back side	0.262	0.358	0.076	0.175	0.601	0.039	0.076	0.619	0.376	0.476	0.513	0.901	0.938
	Top side	0.248	0.189	0.001	0.081	0.029	0.010	0.001	0.437	0.259	0.339	0.330	0.286	0.278
	Bottom side	0.003	0.001	0.024	0.002	0.024	0.001	0.020	0.004	0.028	0.006	0.025	0.028	0.047
	Right side	0.152	0.024	0.005	0.072	0.090	0.002	0.004	0.176	0.159	0.226	0.228	0.244	0.245
	Left side	0.096	0.125	0.020	0.022	0.003	0.017	0.016	0.221	0.134	0.136	0.135	0.117	0.116
LTE Band 12	Front side	0.174	0.110	0.027	0.121	0.122	0.006	0.026	0.284	0.206	0.301	0.321	0.301	0.322
	Back side	0.140	0.358	0.076	0.175	0.601	0.039	0.076	0.498	0.255	0.354	0.391	0.780	0.817
	Top side	0.122	0.189	0.001	0.081	0.029	0.010	0.001	0.311	0.133	0.214	0.205	0.161	0.152
	Bottom side	0.003	0.001	0.024	0.002	0.024	0.001	0.020	0.004	0.028	0.006	0.025	0.028	0.047
	Right side	0.105	0.024	0.005	0.072	0.090	0.002	0.004	0.129	0.112	0.180	0.181	0.197	0.198
	Left side	0.007	0.125	0.020	0.022	0.003	0.017	0.016	0.132	0.044	0.047	0.045	0.028	0.027
LTE Band 13	Front side	0.314	0.110	0.027	0.121	0.122	0.006	0.026	0.424	0.347	0.441	0.462	0.442	0.462
	Back side	0.268	0.358	0.076	0.175	0.601	0.039	0.076	0.626	0.383	0.482	0.519	0.908	0.945
	Top side	0.200	0.189	0.001	0.081	0.029	0.010	0.001	0.388	0.211	0.291	0.282	0.238	0.229
	Bottom side	0.007	0.001	0.024	0.002	0.024	0.001	0.020	0.008	0.032	0.010	0.029	0.032	0.051
	Right side	0.158	0.024	0.005	0.072	0.090	0.002	0.004	0.183	0.165	0.233	0.235	0.250	0.252
	Left side	0.083	0.125	0.020	0.022	0.003	0.017	0.016	0.208	0.120	0.123	0.121	0.104	0.103
LTE Band 26	Front side	0.326	0.110	0.027	0.121	0.122	0.006	0.026	0.436	0.358	0.453	0.473	0.453	0.474
	Back side	0.258	0.358	0.076	0.175	0.601	0.039	0.076	0.616	0.373	0.473	0.510	0.898	0.935
	Top side	0.204	0.189	0.001	0.081	0.029	0.010	0.001	0.393	0.215	0.296	0.287	0.243	0.234
	Bottom side	0.001	0.001	0.024	0.002	0.024	0.001	0.020	0.002	0.026	0.004	0.024	0.026	0.046
	Right side	0.131	0.024	0.005	0.072	0.090	0.002	0.004	0.155	0.138	0.206	0.207	0.223	0.224
	Left side	0.102	0.125	0.020	0.022	0.003	0.017	0.016	0.227	0.139	0.142	0.141	0.123	0.122
LTE Band 71	Front side	0.128	0.110	0.027	0.121	0.122	0.006	0.026	0.239	0.161	0.255	0.276	0.256	0.276
	Back side	0.114	0.358	0.076	0.175	0.601	0.039	0.076	0.472	0.229	0.328	0.365	0.754	0.791
	Top side	0.095	0.189	0.001	0.081	0.029	0.010	0.001	0.284	0.106	0.186	0.178	0.133	0.125
	Bottom side	0.001	0.001	0.024	0.002	0.024	0.001	0.020	0.002	0.026	0.004	0.024	0.026	0.045
	Right side	0.002	0.024	0.005	0.072	0.090	0.002	0.004	0.027	0.009	0.077	0.079	0.094	0.096
	Left side	0.068	0.125	0.020	0.022	0.003	0.017	0.016	0.193	0.105	0.107	0.106	0.089	0.087
NR n41	Front side	0.084	0.110	0.027	0.121	0.122	0.006	0.026	0.194	0.116	0.211	0.231	0.212	0.232
	Back side	0.217	0.358	0.076	0.175	0.601	0.039	0.076	0.575	0.331	0.431	0.468	0.857	0.894
	Top side	0.006	0.189	0.001	0.081	0.029	0.010	0.001	0.194	0.017	0.097	0.088	0.044	0.035
	Bottom side	0.004	0.001	0.024	0.002	0.024	0.001	0.020	0.005	0.029	0.008	0.027	0.029	0.049
	Right side	0.013	0.024	0.005	0.072	0.090	0.002	0.004	0.038	0.020	0.088	0.090	0.105	0.107
	Left side	0.025	0.125	0.020	0.022	0.003	0.017	0.016	0.150	0.062	0.065	0.063	0.046	0.045

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Gaming_Hotspot_LAT

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN(UAT)													
WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3+6 Sum	1+4+6 Sum	1+4+7 Sum	1+5+6 Sum
GPRS 850	Front side	0.648	0.110	0.027	0.121	0.122	0.006	0.026	0.758	0.680	0.775	0.795	0.775
	Back side	0.512	0.358	0.076	0.175	0.601	0.039	0.076	0.870	0.627	0.726	0.763	1.152
	Top side	0.007	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.093	0.084	0.040
	Bottom side	0.499	0.001	0.024	0.002	0.024	0.001	0.020	0.500	0.524	0.502	0.522	0.524
	Right side	0.465	0.024	0.005	0.072	0.090	0.002	0.004	0.489	0.472	0.540	0.541	0.557
	Left side	0.120	0.125	0.020	0.022	0.003	0.017	0.016	0.245	0.158	0.160	0.159	0.141
GPRS 1900	Front side	0.393	0.110	0.027	0.121	0.122	0.006	0.026	0.503	0.425	0.520	0.540	0.521
	Back side	0.433	0.358	0.076	0.175	0.601	0.039	0.076	0.791	0.548	0.647	0.684	1.073
	Top side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.092	0.083	0.039
	Bottom side	1.136	0.001	0.024	0.002	0.024	0.001	0.020	1.137	1.161	1.139	1.158	1.161
	Right side	0.146	0.024	0.005	0.072	0.090	0.002	0.004	0.170	0.153	0.220	0.222	0.237
	Left side	0.240	0.125	0.020	0.022	0.003	0.017	0.016	0.365	0.277	0.279	0.278	0.261
WCDMA Band II	Front side	0.209	0.110	0.027	0.121	0.122	0.006	0.026	0.319	0.242	0.336	0.356	0.337
	Back side	0.373	0.358	0.076	0.175	0.601	0.039	0.076	0.731	0.487	0.587	0.624	1.012
	Top side	0.003	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.094	0.085	0.041
	Bottom side	1.172	0.001	0.024	0.002	0.024	0.001	0.020	1.173	1.197	1.176	1.195	1.197
	Right side	0.069	0.024	0.005	0.072	0.090	0.002	0.004	0.094	0.076	0.144	0.146	0.161
	Left side	0.124	0.125	0.020	0.022	0.003	0.017	0.016	0.249	0.161	0.163	0.162	0.144
WCDMA Band IV	Front side	0.292	0.110	0.027	0.121	0.122	0.006	0.026	0.403	0.325	0.419	0.440	0.420
	Back side	0.495	0.358	0.076	0.175	0.601	0.039	0.076	0.853	0.610	0.709	0.746	1.135
	Top side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.092	0.083	0.039
	Bottom side	1.098	0.001	0.024	0.002	0.024	0.001	0.020	1.099	1.123	1.101	1.120	1.123
	Right side	0.070	0.024	0.005	0.072	0.090	0.002	0.004	0.095	0.077	0.145	0.147	0.162
	Left side	0.164	0.125	0.020	0.022	0.003	0.017	0.016	0.289	0.201	0.203	0.202	0.185
WCDMA Band V	Front side	0.638	0.110	0.027	0.121	0.122	0.006	0.026	0.748	0.670	0.764	0.785	0.785
	Back side	0.565	0.358	0.076	0.175	0.601	0.039	0.076	0.923	0.680	0.779	0.816	1.205
	Top side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.013	0.093	0.084	0.040
	Bottom side	0.382	0.001	0.024	0.002	0.024	0.001	0.020	0.383	0.407	0.385	0.404	0.407
	Right side	0.188	0.024	0.005	0.072	0.090	0.002	0.004	0.213	0.195	0.263	0.265	0.280
	Left side	0.127	0.125	0.020	0.022	0.003	0.017	0.016	0.252	0.164	0.167	0.165	0.148
LTE Band 7	Front side	0.343	0.110	0.027	0.121	0.122	0.006	0.026	0.453	0.375	0.470	0.490	0.471
	Back side	0.365	0.358	0.076	0.175	0.601	0.039	0.076	0.723	0.479	0.579	0.616	1.004
	Top side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.191	0.013	0.093	0.084	0.040
	Bottom side	0.825	0.001	0.024	0.002	0.024	0.001	0.020	0.826	0.850	0.828	0.848	0.850
	Right side	0.071	0.024	0.005	0.072	0.090	0.002	0.004	0.095	0.078	0.145	0.147	0.163
	Left side	0.246	0.125	0.020	0.022	0.003	0.017	0.016	0.371	0.283	0.286	0.284	0.267
LTE Band 12	Front side	0.410	0.110	0.027	0.121	0.122	0.006	0.026	0.519	0.436	0.531	0.551	0.532
	Back side	0.272	0.358	0.076	0.175	0.601	0.039	0.076	0.630	0.387	0.486	0.523	0.912
	Top side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.093	0.084	0.040
	Bottom side	0.236	0.001	0.024	0.002	0.024	0.001	0.020	0.237	0.261	0.239	0.258	0.261
	Right side	0.003	0.024	0.005	0.072	0.090	0.002	0.004	0.028	0.010	0.078	0.079	0.095
	Left side	0.003	0.125	0.020	0.022	0.003	0.017	0.016	0.128	0.040	0.043	0.041	0.024
LTE Band 13	Front side	0.458	0.110	0.027	0.121	0.122	0.006	0.026	0.568	0.490	0.585	0.605	0.586
	Back side	0.395	0.358	0.076	0.175	0.601	0.039	0.076	0.753	0.510	0.610	0.647	1.035
	Top side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.013	0.093	0.084	0.040
	Bottom side	0.304	0.001	0.024	0.002	0.024	0.001	0.020	0.305	0.329	0.307	0.326	0.329
	Right side	0.003	0.024	0.005	0.072	0.090	0.002	0.004	0.027	0.010	0.078	0.079	0.095
	Left side	0.002	0.125	0.020	0.022	0.003	0.017	0.016	0.127	0.039	0.041	0.040	0.022
LTE Band 25	Front side	0.442	0.110	0.027	0.121	0.122	0.006	0.026	0.552	0.474	0.569	0.589	0.570
	Back side	0.475	0.358	0.076	0.175	0.601	0.039	0.076	0.833	0.590	0.689	0.726	1.115
	Top side	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.190	0.012	0.092	0.083	0.039
	Bottom side	1.152	0.001	0.024	0.002	0.024	0.001	0.020	1.153	1.177	1.155	1.174	1.177
	Right side	0.012	0.024	0.005	0.072	0.090	0.002	0.004	0.036	0.019	0.087	0.088	0.104
	Left side	0.225	0.125	0.020	0.022	0.003	0.017	0.016	0.350	0.262	0.264	0.263	0.245
LTE Band 26	Front side	0.482	0.110	0.027	0.121	0.122	0.006	0.026	0.592	0.514	0.609	0.629	0.610
	Back side	0.471	0.358	0.076	0.175	0.601	0.039	0.076	0.829	0.586	0.685	0.722	1.111
	Top side	0.006	0.189	0.001	0.081	0.029	0.010	0.001	0.195	0.017	0.098	0.089	0.045
	Bottom side	0.438	0.001	0.024	0.002	0.024	0.001	0.020	0.439	0.463	0.441	0.460	0.463
	Right side	0.338	0.024	0.005	0.072	0.090	0.002	0.004	0.342	0.313	0.414	0.430	0.431
	Left side	0.076	0.125	0.020	0.022	0.003	0.017	0.016	0.201	0.113	0.115	0.114	0.097
LTE Band 30	Front side	0.475	0.110	0.027	0.121	0.122	0.006	0.026	0.585	0.507	0.601	0.622	0.602
	Back side	0.488	0.358	0.076	0.175	0.601	0.039	0.076	0.846	0.603	0.702	0.739	1.128
	Top side	0.007	0.189	0.001	0.081	0.029	0.010	0.001	0.195	0.018	0.098	0.089	0.045
	Bottom side	0.636	0.001	0.024	0.002	0.024	0.001	0.020	0.637	0.661	0.639	0.658	0.661
	Right side	0.049	0.024	0.005	0.072	0.090	0.002	0.004	0.073	0.056	0.123	0.125	0.140
	Left side	0.330	0.125	0.020	0.022	0.003	0.017	0.016	0.455	0.368	0.370	0.369	0.351
LTE Band 41	Front side	0.355	0.110	0.027	0.121	0.122	0.006	0.026	0.465	0.387	0.482	0.502	0.483
	Back side	0.470	0.358	0.076	0.175	0.601	0.039	0.076	0.827	0.584	0.684	0.721	1.109
	Top side	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.191	0.013	0.093	0.084	0.040
	Bottom side	0.606	0.001	0.024	0.002	0.024	0.001	0.020	0.607	0.631	0.609	0.628	0.631
	Right side	0.005	0.024	0.005	0.072	0.090	0.002	0.004	0.029	0.012	0.079	0.081	0.096
	Left side	0.252	0.125	0.020	0.022	0.003	0.017	0.016	0.377	0.289	0.292	0.290	0.273
LTE Band 48	Front side	0.061	0.110	0.027	0.121	0.122	0.006	0.026	0.172	0.094	0.188	0.209	0.189
	Back side	0.208	0.358	0.076	0.175	0.601	0.039	0.076	0.566	0.323	0.422	0.459	0.848
	Top side	0.028	0.189	0.001	0.081	0.029	0.010	0.001	0.216	0.039	0.119	0.110	0.066
	Bottom side	0.001	0.001	0.024	0.002	0.024	0.001	0.020	0.002	0.026	0.004	0.023	0.026
	Right side	0.130	0.024	0.005	0.072	0.090	0.002	0.004	0.155	0.137	0.205	0.207	0.222
	Left side	0.010	0.125	0.020	0.022	0.003	0.017	0.016	0.135	0.048	0.050	0.049	0.031
LTE Band 66	Front side	0.270	0.110	0.027	0.121	0.122	0.006	0.026	0.380	0.302	0.397	0.417	0.397
	Back side	0.390	0.358	0.076	0.175	0.601	0.039	0.076	0.748	0.505	0.604	0.641	1.030
	Top side	0.004	0.189	0.001	0.081	0.029	0.010	0.001	0.193	0.015	0.095	0.087	0.043
	Bottom side	1.144	0.001	0.024	0.002	0.024	0.001	0.020	1.145	1.169	1.147	1.166	1.169
	Right side	0.082	0.024	0.005	0.072	0.090	0.002	0.004	0.107	0.089	0.157	0.159	0.174
	Left side	0.145	0.125	0.020	0.022	0.003	0.017						

MIMO+DBS_Head+Body

Calling_Head_UAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GSM 850	ReCheek	0.524	0.225	0.196	0.252	0.175	0.195	0.050	0.945	1.001	0.924	1.167	1.022	1.090	0.945	1.145	1.001	1.371
	ReTilt	0.304	0.103	0.060	0.132	0.072	0.073	0.023	0.467	0.539	0.479	0.570	0.520	0.510	0.460	0.582	0.532	0.672
	LeCheek	0.328	0.466	0.082	0.466	0.093	0.235	0.030	0.876	1.260	0.887	1.111	0.905	0.738	0.532	1.122	0.916	1.435
WCDMA Band V	LeTilt	0.290	0.213	0.045	0.192	0.043	0.091	0.015	0.548	0.696	0.546	0.619	0.542	0.469	0.393	0.617	0.540	0.784
	ReCheek	0.462	0.225	0.196	0.252	0.175	0.195	0.050	0.882	0.938	0.861	1.104	0.959	1.027	0.882	1.083	0.938	1.309
	ReTilt	0.273	0.103	0.060	0.132	0.072	0.073	0.023	0.437	0.509	0.449	0.539	0.489	0.479	0.429	0.551	0.501	0.642
LTE Band 12	LeCheek	0.325	0.466	0.082	0.466	0.093	0.235	0.030	0.874	1.258	0.884	1.109	0.903	0.735	0.529	1.119	0.914	1.432
	LeTilt	0.229	0.213	0.045	0.192	0.043	0.091	0.015	0.488	0.635	0.485	0.558	0.482	0.409	0.332	0.556	0.480	0.723
	ReCheek	0.321	0.225	0.196	0.252	0.175	0.195	0.050	0.742	0.798	0.721	0.964	0.819	0.887	0.742	0.943	0.798	1.168
LTE Band 13	ReTilt	0.212	0.103	0.060	0.132	0.072	0.073	0.023	0.376	0.447	0.388	0.478	0.428	0.418	0.368	0.490	0.440	0.580
	LeCheek	0.234	0.466	0.082	0.466	0.093	0.235	0.030	0.782	1.166	0.793	1.017	0.812	0.644	0.438	1.028	0.822	1.341
	LeTilt	0.155	0.213	0.045	0.192	0.043	0.091	0.015	0.413	0.561	0.411	0.484	0.407	0.334	0.258	0.482	0.405	0.649
LTE Band 26	ReCheek	0.516	0.225	0.196	0.252	0.175	0.195	0.050	0.937	0.993	0.916	1.159	1.014	1.082	0.937	1.137	0.993	1.363
	ReTilt	0.253	0.103	0.060	0.132	0.072	0.073	0.023	0.416	0.488	0.428	0.519	0.469	0.459	0.409	0.531	0.481	0.621
	LeCheek	0.313	0.466	0.082	0.466	0.093	0.235	0.030	0.861	1.246	0.872	1.096	0.891	0.723	0.517	1.107	0.901	1.420
LTE Band 71	LeTilt	0.241	0.213	0.045	0.192	0.043	0.091	0.015	0.499	0.647	0.497	0.570	0.493	0.420	0.344	0.569	0.491	0.735
	ReCheek	0.457	0.225	0.196	0.252	0.175	0.195	0.050	0.878	0.933	0.857	1.100	0.955	1.023	0.878	1.078	0.933	1.304
	ReTilt	0.279	0.103	0.060	0.132	0.072	0.073	0.023	0.443	0.515	0.455	0.545	0.495	0.485	0.435	0.557	0.507	0.647
LTE Band n41	LeCheek	0.317	0.466	0.082	0.466	0.093	0.235	0.030	0.865	1.249	0.876	1.100	0.894	0.726	0.521	1.111	0.905	1.423
	LeTilt	0.248	0.213	0.045	0.192	0.043	0.091	0.015	0.506	0.654	0.504	0.577	0.501	0.427	0.351	0.575	0.499	0.742
	ReCheek	0.279	0.225	0.196	0.252	0.175	0.195	0.050	0.699	0.755	0.678	0.921	0.776	0.844	0.699	0.900	0.755	1.126
NR n41	LeCheek	0.165	0.103	0.060	0.132	0.072	0.073	0.023	0.329	0.401	0.341	0.431	0.382	0.371	0.322	0.443	0.393	0.534
	LeTilt	0.232	0.466	0.082	0.466	0.093	0.235	0.030	0.780	1.164	0.790	1.015	0.809	0.641	0.435	1.025	0.820	1.338
	ReCheek	0.141	0.213	0.045	0.192	0.043	0.091	0.015	0.400	0.547	0.398	0.470	0.394	0.321	0.245	0.468	0.392	0.635
	ReCheek	0.048	0.225	0.196	0.252	0.175	0.195	0.050	0.469	0.525	0.448	0.691	0.546	0.614	0.469	0.670	0.525	0.895
	ReTilt	0.023	0.103	0.060	0.132	0.072	0.073	0.023	0.187	0.259	0.199	0.289	0.239	0.229	0.179	0.301	0.251	0.391
	LeCheek	0.013	0.466	0.082	0.466	0.093	0.235	0.030	0.561	0.946	0.572	0.796	0.591	0.423	0.217	0.807	0.601	1.120
	LeTilt	0.009	0.213	0.045	0.192	0.043	0.091	0.015	0.267	0.415	0.265	0.338	0.262	0.188	0.112	0.336	0.260	0.503

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Calling_Head_LAT

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN(LAT)																		
WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GSM 850	ReCheek	0.282	0.225	0.196	0.252	0.175	0.195	0.050	0.703	0.758	0.681	0.924	0.779	0.847	0.703	0.903	0.758	1.129
	ReTilt	0.125	0.103	0.060	0.132	0.072	0.073	0.023	0.289	0.361	0.301	0.391	0.342	0.331	0.282	0.403	0.354	0.494
	LeCheek	0.176	0.466	0.082	0.466	0.093	0.235	0.030	0.724	1.108	0.734	0.959	0.753	0.585	0.379	0.969	0.764	1.282
	LeTilt	0.097	0.213	0.045	0.192	0.043	0.091	0.015	0.355	0.503	0.353	0.426	0.349	0.276	0.200	0.424	0.347	0.591
GSM 1900	ReCheek	0.091	0.225	0.196	0.252	0.175	0.195	0.050	0.512	0.567	0.490	0.733	0.589	0.657	0.512	0.712	0.567	0.938
	ReTilt	0.059	0.103	0.060	0.132	0.072	0.073	0.023	0.222	0.294	0.234	0.324	0.275	0.264	0.215	0.336	0.287	0.427
	LeCheek	0.118	0.466	0.082	0.466	0.093	0.235	0.030	0.666	1.050	0.677	0.901	0.695	0.527	0.322	0.912	0.706	1.225
	LeTilt	0.077	0.213	0.045	0.192	0.043	0.091	0.015	0.335	0.483	0.333	0.406	0.330	0.256	0.180	0.404	0.327	0.571
WCDMA Band II	ReCheek	0.251	0.225	0.196	0.252	0.175	0.195	0.050	0.671	0.727	0.650	0.893	0.748	0.816	0.671	0.872	0.727	1.098
	ReTilt	0.182	0.103	0.060	0.132	0.072	0.073	0.023	0.345	0.417	0.357	0.448	0.398	0.388	0.338	0.460	0.410	0.550
	LeCheek	0.302	0.466	0.082	0.466	0.093	0.235	0.030	0.850	1.234	0.861	1.085	0.879	0.711	0.506	1.095	0.890	1.408
	LeTilt	0.230	0.213	0.045	0.192	0.043	0.091	0.015	0.488	0.636	0.486	0.559	0.483	0.409	0.333	0.557	0.481	0.724
WCDMA Band IV	ReCheek	0.176	0.225	0.196	0.252	0.175	0.195	0.050	0.597	0.652	0.576	0.819	0.674	0.742	0.597	0.797	0.653	1.023
	ReTilt	0.127	0.103	0.060	0.132	0.072	0.073	0.023	0.290	0.362	0.302	0.392	0.343	0.332	0.283	0.404	0.355	0.495
	LeCheek	0.246	0.466	0.082	0.466	0.093	0.235	0.030	0.794	1.179	0.805	1.029	0.824	0.656	0.450	1.040	0.835	1.353
	LeTilt	0.160	0.213	0.045	0.192	0.043	0.091	0.015	0.419	0.566	0.417	0.489	0.413	0.340	0.264	0.487	0.411	0.654
WCDMA Band V	ReCheek	0.141	0.225	0.196	0.252	0.175	0.195	0.050	0.562	0.617	0.540	0.783	0.638	0.706	0.562	0.762	0.617	0.988
	ReTilt	0.103	0.103	0.060	0.132	0.072	0.073	0.023	0.267	0.339	0.279	0.369	0.319	0.309	0.259	0.381	0.331	0.472
	LeCheek	0.110	0.466	0.082	0.466	0.093	0.235	0.030	0.658	1.042	0.669	0.893	0.687	0.520	0.314	0.904	0.698	1.217
	LeTilt	0.071	0.213	0.045	0.192	0.043	0.091	0.015	0.329	0.477	0.327	0.400	0.324	0.250	0.174	0.398	0.322	0.565
LTE Band 7	ReCheek	0.097	0.225	0.196	0.252	0.175	0.195	0.050	0.518	0.574	0.497	0.740	0.595	0.663	0.518	0.718	0.574	0.944
	ReTilt	0.058	0.103	0.060	0.132	0.072	0.073	0.023	0.222	0.294	0.234	0.324	0.274	0.264	0.215	0.336	0.286	0.427
	LeCheek	0.127	0.466	0.082	0.466	0.093	0.235	0.030	0.675	1.060	0.686	0.910	0.705	0.537	0.331	0.921	0.715	1.234
	LeTilt	0.087	0.213	0.045	0.192	0.043	0.091	0.015	0.345	0.493	0.343	0.416	0.339	0.266	0.190	0.414	0.337	0.581
LTE Band 12	ReCheek	0.166	0.225	0.196	0.252	0.175	0.195	0.050	0.587	0.643	0.566	0.809	0.664	0.732	0.587	0.787	0.643	1.013
	ReTilt	0.103	0.103	0.060	0.132	0.072	0.073	0.023	0.224	0.296	0.236	0.326	0.276	0.266	0.216	0.338	0.288	0.428
	LeCheek	0.097	0.466	0.082	0.466	0.093	0.235	0.030	0.645	1.029	0.655	0.890	0.674	0.506	0.301	0.890	0.685	1.203
	LeTilt	0.033	0.213	0.045	0.192	0.043	0.091	0.015	0.292	0.439	0.290	0.362	0.286	0.213	0.137	0.360	0.284	0.527
LTE Band 13	ReCheek	0.181	0.225	0.196	0.252	0.175	0.195	0.050	0.601	0.657	0.580	0.823	0.678	0.746	0.602	0.802	0.657	1.028
	ReTilt	0.067	0.103	0.060	0.132	0.072	0.073	0.023	0.231	0.302	0.243	0.333	0.283	0.273	0.223	0.345	0.295	0.435
	LeCheek	0.092	0.466	0.082	0.466	0.093	0.235	0.030	0.640	1.024	0.651	0.875	0.669	0.501	0.296	0.886	0.680	1.198
	LeTilt	0.037	0.213	0.045	0.192	0.043	0.091	0.015	0.296	0.443	0.294	0.366	0.290	0.217	0.140	0.364	0.288	0.531
LTE Band 25	ReCheek	0.220	0.225	0.196	0.252	0.175	0.195	0.050	0.641	0.696	0.619	0.862	0.717	0.785	0.641	0.841	0.696	1.067
	ReTilt	0.135	0.103	0.060	0.132	0.072	0.073	0.023	0.298	0.370	0.310	0.401	0.351	0.341	0.291	0.412	0.363	0.503
	LeCheek	0.331	0.466	0.082	0.466	0.093	0.235	0.030	0.879	1.264	0.890	1.114	0.909	0.741	0.535	1.125	0.920	1.438
	LeTilt	0.152	0.213	0.045	0.192	0.043	0.091	0.015	0.410	0.558	0.408	0.481	0.405	0.331	0.255	0.479	0.403	0.646
LTE Band 26	ReCheek	0.141	0.225	0.196	0.252	0.175	0.195	0.050	0.561	0.617	0.540	0.783	0.638	0.706	0.561	0.762	0.617	0.988
	ReTilt	0.082	0.103	0.060	0.132	0.072	0.073	0.023	0.245	0.317	0.257	0.347	0.298	0.287	0.238	0.359	0.310	0.450
	LeCheek	0.092	0.466	0.082	0.466	0.093	0.235	0.030	0.640	1.024	0.651	0.875	0.669	0.501	0.296	0.886	0.680	1.198
	LeTilt	0.051	0.213	0.045	0.192	0.043	0.091	0.015	0.309	0.457	0.307	0.380	0.304	0.230	0.154	0.378	0.301	0.545
LTE Band 30	ReCheek	0.109	0.225	0.196	0.252	0.175	0.195	0.050	0.530	0.585	0.508	0.751	0.607	0.675	0.530	0.730	0.585	0.956
	ReTilt	0.070	0.103	0.060	0.132	0.072	0.073	0.023	0.233	0.305	0.245	0.336	0.286	0.276	0.226	0.348	0.298	0.438
	LeCheek	0.180	0.466	0.082	0.466	0.093	0.235	0.030	0.728	1.112	0.739	0.963	0.758	0.590	0.384	0.974	0.768	1.287
	LeTilt	0.120	0.213	0.045	0.192	0.043	0.091	0.015	0.378	0.526	0.376	0.449	0.373	0.299	0.223	0.447	0.370	0.614
LTE Band 41	ReCheek	0.148	0.225	0.196	0.252	0.175	0.195	0.050	0.569	0.625	0.548	0.791	0.646	0.714	0.569	0.769	0.625	0.995
	ReTilt	0.090	0.103	0.060	0.132	0.072	0.073	0.023	0.254	0.326	0.266	0.356	0.307	0.296	0.247	0.368	0.318	0.459
	LeCheek	0.180	0.466	0.082	0.466	0.093	0.235	0.030	0.728	1.112	0.738	0.963	0.757	0.589	0.383	0.973	0.768	1.286
	LeTilt	0.107	0.213	0.045	0.192	0.043	0.091	0.015	0.365	0.513	0.363	0.436	0.360	0.286	0.210	0.434	0.357	0.601
LTE Band 48	ReCheek	0.039	0.225	0.196	0.252	0.175	0.195	0.050	0.459	0.515	0.438	0.681	0.536	0.604	0.459	0.660	0.515	0.886
	ReTilt	0.022	0.103	0.060	0.132	0.072	0.073	0.023	0.186	0.258	0.198	0.288	0.238	0.228	0.178	0.300	0.250	0.390
	LeCheek	0.080	0.466	0.082	0.466	0.093	0.235	0.030	0.628	1.013	0.639	0.863	0.658	0.490	0.284	0.874	0.669	1.187
	LeTilt	0.029	0.213	0.045	0.192	0.043	0.091	0.015	0.287	0.434	0.285	0.357	0.281	0.208	0.132	0.355	0.279	0.522
LTE Band 66	ReCheek	0.245	0.225	0.196	0.252	0.175	0.195	0.050	0.666	0.721	0.645	0.888	0.743	0.811	0.666	0.866	0.722	1.092
	ReTilt	0.165	0.103	0.060	0.132	0.072	0.073	0.023	0.328	0.400	0.340	0.431	0.381	0.371	0.321	0.443	0.393	0.533
	LeCheek	0.343	0.466	0.082	0.466	0.093	0.235	0.030	0.891	1.275	0.901	1.126	0.920	0.752	0.547	1.136	0.931	1.449
	LeTilt	0.218	0.213	0.045	0.192	0.043	0.091	0.015	0.476	0.624	0.474	0.547	0.471	0.397	0.321	0.545	0.469	0.712
LTE Band 71	ReCheek	0.172	0.225	0.196	0.252	0.175	0.195	0.050	0.592	0.648	0.571	0.814	0.669	0.737	0.592	0.793	0.648	1.018
	ReTilt	0.081	0.103	0.060	0.132	0.072	0.073	0.023	0.245	0.317	0.257	0.347	0.297	0.287	0.237	0.359	0.309	0.449
	LeCheek	0.106	0.466	0.082	0.466	0.093	0.235	0.030	0.654	1.038	0.665	0.889	0.683	0.516	0.310	0.900	0.694	1.213
	LeTilt	0.053	0.213	0.045	0.192	0.043	0.091	0.015	0.311	0.458	0.309	0.381	0.305	0.232	0.156	0.379	0.303	0.546
NR n41	ReCheek	0.021	0.225</															

Calling_Body-worn_UAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.020	0.005	0.061	0.093	0.002	0.001	0.557	0.613	0.644	0.600	0.599	0.631	0.630	0.687	0.686	0.711
	Back side	0.394	0.075	0.028	0.080	0.219	0.014	0.003	0.497	0.548	0.687	0.515	0.505	0.655	0.644	0.706	0.696	0.795
WCDMA Band V	Front side	0.299	0.020	0.005	0.061	0.093	0.002	0.001	0.325	0.381	0.412	0.368	0.367	0.399	0.398	0.455	0.454	0.479
	Back side	0.262	0.075	0.028	0.080	0.219	0.014	0.003	0.365	0.416	0.555	0.383	0.373	0.523	0.512	0.574	0.564	0.663
LTE Band 12	Front side	0.174	0.020	0.005	0.061	0.093	0.002	0.001	0.199	0.256	0.287	0.242	0.241	0.274	0.273	0.330	0.329	0.354
	Back side	0.140	0.075	0.028	0.080	0.219	0.014	0.003	0.243	0.295	0.434	0.262	0.252	0.401	0.391	0.453	0.442	0.542
LTE Band 13	Front side	0.314	0.020	0.005	0.061	0.093	0.002	0.001	0.340	0.396	0.428	0.383	0.382	0.415	0.414	0.471	0.470	0.494
	Back side	0.268	0.075	0.028	0.080	0.219	0.014	0.003	0.371	0.422	0.562	0.390	0.379	0.529	0.519	0.581	0.570	0.670
LTE Band 26	Front side	0.326	0.020	0.005	0.061	0.093	0.002	0.001	0.351	0.408	0.439	0.395	0.394	0.426	0.425	0.482	0.481	0.506
	Back side	0.258	0.075	0.028	0.080	0.219	0.014	0.003	0.361	0.413	0.552	0.380	0.370	0.520	0.509	0.571	0.561	0.660
LTE Band 71	Front side	0.128	0.020	0.005	0.061	0.093	0.002	0.001	0.154	0.210	0.242	0.197	0.196	0.229	0.228	0.285	0.284	0.308
	Back side	0.114	0.075	0.028	0.080	0.219	0.014	0.003	0.217	0.268	0.408	0.236	0.225	0.375	0.365	0.427	0.416	0.516
NR n41	Front side	0.084	0.020	0.005	0.061	0.093	0.002	0.001	0.110	0.166	0.197	0.153	0.152	0.184	0.183	0.241	0.240	0.264
	Back side	0.217	0.075	0.028	0.080	0.219	0.014	0.003	0.320	0.371	0.510	0.339	0.328	0.478	0.467	0.529	0.519	0.619

Calling_Body-worn_LAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.526	0.020	0.005	0.061	0.093	0.002	0.001	0.552	0.608	0.640	0.595	0.594	0.627	0.626	0.683	0.682	0.707
	Back side	0.451	0.075	0.028	0.080	0.219	0.014	0.003	0.554	0.605	0.745	0.573	0.562	0.712	0.702	0.764	0.753	0.853
GPRS 1900	Front side	0.257	0.020	0.005	0.061	0.093	0.002	0.001	0.282	0.339	0.370	0.325	0.324	0.357	0.356	0.413	0.412	0.437
	Back side	0.458	0.075	0.028	0.080	0.219	0.014	0.003	0.561	0.612	0.752	0.580	0.569	0.719	0.709	0.771	0.760	0.860
WCDMA Band II	Front side	0.353	0.020	0.005	0.061	0.093	0.002	0.001	0.378	0.434	0.466	0.421	0.420	0.453	0.452	0.509	0.508	0.533
	Back side	0.454	0.075	0.028	0.080	0.219	0.014	0.003	0.557	0.609	0.748	0.576	0.566	0.716	0.705	0.767	0.757	0.856
WCDMA Band IV	Front side	0.153	0.020	0.005	0.061	0.093	0.002	0.001	0.178	0.235	0.266	0.221	0.220	0.253	0.252	0.309	0.308	0.333
	Back side	0.212	0.075	0.028	0.080	0.219	0.014	0.003	0.315	0.366	0.506	0.334	0.323	0.473	0.463	0.525	0.514	0.614
WCDMA Band V	Front side	0.246	0.020	0.005	0.061	0.093	0.002	0.001	0.272	0.328	0.360	0.315	0.314	0.346	0.345	0.403	0.402	0.426
	Back side	0.164	0.075	0.028	0.080	0.219	0.014	0.003	0.267	0.318	0.458	0.286	0.275	0.425	0.415	0.477	0.466	0.566
LTE Band 7	Front side	0.214	0.020	0.005	0.061	0.093	0.002	0.001	0.239	0.295	0.327	0.282	0.281	0.314	0.313	0.370	0.369	0.394
	Back side	0.288	0.075	0.028	0.080	0.219	0.014	0.003	0.391	0.442	0.582	0.410	0.399	0.549	0.539	0.600	0.590	0.690
LTE Band 12	Front side	0.108	0.020	0.005	0.061	0.093	0.002	0.001	0.134	0.190	0.221	0.177	0.176	0.208	0.207	0.265	0.264	0.288
	Back side	0.308	0.075	0.028	0.080	0.219	0.014	0.003	0.411	0.462	0.601	0.430	0.419	0.569	0.558	0.620	0.610	0.709
LTE Band 13	Front side	0.054	0.020	0.005	0.061	0.093	0.002	0.001	0.079	0.135	0.167	0.122	0.121	0.154	0.153	0.210	0.209	0.234
	Back side	0.259	0.075	0.028	0.080	0.219	0.014	0.003	0.362	0.413	0.553	0.381	0.370	0.520	0.510	0.571	0.561	0.661
LTE Band 25	Front side	0.530	0.020	0.005	0.061	0.093	0.002	0.001	0.556	0.612	0.644	0.599	0.598	0.630	0.629	0.687	0.686	0.710
	Back side	0.619	0.075	0.028	0.080	0.219	0.014	0.003	0.722	0.774	0.913	0.741	0.731	0.880	0.870	0.932	0.921	1.021
LTE Band 26	Front side	0.227	0.020	0.005	0.061	0.093	0.002	0.001	0.253	0.309	0.341	0.296	0.295	0.327	0.326	0.384	0.383	0.407
	Back side	0.365	0.075	0.028	0.080	0.219	0.014	0.003	0.468	0.520	0.659	0.487	0.477	0.627	0.616	0.678	0.668	0.767
LTE Band 30	Front side	0.109	0.020	0.005	0.061	0.093	0.002	0.001	0.135	0.191	0.222	0.178	0.177	0.209	0.208	0.266	0.264	0.289
	Back side	0.223	0.075	0.028	0.080	0.219	0.014	0.003	0.326	0.378	0.517	0.345	0.335	0.485	0.474	0.536	0.525	0.625
LTE Band 41	Front side	0.147	0.020	0.005	0.061	0.093	0.002	0.001	0.173	0.229	0.261	0.216	0.215	0.247	0.246	0.304	0.303	0.327
	Back side	0.208	0.075	0.028	0.080	0.219	0.014	0.003	0.311	0.363	0.502	0.330	0.320	0.469	0.459	0.521	0.510	0.610
LTE Band 48	Front side	0.063	0.020	0.005	0.061	0.093	0.002	0.001	0.089	0.145	0.177	0.132	0.131	0.164	0.163	0.220	0.219	0.243
	Back side	0.098	0.075	0.028	0.080	0.219	0.014	0.003	0.201	0.253	0.392	0.220	0.210	0.359	0.349	0.411	0.400	0.500
LTE Band 66	Front side	0.245	0.020	0.005	0.061	0.093	0.002	0.001	0.271	0.327	0.359	0.314	0.313	0.345	0.344	0.402	0.401	0.425
	Back side	0.276	0.075	0.028	0.080	0.219	0.014	0.003	0.379	0.431	0.570	0.398	0.388	0.537	0.527	0.589	0.578	0.678
LTE Band 71	Front side	0.038	0.020	0.005	0.061	0.093	0.002	0.001	0.064	0.120	0.151	0.107	0.106	0.138	0.137	0.194	0.193	0.218
	Back side	0.032	0.075	0.028	0.080	0.219	0.014	0.003	0.135	0.186	0.325	0.154	0.143	0.293	0.282	0.344	0.334	0.433
NR n41	Front side	0.032	0.020	0.005	0.061	0.093	0.002	0.001	0.058	0.114	0.146	0.101	0.100	0.132	0.131	0.189	0.188	0.212
	Back side	0.212	0.075	0.028	0.080	0.219	0.014	0.003	0.315	0.366	0.506	0.334	0.323	0.473	0.463	0.525	0.514	0.614

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Calling_Hotspot_UAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.050	0.043	0.069	0.224	0.006	0.012	0.624	0.650	0.805	0.649	0.655	0.804	0.810	0.830	0.836	0.917
	Back side	0.394	0.154	0.062	0.114	0.466	0.039	0.016	0.610	0.662	1.014	0.608	0.586	0.961	0.939	1.012	0.990	1.190
	Top side	0.285	0.083	0.031	0.053	0.203	0.010	0.009	0.399	0.420	0.571	0.378	0.376	0.528	0.527	0.550	0.548	0.654
	Bottom side	0.006	0.001	0.001	0.002	0.055	0.001	0.001	0.008	0.009	0.062	0.010	0.010	0.063	0.063	0.064	0.064	0.065
	Right side	0.241	0.010	0.003	0.043	0.044	0.002	0.001	0.254	0.294	0.295	0.289	0.288	0.290	0.289	0.330	0.329	0.342
WCDMA Band V	Left side	0.140	0.056	0.026	0.017	0.120	0.017	0.008	0.221	0.213	0.316	0.200	0.191	0.303	0.293	0.294	0.285	0.358
	Front side	0.299	0.050	0.043	0.069	0.224	0.006	0.012	0.392	0.417	0.573	0.416	0.423	0.572	0.578	0.597	0.604	0.684
	Back side	0.262	0.154	0.062	0.114	0.466	0.039	0.016	0.478	0.530	0.882	0.476	0.454	0.829	0.807	0.880	0.858	1.058
	Top side	0.248	0.083	0.031	0.053	0.203	0.010	0.009	0.362	0.384	0.534	0.341	0.340	0.492	0.490	0.513	0.512	0.617
	Bottom side	0.003	0.001	0.001	0.002	0.055	0.001	0.001	0.005	0.006	0.059	0.007	0.007	0.060	0.060	0.061	0.061	0.062
LTE Band 12	Right side	0.152	0.010	0.003	0.043	0.044	0.002	0.001	0.165	0.205	0.206	0.201	0.199	0.201	0.200	0.242	0.240	0.253
	Left side	0.096	0.056	0.026	0.017	0.120	0.017	0.008	0.178	0.169	0.272	0.157	0.147	0.259	0.250	0.251	0.242	0.315
	Front side	0.174	0.050	0.043	0.069	0.224	0.006	0.012	0.286	0.292	0.447	0.291	0.298	0.446	0.453	0.472	0.479	0.559
	Back side	0.140	0.154	0.062	0.114	0.466	0.039	0.016	0.357	0.408	0.761	0.355	0.333	0.708	0.685	0.759	0.737	0.937
	Top side	0.122	0.083	0.031	0.053	0.203	0.010	0.009	0.236	0.258	0.408	0.215	0.214	0.366	0.365	0.388	0.386	0.492
LTE Band 13	Bottom side	0.003	0.001	0.001	0.002	0.055	0.001	0.001	0.005	0.006	0.058	0.007	0.007	0.059	0.059	0.060	0.060	0.061
	Right side	0.105	0.010	0.003	0.043	0.044	0.002	0.001	0.119	0.159	0.160	0.154	0.153	0.155	0.153	0.195	0.194	0.206
	Left side	0.007	0.056	0.026	0.017	0.120	0.017	0.008	0.088	0.080	0.183	0.067	0.058	0.170	0.161	0.162	0.152	0.226
	Front side	0.314	0.050	0.043	0.069	0.224	0.006	0.012	0.407	0.433	0.588	0.432	0.439	0.587	0.594	0.613	0.620	0.700
	Back side	0.268	0.154	0.062	0.114	0.466	0.039	0.016	0.484	0.536	0.888	0.483	0.461	0.835	0.813	0.887	0.865	1.065
LTE Band 26	Top side	0.200	0.083	0.031	0.053	0.203	0.010	0.009	0.314	0.335	0.486	0.293	0.292	0.443	0.442	0.465	0.464	0.569
	Bottom side	0.007	0.001	0.001	0.002	0.055	0.001	0.001	0.009	0.010	0.063	0.011	0.011	0.064	0.064	0.065	0.065	0.066
	Right side	0.158	0.010	0.003	0.043	0.044	0.002	0.001	0.172	0.212	0.213	0.207	0.206	0.208	0.207	0.248	0.247	0.260
	Left side	0.083	0.056	0.026	0.017	0.120	0.017	0.008	0.164	0.156	0.259	0.143	0.134	0.246	0.237	0.238	0.228	0.302
	Front side	0.326	0.050	0.043	0.069	0.224	0.006	0.012	0.418	0.444	0.600	0.443	0.450	0.598	0.605	0.624	0.631	0.711
LTE Band 71	Back side	0.258	0.154	0.062	0.114	0.466	0.039	0.016	0.475	0.526	0.879	0.473	0.451	0.826	0.804	0.877	0.855	1.055
	Top side	0.204	0.083	0.031	0.053	0.203	0.010	0.009	0.318	0.340	0.490	0.298	0.296	0.448	0.447	0.470	0.468	0.574
	Bottom side	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.003	0.004	0.057	0.005	0.005	0.058	0.058	0.059	0.059	0.060
	Right side	0.131	0.010	0.003	0.043	0.044	0.002	0.001	0.145	0.185	0.186	0.180	0.179	0.181	0.179	0.221	0.220	0.232
	Left side	0.102	0.056	0.026	0.017	0.120	0.017	0.008	0.184	0.175	0.278	0.162	0.153	0.265	0.256	0.257	0.248	0.321
NR n41	Front side	0.128	0.050	0.043	0.069	0.224	0.006	0.012	0.221	0.247	0.402	0.246	0.253	0.401	0.408	0.427	0.434	0.514
	Back side	0.114	0.154	0.062	0.114	0.466	0.039	0.016	0.331	0.382	0.735	0.329	0.307	0.681	0.659	0.733	0.711	0.911
	Top side	0.095	0.083	0.031	0.053	0.203	0.010	0.009	0.209	0.231	0.381	0.188	0.187	0.339	0.337	0.360	0.359	0.465
	Bottom side	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.003	0.004	0.057	0.005	0.005	0.058	0.058	0.059	0.059	0.060
	Right side	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.051	0.050	0.052	0.051	0.092	0.091	0.103
NR n41	Left side	0.068	0.056	0.026	0.017	0.120	0.017	0.008	0.149	0.141	0.244	0.128	0.119	0.231	0.221	0.222	0.213	0.286
	Front side	0.084	0.050	0.043	0.069	0.224	0.006	0.012	0.177	0.203	0.358	0.202	0.208	0.357	0.363	0.383	0.389	0.470
	Back side	0.217	0.154	0.062	0.114	0.466	0.039	0.016	0.433	0.485	0.837	0.432	0.409	0.784	0.762	0.836	0.813	1.013
	Top side	0.006	0.083	0.031	0.053	0.203	0.010	0.009	0.120	0.142	0.292	0.099	0.098	0.249	0.248	0.271	0.270	0.375
	Bottom side	0.004	0.001	0.001	0.002	0.055	0.001	0.001	0.006	0.007	0.060	0.008	0.008	0.061	0.061	0.062	0.062	0.063
NR n41	Right side	0.013	0.010	0.003	0.043	0.044	0.002	0.001	0.027	0.067	0.068	0.062	0.061	0.063	0.062	0.103	0.102	0.114
	Left side	0.025	0.056	0.026	0.017	0.120	0.017	0.008	0.106	0.098	0.201	0.085	0.076	0.188	0.179	0.180	0.170	0.244

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Calling_Hotspot_LAT

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN(LAT)														
WWAN	Exposure position (g(W/kg))	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+5 Sum	1+3+5+7 Sum	1+4+5+6 Sum
GPRS 850	Front side	0.813	0.050	0.043	0.069	0.224	0.006	0.012	0.906	0.932	1.087	0.931	0.938	1.086
	Back side	0.641	0.154	0.062	0.114	0.466	0.039	0.016	0.857	0.909	1.261	0.856	0.873	1.208
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.095	0.093	0.245
	Bottom side	0.632	0.001	0.001	0.002	0.055	0.001	0.001	0.634	0.635	0.688	0.636	0.689	0.689
	Right side	0.588	0.010	0.003	0.043	0.044	0.002	0.001	0.601	0.642	0.642	0.637	0.635	0.638
	Left side	0.153	0.056	0.026	0.017	0.120	0.017	0.008	0.234	0.226	0.328	0.213	0.204	0.316
GPRS 1900	Front side	0.393	0.050	0.043	0.069	0.224	0.006	0.012	0.486	0.512	0.667	0.511	0.517	0.666
	Back side	0.433	0.154	0.062	0.114	0.466	0.039	0.016	0.649	0.701	1.053	0.648	0.626	1.000
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.094	0.093	0.245
	Bottom side	0.136	0.001	0.001	0.002	0.055	0.001	0.001	0.138	0.139	0.192	0.140	0.140	0.193
	Right side	0.146	0.010	0.003	0.043	0.044	0.002	0.001	0.159	0.199	0.200	0.194	0.193	0.195
	Left side	0.240	0.056	0.026	0.017	0.120	0.017	0.008	0.321	0.313	0.416	0.300	0.291	0.403
WCDMA Band II	Front side	0.209	0.050	0.043	0.069	0.224	0.006	0.012	0.302	0.328	0.483	0.327	0.334	0.482
	Back side	0.373	0.154	0.062	0.114	0.466	0.039	0.016	0.589	0.641	0.993	0.587	0.565	0.940
	Top side	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247
	Bottom side	1.172	0.001	0.001	0.002	0.055	0.001	0.001	1.174	1.175	1.228	1.176	1.176	1.229
	Right side	0.069	0.010	0.003	0.043	0.044	0.002	0.001	0.083	0.123	0.124	0.118	0.117	0.119
	Left side	0.124	0.056	0.026	0.017	0.120	0.017	0.008	0.205	0.197	0.299	0.184	0.174	0.287
WCDMA Band IV	Front side	0.292	0.050	0.043	0.069	0.224	0.006	0.012	0.385	0.411	0.566	0.410	0.417	0.565
	Back side	0.495	0.154	0.062	0.114	0.466	0.039	0.016	0.712	0.763	1.116	0.710	0.688	1.062
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.094	0.093	0.245
	Bottom side	1.098	0.001	0.001	0.002	0.055	0.001	0.001	1.100	1.101	1.153	1.102	1.102	1.154
	Right side	0.120	0.062	0.001	0.062	0.055	0.001	0.001	0.119	0.119	0.119	0.118	0.118	0.119
	Left side	0.164	0.056	0.026	0.017	0.120	0.017	0.008	0.245	0.237	0.340	0.224	0.215	0.327
WCDMA Band V	Front side	0.715	0.050	0.043	0.069	0.224	0.006	0.012	0.808	0.834	0.989	0.833	0.840	0.988
	Back side	0.634	0.154	0.062	0.114	0.466	0.039	0.016	0.851	0.902	1.255	0.849	0.827	1.201
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.289	0.095	0.094	0.246
	Bottom side	0.428	0.001	0.001	0.002	0.055	0.001	0.001	0.430	0.431	0.484	0.432	0.485	0.485
	Right side	0.211	0.010	0.003	0.043	0.044	0.002	0.001	0.225	0.265	0.266	0.260	0.259	0.261
	Left side	0.142	0.056	0.026	0.017	0.120	0.017	0.008	0.224	0.215	0.318	0.202	0.193	0.305
LTE Band 7	Front side	0.342	0.050	0.043	0.069	0.224	0.006	0.012	0.486	0.512	0.667	0.511	0.517	0.666
	Back side	0.365	0.154	0.062	0.114	0.466	0.039	0.016	0.581	0.633	0.985	0.579	0.557	0.932
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246
	Bottom side	0.825	0.001	0.001	0.002	0.055	0.001	0.001	0.827	0.828	0.881	0.829	0.829	0.882
	Right side	0.071	0.010	0.003	0.043	0.044	0.002	0.001	0.084	0.124	0.125	0.120	0.118	0.120
	Left side	0.247	0.056	0.026	0.017	0.120	0.017	0.008	0.357	0.319	0.427	0.306	0.297	0.401
LTE Band 12	Front side	0.287	0.050	0.043	0.069	0.224	0.006	0.012	0.380	0.406	0.561	0.405	0.411	0.560
	Back side	0.272	0.154	0.062	0.114	0.466	0.039	0.016	0.488	0.540	0.892	0.487	0.465	0.839
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.095	0.093	0.245
	Bottom side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.017	0.057	0.058	0.062	0.051	0.053
	Right side	0.003	0.056	0.026	0.017	0.120	0.017	0.008	0.084	0.076	0.179	0.063	0.054	0.166
	Left side	0.458	0.050	0.043	0.069	0.224	0.006	0.012	0.551	0.577	0.732	0.576	0.583	0.731
LTE Band 13	Front side	0.395	0.050	0.043	0.069	0.224	0.006	0.012	0.488	0.514	0.668	0.513	0.519	0.667
	Back side	0.402	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.137	0.288	0.095	0.094	0.245
	Bottom side	0.304	0.001	0.001	0.002	0.055	0.001	0.001	0.306	0.307	0.360	0.308	0.361	0.361
	Right side	0.003	0.010	0.003	0.043	0.044	0.002	0.001	0.016	0.056	0.057	0.052	0.050	0.052
	Left side	0.002	0.050	0.026	0.017	0.120	0.017	0.008	0.093	0.083	0.155	0.063	0.055	0.147
LTE Band 25	Front side	0.442	0.050	0.043	0.069	0.224	0.006	0.012	0.535	0.561	0.716	0.560	0.566	0.715
	Back side	0.475	0.154	0.062	0.114	0.466	0.039	0.016	0.692	0.743	1.096	0.690	0.668	1.042
	Top side	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.115	0.137	0.287	0.094	0.093	0.245
	Bottom side	0.153	0.001	0.001	0.002	0.055	0.001	0.001	0.154	0.155	0.209	0.154	0.155	0.210
	Right side	0.012	0.010	0.003	0.043	0.044	0.002	0.001	0.026	0.066	0.067	0.061	0.060	0.062
	Left side	0.225	0.056	0.026	0.017	0.120	0.017	0.008	0.306	0.297	0.400	0.285	0.275	0.388
LTE Band 26	Front side	0.482	0.050	0.043	0.069	0.224	0.006	0.012	0.575	0.601	0.756	0.600	0.606	0.755
	Back side	0.471	0.154	0.062	0.114	0.466	0.039	0.016	0.688	0.739	1.092	0.686	0.664	1.039
	Top side	0.006	0.083	0.031	0.053	0.203	0.010	0.009	0.120	0.142	0.292	0.099	0.098	0.250
	Bottom side	0.438	0.001	0.001	0.002	0.055	0.001	0.001	0.440	0.441	0.493	0.442	0.442	0.494
	Right side	0.338	0.010	0.003	0.043	0.044	0.002	0.001	0.351	0.392	0.392	0.387	0.385	0.387
	Left side	0.076	0.056	0.026	0.017	0.120	0.017	0.008	0.157	0.149	0.252	0.136	0.127	0.239
LTE Band 30	Front side	0.664	0.050	0.043	0.069	0.224	0.006	0.012	0.756	0.782	0.937	0.781	0.788	0.936
	Back side	0.684	0.154	0.062	0.114	0.466	0.039	0.016	0.900	0.952	1.304	0.899	0.876	1.251
	Top side	0.010	0.083	0.031	0.053	0.203	0.010	0.009	0.125	0.146	0.297	0.104	0.102	0.254
	Bottom side	0.888	0.001	0.001	0.002	0.055	0.001	0.001	0.890	0.891	0.944	0.892	0.892	0.945
	Right side	0.069	0.010	0.003	0.043	0.044	0.002	0.001	0.082	0.123	0.123	0.118	0.115	0.119
	Left side	0.467	0.056	0.026	0.017	0.120	0.017	0.008	0.549	0.540	0.643	0.528	0.518	0.630
LTE Band 41	Front side	0.355	0.050	0.043	0.069	0.224	0.006	0.012	0.448	0.474	0.629	0.473	0.479	0.628
	Back side	0.470	0.154	0.062	0.114	0.466	0.039	0.016	0.686	0.738	1.090	0.684	0.662	1.037
	Top side	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246
	Bottom side	0.606	0.001	0.001	0.002	0.055	0.001	0.001	0.608	0.609	0.661	0.610	0.610	0.662
	Right side	0.005	0.010	0.003	0.043	0.044	0.002	0.001	0.018	0.058	0.059	0.053	0.052	0.054
	Left side	0.252	0.056	0.026	0.017	0.120	0.017	0.008	0.333	0.325	0.428	0.312	0.303	0.415
LTE Band 48	Front side	0.061	0.050	0.043	0.069	0.224	0.006	0.012	0.154	0.180	0.335	0.179	0.186	0.334
	Back side	0.208	0.154	0.062	0.114	0.466	0.039	0.016	0.425	0.476	0.829	0.423	0.401	0.775
	Top side	0.028	0.083	0.031	0.053	0.203	0.010	0.009	0.142	0.164	0.314	0.121	0.120	0.271
	Bottom side	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.003	0.004	0.057	0.005	0.005	0.058
	Right side	0.130	0.010	0.003	0.043	0.044	0.002	0.001	0.144	0.184	0.186	0.179	0.178	0.180
	Left side	0.010	0.056	0.026	0.017	0.120	0.017	0.008	0.092	0.083	0.			

Camera_Body-worn_UAT

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(UAT)																		
WWAN	Exposure position 10g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.531	0.009	0.001	0.035	0.051	0.003	0.016	0.542	0.575	0.592	0.570	0.583	0.586	0.600	0.620	0.633	0.628
	Back side	0.394	0.030	0.048	0.354	0.243	0.017	0.169	0.472	0.778	0.667	0.812	0.964	0.702	0.853	1.007	1.159	1.068
WCDMA Band V	Front side	0.299	0.009	0.001	0.035	0.051	0.003	0.016	0.310	0.343	0.360	0.338	0.351	0.354	0.368	0.388	0.401	0.396
	Back side	0.262	0.030	0.048	0.354	0.243	0.017	0.169	0.340	0.646	0.535	0.680	0.832	0.570	0.721	0.876	1.027	0.937
LTE Band 12	Front side	0.174	0.009	0.001	0.035	0.051	0.003	0.016	0.185	0.218	0.234	0.212	0.226	0.229	0.243	0.262	0.276	0.271
	Back side	0.140	0.030	0.048	0.354	0.243	0.017	0.169	0.219	0.524	0.414	0.559	0.711	0.448	0.600	0.754	0.906	0.815
LTE Band 13	Front side	0.314	0.009	0.001	0.035	0.051	0.003	0.016	0.325	0.358	0.375	0.353	0.366	0.370	0.383	0.403	0.416	0.411
	Back side	0.268	0.030	0.048	0.354	0.243	0.017	0.169	0.346	0.652	0.542	0.687	0.838	0.576	0.728	0.882	1.034	0.943
LTE Band 26	Front side	0.326	0.009	0.001	0.035	0.051	0.003	0.016	0.337	0.370	0.387	0.364	0.378	0.381	0.395	0.414	0.428	0.423
	Back side	0.258	0.030	0.048	0.354	0.243	0.017	0.169	0.337	0.643	0.532	0.677	0.829	0.567	0.718	0.872	1.024	0.933
LTE Band 71	Front side	0.128	0.009	0.001	0.035	0.051	0.003	0.016	0.139	0.172	0.189	0.167	0.180	0.184	0.197	0.217	0.230	0.225
	Back side	0.114	0.030	0.048	0.354	0.243	0.017	0.169	0.192	0.498	0.388	0.533	0.684	0.422	0.574	0.728	0.880	0.789
NR n41	Front side	0.084	0.009	0.001	0.035	0.051	0.003	0.016	0.095	0.128	0.145	0.123	0.136	0.140	0.153	0.173	0.186	0.181
	Back side	0.217	0.030	0.048	0.354	0.243	0.017	0.169	0.295	0.601	0.490	0.635	0.787	0.525	0.677	0.831	0.983	0.892

Camera_Body-worn_LAT

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(LAT)																		
WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.526	0.009	0.001	0.035	0.051	0.003	0.016	0.537	0.570	0.587	0.565	0.578	0.582	0.595	0.615	0.628	0.623
	Back side	0.451	0.030	0.048	0.354	0.243	0.017	0.169	0.529	0.835	0.725	0.870	1.021	0.759	0.911	1.065	1.217	1.126
GPRS 1900	Front side	0.257	0.009	0.001	0.035	0.051	0.003	0.016	0.267	0.301	0.317	0.295	0.309	0.312	0.325	0.345	0.359	0.354
	Back side	0.458	0.030	0.048	0.354	0.243	0.017	0.169	0.536	0.842	0.732	0.877	1.028	0.766	0.918	1.072	1.224	1.133
WCDMA Band II	Front side	0.353	0.009	0.001	0.035	0.051	0.003	0.016	0.363	0.397	0.413	0.391	0.405	0.408	0.421	0.441	0.455	0.449
	Back side	0.454	0.030	0.048	0.354	0.243	0.017	0.169	0.533	0.839	0.728	0.873	1.025	0.763	0.914	1.068	1.220	1.129
WCDMA Band IV	Front side	0.153	0.009	0.001	0.035	0.051	0.003	0.016	0.163	0.197	0.213	0.191	0.205	0.208	0.221	0.241	0.255	0.250
	Back side	0.212	0.030	0.048	0.354	0.243	0.017	0.169	0.290	0.596	0.486	0.631	0.782	0.520	0.672	0.826	0.978	0.887
WCDMA Band V	Front side	0.246	0.009	0.001	0.035	0.051	0.003	0.016	0.257	0.290	0.307	0.285	0.298	0.302	0.315	0.335	0.348	0.343
	Back side	0.164	0.030	0.048	0.354	0.243	0.017	0.169	0.242	0.548	0.438	0.583	0.734	0.472	0.624	0.778	0.930	0.839
LTE Band 7	Front side	0.214	0.009	0.001	0.035	0.051	0.003	0.016	0.224	0.257	0.274	0.252	0.266	0.269	0.282	0.302	0.316	0.310
	Back side	0.288	0.030	0.048	0.354	0.243	0.017	0.169	0.366	0.672	0.561	0.707	0.858	0.596	0.748	0.902	1.054	0.963
LTE Band 12	Front side	0.108	0.009	0.001	0.035	0.051	0.003	0.016	0.119	0.152	0.169	0.147	0.160	0.163	0.177	0.197	0.210	0.205
	Back side	0.308	0.030	0.048	0.354	0.243	0.017	0.169	0.386	0.692	0.581	0.726	0.878	0.616	0.768	0.922	1.073	0.983
LTE Band 13	Front side	0.054	0.009	0.001	0.035	0.051	0.003	0.016	0.064	0.098	0.114	0.092	0.106	0.109	0.122	0.142	0.156	0.150
	Back side	0.259	0.030	0.048	0.354	0.243	0.017	0.169	0.337	0.643	0.532	0.678	0.829	0.567	0.719	0.873	1.025	0.934
LTE Band 25	Front side	0.530	0.009	0.001	0.035	0.051	0.003	0.016	0.541	0.574	0.591	0.569	0.582	0.586	0.599	0.619	0.632	0.627
	Back side	0.619	0.030	0.048	0.354	0.243	0.017	0.169	0.697	1.003	0.893	1.038	1.190	0.927	1.079	1.233	1.385	1.294
LTE Band 26	Front side	0.227	0.009	0.001	0.035	0.051	0.003	0.016	0.238	0.271	0.288	0.266	0.279	0.283	0.296	0.316	0.329	0.324
	Back side	0.365	0.030	0.048	0.354	0.243	0.017	0.169	0.444	0.750	0.639	0.784	0.936	0.674	0.825	0.979	1.131	1.040
LTE Band 30	Front side	0.109	0.009	0.001	0.035	0.051	0.003	0.016	0.120	0.153	0.170	0.148	0.161	0.164	0.178	0.198	0.211	0.206
	Back side	0.223	0.030	0.048	0.354	0.243	0.017	0.169	0.302	0.608	0.497	0.642	0.794	0.532	0.683	0.837	0.989	0.898
LTE Band 41	Front side	0.147	0.009	0.001	0.035	0.051	0.003	0.016	0.158	0.191	0.208	0.186	0.199	0.203	0.216	0.236	0.249	0.244
	Back side	0.208	0.030	0.048	0.354	0.243	0.017	0.169	0.286	0.592	0.482	0.627	0.779	0.516	0.668	0.822	0.974	0.883
LTE Band 48	Front side	0.063	0.009	0.001	0.035	0.051	0.003	0.016	0.074	0.107	0.124	0.102	0.115	0.119	0.132	0.152	0.165	0.160
	Back side	0.098	0.030	0.048	0.354	0.243	0.017	0.169	0.176	0.482	0.372	0.517	0.669	0.406	0.558	0.712	0.864	0.773
LTE Band 66	Front side	0.245	0.009	0.001	0.035	0.051	0.003	0.016	0.256	0.289	0.306	0.284	0.297	0.301	0.314	0.334	0.347	0.342
	Back side	0.276	0.030	0.048	0.354	0.243	0.017	0.169	0.354	0.660	0.550	0.695	0.847	0.584	0.736	0.890	1.042	0.951
LTE Band 71	Front side	0.038	0.009	0.001	0.035	0.051	0.003	0.016	0.049	0.082	0.099	0.077	0.090	0.093	0.107	0.127	0.140	0.135
	Back side	0.032	0.030	0.048	0.354	0.243	0.017	0.169	0.110	0.416	0.305	0.450	0.602	0.340	0.491	0.646	0.797	0.707
NR n41	Front side	0.032	0.009	0.001	0.035	0.051	0.003	0.016	0.043	0.076	0.093	0.071	0.084	0.088	0.101	0.121	0.134	0.129
	Back side	0.212	0.030	0.048	0.354	0.243	0.017	0.169	0.290	0.596	0.486	0.631	0.782	0.520	0.672	0.826	0.978	0.887

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Camera_Hotspot_UAT

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.531	0.035	0.011	0.077	0.054	0.006	0.026	0.577	0.643	0.620	0.625	0.645	0.602	0.622	0.667	0.688	0.708
	Back side	0.394	0.090	0.032	0.459	0.429	0.087	0.076	0.515	0.942	0.912	0.972	0.960	0.942	0.930	1.369	1.357	1.403
	Top side	0.285	0.073	0.001	0.084	0.003	0.072	0.001	0.358	0.441	0.360	0.442	0.370	0.361	0.290	0.444	0.373	0.445
	Bottom side	0.006	0.001	0.006	0.001	0.102	0.001	0.020	0.013	0.008	0.109	0.014	0.033	0.115	0.134	0.110	0.129	0.116
	Right side	0.241	0.002	0.002	0.019	0.043	0.003	0.004	0.245	0.262	0.286	0.266	0.266	0.290	0.290	0.307	0.307	0.308
	Left side	0.140	0.026	0.007	0.073	0.013	0.058	0.016	0.173	0.238	0.178	0.277	0.236	0.218	0.176	0.283	0.241	0.258
WCDMA Band V	Front side	0.299	0.035	0.011	0.077	0.054	0.006	0.026	0.345	0.411	0.388	0.392	0.413	0.370	0.390	0.435	0.456	0.476
	Back side	0.262	0.090	0.032	0.459	0.429	0.087	0.076	0.383	0.810	0.780	0.840	0.828	0.810	0.798	1.237	1.225	1.271
	Top side	0.248	0.073	0.001	0.084	0.003	0.072	0.001	0.322	0.405	0.324	0.405	0.334	0.325	0.253	0.407	0.336	0.409
	Bottom side	0.003	0.001	0.006	0.001	0.102	0.001	0.020	0.010	0.005	0.106	0.011	0.030	0.111	0.131	0.107	0.126	0.112
	Right side	0.152	0.002	0.002	0.019	0.043	0.003	0.004	0.156	0.173	0.197	0.177	0.177	0.201	0.201	0.218	0.218	0.219
	Left side	0.096	0.026	0.007	0.073	0.013	0.058	0.016	0.129	0.194	0.135	0.234	0.192	0.174	0.133	0.240	0.198	0.215
LTE Band 12	Front side	0.174	0.035	0.011	0.077	0.054	0.006	0.026	0.220	0.285	0.263	0.267	0.288	0.245	0.265	0.310	0.330	0.351
	Back side	0.140	0.090	0.032	0.459	0.429	0.087	0.076	0.262	0.689	0.659	0.719	0.707	0.688	0.677	1.116	1.104	1.150
	Top side	0.122	0.073	0.001	0.084	0.003	0.072	0.001	0.196	0.279	0.198	0.280	0.208	0.199	0.127	0.282	0.210	0.283
	Bottom side	0.003	0.001	0.006	0.001	0.102	0.001	0.020	0.009	0.005	0.105	0.011	0.030	0.111	0.130	0.106	0.126	0.112
	Right side	0.105	0.002	0.002	0.019	0.043	0.003	0.004	0.110	0.126	0.150	0.130	0.131	0.154	0.155	0.171	0.171	0.172
	Left side	0.007	0.026	0.007	0.073	0.013	0.058	0.016	0.040	0.105	0.046	0.145	0.103	0.085	0.043	0.150	0.109	0.125
LTE Band 13	Front side	0.314	0.035	0.011	0.077	0.054	0.006	0.026	0.360	0.426	0.403	0.408	0.428	0.385	0.406	0.451	0.471	0.491
	Back side	0.268	0.090	0.032	0.459	0.429	0.087	0.076	0.389	0.817	0.786	0.846	0.835	0.816	0.805	1.243	1.232	1.277
	Top side	0.200	0.073	0.001	0.084	0.003	0.072	0.001	0.274	0.356	0.276	0.357	0.286	0.276	0.205	0.359	0.288	0.360
	Bottom side	0.007	0.001	0.006	0.001	0.102	0.001	0.020	0.014	0.009	0.110	0.015	0.034	0.115	0.134	0.111	0.130	0.116
	Right side	0.158	0.002	0.002	0.019	0.043	0.003	0.004	0.163	0.180	0.204	0.183	0.184	0.207	0.208	0.224	0.225	0.226
	Left side	0.083	0.026	0.007	0.073	0.013	0.058	0.016	0.116	0.181	0.122	0.221	0.179	0.161	0.119	0.226	0.185	0.201
LTE Band 26	Front side	0.326	0.035	0.011	0.077	0.054	0.006	0.026	0.372	0.437	0.415	0.419	0.440	0.397	0.417	0.462	0.483	0.503
	Back side	0.258	0.090	0.032	0.459	0.429	0.087	0.076	0.380	0.807	0.777	0.837	0.825	0.807	0.795	1.234	1.222	1.268
	Top side	0.204	0.073	0.001	0.084	0.003	0.072	0.001	0.278	0.361	0.280	0.362	0.290	0.281	0.209	0.364	0.292	0.365
	Bottom side	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.008	0.003	0.104	0.009	0.028	0.110	0.129	0.105	0.124	0.111
	Right side	0.131	0.002	0.002	0.019	0.043	0.003	0.004	0.136	0.152	0.176	0.156	0.157	0.180	0.181	0.197	0.197	0.198
	Left side	0.102	0.026	0.007	0.073	0.013	0.058	0.016	0.135	0.200	0.141	0.240	0.198	0.180	0.138	0.246	0.204	0.221
LTE Band 71	Front side	0.128	0.035	0.011	0.077	0.054	0.006	0.026	0.174	0.240	0.217	0.222	0.242	0.199	0.220	0.265	0.285	0.305
	Back side	0.114	0.090	0.032	0.459	0.429	0.087	0.076	0.236	0.663	0.632	0.692	0.681	0.662	0.651	1.089	1.078	1.124
	Top side	0.095	0.073	0.001	0.084	0.003	0.072	0.001	0.169	0.252	0.171	0.252	0.181	0.172	0.100	0.254	0.183	0.256
	Bottom side	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.008	0.003	0.104	0.009	0.028	0.110	0.129	0.105	0.124	0.111
	Right side	0.002	0.002	0.002	0.019	0.043	0.003	0.004	0.007	0.024	0.048	0.027	0.028	0.051	0.052	0.068	0.069	0.069
	Left side	0.068	0.026	0.007	0.073	0.013	0.058	0.016	0.101	0.166	0.106	0.205	0.164	0.146	0.104	0.211	0.169	0.186
NR n41	Front side	0.084	0.035	0.011	0.077	0.054	0.006	0.026	0.130	0.196	0.173	0.178	0.198	0.155	0.175	0.220	0.241	0.261
	Back side	0.217	0.090	0.032	0.459	0.429	0.087	0.076	0.338	0.765	0.735	0.795	0.784	0.765	0.753	1.192	1.180	1.226
	Top side	0.006	0.073	0.001	0.084	0.003	0.072	0.001	0.080	0.163	0.082	0.163	0.092	0.082	0.011	0.165	0.094	0.167
	Bottom side	0.004	0.001	0.006	0.001	0.102	0.001	0.020	0.011	0.006	0.107	0.012	0.031	0.113	0.132	0.108	0.127	0.114
	Right side	0.013	0.002	0.002	0.019	0.043	0.003	0.004	0.018	0.035	0.059	0.038	0.039	0.062	0.063	0.079	0.080	0.080
	Left side	0.025	0.026	0.007	0.073	0.013	0.058	0.016	0.058	0.123	0.064	0.163	0.121	0.103	0.061	0.168	0.127	0.143

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Camera_Hotspot_LAT

		The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN(LAT)																
WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain0	WLAN 2.4GHz Chain1	WLAN 5GHz Chain0	WLAN 5GHz Chain1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.456	0.035	0.011	0.077	0.054	0.006	0.026	0.502	0.568	0.545	0.550	0.570	0.527	0.547	0.593	0.613	0.633
	Back side	0.407	0.090	0.032	0.459	0.420	0.087	0.076	0.528	0.955	0.925	0.985	0.973	0.955	0.943	1.382	1.370	1.418
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.397	0.001	0.006	0.001	0.102	0.001	0.020	0.403	0.399	0.499	0.404	0.424	0.505	0.524	0.500	0.519	0.506
	Right side	0.369	0.002	0.002	0.019	0.043	0.003	0.004	0.374	0.391	0.415	0.394	0.395	0.418	0.419	0.435	0.496	0.438
	Left side	0.096	0.028	0.007	0.073	0.013	0.058	0.016	0.128	0.194	0.134	0.233	0.191	0.174	0.132	0.239	0.197	0.214
GPRS 1900	Front side	0.393	0.035	0.011	0.077	0.054	0.006	0.026	0.439	0.505	0.482	0.487	0.507	0.464	0.484	0.529	0.550	0.570
	Back side	0.433	0.090	0.032	0.459	0.429	0.087	0.076	0.554	0.982	0.951	1.011	1.000	0.981	0.970	1.408	1.397	1.442
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.136	0.001	0.006	0.001	0.102	0.001	0.020	0.143	1.138	1.238	1.144	1.163	1.244	1.263	1.240	1.259	1.245
	Right side	0.146	0.002	0.002	0.019	0.043	0.003	0.004	0.150	0.167	0.191	0.171	0.171	0.195	0.195	0.212	0.212	0.213
	Left side	0.240	0.028	0.007	0.073	0.013	0.058	0.016	0.273	0.338	0.278	0.377	0.336	0.318	0.276	0.383	0.341	0.358
WCDMA Band II	Front side	0.209	0.035	0.011	0.077	0.054	0.006	0.026	0.295	0.321	0.298	0.303	0.323	0.280	0.300	0.346	0.366	0.386
	Back side	0.373	0.090	0.032	0.459	0.429	0.087	0.076	0.494	0.921	0.891	0.951	0.939	0.921	0.909	1.348	1.336	1.382
	Top side	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.079	0.160	0.089	0.080	0.008	0.162	0.091	0.164
	Bottom side	0.172	0.001	0.006	0.001	0.102	0.001	0.020	0.179	1.174	1.275	1.180	1.199	1.281	1.300	1.276	1.295	1.282
	Right side	0.069	0.002	0.002	0.019	0.043	0.003	0.004	0.074	0.091	0.115	0.094	0.095	0.119	0.119	0.135	0.136	0.136
	Left side	0.124	0.028	0.007	0.073	0.013	0.058	0.016	0.156	0.222	0.162	0.261	0.219	0.202	0.160	0.267	0.225	0.242
WCDMA Band IV	Front side	0.292	0.035	0.011	0.077	0.054	0.006	0.026	0.338	0.404	0.381	0.386	0.406	0.363	0.384	0.429	0.449	0.469
	Back side	0.492	0.090	0.032	0.459	0.429	0.087	0.076	0.617	1.044	1.014	1.074	1.062	1.043	1.032	1.471	1.459	1.505
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	1.098	0.001	0.006	0.001	0.102	0.001	0.020	1.104	1.100	1.200	1.105	1.125	1.206	1.225	1.201	1.220	1.207
	Right side	0.070	0.002	0.002	0.019	0.043	0.003	0.004	0.075	0.092	0.116	0.095	0.096	0.119	0.120	0.136	0.137	0.137
	Left side	0.164	0.028	0.007	0.073	0.013	0.058	0.016	0.191	0.256	0.191	0.290	0.247	0.229	0.186	0.295	0.252	0.269
WCDMA Band V	Front side	0.614	0.035	0.011	0.077	0.054	0.006	0.026	0.660	0.726	0.703	0.708	0.728	0.685	0.706	0.751	0.771	0.791
	Back side	0.487	0.090	0.032	0.459	0.429	0.087	0.076	0.608	1.035	1.005	1.065	1.053	1.035	1.023	1.462	1.450	1.496
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.162
	Bottom side	0.265	0.001	0.006	0.001	0.102	0.001	0.020	0.275	0.370	0.471	0.376	0.385	0.472	0.492	0.472	0.491	0.472
	Right side	0.174	0.002	0.002	0.019	0.043	0.003	0.004	0.179	0.196	0.220	0.199	0.200	0.223	0.224	0.240	0.241	0.241
	Left side	0.119	0.026	0.007	0.073	0.013	0.058	0.016	0.152	0.218	0.158	0.257	0.215	0.198	0.156	0.263	0.221	0.238
LTE Band 7	Front side	0.343	0.035	0.011	0.077	0.054	0.006	0.026	0.389	0.455	0.432	0.437	0.457	0.414	0.434	0.479	0.500	0.520
	Back side	0.365	0.090	0.032	0.459	0.429	0.087	0.076	0.486	0.913	0.883	0.943	0.931	0.913	0.901	1.340	1.328	1.374
	Top side	0.002	0.073	0.001	0.084	0.003	0.072	0.001	0.076	0.159	0.078	0.159	0.088	0.079	0.007	0.161	0.090	0.163
	Bottom side	0.825	0.001	0.006	0.001	0.102	0.001	0.020	0.832	0.827	0.928	0.833	0.852	0.934	0.953	0.929	0.948	0.935
	Right side	0.071	0.002	0.002	0.019	0.043	0.003	0.004	0.075	0.092	0.116	0.096	0.096	0.120	0.120	0.137	0.137	0.138
	Left side	0.240	0.028	0.007	0.073	0.013	0.058	0.016	0.279	0.344	0.284	0.384	0.342	0.324	0.282	0.389	0.347	0.364
LTE Band 12	Front side	0.287	0.035	0.011	0.077	0.054	0.006	0.026	0.333	0.399	0.376	0.381	0.401	0.358	0.378	0.423	0.444	0.464
	Back side	0.272	0.090	0.032	0.459	0.429	0.087	0.076	0.393	0.821	0.790	0.850	0.839	0.820	0.808	1.247	1.236	1.281
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.158	0.087	0.078	0.006	0.161	0.089	0.163
	Bottom side	0.236	0.001	0.006	0.001	0.102	0.001	0.020	0.243	0.238	0.339	0.244	0.263	0.344	0.364	0.340	0.359	0.345
	Right side	0.003	0.002	0.002	0.019	0.043	0.003	0.004	0.008	0.025	0.049	0.028	0.029	0.052	0.053	0.069	0.070	0.070
	Left side	0.003	0.026	0.007	0.073	0.013	0.058	0.016	0.036	0.101	0.041	0.141	0.099	0.081	0.039	0.146	0.104	0.121
LTE Band 13	Front side	0.459	0.035	0.011	0.077	0.054	0.006	0.026	0.504	0.569	0.546	0.551	0.571	0.528	0.549	0.595	0.615	0.635
	Back side	0.395	0.090	0.032	0.459	0.429	0.087	0.076	0.517	0.944	0.914	0.974	0.962	0.944	0.932	1.371	1.359	1.405
	Top side	0.002	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.158	0.077	0.159	0.088	0.078	0.007	0.161	0.090	0.162
	Bottom side	0.304	0.001	0.006	0.001	0.102	0.001	0.020	0.311	0.306	0.407	0.312	0.331	0.413	0.432	0.408	0.427	0.413
	Right side	0.003	0.002	0.002	0.019	0.043	0.003	0.004	0.009	0.028	0.048	0.029	0.028	0.052	0.053	0.069	0.070	0.070
	Left side	0.002	0.026	0.007	0.073	0.013	0.058	0.016	0.034	0.100	0.040	0.139	0.097	0.080	0.038	0.145	0.103	0.120
LTE Band 25	Front side	0.442	0.035	0.011	0.077	0.054	0.006	0.026	0.488	0.554	0.531	0.536	0.556	0.513	0.533	0.578	0.599	0.619
	Back side	0.475	0.090	0.032	0.459	0.429	0.087	0.076	0.597	1.024	0.993	1.053	1.042	1.023	1.012	1.450	1.439	1.485
	Top side	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.076	0.158	0.077	0.158	0.087	0.078	0.006	0.160	0.089	0.163
	Bottom side	1.152	0.001	0.006	0.001	0.102	0.001	0.020	1.159	1.154	1.255	1.160	1.179	1.260	1.280	1.256	1.275	1.261
	Right side	0.012	0.002	0.002	0.019	0.043	0.003	0.004	0.017	0.033	0.057	0.037	0.038	0.061	0.062	0.078	0.078	0.079
	Left side	0.224	0.028	0.007	0.073	0.013	0.058	0.016	0.230	0.295	0.230	0.340	0.292	0.261	0.269	0.326	0.283	0.343
LTE Band 26	Front side	0.482	0.035	0.011	0.077	0.054	0.006	0.026	0.528	0.594	0.571	0.576	0.596	0.553	0.573	0.618	0.639	0.659
	Back side	0.471	0.090	0.032	0.459	0.429	0.087	0.076	0.593	1.020	0.990	1.050	1.038	1.019	1.008	1.447	1.435	1.481
	Top side	0.006	0.073	0.001	0.084	0.003	0.072	0.001	0.080	0.163	0.082	0.164	0.092	0.083	0.011	0.166	0.094	0.167
	Bottom side	0.439	0.001	0.006	0.001	0.102	0.001	0.020	0.444	0.440	0.540	0.445	0.465	0.546	0.565	0.541	0.560	0.547
	Right side	0.003	0.002	0.002	0.019	0.043	0.003	0.004	0.034	0.359	0.383	0.363	0.363	0.387	0.387	0.404	0.404	0.405
	Left side	0.076	0.028	0.007	0.073	0.013	0.058	0.016	0.109	0.174	0.114	0.213	0.172	0.154	0.112	0.219	0.177	0.194
LTE Band 30	Front side	0.423	0.035	0.011	0.077	0.054	0.006	0.026	0.469	0.535	0.512	0.516	0.537	0.494	0.514	0.559	0.580	0.600

Normal_Landscape_Body_UAT

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.531	0.020	0.001	0.061	0.051	0.002	0.016	0.553	0.613	0.603	0.596	0.610	0.586	0.600	0.646	0.660	0.666
	Back side	0.394	0.075	0.048	0.080	0.243	0.014	0.169	0.516	0.548	0.711	0.535	0.690	0.698	0.853	0.730	0.885	0.839
WCDMA Band V	Front side	0.299	0.020	0.001	0.061	0.051	0.002	0.016	0.321	0.381	0.371	0.364	0.378	0.354	0.368	0.414	0.428	0.434
	Back side	0.262	0.075	0.048	0.080	0.243	0.014	0.169	0.384	0.416	0.579	0.403	0.558	0.566	0.721	0.598	0.753	0.707
LTE Band 12	Front side	0.174	0.020	0.001	0.061	0.051	0.002	0.016	0.196	0.256	0.246	0.239	0.253	0.229	0.243	0.289	0.303	0.309
	Back side	0.140	0.075	0.048	0.080	0.243	0.014	0.169	0.263	0.295	0.458	0.282	0.437	0.445	0.600	0.477	0.632	0.586
LTE Band 13	Front side	0.314	0.020	0.001	0.061	0.051	0.002	0.016	0.336	0.396	0.386	0.379	0.393	0.369	0.383	0.429	0.443	0.449
	Back side	0.268	0.075	0.048	0.080	0.243	0.014	0.169	0.390	0.422	0.586	0.409	0.564	0.573	0.728	0.605	0.760	0.713
LTE Band 26	Front side	0.326	0.020	0.001	0.061	0.051	0.002	0.016	0.348	0.408	0.398	0.391	0.405	0.381	0.395	0.441	0.455	0.461
	Back side	0.258	0.075	0.048	0.080	0.243	0.014	0.169	0.381	0.413	0.576	0.400	0.555	0.563	0.718	0.595	0.750	0.704
LTE Band 71	Front side	0.128	0.020	0.001	0.061	0.051	0.002	0.016	0.150	0.210	0.200	0.193	0.207	0.183	0.197	0.243	0.257	0.263
	Back side	0.114	0.075	0.048	0.080	0.243	0.014	0.169	0.236	0.268	0.432	0.255	0.411	0.419	0.574	0.451	0.606	0.559
NR n41	Front side	0.084	0.020	0.001	0.061	0.051	0.002	0.016	0.106	0.166	0.156	0.149	0.163	0.139	0.153	0.199	0.213	0.219
	Back side	0.217	0.075	0.048	0.080	0.243	0.014	0.169	0.339	0.371	0.535	0.358	0.513	0.521	0.677	0.553	0.709	0.662

Normal_Landscape_Body_LAT

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.526	0.020	0.001	0.061	0.051	0.002	0.016	0.548	0.608	0.598	0.591	0.605	0.581	0.595	0.641	0.655	0.661
	Back side	0.451	0.075	0.048	0.080	0.243	0.014	0.169	0.573	0.605	0.769	0.592	0.748	0.756	0.911	0.788	0.943	0.896
GPRS 1900	Front side	0.257	0.020	0.001	0.061	0.051	0.002	0.016	0.279	0.339	0.328	0.322	0.335	0.312	0.325	0.372	0.385	0.391
	Back side	0.458	0.075	0.048	0.080	0.243	0.014	0.169	0.580	0.612	0.776	0.599	0.755	0.763	0.918	0.795	0.950	0.903
WCDMA Band II	Front side	0.353	0.020	0.001	0.061	0.051	0.002	0.016	0.374	0.434	0.424	0.418	0.431	0.407	0.421	0.468	0.481	0.487
	Back side	0.454	0.075	0.048	0.080	0.243	0.014	0.169	0.577	0.609	0.772	0.596	0.751	0.759	0.914	0.791	0.946	0.900
WCDMA Band IV	Front side	0.153	0.020	0.001	0.061	0.051	0.002	0.016	0.175	0.235	0.225	0.218	0.232	0.208	0.221	0.268	0.282	0.288
	Back side	0.212	0.075	0.048	0.080	0.243	0.014	0.169	0.334	0.366	0.530	0.353	0.508	0.517	0.672	0.549	0.704	0.657
WCDMA Band V	Front side	0.246	0.020	0.001	0.061	0.051	0.002	0.016	0.268	0.328	0.318	0.311	0.325	0.301	0.315	0.361	0.375	0.381
	Back side	0.164	0.075	0.048	0.080	0.243	0.014	0.169	0.286	0.318	0.482	0.305	0.460	0.469	0.624	0.501	0.656	0.609
LTE Band 7	Front side	0.214	0.020	0.001	0.061	0.051	0.002	0.016	0.235	0.295	0.285	0.278	0.292	0.268	0.282	0.328	0.342	0.348
	Back side	0.288	0.075	0.048	0.080	0.243	0.014	0.169	0.410	0.442	0.606	0.429	0.584	0.593	0.748	0.625	0.780	0.733
LTE Band 12	Front side	0.108	0.020	0.001	0.061	0.051	0.002	0.016	0.130	0.190	0.180	0.173	0.187	0.163	0.177	0.223	0.237	0.243
	Back side	0.308	0.075	0.048	0.080	0.243	0.014	0.169	0.430	0.462	0.625	0.449	0.604	0.612	0.768	0.644	0.800	0.753
LTE Band 13	Front side	0.054	0.020	0.001	0.061	0.051	0.002	0.016	0.075	0.135	0.125	0.118	0.132	0.108	0.122	0.168	0.182	0.188
	Back side	0.259	0.075	0.048	0.080	0.243	0.014	0.169	0.381	0.413	0.577	0.400	0.555	0.564	0.719	0.596	0.751	0.704
LTE Band 25	Front side	0.530	0.020	0.001	0.061	0.051	0.002	0.016	0.552	0.612	0.602	0.595	0.609	0.585	0.599	0.645	0.659	0.665
	Back side	0.619	0.075	0.048	0.080	0.243	0.014	0.169	0.742	0.774	0.937	0.761	0.916	0.924	1.079	0.956	1.111	1.064
LTE Band 26	Front side	0.227	0.020	0.001	0.061	0.051	0.002	0.016	0.249	0.309	0.299	0.292	0.306	0.282	0.296	0.342	0.356	0.362
	Back side	0.365	0.075	0.048	0.080	0.243	0.014	0.169	0.488	0.520	0.683	0.507	0.662	0.670	0.825	0.702	0.857	0.811
LTE Band 30	Front side	0.109	0.020	0.001	0.061	0.051	0.002	0.016	0.131	0.191	0.181	0.174	0.188	0.164	0.178	0.224	0.238	0.244
	Back side	0.223	0.075	0.048	0.080	0.243	0.014	0.169	0.346	0.378	0.541	0.365	0.520	0.528	0.683	0.560	0.715	0.669
LTE Band 41	Front side	0.147	0.020	0.001	0.061	0.051	0.002	0.016	0.169	0.229	0.219	0.212	0.226	0.202	0.216	0.262	0.276	0.282
	Back side	0.208	0.075	0.048	0.080	0.243	0.014	0.169	0.331	0.363	0.526	0.350	0.505	0.513	0.668	0.545	0.700	0.654
LTE Band 48	Front side	0.063	0.020	0.001	0.061	0.051	0.002	0.016	0.085	0.145	0.135	0.128	0.142	0.118	0.132	0.178	0.192	0.198
	Back side	0.098	0.075	0.048	0.080	0.243	0.014	0.169	0.221	0.253	0.416	0.239	0.395	0.403	0.558	0.435	0.590	0.543
LTE Band 66	Front side	0.245	0.020	0.001	0.061	0.051	0.002	0.016	0.267	0.327	0.317	0.310	0.324	0.300	0.314	0.360	0.374	0.380
	Back side	0.276	0.075	0.048	0.080	0.243	0.014	0.169	0.399	0.431	0.594	0.418	0.573	0.581	0.736	0.613	0.768	0.722
LTE Band 71	Front side	0.038	0.020	0.001	0.061	0.051	0.002	0.016	0.060	0.120	0.110	0.103	0.117	0.093	0.107	0.153	0.167	0.173
	Back side	0.032	0.075	0.048	0.080	0.243	0.014	0.169	0.154	0.186	0.349	0.173	0.328	0.336	0.491	0.368	0.523	0.477
NR n41	Front side	0.032	0.020	0.001	0.061	0.051	0.002	0.016	0.054	0.114	0.104	0.097	0.111	0.087	0.101	0.147	0.161	0.167
	Back side	0.212	0.075	0.048	0.080	0.243	0.014	0.169	0.334	0.366	0.530	0.353	0.508	0.517	0.672	0.549	0.704	0.657

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Normal_Landscape_Hotspot_UAT

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.531	0.050	0.011	0.069	0.054	0.006	0.026	0.592	0.650	0.635	0.617	0.637	0.602	0.622	0.660	0.680	0.715
	Back side	0.394	0.154	0.032	0.114	0.429	0.039	0.076	0.580	0.662	0.977	0.578	0.615	0.893	0.930	0.975	1.012	1.122
	Top side	0.285	0.083	0.001	0.053	0.003	0.010	0.001	0.369	0.420	0.371	0.348	0.339	0.298	0.290	0.350	0.341	0.424
	Bottom side	0.006	0.001	0.006	0.002	0.102	0.001	0.020	0.013	0.009	0.109	0.015	0.034	0.115	0.134	0.111	0.130	0.117
	Right side	0.241	0.010	0.002	0.043	0.043	0.002	0.004	0.253	0.294	0.294	0.289	0.290	0.289	0.290	0.330	0.331	0.340
	Left side	0.140	0.056	0.007	0.017	0.013	0.017	0.016	0.203	0.213	0.208	0.182	0.180	0.177	0.176	0.187	0.186	0.233
WCDMA Band V	Front side	0.299	0.050	0.011	0.069	0.054	0.006	0.026	0.360	0.417	0.403	0.385	0.405	0.370	0.390	0.427	0.448	0.483
	Back side	0.262	0.154	0.032	0.114	0.429	0.039	0.076	0.448	0.530	0.845	0.446	0.483	0.761	0.798	0.843	0.880	0.990
	Top side	0.248	0.083	0.001	0.053	0.003	0.010	0.001	0.332	0.384	0.334	0.311	0.303	0.262	0.253	0.313	0.305	0.388
	Bottom side	0.003	0.001	0.006	0.002	0.102	0.001	0.020	0.010	0.006	0.106	0.012	0.031	0.111	0.131	0.108	0.127	0.113
	Right side	0.152	0.010	0.002	0.043	0.043	0.002	0.004	0.164	0.205	0.205	0.200	0.201	0.200	0.201	0.241	0.242	0.251
	Left side	0.096	0.056	0.007	0.017	0.013	0.017	0.016	0.159	0.169	0.165	0.138	0.137	0.134	0.133	0.144	0.143	0.190
LTE Band 12	Front side	0.174	0.050	0.011	0.069	0.054	0.006	0.026	0.235	0.292	0.277	0.260	0.280	0.245	0.265	0.302	0.323	0.358
	Back side	0.140	0.154	0.032	0.114	0.429	0.039	0.076	0.326	0.408	0.723	0.325	0.362	0.640	0.677	0.722	0.759	0.869
	Top side	0.122	0.083	0.001	0.053	0.003	0.010	0.001	0.207	0.258	0.209	0.186	0.177	0.136	0.127	0.188	0.179	0.262
	Bottom side	0.003	0.001	0.006	0.002	0.102	0.001	0.020	0.009	0.006	0.105	0.012	0.031	0.111	0.130	0.107	0.127	0.113
	Right side	0.105	0.010	0.002	0.043	0.043	0.002	0.004	0.118	0.159	0.159	0.153	0.155	0.153	0.155	0.194	0.196	0.204
	Left side	0.007	0.056	0.007	0.017	0.013	0.017	0.016	0.070	0.080	0.076	0.049	0.048	0.045	0.043	0.055	0.053	0.100
LTE Band 13	Front side	0.314	0.050	0.011	0.069	0.054	0.006	0.026	0.375	0.433	0.418	0.400	0.420	0.385	0.406	0.443	0.463	0.498
	Back side	0.268	0.154	0.032	0.114	0.429	0.039	0.076	0.454	0.536	0.851	0.452	0.490	0.767	0.805	0.849	0.886	0.997
	Top side	0.200	0.083	0.001	0.053	0.003	0.010	0.001	0.284	0.335	0.286	0.263	0.254	0.214	0.205	0.265	0.256	0.340
	Bottom side	0.007	0.001	0.006	0.002	0.102	0.001	0.020	0.014	0.010	0.110	0.016	0.035	0.115	0.134	0.112	0.131	0.117
	Right side	0.158	0.010	0.002	0.043	0.043	0.002	0.004	0.171	0.212	0.212	0.206	0.208	0.206	0.208	0.247	0.249	0.258
	Left side	0.083	0.056	0.007	0.017	0.013	0.017	0.016	0.146	0.156	0.152	0.125	0.124	0.121	0.119	0.131	0.129	0.176
LTE Band 26	Front side	0.326	0.050	0.011	0.069	0.054	0.006	0.026	0.387	0.444	0.430	0.412	0.432	0.397	0.417	0.454	0.475	0.510
	Back side	0.258	0.154	0.032	0.114	0.429	0.039	0.076	0.445	0.526	0.842	0.443	0.480	0.758	0.795	0.840	0.877	0.987
	Top side	0.204	0.083	0.001	0.053	0.003	0.010	0.001	0.289	0.340	0.291	0.268	0.259	0.218	0.209	0.270	0.261	0.344
	Bottom side	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.008	0.004	0.104	0.010	0.029	0.110	0.129	0.106	0.125	0.112
	Right side	0.131	0.010	0.002	0.043	0.043	0.002	0.004	0.144	0.185	0.185	0.179	0.181	0.179	0.181	0.220	0.222	0.230
	Left side	0.102	0.056	0.007	0.017	0.013	0.017	0.016	0.165	0.175	0.171	0.144	0.143	0.140	0.138	0.150	0.148	0.195
LTE Band 71	Front side	0.128	0.050	0.011	0.069	0.054	0.006	0.026	0.189	0.247	0.232	0.214	0.234	0.199	0.220	0.257	0.277	0.312
	Back side	0.114	0.154	0.032	0.114	0.429	0.039	0.076	0.300	0.382	0.697	0.299	0.336	0.614	0.651	0.695	0.733	0.843
	Top side	0.095	0.083	0.001	0.053	0.003	0.010	0.001	0.179	0.231	0.181	0.158	0.150	0.109	0.100	0.160	0.152	0.235
	Bottom side	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.008	0.004	0.104	0.010	0.029	0.110	0.129	0.106	0.125	0.112
	Right side	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.015	0.056	0.056	0.050	0.052	0.050	0.052	0.091	0.093	0.102
	Left side	0.068	0.056	0.007	0.017	0.013	0.017	0.016	0.131	0.141	0.136	0.110	0.108	0.105	0.104	0.115	0.114	0.161
NR n41	Front side	0.084	0.050	0.011	0.069	0.054	0.006	0.026	0.145	0.203	0.188	0.170	0.190	0.155	0.175	0.213	0.233	0.268
	Back side	0.217	0.154	0.032	0.114	0.429	0.039	0.076	0.403	0.485	0.800	0.401	0.438	0.716	0.753	0.798	0.835	0.946
	Top side	0.006	0.083	0.001	0.053	0.003	0.010	0.001	0.090	0.142	0.092	0.069	0.060	0.020	0.011	0.071	0.062	0.146
	Bottom side	0.004	0.001	0.006	0.002	0.102	0.001	0.020	0.011	0.007	0.107	0.013	0.032	0.113	0.132	0.109	0.128	0.115
	Right side	0.013	0.010	0.002	0.043	0.043	0.002	0.004	0.026	0.067	0.067	0.061	0.063	0.061	0.063	0.102	0.104	0.113
	Left side	0.025	0.056	0.007	0.017	0.013	0.017	0.016	0.088	0.098	0.094	0.067	0.066	0.063	0.061	0.073	0.071	0.118

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Normal_Landscape_Hotspot_LAT

		The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN(LAT)																
WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+5 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.727	0.050	0.001	0.089	0.054	0.006	0.026	0.788	0.845	0.831	0.813	0.833	0.798	0.818	0.855	0.876	0.911
	Back side	0.574	0.154	0.032	0.114	0.429	0.039	0.076	0.761	0.842	1.157	0.759	0.796	1.074	1.111	1.156	1.193	1.303
	Top side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.137	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.141
	Bottom side	0.590	0.001	0.006	0.002	0.102	0.001	0.020	0.567	0.563	0.653	0.599	0.598	0.669	0.698	0.695	0.684	0.671
	Right side	0.522	0.010	0.002	0.043	0.043	0.002	0.004	0.534	0.575	0.575	0.570	0.571	0.569	0.571	0.610	0.612	0.621
GPRS 1900	Front side	0.135	0.056	0.007	0.017	0.013	0.017	0.016	0.198	0.208	0.204	0.177	0.176	0.173	0.173	0.183	0.181	0.228
	Back side	0.383	0.050	0.011	0.069	0.054	0.006	0.026	0.454	0.512	0.497	0.479	0.499	0.464	0.484	0.522	0.542	0.577
	Top side	0.433	0.154	0.032	0.114	0.429	0.039	0.076	0.619	0.701	1.016	0.617	0.655	0.932	0.970	1.014	1.051	1.162
	Bottom side	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.137	0.087	0.064	0.056	0.015	0.006	0.066	0.058	0.141
	Right side	0.146	0.010	0.002	0.043	0.043	0.002	0.004	0.143	0.139	0.138	0.145	0.144	0.144	0.145	0.141	0.141	0.146
WCDMA Band II	Front side	0.240	0.056	0.007	0.017	0.013	0.017	0.016	0.303	0.313	0.308	0.282	0.280	0.277	0.278	0.287	0.286	0.333
	Back side	0.209	0.050	0.011	0.069	0.054	0.006	0.026	0.270	0.328	0.313	0.295	0.315	0.280	0.300	0.338	0.358	0.393
	Top side	0.373	0.154	0.032	0.114	0.429	0.039	0.076	0.559	0.641	0.966	0.567	0.594	0.872	0.909	0.954	0.991	1.101
	Bottom side	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.066	0.058	0.017	0.008	0.068	0.060	0.143
	Right side	1.172	0.001	0.006	0.002	0.102	0.001	0.020	1.179	1.175	1.275	1.161	1.200	1.281	1.300	1.277	1.296	1.283
WCDMA Band IV	Front side	0.069	0.010	0.002	0.043	0.043	0.002	0.004	0.082	0.123	0.123	0.117	0.119	0.117	0.119	0.158	0.160	0.169
	Back side	0.124	0.056	0.007	0.017	0.013	0.017	0.016	0.187	0.197	0.192	0.185	0.164	0.161	0.160	0.171	0.170	0.217
	Top side	0.292	0.050	0.011	0.069	0.054	0.006	0.026	0.353	0.411	0.396	0.378	0.399	0.363	0.384	0.421	0.441	0.476
	Bottom side	0.496	0.001	0.006	0.002	0.102	0.001	0.020	0.205	0.215	0.211	0.184	0.193	0.178	0.180	0.186	0.185	0.235
	Right side	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.137	0.087	0.064	0.056	0.015	0.006	0.066	0.058	0.141
WCDMA Band V	Front side	1.098	0.001	0.006	0.002	0.102	0.001	0.020	1.104	1.101	1.200	1.106	1.126	1.206	1.225	1.202	1.221	1.208
	Back side	0.102	0.056	0.007	0.017	0.013	0.017	0.016	0.204	0.214	0.210	0.194	0.193	0.192	0.193	0.214	0.212	0.259
	Top side	0.164	0.056	0.007	0.017	0.013	0.017	0.016	0.227	0.237	0.232	0.206	0.204	0.201	0.200	0.211	0.210	0.257
	Bottom side	0.715	0.050	0.011	0.069	0.054	0.006	0.026	0.776	0.834	0.819	0.801	0.821	0.786	0.807	0.844	0.864	0.899
	Right side	0.684	0.154	0.032	0.114	0.429	0.039	0.076	0.620	0.902	1.217	0.619	0.656	1.134	1.171	1.216	1.253	1.363
LTE Band 7	Front side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.139	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.142
	Back side	0.428	0.001	0.006	0.002	0.102	0.001	0.020	0.435	0.431	0.531	0.437	0.456	0.537	0.556	0.533	0.552	0.539
	Top side	0.211	0.010	0.002	0.043	0.043	0.002	0.004	0.224	0.265	0.265	0.259	0.261	0.259	0.261	0.300	0.302	0.311
	Bottom side	0.142	0.016	0.001	0.017	0.017	0.017	0.016	0.184	0.195	0.191	0.184	0.183	0.180	0.179	0.186	0.185	0.235
	Right side	0.343	0.050	0.011	0.069	0.054	0.006	0.026	0.404	0.462	0.447	0.429	0.449	0.414	0.434	0.472	0.492	0.527
LTE Band 11	Front side	0.365	0.154	0.032	0.114	0.429	0.039	0.076	0.551	0.633	0.948	0.549	0.586	0.864	0.901	0.946	0.983	1.094
	Back side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.138	0.086	0.065	0.057	0.016	0.007	0.067	0.058	0.142
	Top side	0.825	0.001	0.006	0.002	0.102	0.001	0.020	0.832	0.828	0.928	0.834	0.853	0.934	0.953	0.930	0.949	0.936
	Bottom side	0.071	0.010	0.002	0.043	0.043	0.002	0.004	0.083	0.124	0.124	0.119	0.120	0.119	0.120	0.160	0.161	0.170
	Right side	0.246	0.002	0.003	0.003	0.003	0.001	0.001	0.309	0.319	0.315	0.298	0.295	0.293	0.293	0.328	0.328	0.392
LTE Band 12	Front side	0.287	0.050	0.011	0.069	0.054	0.006	0.026	0.348	0.406	0.391	0.373	0.393	0.358	0.378	0.416	0.436	0.471
	Back side	0.272	0.154	0.032	0.114	0.429	0.039	0.076	0.458	0.540	0.855	0.456	0.493	0.771	0.808	0.853	0.890	1.001
	Top side	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.137	0.088	0.065	0.056	0.015	0.006	0.067	0.058	0.141
	Bottom side	0.236	0.001	0.006	0.002	0.102	0.001	0.020	0.243	0.239	0.339	0.245	0.264	0.344	0.364	0.341	0.360	0.366
	Right side	0.003	0.010	0.002	0.043	0.043	0.002	0.004	0.016	0.057	0.057	0.051	0.053	0.051	0.053	0.092	0.094	0.103
LTE Band 13	Front side	0.001	0.056	0.007	0.017	0.013	0.017	0.016	0.066	0.076	0.071	0.045	0.043	0.040	0.039	0.050	0.049	0.096
	Back side	0.458	0.050	0.011	0.069	0.054	0.006	0.026	0.519	0.577	0.562	0.544	0.564	0.529	0.549	0.587	0.607	0.646
	Top side	0.395	0.154	0.032	0.114	0.429	0.039	0.076	0.582	0.664	0.979	0.580	0.617	0.895	0.932	0.977	1.014	1.124
	Bottom side	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.137	0.088	0.065	0.056	0.016	0.007	0.067	0.058	0.141
	Right side	0.003	0.010	0.002	0.043	0.043	0.002	0.004	0.015	0.056	0.056	0.051	0.052	0.051	0.052	0.092	0.093	0.102
LTE Band 25	Front side	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.065	0.075	0.070	0.043	0.042	0.039	0.038	0.049	0.048	0.095
	Back side	0.442	0.050	0.011	0.069	0.054	0.006	0.026	0.503	0.561	0.546	0.529	0.548	0.513	0.533	0.571	0.591	0.625
	Top side	0.475	0.154	0.032	0.114	0.429	0.039	0.076	0.661	0.743	1.058	0.660	0.697	0.975	1.012	1.056	1.094	1.204
	Bottom side	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.137	0.087	0.064	0.056	0.015	0.006	0.066	0.058	0.141
	Right side	1.152	0.001	0.006	0.002	0.102	0.001	0.020	1.159	1.155	1.255	1.161	1.180	1.260	1.280	1.257	1.276	1.262
LTE Band 26	Front side	0.012	0.010	0.002	0.043	0.043	0.002	0.004	0.025	0.066	0.066	0.060	0.062	0.060	0.062	0.101	0.103	0.111
	Back side	0.225	0.056	0.007	0.017	0.013	0.017	0.016	0.288	0.297	0.293	0.266	0.265	0.262	0.261	0.272	0.271	0.318
	Top side	0.482	0.050	0.011	0.069	0.054	0.006	0.026	0.543	0.601	0.586	0.568	0.588	0.553	0.573	0.611	0.631	0.666
	Bottom side	0.471	0.154	0.032	0.114	0.429	0.039	0.076	0.657	0.739	1.054	0.656	0.693	0.971	1.008	1.053	1.090	1.200
	Right side	0.006	0.083	0.001	0.053	0.003	0.010	0.001	0.091	0.142	0.093	0.070	0.061	0.020	0.011	0.072	0.063	0.146
LTE Band 30	Front side	0.438	0.001	0.006	0.002	0.102	0.001	0.020	0.444	0.441	0.540	0.446	0.466	0.546	0.565	0.542	0.562	0.548
	Back side	0.338	0.010	0.002	0.043	0.043	0.002	0.004	0.351	0.307	0.391	0.386	0.387	0.386	0.387	0.427	0.428	0.437
	Top side	0.076	0.056	0.007	0.017	0.013	0.017	0.016	0.139	0.149	0.144	0.118	0.116	0.113	0.112	0.123	0.122	0.189
	Bottom side	0.597	0.050	0.011	0.069	0.054	0.006	0.026	0.658	0.716	0.701	0.683	0.703	0.668	0.689	0.726	0.746	0.781
	Right side	0.614	0.154	0.032	0.114	0.429	0.039	0.076	0.601	0.682	1.197	0.799	0.836	1.114	1.151	1.196	1.233	1.343
LTE Band 41	Front side	0.009	0.083	0.001	0.053	0.003	0.010	0.001	0.093	0.144	0.095	0.072	0.063					

Gaming_Body_UAT

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.531	0.020	0.001	0.061	0.083	0.002	0.016	0.553	0.613	0.634	0.596	0.610	0.618	0.631	0.678	0.691	0.697
	Back side	0.394	0.075	0.048	0.080	0.451	0.014	0.169	0.516	0.548	0.919	0.535	0.690	0.906	1.061	0.938	1.093	1.047
WCDMA Band V	Front side	0.299	0.020	0.001	0.061	0.083	0.002	0.016	0.321	0.381	0.402	0.364	0.378	0.385	0.399	0.445	0.459	0.465
	Back side	0.262	0.075	0.048	0.080	0.451	0.014	0.169	0.384	0.416	0.787	0.403	0.558	0.774	0.929	0.806	0.961	0.915
LTE Band 12	Front side	0.174	0.020	0.001	0.061	0.083	0.002	0.016	0.196	0.256	0.277	0.239	0.253	0.260	0.274	0.320	0.334	0.340
	Back side	0.140	0.075	0.048	0.080	0.451	0.014	0.169	0.263	0.295	0.666	0.282	0.437	0.653	0.808	0.685	0.840	0.793
LTE Band 13	Front side	0.314	0.020	0.001	0.061	0.083	0.002	0.016	0.336	0.396	0.418	0.379	0.393	0.401	0.415	0.461	0.475	0.481
	Back side	0.268	0.075	0.048	0.080	0.451	0.014	0.169	0.390	0.422	0.793	0.409	0.564	0.780	0.936	0.812	0.968	0.921
LTE Band 26	Front side	0.326	0.020	0.001	0.061	0.083	0.002	0.016	0.348	0.408	0.429	0.391	0.405	0.412	0.426	0.472	0.486	0.492
	Back side	0.258	0.075	0.048	0.080	0.451	0.014	0.169	0.381	0.413	0.784	0.400	0.555	0.771	0.926	0.803	0.958	0.911
LTE Band 71	Front side	0.128	0.020	0.001	0.061	0.083	0.002	0.016	0.150	0.210	0.232	0.193	0.207	0.215	0.229	0.275	0.289	0.295
	Back side	0.114	0.075	0.048	0.080	0.451	0.014	0.169	0.236	0.268	0.640	0.255	0.411	0.626	0.782	0.658	0.814	0.767
NR n41	Front side	0.084	0.020	0.001	0.061	0.083	0.002	0.016	0.106	0.166	0.188	0.149	0.163	0.171	0.185	0.231	0.245	0.251
	Back side	0.217	0.075	0.048	0.080	0.451	0.014	0.169	0.339	0.371	0.742	0.358	0.513	0.729	0.884	0.761	0.916	0.870

Gaming_Body_LAT

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN(LAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.526	0.020	0.001	0.061	0.083	0.002	0.016	0.548	0.608	0.630	0.591	0.605	0.613	0.627	0.673	0.687	0.693
	Back side	0.451	0.075	0.048	0.080	0.451	0.014	0.169	0.573	0.605	0.976	0.592	0.748	0.963	1.119	0.995	1.151	1.104
GPRS 1900	Front side	0.257	0.020	0.001	0.061	0.083	0.002	0.016	0.279	0.339	0.360	0.322	0.335	0.343	0.357	0.403	0.417	0.423
	Back side	0.458	0.075	0.048	0.080	0.451	0.014	0.169	0.580	0.612	0.983	0.599	0.755	0.970	1.126	1.002	1.158	1.111
WCDMA Band II	Front side	0.353	0.020	0.001	0.061	0.083	0.002	0.016	0.374	0.434	0.456	0.418	0.431	0.439	0.453	0.499	0.513	0.519
	Back side	0.454	0.075	0.048	0.080	0.451	0.014	0.169	0.577	0.609	0.980	0.596	0.751	0.967	1.122	0.999	1.154	1.107
WCDMA Band IV	Front side	0.153	0.020	0.001	0.061	0.083	0.002	0.016	0.175	0.235	0.256	0.218	0.232	0.239	0.253	0.299	0.313	0.319
	Back side	0.212	0.075	0.048	0.080	0.451	0.014	0.169	0.334	0.366	0.737	0.353	0.508	0.724	0.880	0.756	0.912	0.865
WCDMA Band V	Front side	0.246	0.020	0.001	0.061	0.083	0.002	0.016	0.268	0.328	0.350	0.311	0.325	0.333	0.347	0.393	0.407	0.413
	Back side	0.164	0.075	0.048	0.080	0.451	0.014	0.169	0.286	0.318	0.689	0.305	0.460	0.676	0.832	0.708	0.864	0.817
LTE Band 7	Front side	0.214	0.020	0.001	0.061	0.083	0.002	0.016	0.235	0.295	0.317	0.278	0.292	0.300	0.314	0.360	0.374	0.380
	Back side	0.288	0.075	0.048	0.080	0.451	0.014	0.169	0.410	0.442	0.813	0.429	0.584	0.800	0.955	0.832	0.987	0.941
LTE Band 12	Front side	0.108	0.020	0.001	0.061	0.083	0.002	0.016	0.130	0.190	0.212	0.173	0.187	0.195	0.208	0.255	0.269	0.275
	Back side	0.308	0.075	0.048	0.080	0.451	0.014	0.169	0.430	0.462	0.833	0.449	0.604	0.820	0.975	0.852	1.007	0.961
LTE Band 13	Front side	0.054	0.020	0.001	0.061	0.083	0.002	0.016	0.075	0.135	0.157	0.118	0.132	0.140	0.154	0.200	0.214	0.220
	Back side	0.259	0.075	0.048	0.080	0.451	0.014	0.169	0.381	0.413	0.784	0.400	0.555	0.771	0.926	0.803	0.958	0.912
LTE Band 25	Front side	0.530	0.020	0.001	0.061	0.083	0.002	0.016	0.552	0.612	0.634	0.595	0.609	0.617	0.631	0.677	0.691	0.697
	Back side	0.619	0.075	0.048	0.080	0.451	0.014	0.169	0.742	0.774	1.145	0.761	0.916	1.132	1.287	1.164	1.319	1.272
LTE Band 26	Front side	0.227	0.020	0.001	0.061	0.083	0.002	0.016	0.249	0.309	0.331	0.292	0.306	0.314	0.328	0.374	0.388	0.394
	Back side	0.365	0.075	0.048	0.080	0.451	0.014	0.169	0.488	0.520	0.891	0.507	0.662	0.878	1.033	0.910	1.065	1.018
LTE Band 30	Front side	0.109	0.020	0.001	0.061	0.083	0.002	0.016	0.131	0.191	0.213	0.174	0.188	0.196	0.209	0.256	0.270	0.275
	Back side	0.223	0.075	0.048	0.080	0.451	0.014	0.169	0.346	0.378	0.749	0.365	0.520	0.736	0.891	0.768	0.923	0.876
LTE Band 41	Front side	0.147	0.020	0.001	0.061	0.083	0.002	0.016	0.169	0.229	0.251	0.212	0.226	0.234	0.248	0.294	0.308	0.314
	Back side	0.208	0.075	0.048	0.080	0.451	0.014	0.169	0.331	0.363	0.734	0.350	0.505	0.721	0.876	0.753	0.908	0.861
LTE Band 48	Front side	0.063	0.020	0.001	0.061	0.083	0.002	0.016	0.085	0.145	0.167	0.128	0.142	0.150	0.164	0.210	0.224	0.230
	Back side	0.098	0.075	0.048	0.080	0.451	0.014	0.169	0.221	0.253	0.624	0.239	0.395	0.610	0.766	0.642	0.798	0.751
LTE Band 66	Front side	0.245	0.020	0.001	0.061	0.083	0.002	0.016	0.267	0.327	0.349	0.310	0.324	0.332	0.346	0.392	0.406	0.412
	Back side	0.276	0.075	0.048	0.080	0.451	0.014	0.169	0.399	0.431	0.802	0.418	0.573	0.789	0.944	0.821	0.976	0.929
LTE Band 71	Front side	0.038	0.020	0.001	0.061	0.083	0.002	0.016	0.060	0.120	0.141	0.103	0.117	0.124	0.138	0.184	0.198	0.204
	Back side	0.032	0.075	0.048	0.080	0.451	0.014	0.169	0.154	0.186	0.557	0.173	0.328	0.544	0.699	0.576	0.731	0.685
NR n41	Front side	0.032	0.020	0.001	0.061	0.083	0.002	0.016	0.054	0.114	0.136	0.097	0.111	0.119	0.133	0.179	0.193	0.199
	Back side	0.212	0.075	0.048	0.080	0.451	0.014	0.169	0.334	0.366	0.737	0.353	0.508	0.724	0.880	0.756	0.912	0.865

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Gaming_Hotspot_UAT

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN(UAT)

WWAN	Exposure position 1g(W/kg)	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+6 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4 +5 Sum
GPRS 850	Front side	0.531	0.050	0.011	0.069	0.122	0.006	0.026	0.592	0.650	0.703	0.617	0.637	0.670	0.690	0.727	0.748	0.783
	Back side	0.394	0.154	0.032	0.114	0.601	0.039	0.076	0.580	0.662	1.149	0.578	0.615	1.065	1.102	1.147	1.184	1.295
	Top side	0.285	0.083	0.001	0.053	0.029	0.010	0.001	0.369	0.420	0.396	0.348	0.339	0.324	0.315	0.375	0.367	0.450
	Bottom side	0.006	0.001	0.006	0.002	0.024	0.001	0.020	0.013	0.009	0.031	0.015	0.034	0.037	0.056	0.034	0.053	0.039
	Right side	0.241	0.010	0.002	0.043	0.090	0.002	0.004	0.253	0.294	0.340	0.289	0.290	0.335	0.336	0.376	0.377	0.386
WCDMA Band V	Left side	0.140	0.056	0.007	0.017	0.003	0.017	0.016	0.203	0.213	0.199	0.182	0.180	0.168	0.166	0.178	0.176	0.223
	Front side	0.299	0.050	0.011	0.069	0.122	0.006	0.026	0.360	0.417	0.470	0.385	0.405	0.438	0.458	0.495	0.516	0.551
	Back side	0.262	0.154	0.032	0.114	0.601	0.039	0.076	0.448	0.530	1.017	0.446	0.483	0.933	0.970	1.015	1.052	1.163
	Top side	0.248	0.083	0.001	0.053	0.029	0.010	0.001	0.332	0.384	0.360	0.311	0.303	0.287	0.279	0.339	0.330	0.413
	Bottom side	0.003	0.001	0.006	0.002	0.024	0.001	0.020	0.010	0.006	0.028	0.012	0.031	0.034	0.053	0.030	0.049	0.036
LTE Band 12	Right side	0.152	0.010	0.002	0.043	0.090	0.002	0.004	0.164	0.205	0.252	0.200	0.201	0.246	0.248	0.287	0.289	0.297
	Left side	0.096	0.056	0.007	0.017	0.003	0.017	0.016	0.159	0.169	0.156	0.138	0.137	0.124	0.123	0.134	0.133	0.180
	Front side	0.174	0.050	0.011	0.069	0.122	0.006	0.026	0.235	0.292	0.345	0.260	0.280	0.313	0.333	0.370	0.391	0.426
	Back side	0.140	0.154	0.032	0.114	0.601	0.039	0.076	0.326	0.408	0.896	0.325	0.362	0.812	0.849	0.894	0.931	1.041
	Top side	0.122	0.083	0.001	0.053	0.029	0.010	0.001	0.207	0.258	0.234	0.186	0.177	0.162	0.153	0.213	0.204	0.288
LTE Band 13	Bottom side	0.003	0.001	0.006	0.002	0.024	0.001	0.020	0.009	0.006	0.028	0.012	0.031	0.034	0.053	0.030	0.049	0.036
	Right side	0.105	0.010	0.002	0.043	0.090	0.002	0.004	0.118	0.159	0.205	0.153	0.155	0.199	0.201	0.240	0.242	0.251
	Left side	0.007	0.056	0.007	0.017	0.003	0.017	0.016	0.070	0.080	0.066	0.049	0.048	0.035	0.034	0.045	0.044	0.091
	Front side	0.314	0.050	0.011	0.069	0.122	0.006	0.026	0.375	0.433	0.486	0.400	0.420	0.453	0.473	0.511	0.531	0.566
	Back side	0.268	0.154	0.032	0.114	0.601	0.039	0.076	0.454	0.536	1.023	0.452	0.490	0.940	0.977	1.022	1.059	1.169
LTE Band 26	Top side	0.200	0.083	0.001	0.053	0.029	0.010	0.001	0.284	0.335	0.311	0.263	0.254	0.239	0.230	0.291	0.282	0.365
	Bottom side	0.007	0.001	0.006	0.002	0.024	0.001	0.020	0.014	0.010	0.032	0.016	0.035	0.038	0.057	0.034	0.053	0.040
	Right side	0.158	0.010	0.002	0.043	0.090	0.002	0.004	0.171	0.212	0.258	0.206	0.208	0.253	0.254	0.294	0.295	0.304
	Left side	0.083	0.056	0.007	0.017	0.003	0.017	0.016	0.146	0.156	0.142	0.125	0.124	0.111	0.110	0.121	0.120	0.167
	Front side	0.326	0.050	0.011	0.069	0.122	0.006	0.026	0.387	0.444	0.497	0.412	0.432	0.465	0.485	0.522	0.543	0.578
LTE Band 71	Back side	0.258	0.154	0.032	0.114	0.601	0.039	0.076	0.445	0.526	1.014	0.443	0.480	0.930	0.967	1.012	1.049	1.160
	Top side	0.204	0.083	0.001	0.053	0.029	0.010	0.001	0.289	0.340	0.316	0.268	0.259	0.244	0.235	0.295	0.286	0.370
	Bottom side	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.008	0.004	0.026	0.010	0.029	0.032	0.051	0.028	0.048	0.034
	Right side	0.131	0.010	0.002	0.043	0.090	0.002	0.004	0.144	0.185	0.231	0.179	0.181	0.225	0.227	0.266	0.268	0.277
	Left side	0.102	0.056	0.007	0.017	0.003	0.017	0.016	0.165	0.175	0.161	0.144	0.143	0.130	0.129	0.140	0.139	0.186
NR n41	Front side	0.128	0.050	0.011	0.069	0.122	0.006	0.026	0.189	0.247	0.300	0.214	0.234	0.267	0.287	0.325	0.345	0.380
	Back side	0.114	0.154	0.032	0.114	0.601	0.039	0.076	0.300	0.382	0.869	0.299	0.336	0.786	0.823	0.868	0.905	1.015
	Top side	0.095	0.083	0.001	0.053	0.029	0.010	0.001	0.179	0.231	0.207	0.158	0.150	0.134	0.126	0.186	0.177	0.260
	Bottom side	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.008	0.004	0.026	0.010	0.029	0.032	0.051	0.028	0.048	0.034
	Right side	0.002	0.010	0.002	0.043	0.090	0.002	0.004	0.015	0.056	0.102	0.050	0.052	0.097	0.098	0.138	0.139	0.148
NR n41	Left side	0.068	0.056	0.007	0.017	0.003	0.017	0.016	0.131	0.141	0.127	0.110	0.108	0.096	0.095	0.106	0.104	0.151
	Front side	0.084	0.050	0.011	0.069	0.122	0.006	0.026	0.145	0.203	0.256	0.170	0.190	0.223	0.243	0.281	0.301	0.336
	Back side	0.217	0.154	0.032	0.114	0.601	0.039	0.076	0.403	0.485	0.972	0.401	0.438	0.888	0.926	0.970	1.007	1.118
	Top side	0.006	0.083	0.001	0.053	0.029	0.010	0.001	0.090	0.142	0.118	0.069	0.060	0.045	0.036	0.097	0.088	0.171
	Bottom side	0.004	0.001	0.006	0.002	0.024	0.001	0.020	0.011	0.007	0.029	0.013	0.032	0.035	0.054	0.032	0.051	0.037
NR n41	Right side	0.013	0.010	0.002	0.043	0.090	0.002	0.004	0.026	0.067	0.113	0.061	0.063	0.107	0.109	0.148	0.150	0.159
	Left side	0.025	0.056	0.007	0.017	0.003	0.017	0.016	0.088	0.098	0.084	0.067	0.066	0.053	0.052	0.063	0.062	0.109

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Gaming_Hotspot_LAT

WWAN		The simultaneous body exposure conditions for WLAN (LAT)																	
		1		2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		Exposure position (W/kg)	WWAN	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	1+2+3 Sum	1+2+4 Sum	1+2+5 Sum	1+3+4+5 Sum	1+3+4+7 Sum	1+3+5+6 Sum	1+3+5+7 Sum	1+4+5+6 Sum	1+4+5+7 Sum	1+2+3+4+5 Sum
GPRS 850	Front side	0.648	0.050	0.001	0.069	0.122	0.006	0.006	0.006	0.709	0.766	0.819	0.734	0.754	0.787	0.807	0.844	0.865	0.900
	Back side	0.512	0.154	0.032	0.114	0.601	0.039	0.076	0.696	0.780	1.267	0.696	0.733	1.184	1.221	1.266	1.303	1.413	
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.137	0.113	0.065	0.059	0.041	0.032	0.092	0.084	0.167	
	Bottom side	0.499	0.001	0.006	0.002	0.024	0.001	0.020	0.506	0.502	0.524	0.508	0.527	0.530	0.549	0.526	0.546	0.532	
	Right side	0.485	0.010	0.002	0.043	0.090	0.002	0.004	0.478	0.519	0.565	0.513	0.514	0.559	0.561	0.600	0.602	0.610	
	Left side	0.120	0.056	0.007	0.017	0.003	0.017	0.016	0.183	0.193	0.180	0.162	0.161	0.148	0.147	0.158	0.157	0.204	
GPRS 1900	Front side	0.383	0.050	0.011	0.069	0.122	0.006	0.026	0.454	0.512	0.555	0.479	0.499	0.532	0.552	0.590	0.610	0.645	
	Back side	0.433	0.154	0.032	0.114	0.601	0.039	0.076	0.619	0.701	1.188	0.617	0.655	1.105	1.142	1.187	1.224	1.334	
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166	
	Bottom side	1.136	0.001	0.006	0.002	0.024	0.001	0.020	1.443	1.139	1.161	1.165	1.164	1.167	1.186	1.163	1.182	1.169	
	Right side	0.146	0.010	0.002	0.043	0.090	0.002	0.004	0.158	0.199	0.245	0.184	0.195	0.240	0.243	0.281	0.282	0.291	
	Left side	0.240	0.056	0.007	0.017	0.003	0.017	0.016	0.303	0.313	0.299	0.282	0.280	0.268	0.267	0.278	0.276	0.323	
WCDMA Band II	Front side	0.209	0.050	0.011	0.069	0.122	0.006	0.026	0.270	0.328	0.381	0.295	0.315	0.348	0.369	0.406	0.426	0.461	
	Back side	0.373	0.154	0.032	0.114	0.601	0.039	0.076	0.559	0.641	1.128	0.587	0.594	1.044	1.081	1.126	1.163	1.274	
	Top side	0.003	0.083	0.001	0.053	0.029	0.010	0.001	0.087	0.139	0.115	0.066	0.058	0.042	0.034	0.094	0.085	0.168	
	Bottom side	1.172	0.001	0.006	0.002	0.024	0.001	0.020	1.179	1.175	1.197	1.161	1.200	1.203	1.222	1.200	1.219	1.205	
	Right side	0.069	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.123	0.169	0.117	0.119	0.163	0.165	0.204	0.206	0.215	
	Left side	0.124	0.056	0.007	0.017	0.003	0.017	0.016	0.187	0.197	0.183	0.165	0.164	0.152	0.150	0.162	0.160	0.207	
WCDMA Band IV	Front side	0.292	0.050	0.011	0.069	0.122	0.006	0.026	0.353	0.411	0.464	0.378	0.398	0.431	0.451	0.489	0.509	0.544	
	Back side	0.406	0.154	0.032	0.114	0.601	0.039	0.076	0.681	0.763	1.251	0.680	0.717	1.167	1.204	1.249	1.286	1.396	
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166	
	Bottom side	1.098	0.001	0.006	0.002	0.024	0.001	0.020	1.104	1.101	1.123	1.106	1.126	1.128	1.148	1.125	1.144	1.130	
	Right side	0.012	0.083	0.001	0.053	0.029	0.010	0.001	0.084	0.137	0.113	0.065	0.058	0.041	0.032	0.093	0.084	0.167	
	Left side	0.154	0.056	0.007	0.017	0.003	0.017	0.016	0.227	0.237	0.223	0.206	0.204	0.192	0.191	0.202	0.200	0.247	
WCDMA Band V	Front side	0.638	0.050	0.011	0.069	0.122	0.006	0.026	0.698	0.756	0.809	0.723	0.744	0.776	0.797	0.834	0.854	0.889	
	Back side	0.565	0.154	0.032	0.114	0.601	0.039	0.076	0.751	0.833	1.321	0.750	0.787	1.237	1.274	1.319	1.356	1.466	
	Top side	0.002	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.137	0.113	0.065	0.058	0.041	0.032	0.093	0.084	0.167	
	Bottom side	0.382	0.001	0.006	0.002	0.024	0.001	0.020	0.388	0.385	0.407	0.390	0.410	0.412	0.432	0.409	0.428	0.415	
	Right side	0.188	0.010	0.002	0.043	0.090	0.002	0.004	0.201	0.242	0.288	0.236	0.238	0.283	0.284	0.324	0.325	0.334	
	Left side	0.127	0.056	0.007	0.017	0.003	0.017	0.016	0.190	0.200	0.196	0.185	0.182	0.154	0.154	0.165	0.164	0.212	
LTE Band 7	Front side	0.343	0.050	0.011	0.069	0.122	0.006	0.026	0.404	0.462	0.515	0.429	0.449	0.482	0.502	0.540	0.560	0.595	
	Back side	0.365	0.154	0.032	0.114	0.601	0.039	0.076	0.551	0.633	1.120	0.549	0.586	1.036	1.073	1.118	1.155	1.266	
	Top side	0.002	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.138	0.114	0.065	0.057	0.040	0.032	0.093	0.084	0.167	
	Bottom side	0.825	0.001	0.006	0.002	0.024	0.001	0.020	0.832	0.828	0.850	0.834	0.853	0.856	0.875	0.852	0.872	0.858	
	Right side	0.071	0.010	0.002	0.043	0.090	0.002	0.004	0.083	0.124	0.171	0.119	0.120	0.165	0.166	0.206	0.208	0.216	
	Left side	0.246	0.056	0.007	0.017	0.003	0.017	0.016	0.309	0.319	0.305	0.288	0.286	0.274	0.273	0.284	0.283	0.330	
LTE Band 11	Front side	0.287	0.050	0.011	0.069	0.122	0.006	0.026	0.348	0.406	0.459	0.373	0.393	0.426	0.446	0.484	0.504	0.539	
	Back side	0.272	0.154	0.032	0.114	0.601	0.039	0.076	0.458	0.540	1.027	0.456	0.493	0.944	0.981	1.025	1.063	1.173	
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.137	0.113	0.065	0.056	0.041	0.032	0.092	0.083	0.167	
	Bottom side	0.236	0.001	0.006	0.002	0.024	0.001	0.020	0.243	0.239	0.261	0.245	0.264	0.267	0.286	0.263	0.282	0.269	
	Right side	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.016	0.057	0.103	0.051	0.053	0.097	0.099	0.138	0.140	0.149	
	Left side	0.003	0.056	0.007	0.017	0.003	0.017	0.016	0.066	0.076	0.062	0.045	0.043	0.031	0.030	0.041	0.040	0.087	
LTE Band 13	Front side	0.458	0.050	0.011	0.069	0.122	0.006	0.026	0.519	0.577	0.630	0.544	0.564	0.597	0.617	0.655	0.675	0.710	
	Back side	0.395	0.154	0.032	0.114	0.601	0.039	0.076	0.582	0.664	1.151	0.580	0.617	1.067	1.104	1.149	1.186	1.297	
	Top side	0.002	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.137	0.113	0.065	0.056	0.041	0.032	0.093	0.084	0.167	
	Bottom side	0.304	0.001	0.006	0.002	0.024	0.001	0.020	0.311	0.307	0.329	0.313	0.332	0.335	0.354	0.331	0.350	0.337	
	Right side	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.015	0.056	0.103	0.051	0.052	0.097	0.099	0.138	0.140	0.148	
	Left side	0.002	0.056	0.007	0.017	0.003	0.017	0.016	0.065	0.075	0.061	0.043	0.042	0.030	0.028	0.040	0.038	0.085	
LTE Band 25	Front side	0.442	0.050	0.011	0.069	0.122	0.006	0.026	0.545	0.603	0.656	0.561	0.581	0.614	0.634	0.672	0.692	0.727	
	Back side	0.475	0.154	0.032	0.114	0.601	0.039	0.076	0.661	0.743	1.230	0.660	0.697	1.147	1.184	1.229	1.266	1.376	
	Top side	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.137	0.113	0.064	0.056	0.040	0.032	0.092	0.083	0.166	
	Bottom side	1.152	0.001	0.006	0.002	0.024	0.001	0.020	1.159	1.155	1.177	1.161	1.180	1.183	1.202	1.179	1.198	1.185	
	Right side	0.012	0.010	0.002	0.043	0.090	0.002	0.004	0.025	0.066	0.112	0.060	0.062	0.106	0.108	0.147	0.149	0.158	
	Left side	0.225	0.056	0.007	0.017	0.003	0.017	0.016	0.288	0.297	0.284	0.266	0.265	0.253	0.251	0.263	0.261	0.308	
LTE Band 26	Front side	0.482	0.050	0.011	0.069	0.122	0.006	0.026	0.543	0.601	0.654	0.568	0.588	0.621	0.641	0.679	0.699	0.734	
	Back side	0.471	0.154	0.032	0.114	0.601	0.039	0.076	0.657	0.739	1.227	0.656	0.693	1.143	1.180	1.225	1.262	1.372	
	Top side	0.006	0.083	0.001	0.053	0.029	0.010	0.001	0.091	0.142	0.118	0.070	0.061	0.046	0.037	0.097	0.088	0.172	
	Bottom side	0.438	0.001	0.006	0.002	0.024	0.001	0.020	0.444	0.441	0.463	0.446	0.466	0.468	0.488	0.465	0.484	0.471	
	Right side	0.338	0.010	0.002	0.043	0.090	0.002	0.004	0.351	0.392	0.438	0.386	0.387	0.432	0.434	0.473	0.475	0.483	
	Left side	0.076	0.056	0.007	0.017	0.003	0.017	0.016	0.139	0.149	0.135	0.118	0.116	0.104	0.1				

Inter-band

without WLAN_Head+Body

Head

The simultaneous head exposure conditions for LTE Inter band

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	ReCheek	0.116	0.516	0.632
	ReTilt	0.068	0.324	0.392
	LeCheek	0.173	0.369	0.542
	LeTilt	0.077	0.312	0.389
2A-5A(LAT)	ReCheek	0.116	0.071	0.187
	ReTilt	0.068	0.041	0.108
	LeCheek	0.173	0.046	0.219
	LeTilt	0.077	0.025	0.103
2A-12A(UAT)	ReCheek	0.116	0.361	0.477
	ReTilt	0.068	0.237	0.305
	LeCheek	0.173	0.269	0.443
	LeTilt	0.077	0.174	0.251
2A-12A(LAT)	ReCheek	0.116	0.086	0.202
	ReTilt	0.068	0.032	0.100
	LeCheek	0.173	0.045	0.218
	LeTilt	0.077	0.012	0.090
4A-5A(UAT)	ReCheek	0.122	0.516	0.638
	ReTilt	0.083	0.324	0.407
	LeCheek	0.174	0.369	0.543
	LeTilt	0.107	0.312	0.419
4A-5A(LAT)	ReCheek	0.122	0.071	0.193
	ReTilt	0.083	0.041	0.123
	LeCheek	0.174	0.046	0.220
	LeTilt	0.107	0.025	0.132
4A-12A(UAT)	ReCheek	0.122	0.361	0.483
	ReTilt	0.083	0.237	0.320
	LeCheek	0.174	0.269	0.443
	LeTilt	0.107	0.174	0.280
4A-12A(LAT)	ReCheek	0.122	0.086	0.208
	ReTilt	0.083	0.032	0.115
	LeCheek	0.174	0.045	0.218
	LeTilt	0.107	0.012	0.119
12A(UAT)-66A	ReCheek	0.361	0.122	0.483
	ReTilt	0.237	0.083	0.320
	LeCheek	0.269	0.174	0.443
	LeTilt	0.174	0.107	0.280
12A(LAT)-66A	ReCheek	0.086	0.122	0.208
	ReTilt	0.032	0.083	0.115
	LeCheek	0.045	0.174	0.218
	LeTilt	0.012	0.107	0.119

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Body-worn

The simultaneous body-worn exposure conditions for LTE Inter band

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.430
	Back side	0.313	0.123	0.437
2A-5A(LAT)	Front side	0.267	0.113	0.381
	Back side	0.313	0.186	0.499
2A-12A(UAT)	Front side	0.267	0.091	0.359
	Back side	0.313	0.071	0.384
2A-12A(LAT)	Front side	0.267	0.055	0.322
	Back side	0.313	0.159	0.473
4A-5A(UAT)	Front side	0.122	0.162	0.285
	Back side	0.137	0.123	0.260
4A-5A(LAT)	Front side	0.122	0.113	0.235
	Back side	0.137	0.186	0.323
4A-12A(UAT)	Front side	0.122	0.091	0.213
	Back side	0.137	0.071	0.208
4A-12A(LAT)	Front side	0.122	0.055	0.177
	Back side	0.137	0.159	0.296
12A(UAT)-66A	Front side	0.091	0.122	0.213
	Back side	0.071	0.137	0.208
12A(LAT)-66A	Front side	0.055	0.122	0.177
	Back side	0.159	0.137	0.296

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with WLAN SISO_Head+Body

Calling_Head

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	ReCheek	0.116	0.516	0.225	0.196	0.252	0.175	0.195	0.050	0.856	1.022	1.078	0.933	1.001	0.856
	ReTilt	0.068	0.324	0.103	0.060	0.132	0.072	0.073	0.023	0.495	0.525	0.597	0.548	0.537	0.488
	LeCheek	0.173	0.369	0.466	0.082	0.466	0.093	0.235	0.030	1.008	0.859	1.243	1.038	0.870	0.664
	LeTilt	0.077	0.312	0.213	0.045	0.192	0.043	0.091	0.015	0.603	0.526	0.673	0.597	0.524	0.447
2A-5A(LAT)	ReCheek	0.116	0.071	0.225	0.196	0.252	0.175	0.195	0.050	0.412	0.578	0.633	0.489	0.557	0.412
	ReTilt	0.068	0.041	0.103	0.060	0.132	0.072	0.073	0.023	0.212	0.242	0.314	0.264	0.254	0.204
	LeCheek	0.173	0.046	0.466	0.082	0.466	0.093	0.235	0.030	0.685	0.536	0.920	0.714	0.546	0.341
	LeTilt	0.077	0.025	0.213	0.045	0.192	0.043	0.091	0.015	0.316	0.239	0.387	0.310	0.237	0.161
2A-12A(UAT)	ReCheek	0.116	0.361	0.225	0.196	0.252	0.175	0.195	0.050	0.702	0.868	0.924	0.779	0.847	0.702
	ReTilt	0.068	0.237	0.103	0.060	0.132	0.072	0.073	0.023	0.408	0.439	0.510	0.461	0.450	0.401
	LeCheek	0.173	0.269	0.466	0.082	0.466	0.093	0.235	0.030	0.909	0.759	1.143	0.938	0.770	0.564
	LeTilt	0.077	0.174	0.213	0.045	0.192	0.043	0.091	0.015	0.464	0.387	0.535	0.459	0.385	0.309
2A-12A(LAT)	ReCheek	0.116	0.086	0.225	0.196	0.252	0.175	0.195	0.050	0.426	0.593	0.648	0.503	0.571	0.427
	ReTilt	0.068	0.032	0.103	0.060	0.132	0.072	0.073	0.023	0.204	0.234	0.306	0.256	0.246	0.196
	LeCheek	0.173	0.045	0.466	0.082	0.466	0.093	0.235	0.030	0.684	0.534	0.919	0.713	0.545	0.340
	LeTilt	0.077	0.012	0.213	0.045	0.192	0.043	0.091	0.015	0.303	0.226	0.374	0.297	0.224	0.148
4A-5A(UAT)	ReCheek	0.122	0.516	0.225	0.196	0.252	0.175	0.195	0.050	0.862	1.028	1.084	0.939	1.007	0.862
	ReTilt	0.083	0.324	0.103	0.060	0.132	0.072	0.073	0.023	0.510	0.540	0.612	0.562	0.552	0.503
	LeCheek	0.174	0.369	0.466	0.082	0.466	0.093	0.235	0.030	1.010	0.860	1.244	1.039	0.871	0.665
	LeTilt	0.107	0.312	0.213	0.045	0.192	0.043	0.091	0.015	0.632	0.555	0.702	0.626	0.553	0.477
4A-5A(LAT)	ReCheek	0.122	0.071	0.225	0.196	0.252	0.175	0.195	0.050	0.418	0.584	0.639	0.494	0.562	0.418
	ReTilt	0.083	0.041	0.103	0.060	0.132	0.072	0.073	0.023	0.227	0.257	0.329	0.279	0.269	0.219
	LeCheek	0.174	0.046	0.466	0.082	0.466	0.093	0.235	0.030	0.686	0.537	0.921	0.715	0.547	0.342
	LeTilt	0.107	0.025	0.213	0.045	0.192	0.043	0.091	0.015	0.346	0.269	0.416	0.340	0.267	0.190
4A-12A(UAT)	ReCheek	0.122	0.361	0.225	0.196	0.252	0.175	0.195	0.050	0.708	0.874	0.929	0.785	0.853	0.708
	ReTilt	0.083	0.237	0.103	0.060	0.132	0.072	0.073	0.023	0.423	0.453	0.525	0.476	0.465	0.416
	LeCheek	0.174	0.269	0.466	0.082	0.466	0.093	0.235	0.030	0.910	0.760	1.145	0.939	0.771	0.565
	LeTilt	0.107	0.174	0.213	0.045	0.192	0.043	0.091	0.015	0.494	0.417	0.564	0.488	0.415	0.339
4A-12A(LAT)	ReCheek	0.122	0.086	0.225	0.196	0.252	0.175	0.195	0.050	0.432	0.598	0.654	0.509	0.577	0.432
	ReTilt	0.083	0.032	0.103	0.060	0.132	0.072	0.073	0.023	0.218	0.249	0.321	0.271	0.261	0.211
	LeCheek	0.174	0.045	0.466	0.082	0.466	0.093	0.235	0.030	0.685	0.535	0.920	0.714	0.546	0.341
	LeTilt	0.107	0.012	0.213	0.045	0.192	0.043	0.091	0.015	0.333	0.256	0.403	0.327	0.254	0.177
12A(UAT)-66A	ReCheek	0.361	0.122	0.225	0.196	0.252	0.175	0.195	0.050	0.708	0.874	0.929	0.785	0.853	0.708
	ReTilt	0.237	0.083	0.103	0.060	0.132	0.072	0.073	0.023	0.423	0.453	0.525	0.476	0.465	0.416
	LeCheek	0.269	0.174	0.466	0.082	0.466	0.093	0.235	0.030	0.910	0.760	1.145	0.939	0.771	0.565
	LeTilt	0.174	0.107	0.213	0.045	0.192	0.043	0.091	0.015	0.494	0.417	0.564	0.488	0.415	0.339
12A(LAT)-66A	ReCheek	0.086	0.122	0.225	0.196	0.252	0.175	0.195	0.050	0.432	0.598	0.654	0.509	0.577	0.432
	ReTilt	0.032	0.083	0.103	0.060	0.132	0.072	0.073	0.023	0.218	0.249	0.321	0.271	0.261	0.211
	LeCheek	0.045	0.174	0.466	0.082	0.466	0.093	0.235	0.030	0.685	0.535	0.920	0.714	0.546	0.341
	LeTilt	0.012	0.107	0.213	0.045	0.192	0.043	0.091	0.015	0.333	0.256	0.403	0.327	0.254	0.177

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Calling_Body-worn

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.450	0.437	0.493	0.492	0.525	0.524
	Back side	0.313	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.511	0.479	0.530	0.520	0.669	0.659
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.401	0.388	0.444	0.443	0.476	0.474
	Back side	0.313	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.574	0.541	0.593	0.582	0.732	0.721
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.379	0.366	0.422	0.421	0.454	0.453
	Back side	0.313	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.459	0.427	0.478	0.468	0.617	0.607
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.343	0.329	0.386	0.385	0.417	0.416
	Back side	0.313	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.547	0.515	0.566	0.556	0.705	0.695
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.305	0.292	0.348	0.347	0.380	0.379
	Back side	0.137	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.335	0.303	0.354	0.343	0.493	0.483
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.256	0.242	0.299	0.298	0.330	0.329
	Back side	0.137	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.398	0.365	0.417	0.406	0.556	0.545
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.234	0.221	0.277	0.276	0.308	0.307
	Back side	0.137	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.283	0.250	0.302	0.291	0.441	0.431
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.197	0.184	0.240	0.239	0.272	0.271
	Back side	0.137	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.371	0.339	0.390	0.379	0.529	0.519
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.234	0.221	0.277	0.276	0.308	0.307
	Back side	0.071	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.283	0.250	0.302	0.291	0.441	0.431
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.197	0.184	0.240	0.239	0.272	0.271
	Back side	0.159	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.371	0.339	0.390	0.379	0.529	0.519

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Calling_Hotspot

The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.043	0.069	0.224	0.006	0.012	0.486	0.485	0.511	0.517	0.666	0.672
	Back side	0.303	0.123	0.154	0.062	0.114	0.466	0.039	0.016	0.580	0.527	0.578	0.556	0.931	0.908
	Top side	0.001	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.186	0.144	0.165	0.164	0.316	0.314
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.743	0.744	0.745	0.745	0.798	0.798
	Right side	0.006	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.082	0.077	0.117	0.116	0.118	0.117
	Left side	0.143	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.251	0.238	0.229	0.220	0.332	0.323
2A-5A(LAT)	Front side	0.274	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.574	0.573	0.599	0.606	0.754	0.761
	Back side	0.303	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.690	0.637	0.688	0.666	1.041	1.018
	Top side	0.001	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.087	0.045	0.066	0.065	0.217	0.215
	Bottom side	0.741	0.214	0.001	0.001	0.002	0.055	0.001	0.001	0.956	0.957	0.958	0.958	1.011	1.011
	Right side	0.006	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.180	0.175	0.215	0.214	0.216	0.215
	Left side	0.143	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.237	0.224	0.215	0.206	0.318	0.309
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.043	0.069	0.224	0.006	0.012	0.414	0.413	0.439	0.446	0.594	0.601
	Back side	0.303	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.528	0.475	0.526	0.504	0.878	0.856
	Top side	0.001	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.146	0.104	0.126	0.124	0.276	0.275
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.744	0.745	0.746	0.746	0.798	0.798
	Right side	0.006	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.068	0.063	0.103	0.102	0.104	0.103
	Left side	0.143	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.203	0.190	0.181	0.172	0.284	0.275
2A-12A(LAT)	Front side	0.274	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.472	0.471	0.497	0.503	0.652	0.659
	Back side	0.303	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.579	0.526	0.577	0.555	0.930	0.907
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.085	0.043	0.064	0.063	0.215	0.213
	Bottom side	0.741	0.113	0.001	0.001	0.002	0.055	0.001	0.001	0.855	0.856	0.857	0.857	0.910	0.910
	Right side	0.006	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.019	0.014	0.054	0.053	0.055	0.054
	Left side	0.143	0.002	0.056	0.026	0.017	0.120	0.017	0.008	0.201	0.188	0.180	0.171	0.293	0.273
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.043	0.069	0.224	0.006	0.012	0.385	0.384	0.410	0.417	0.565	0.572
	Back side	0.247	0.123	0.154	0.062	0.114	0.466	0.039	0.016	0.524	0.471	0.522	0.500	0.875	0.853
	Top side	0.004	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.189	0.147	0.168	0.167	0.319	0.318
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.736	0.737	0.738	0.738	0.790	0.790
	Right side	0.052	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.128	0.123	0.163	0.162	0.164	0.163
	Left side	0.092	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.199	0.186	0.178	0.169	0.281	0.272
4A-5A(LAT)	Front side	0.173	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.474	0.473	0.499	0.506	0.654	0.661
	Back side	0.247	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.634	0.581	0.632	0.610	0.985	0.963
	Top side	0.004	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.090	0.048	0.070	0.068	0.220	0.219
	Bottom side	0.734	0.214	0.001	0.001	0.002	0.055	0.001	0.001	0.949	0.950	0.951	0.951	1.003	1.003
	Right side	0.052	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.225	0.221	0.261	0.260	0.262	0.260
	Left side	0.092	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.185	0.172	0.164	0.155	0.267	0.258
4A-12A(UAT)	Front side	0.173	0.091	0.050	0.043	0.069	0.224	0.006	0.012	0.314	0.313	0.339	0.346	0.494	0.501
	Back side	0.247	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.472	0.419	0.470	0.448	0.823	0.800
	Top side	0.004	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.150	0.107	0.129	0.127	0.279	0.278
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.736	0.737	0.738	0.738	0.791	0.791
	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.114	0.109	0.149	0.148	0.150	0.149
	Left side	0.092	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.151	0.138	0.130	0.121	0.233	0.224
4A-12A(LAT)	Front side	0.173	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.372	0.370	0.396	0.403	0.552	0.558
	Back side	0.247	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.523	0.470	0.521	0.499	0.874	0.852
	Top side	0.004	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.088	0.046	0.068	0.066	0.218	0.217
	Bottom side	0.734	0.113	0.001	0.001	0.002	0.055	0.001	0.001	0.848	0.849	0.850	0.850	0.902	0.902
	Right side	0.052	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.064	0.059	0.100	0.098	0.100	0.099
	Left side	0.092	0.002	0.056	0.026	0.017	0.120	0.017	0.008	0.150	0.137	0.129	0.119	0.231	0.222
12A(UAT)-66A	Front side	0.091	0.173	0.050	0.043	0.069	0.224	0.006	0.012	0.314	0.313	0.339	0.346	0.494	0.501
	Back side	0.071	0.247	0.154	0.062	0.114	0.466	0.039	0.016	0.472	0.419	0.470	0.448	0.823	0.800
	Top side	0.062	0.004	0.083	0.031	0.053	0.203	0.010	0.009	0.150	0.107	0.129	0.127	0.279	0.278
	Bottom side	0.001	0.734	0.001	0.001	0.002	0.055	0.001	0.001	0.736	0.737	0.738	0.738	0.791	0.791
	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.114	0.109	0.149	0.148	0.150	0.149
	Left side	0.004	0.092	0.056	0.026	0.017	0.120	0.017	0.008	0.151	0.138	0.130	0.121	0.233	0.224
12A(LAT)-66A	Front side	0.149	0.173	0.050	0.043	0.069	0.224	0.006	0.012	0.372	0.370	0.396	0.403	0.552	0.558
	Back side	0.122	0.247	0.154	0.062	0.114	0.466	0.039	0.016	0.523	0.470	0.521	0.499	0.874	0.852
	Top side	0.001	0.004	0.083	0.031	0.053	0.203	0.010	0.009	0.088	0.046	0.068	0.066	0.218	0.217
	Bottom side	0.113	0.734	0.001	0.001	0.002	0.055	0.001	0.001	0.848	0.849	0.850	0.850	0.902	0.902
	Right side	0.002	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.064	0.059	0.100	0.098	0.100	0.099
	Left side	0.002	0.092	0.056	0.026	0.017	0.120	0.017	0.008	0.150	0.137	0.129	0.119	0.231	0.222

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Camera_Body-worn

The simultaneous body-worn exposure conditions for WLAN(Camera mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.009	0.001	0.035	0.051	0.003	0.016	0.439	0.434	0.467	0.481	0.484	0.497
	Back side	0.313	0.123	0.030	0.048	0.354	0.243	0.017	0.169	0.467	0.502	0.807	0.959	0.697	0.849
2A-5A(LAT)	Front side	0.267	0.113	0.009	0.001	0.035	0.051	0.003	0.016	0.390	0.385	0.418	0.431	0.435	0.448
	Back side	0.313	0.186	0.030	0.048	0.354	0.243	0.017	0.169	0.530	0.564	0.870	1.022	0.759	0.911
2A-12A(UAT)	Front side	0.267	0.091	0.009	0.001	0.035	0.051	0.003	0.016	0.368	0.363	0.396	0.409	0.413	0.426
	Back side	0.313	0.071	0.030	0.048	0.354	0.243	0.017	0.169	0.415	0.449	0.755	0.907	0.645	0.797
2A-12A(LAT)	Front side	0.267	0.055	0.009	0.001	0.035	0.051	0.003	0.016	0.332	0.326	0.359	0.373	0.376	0.390
	Back side	0.313	0.159	0.030	0.048	0.354	0.243	0.017	0.169	0.503	0.538	0.843	0.995	0.733	0.885
4A-5A(UAT)	Front side	0.122	0.162	0.009	0.001	0.035	0.051	0.003	0.016	0.294	0.289	0.322	0.335	0.339	0.352
	Back side	0.137	0.123	0.030	0.048	0.354	0.243	0.017	0.169	0.291	0.325	0.631	0.783	0.521	0.672
4A-5A(LAT)	Front side	0.122	0.113	0.009	0.001	0.035	0.051	0.003	0.016	0.244	0.239	0.272	0.286	0.289	0.302
	Back side	0.137	0.186	0.030	0.048	0.354	0.243	0.017	0.169	0.353	0.388	0.694	0.846	0.583	0.735
4A-12A(UAT)	Front side	0.122	0.091	0.009	0.001	0.035	0.051	0.003	0.016	0.223	0.217	0.251	0.264	0.267	0.281
	Back side	0.137	0.071	0.030	0.048	0.354	0.243	0.017	0.169	0.239	0.273	0.579	0.731	0.469	0.620
4A-12A(LAT)	Front side	0.122	0.055	0.009	0.001	0.035	0.051	0.003	0.016	0.186	0.181	0.214	0.227	0.231	0.244
	Back side	0.137	0.159	0.030	0.048	0.354	0.243	0.017	0.169	0.327	0.361	0.667	0.819	0.557	0.709
12A(UAT)-66A	Front side	0.091	0.122	0.009	0.001	0.035	0.051	0.003	0.016	0.223	0.217	0.251	0.264	0.267	0.281
	Back side	0.071	0.137	0.030	0.048	0.354	0.243	0.017	0.169	0.239	0.273	0.579	0.731	0.469	0.620
12A(LAT)-66A	Front side	0.055	0.122	0.009	0.001	0.035	0.051	0.003	0.016	0.186	0.181	0.214	0.227	0.231	0.244
	Back side	0.159	0.137	0.030	0.048	0.354	0.243	0.017	0.169	0.327	0.361	0.667	0.819	0.557	0.709

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Camera_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.266	0.160	0.035	0.011	0.077	0.054	0.006	0.026	0.461	0.443	0.508	0.529	0.486	0.506
	Back side	0.305	0.123	0.090	0.032	0.459	0.429	0.087	0.076	0.518	0.547	0.974	0.963	0.944	0.933
	Top side	0.001	0.115	0.073	0.001	0.084	0.003	0.072	0.001	0.189	0.190	0.273	0.201	0.192	0.120
	Bottom side	1.035	0.001	0.001	0.006	0.001	0.102	0.001	0.020	1.037	1.043	1.038	1.057	1.139	1.158
	Right side	0.017	0.062	0.002	0.002	0.019	0.043	0.003	0.004	0.081	0.085	0.102	0.102	0.126	0.126
	Left side	0.202	0.086	0.026	0.007	0.073	0.013	0.058	0.016	0.314	0.353	0.419	0.377	0.359	0.317
2A-5A(LAT)	Front side	0.266	0.241	0.035	0.011	0.077	0.054	0.006	0.026	0.541	0.523	0.588	0.609	0.566	0.586
	Back side	0.305	0.232	0.090	0.032	0.459	0.429	0.087	0.076	0.626	0.655	1.083	1.071	1.052	1.041
	Top side	0.001	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.078	0.160	0.089	0.080	0.008
	Bottom side	1.035	0.209	0.001	0.006	0.001	0.102	0.001	0.020	1.245	1.251	1.247	1.266	1.347	1.366
	Right side	0.017	0.168	0.002	0.002	0.019	0.043	0.003	0.004	0.187	0.191	0.208	0.208	0.232	0.232
	Left side	0.202	0.031	0.026	0.007	0.073	0.013	0.058	0.016	0.259	0.299	0.364	0.322	0.304	0.262
2A-12A(UAT)	Front side	0.266	0.091	0.035	0.011	0.077	0.054	0.006	0.026	0.392	0.374	0.439	0.459	0.416	0.437
	Back side	0.305	0.071	0.090	0.032	0.459	0.429	0.087	0.076	0.465	0.495	0.922	0.911	0.892	0.880
	Top side	0.001	0.062	0.073	0.001	0.084	0.003	0.072	0.001	0.136	0.137	0.220	0.148	0.139	0.067
	Bottom side	1.035	0.001	0.001	0.006	0.001	0.102	0.001	0.020	1.037	1.043	1.038	1.058	1.139	1.158
	Right side	0.017	0.052	0.002	0.002	0.019	0.043	0.003	0.004	0.070	0.074	0.091	0.091	0.115	0.115
	Left side	0.202	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.232	0.271	0.336	0.295	0.277	0.235
2A-12A(LAT)	Front side	0.266	0.158	0.035	0.011	0.077	0.054	0.006	0.026	0.458	0.440	0.506	0.526	0.483	0.503
	Back side	0.305	0.136	0.090	0.032	0.459	0.429	0.087	0.076	0.530	0.560	0.987	0.975	0.956	0.945
	Top side	0.001	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.075	0.075	0.158	0.087	0.077	0.006
	Bottom side	1.035	0.105	0.001	0.006	0.001	0.102	0.001	0.020	1.141	1.147	1.143	1.162	1.243	1.262
	Right side	0.017	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.020	0.023	0.040	0.041	0.064	0.065
	Left side	0.202	0.002	0.026	0.007	0.073	0.013	0.058	0.016	0.230	0.270	0.335	0.293	0.275	0.233
4A-5A(UAT)	Front side	0.211	0.160	0.035	0.011	0.077	0.054	0.006	0.026	0.407	0.389	0.454	0.475	0.431	0.452
	Back side	0.306	0.123	0.090	0.032	0.459	0.429	0.087	0.076	0.519	0.548	0.975	0.964	0.945	0.934
	Top side	0.003	0.115	0.073	0.001	0.084	0.003	0.072	0.001	0.191	0.192	0.275	0.203	0.194	0.123
	Bottom side	0.933	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.935	0.941	0.936	0.955	1.036	1.056
	Right side	0.066	0.062	0.002	0.002	0.019	0.043	0.003	0.004	0.130	0.134	0.151	0.151	0.175	0.175
	Left side	0.119	0.086	0.026	0.007	0.073	0.013	0.058	0.016	0.231	0.270	0.336	0.294	0.276	0.234
4A-5A(LAT)	Front side	0.211	0.241	0.035	0.011	0.077	0.054	0.006	0.026	0.487	0.469	0.534	0.555	0.512	0.532
	Back side	0.306	0.232	0.090	0.032	0.459	0.429	0.087	0.076	0.627	0.656	1.084	1.072	1.053	1.042
	Top side	0.003	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.079	0.080	0.163	0.091	0.082	0.010
	Bottom side	0.933	0.209	0.001	0.006	0.001	0.102	0.001	0.020	1.143	1.149	1.144	1.163	1.245	1.264
	Right side	0.066	0.168	0.002	0.002	0.019	0.043	0.003	0.004	0.236	0.240	0.257	0.257	0.281	0.281
	Left side	0.119	0.031	0.026	0.007	0.073	0.013	0.058	0.016	0.176	0.216	0.281	0.239	0.221	0.179
4A-12A(UAT)	Front side	0.211	0.091	0.035	0.011	0.077	0.054	0.006	0.026	0.338	0.319	0.385	0.405	0.362	0.383
	Back side	0.306	0.071	0.090	0.032	0.459	0.429	0.087	0.076	0.466	0.496	0.923	0.912	0.893	0.881
	Top side	0.003	0.062	0.073	0.001	0.084	0.003	0.072	0.001	0.138	0.139	0.222	0.150	0.141	0.069
	Bottom side	0.933	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.935	0.941	0.936	0.955	1.037	1.056
	Right side	0.066	0.052	0.002	0.002	0.019	0.043	0.003	0.004	0.119	0.123	0.140	0.140	0.164	0.164
	Left side	0.119	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.148	0.188	0.253	0.211	0.194	0.152
4A-12A(LAT)	Front side	0.211	0.158	0.035	0.011	0.077	0.054	0.006	0.026	0.404	0.386	0.452	0.472	0.429	0.449
	Back side	0.306	0.136	0.090	0.032	0.459	0.429	0.087	0.076	0.531	0.561	0.988	0.976	0.957	0.946
	Top side	0.003	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.078	0.161	0.089	0.080	0.008
	Bottom side	0.933	0.105	0.001	0.006	0.001	0.102	0.001	0.020	1.039	1.045	1.040	1.059	1.141	1.160
	Right side	0.066	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.069	0.073	0.089	0.090	0.113	0.114
	Left side	0.119	0.002	0.026	0.007	0.073	0.013	0.058	0.016	0.147	0.186	0.252	0.210	0.192	0.150
12A(UAT)-66A	Front side	0.091	0.211	0.035	0.011	0.077	0.054	0.006	0.026	0.338	0.319	0.385	0.405	0.362	0.383
	Back side	0.071	0.306	0.090	0.032	0.459	0.429	0.087	0.076	0.466	0.496	0.923	0.912	0.893	0.881
	Top side	0.062	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.138	0.139	0.222	0.150	0.141	0.069
	Bottom side	0.001	0.933	0.001	0.006	0.001	0.102	0.001	0.020	0.935	0.941	0.936	0.955	1.037	1.056
	Right side	0.052	0.066	0.002	0.002	0.019	0.043	0.003	0.004	0.119	0.123	0.140	0.140	0.164	0.164
	Left side	0.004	0.119	0.026	0.007	0.073	0.013	0.058	0.016	0.148	0.188	0.253	0.211	0.194	0.152
12A(LAT)-66A	Front side	0.158	0.211	0.035	0.011	0.077	0.054	0.006	0.026	0.404	0.386	0.452	0.472	0.429	0.449
	Back side	0.136	0.306	0.090	0.032	0.459	0.429	0.087	0.076	0.531	0.561	0.988	0.976	0.957	0.946
	Top side	0.001	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.078	0.161	0.089	0.080	0.008
	Bottom side	0.105	0.933	0.001	0.006	0.001	0.102	0.001	0.020	1.039	1.045	1.040	1.059	1.141	1.160
	Right side	0.001	0.066	0.002	0.002	0.019	0.043	0.003	0.004	0.069	0.073	0.089	0.090	0.113	0.114
	Left side	0.002	0.119	0.026	0.007	0.073	0.013	0.058	0.016	0.147	0.186	0.252	0.210	0.192	0.150

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Normal_Landscape_Body

The simultaneous body-worn exposure conditions for WLAN(normal landscape mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.001	0.061	0.051	0.002	0.016	0.450	0.433	0.493	0.507	0.483	0.497
	Back side	0.313	0.123	0.075	0.048	0.080	0.243	0.014	0.169	0.511	0.498	0.530	0.685	0.693	0.849
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.001	0.061	0.051	0.002	0.016	0.401	0.384	0.444	0.458	0.434	0.448
	Back side	0.313	0.186	0.075	0.048	0.080	0.243	0.014	0.169	0.574	0.561	0.593	0.748	0.756	0.911
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.001	0.061	0.051	0.002	0.016	0.379	0.362	0.422	0.436	0.412	0.426
	Back side	0.313	0.071	0.075	0.048	0.080	0.243	0.014	0.169	0.459	0.446	0.478	0.633	0.641	0.797
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.001	0.061	0.051	0.002	0.016	0.343	0.326	0.386	0.400	0.376	0.390
	Back side	0.313	0.159	0.075	0.048	0.080	0.243	0.014	0.169	0.547	0.534	0.566	0.721	0.729	0.885
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.001	0.061	0.051	0.002	0.016	0.305	0.288	0.348	0.362	0.338	0.352
	Back side	0.137	0.123	0.075	0.048	0.080	0.243	0.014	0.169	0.335	0.322	0.354	0.509	0.517	0.672
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.001	0.061	0.051	0.002	0.016	0.256	0.239	0.299	0.313	0.289	0.302
	Back side	0.137	0.186	0.075	0.048	0.080	0.243	0.014	0.169	0.398	0.385	0.417	0.572	0.580	0.735
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.001	0.061	0.051	0.002	0.016	0.234	0.217	0.277	0.291	0.267	0.281
	Back side	0.137	0.071	0.075	0.048	0.080	0.243	0.014	0.169	0.283	0.270	0.302	0.457	0.465	0.620
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.001	0.061	0.051	0.002	0.016	0.197	0.180	0.240	0.254	0.230	0.244
	Back side	0.137	0.159	0.075	0.048	0.080	0.243	0.014	0.169	0.371	0.358	0.390	0.545	0.553	0.709
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.001	0.061	0.051	0.002	0.016	0.234	0.217	0.277	0.291	0.267	0.281
	Back side	0.071	0.137	0.075	0.048	0.080	0.243	0.014	0.169	0.283	0.270	0.302	0.457	0.465	0.620
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.001	0.061	0.051	0.002	0.016	0.197	0.180	0.240	0.254	0.230	0.244
	Back side	0.159	0.137	0.075	0.048	0.080	0.243	0.014	0.169	0.371	0.358	0.390	0.545	0.553	0.709

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Normal_Landscape_Hotspot

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.486	0.453	0.511	0.531	0.496	0.516
	Back side	0.303	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.580	0.496	0.578	0.615	0.893	0.930
	Top side	0.001	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.186	0.114	0.165	0.156	0.116	0.107
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.743	0.749	0.745	0.764	0.845	0.864
	Right side	0.006	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.082	0.076	0.117	0.119	0.117	0.119
2A-5A(LAT)	Left side	0.143	0.052	0.056	0.007	0.017	0.013	0.017	0.016	0.251	0.220	0.229	0.228	0.225	0.224
	Front side	0.274	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.574	0.542	0.599	0.620	0.585	0.605
	Back side	0.303	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.690	0.606	0.688	0.725	1.003	1.040
	Top side	0.001	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.015	0.066	0.058	0.017	0.008
	Bottom side	0.741	0.214	0.001	0.006	0.002	0.102	0.001	0.020	0.956	0.962	0.958	0.977	1.058	1.077
2A-12A(UAT)	Right side	0.006	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.180	0.174	0.215	0.217	0.215	0.217
	Left side	0.143	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.237	0.205	0.215	0.214	0.211	0.210
	Front side	0.274	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.414	0.382	0.439	0.460	0.424	0.445
	Back side	0.303	0.071	0.154	0.032	0.114	0.429	0.039	0.076	0.528	0.444	0.526	0.563	0.841	0.878
	Top side	0.001	0.062	0.083	0.001	0.053	0.003	0.010	0.001	0.146	0.074	0.126	0.117	0.076	0.067
2A-12A(LAT)	Bottom side	0.741	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.744	0.749	0.746	0.765	0.845	0.864
	Right side	0.006	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.068	0.062	0.103	0.105	0.103	0.105
	Left side	0.143	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.203	0.171	0.181	0.180	0.177	0.176
	Front side	0.274	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.472	0.439	0.497	0.517	0.482	0.502
	Back side	0.303	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.579	0.495	0.577	0.614	0.892	0.929
4A-5A(UAT)	Top side	0.001	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.085	0.013	0.064	0.056	0.015	0.006
	Bottom side	0.741	0.113	0.001	0.006	0.002	0.102	0.001	0.020	0.855	0.861	0.857	0.877	0.957	0.976
	Right side	0.006	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.019	0.013	0.054	0.056	0.054	0.055
	Left side	0.143	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.201	0.170	0.180	0.179	0.176	0.174
	Front side	0.173	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.385	0.353	0.410	0.431	0.395	0.416
4A-5A(LAT)	Back side	0.247	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.524	0.440	0.522	0.559	0.837	0.874
	Top side	0.004	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.189	0.117	0.168	0.160	0.119	0.110
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.736	0.742	0.738	0.757	0.837	0.857
	Right side	0.052	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.128	0.122	0.163	0.165	0.163	0.165
	Left side	0.092	0.052	0.056	0.007	0.017	0.013	0.017	0.016	0.199	0.168	0.178	0.177	0.174	0.172
4A-12A(UAT)	Front side	0.173	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.474	0.441	0.499	0.519	0.484	0.504
	Back side	0.247	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.634	0.550	0.632	0.669	0.947	0.984
	Top side	0.004	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.090	0.018	0.070	0.061	0.020	0.011
	Bottom side	0.734	0.214	0.001	0.006	0.002	0.102	0.001	0.020	0.949	0.954	0.951	0.970	1.050	1.070
	Right side	0.052	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.225	0.220	0.261	0.262	0.261	0.262
4A-12A(LAT)	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.185	0.154	0.164	0.163	0.160	0.158
	Front side	0.173	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.314	0.281	0.339	0.359	0.324	0.344
	Back side	0.247	0.071	0.154	0.032	0.114	0.429	0.039	0.076	0.472	0.388	0.470	0.507	0.785	0.822
	Top side	0.004	0.062	0.083	0.001	0.053	0.003	0.010	0.001	0.150	0.077	0.129	0.120	0.079	0.070
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.736	0.742	0.738	0.757	0.838	0.857
12A(UAT)-66A	Right side	0.052	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.114	0.108	0.149	0.151	0.149	0.150
	Left side	0.092	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.151	0.120	0.130	0.129	0.126	0.124
	Front side	0.173	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.372	0.339	0.396	0.417	0.382	0.402
	Back side	0.247	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.523	0.439	0.521	0.558	0.836	0.873
	Top side	0.004	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.088	0.016	0.068	0.059	0.018	0.009
12A(LAT)-66A	Bottom side	0.734	0.113	0.001	0.006	0.002	0.102	0.001	0.020	0.848	0.854	0.850	0.869	0.949	0.969
	Right side	0.052	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.064	0.059	0.100	0.101	0.099	0.101
	Left side	0.092	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.150	0.119	0.129	0.127	0.124	0.123
	Front side	0.091	0.173	0.050	0.011	0.069	0.054	0.006	0.026	0.314	0.281	0.339	0.359	0.324	0.344
	Back side	0.071	0.247	0.154	0.032	0.114	0.429	0.039	0.076	0.472	0.388	0.470	0.507	0.785	0.822

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Gaming_Body

The simultaneous body-worn exposure conditions for WLAN(Gaming mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.001	0.061	0.083	0.002	0.016	0.450	0.433	0.493	0.507	0.515	0.529
	Back side	0.313	0.123	0.075	0.048	0.080	0.451	0.014	0.169	0.511	0.498	0.530	0.685	0.901	1.056
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.001	0.061	0.083	0.002	0.016	0.401	0.384	0.444	0.458	0.466	0.480
	Back side	0.313	0.186	0.075	0.048	0.080	0.451	0.014	0.169	0.574	0.561	0.593	0.748	0.964	1.119
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.001	0.061	0.083	0.002	0.016	0.379	0.362	0.422	0.436	0.444	0.458
	Back side	0.313	0.071	0.075	0.048	0.080	0.451	0.014	0.169	0.459	0.446	0.478	0.633	0.849	1.004
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.001	0.061	0.083	0.002	0.016	0.343	0.326	0.386	0.400	0.407	0.421
	Back side	0.313	0.159	0.075	0.048	0.080	0.451	0.014	0.169	0.547	0.534	0.566	0.721	0.937	1.092
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.001	0.061	0.083	0.002	0.016	0.305	0.288	0.348	0.362	0.370	0.384
	Back side	0.137	0.123	0.075	0.048	0.080	0.451	0.014	0.169	0.335	0.322	0.354	0.509	0.725	0.880
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.001	0.061	0.083	0.002	0.016	0.256	0.239	0.299	0.313	0.320	0.334
	Back side	0.137	0.186	0.075	0.048	0.080	0.451	0.014	0.169	0.398	0.385	0.417	0.572	0.788	0.943
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.001	0.061	0.083	0.002	0.016	0.234	0.217	0.277	0.291	0.298	0.312
	Back side	0.137	0.071	0.075	0.048	0.080	0.451	0.014	0.169	0.283	0.270	0.302	0.457	0.673	0.828
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.001	0.061	0.083	0.002	0.016	0.197	0.180	0.240	0.254	0.262	0.276
	Back side	0.137	0.159	0.075	0.048	0.080	0.451	0.014	0.169	0.371	0.358	0.390	0.545	0.761	0.916
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.001	0.061	0.083	0.002	0.016	0.234	0.217	0.277	0.291	0.298	0.312
	Back side	0.071	0.137	0.075	0.048	0.080	0.451	0.014	0.169	0.283	0.270	0.302	0.457	0.673	0.828
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.001	0.061	0.083	0.002	0.016	0.197	0.180	0.240	0.254	0.262	0.276
	Back side	0.159	0.137	0.075	0.048	0.080	0.451	0.014	0.169	0.371	0.358	0.390	0.545	0.761	0.916

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Gaming_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.486	0.453	0.511	0.531	0.564	0.584
	Back side	0.303	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.580	0.496	0.578	0.615	1.065	1.102
	Top side	0.001	0.102	0.083	0.001	0.053	0.029	0.010	0.001	0.186	0.114	0.165	0.156	0.141	0.133
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.743	0.749	0.745	0.764	0.767	0.787
	Right side	0.006	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.076	0.117	0.119	0.164	0.165
	Left side	0.143	0.052	0.056	0.007	0.017	0.003	0.017	0.016	0.251	0.220	0.229	0.228	0.216	0.214
2A-5A(LAT)	Front side	0.274	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.499	0.466	0.524	0.544	0.577	0.597
	Back side	0.303	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.620	0.537	0.619	0.656	1.106	1.143
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.013	0.064	0.056	0.040	0.032
	Bottom side	0.741	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.875	0.881	0.877	0.896	0.899	0.918
	Right side	0.006	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.138	0.132	0.173	0.175	0.219	0.221
	Left side	0.143	0.022	0.056	0.007	0.017	0.003	0.017	0.016	0.221	0.190	0.200	0.199	0.186	0.185
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.414	0.382	0.439	0.460	0.492	0.513
	Back side	0.303	0.071	0.154	0.032	0.114	0.601	0.039	0.076	0.528	0.444	0.526	0.563	1.013	1.050
	Top side	0.001	0.062	0.083	0.001	0.053	0.029	0.010	0.001	0.146	0.074	0.126	0.117	0.102	0.093
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.744	0.749	0.746	0.765	0.768	0.787
	Right side	0.006	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.068	0.062	0.103	0.105	0.149	0.151
	Left side	0.143	0.004	0.056	0.007	0.017	0.003	0.017	0.016	0.203	0.171	0.181	0.180	0.168	0.166
2A-12A(LAT)	Front side	0.274	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.551	0.518	0.576	0.596	0.629	0.649
	Back side	0.303	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.673	0.589	0.671	0.708	1.158	1.195
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.085	0.013	0.064	0.056	0.040	0.032
	Bottom side	0.741	0.187	0.001	0.006	0.002	0.024	0.001	0.020	0.930	0.935	0.932	0.951	0.954	0.973
	Right side	0.006	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.019	0.013	0.054	0.056	0.100	0.102
	Left side	0.143	0.002	0.056	0.007	0.017	0.003	0.017	0.016	0.201	0.170	0.180	0.179	0.166	0.165
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.385	0.353	0.410	0.431	0.463	0.484
	Back side	0.247	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.524	0.440	0.522	0.559	1.010	1.047
	Top side	0.004	0.102	0.083	0.001	0.053	0.029	0.010	0.001	0.189	0.117	0.168	0.160	0.144	0.136
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.736	0.742	0.738	0.757	0.760	0.779
	Right side	0.052	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.128	0.122	0.163	0.165	0.209	0.211
	Left side	0.092	0.052	0.056	0.007	0.017	0.003	0.017	0.016	0.199	0.168	0.178	0.177	0.164	0.163
4A-5A(LAT)	Front side	0.173	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.399	0.366	0.424	0.444	0.477	0.497
	Back side	0.247	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.565	0.481	0.563	0.600	1.050	1.087
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.016	0.068	0.059	0.044	0.035
	Bottom side	0.734	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.867	0.873	0.869	0.889	0.891	0.911
	Right side	0.052	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.184	0.178	0.219	0.220	0.265	0.267
	Left side	0.092	0.022	0.056	0.007	0.017	0.003	0.017	0.016	0.170	0.139	0.149	0.147	0.135	0.134
4A-12A(UAT)	Front side	0.173	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.314	0.281	0.339	0.359	0.392	0.412
	Back side	0.247	0.071	0.154	0.032	0.114	0.601	0.039	0.076	0.472	0.388	0.470	0.507	0.957	0.995
	Top side	0.004	0.062	0.083	0.001	0.053	0.029	0.010	0.001	0.150	0.077	0.129	0.120	0.105	0.096
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.736	0.742	0.738	0.757	0.760	0.779
	Right side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.114	0.108	0.149	0.151	0.195	0.197
	Left side	0.092	0.004	0.056	0.007	0.017	0.003	0.017	0.016	0.151	0.120	0.130	0.129	0.116	0.115
4A-12A(LAT)	Front side	0.173	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.451	0.418	0.476	0.496	0.529	0.549
	Back side	0.247	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.617	0.533	0.615	0.652	1.102	1.140
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.016	0.068	0.059	0.044	0.035
	Bottom side	0.734	0.187	0.001	0.006	0.002	0.024	0.001	0.020	0.922	0.928	0.924	0.943	0.946	0.965
	Right side	0.052	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.064	0.059	0.100	0.101	0.146	0.148
	Left side	0.092	0.002	0.056	0.007	0.017	0.003	0.017	0.016	0.150	0.119	0.129	0.127	0.115	0.114
12A(UAT)-66A	Front side	0.091	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.314	0.281	0.339	0.359	0.392	0.412
	Back side	0.071	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.472	0.388	0.470	0.507	0.957	0.995
	Top side	0.062	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.150	0.077	0.129	0.120	0.105	0.096
	Bottom side	0.001	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.736	0.742	0.738	0.757	0.760	0.779
	Right side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.114	0.108	0.149	0.151	0.195	0.197
	Left side	0.004	0.092	0.056	0.007	0.017	0.003	0.017	0.016	0.151	0.120	0.130	0.129	0.116	0.115
12A(LAT)-66A	Front side	0.228	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.451	0.418	0.476	0.496	0.529	0.549
	Back side	0.216	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.617	0.533	0.615	0.652	1.102	1.140
	Top side	0.001	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.016	0.068	0.059	0.044	0.035
	Bottom side	0.187	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.922	0.928	0.924	0.943	0.946	0.965
	Right side	0.003	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.064	0.059	0.100	0.101	0.146	0.148
	Left side	0.002	0.092	0.056	0.007	0.017	0.003	0.017	0.016	0.150	0.119	0.129	0.127	0.115	0.114

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with WLAN MIMO+DBS_Head+Body

Calling_Head

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	ReCheek	0.116	0.407	0.943	0.999	0.922	1.165	1.020	1.088	0.943	1.144	0.999	1.370
	ReTilt	0.068	0.254	0.486	0.558	0.498	0.588	0.538	0.528	0.478	0.600	0.550	0.690
	LeCheek	0.173	0.295	1.016	1.400	1.026	1.250	1.045	0.877	0.671	1.261	1.056	1.574
	LeTilt	0.077	0.224	0.560	0.707	0.558	0.630	0.554	0.481	0.405	0.628	0.552	0.795
2A-5A(LAT)	ReCheek	0.116	0.071	0.608	0.663	0.587	0.829	0.685	0.753	0.608	0.808	0.663	1.034
	ReTilt	0.068	0.041	0.272	0.344	0.284	0.374	0.325	0.314	0.265	0.386	0.336	0.477
	LeCheek	0.173	0.046	0.767	1.151	0.777	1.002	0.796	0.628	0.422	1.012	0.807	1.325
	LeTilt	0.077	0.025	0.361	0.509	0.359	0.432	0.355	0.282	0.206	0.430	0.353	0.597
2A-12A(UAT)	ReCheek	0.116	0.361	0.898	0.953	0.877	1.120	0.975	1.043	0.898	1.098	0.954	1.324
	ReTilt	0.068	0.237	0.469	0.540	0.481	0.571	0.521	0.511	0.461	0.583	0.533	0.673
	LeCheek	0.173	0.269	0.990	1.375	1.001	1.225	1.020	0.852	0.646	1.236	1.030	1.549
	LeTilt	0.077	0.174	0.509	0.657	0.507	0.580	0.504	0.430	0.354	0.578	0.502	0.745
2A-12A(LAT)	ReCheek	0.116	0.086	0.623	0.678	0.601	0.844	0.699	0.767	0.623	0.823	0.678	1.049
	ReTilt	0.068	0.032	0.264	0.336	0.276	0.366	0.316	0.306	0.257	0.378	0.328	0.469
	LeCheek	0.173	0.045	0.765	1.150	0.776	1.000	0.795	0.627	0.421	1.011	0.806	1.324
	LeTilt	0.077	0.012	0.348	0.496	0.346	0.419	0.342	0.269	0.193	0.417	0.340	0.584
4A-5A(UAT)	ReCheek	0.122	0.407	0.949	1.005	0.928	1.171	1.026	1.094	0.949	1.150	1.005	1.376
	ReTilt	0.083	0.254	0.501	0.573	0.513	0.603	0.553	0.543	0.493	0.615	0.565	0.705
	LeCheek	0.174	0.295	1.017	1.401	1.027	1.252	1.046	0.878	0.672	1.262	1.057	1.575
	LeTilt	0.107	0.224	0.589	0.737	0.587	0.660	0.584	0.510	0.434	0.658	0.582	0.825
4A-5A(LAT)	ReCheek	0.122	0.071	0.614	0.669	0.592	0.835	0.690	0.758	0.614	0.814	0.669	1.040
	ReTilt	0.083	0.041	0.287	0.359	0.299	0.389	0.340	0.329	0.280	0.401	0.351	0.492
	LeCheek	0.174	0.046	0.768	1.152	0.779	1.003	0.797	0.629	0.424	1.013	0.808	1.326
	LeTilt	0.107	0.025	0.391	0.538	0.389	0.461	0.385	0.312	0.235	0.459	0.383	0.626
4A-12A(UAT)	ReCheek	0.122	0.361	0.904	0.959	0.882	1.125	0.981	1.049	0.904	1.104	0.959	1.330
	ReTilt	0.083	0.237	0.484	0.555	0.495	0.586	0.536	0.526	0.476	0.598	0.548	0.688
	LeCheek	0.174	0.269	0.991	1.376	1.002	1.226	1.021	0.853	0.647	1.237	1.032	1.550
	LeTilt	0.107	0.174	0.539	0.686	0.537	0.609	0.533	0.460	0.384	0.607	0.531	0.774
4A-12A(LAT)	ReCheek	0.122	0.086	0.628	0.684	0.607	0.850	0.705	0.773	0.628	0.829	0.684	1.055
	ReTilt	0.083	0.032	0.279	0.351	0.291	0.381	0.331	0.321	0.271	0.393	0.343	0.484
	LeCheek	0.174	0.045	0.767	1.151	0.777	1.001	0.796	0.628	0.422	1.012	0.807	1.325
	LeTilt	0.107	0.012	0.378	0.525	0.376	0.448	0.372	0.299	0.222	0.446	0.370	0.613
12A(UAT)-66A	ReCheek	0.361	0.122	0.904	0.959	0.882	1.125	0.981	1.049	0.904	1.104	0.959	1.330
	ReTilt	0.237	0.083	0.484	0.555	0.495	0.586	0.536	0.526	0.476	0.598	0.548	0.688
	LeCheek	0.269	0.174	0.991	1.376	1.002	1.226	1.021	0.853	0.647	1.237	1.032	1.550
	LeTilt	0.174	0.107	0.539	0.686	0.537	0.609	0.533	0.460	0.384	0.607	0.531	0.774
12A(LAT)-66A	ReCheek	0.086	0.122	0.628	0.684	0.607	0.850	0.705	0.773	0.628	0.829	0.684	1.055
	ReTilt	0.032	0.083	0.279	0.351	0.291	0.381	0.331	0.321	0.271	0.393	0.343	0.484
	LeCheek	0.045	0.174	0.767	1.151	0.777	1.001	0.796	0.628	0.422	1.012	0.807	1.325
	LeTilt	0.012	0.107	0.378	0.525	0.376	0.448	0.372	0.299	0.222	0.446	0.370	0.613

Calling_Body-worn

The simultaneous body-worn exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN

WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain0	WLAN 2.4GHz Chain1	WLAN 5GHz Chain0	WLAN 5GHz Chain1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.456	0.512	0.543	0.499	0.498	0.530	0.529	0.586	0.585	0.610
	Back side	0.313	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.540	0.591	0.730	0.558	0.548	0.698	0.687	0.749	0.739	0.838
2A-5A(LAT)	Front side	0.267	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.406	0.462	0.494	0.449	0.448	0.481	0.480	0.537	0.536	0.561
	Back side	0.313	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.602	0.654	0.793	0.621	0.611	0.760	0.750	0.812	0.801	0.901
2A-12A(UAT)	Front side	0.267	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.384	0.441	0.472	0.427	0.426	0.459	0.458	0.515	0.514	0.539
	Back side	0.313	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.487	0.539	0.678	0.506	0.496	0.646	0.635	0.697	0.687	0.786
2A-12A(LAT)	Front side	0.267	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.348	0.404	0.436	0.391	0.390	0.422	0.421	0.479	0.478	0.502
	Back side	0.313	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.576	0.627	0.766	0.595	0.584	0.734	0.723	0.785	0.775	0.874
4A-5A(UAT)	Front side	0.122	0.162	0.020	0.005	0.061	0.093	0.002	0.001	0.310	0.367	0.398	0.353	0.352	0.385	0.384	0.441	0.440	0.465
	Back side	0.137	0.123	0.075	0.028	0.080	0.219	0.014	0.003	0.363	0.415	0.554	0.382	0.372	0.522	0.511	0.573	0.562	0.662
4A-5A(LAT)	Front side	0.122	0.113	0.020	0.005	0.061	0.093	0.002	0.001	0.261	0.317	0.349	0.304	0.303	0.335	0.334	0.392	0.391	0.415
	Back side	0.137	0.186	0.075	0.028	0.080	0.219	0.014	0.003	0.426	0.477	0.617	0.445	0.434	0.584	0.574	0.636	0.625	0.725
4A-12A(UAT)	Front side	0.122	0.091	0.020	0.005	0.061	0.093	0.002	0.001	0.239	0.295	0.327	0.282	0.281	0.314	0.313	0.370	0.369	0.393
	Back side	0.137	0.071	0.075	0.028	0.080	0.219	0.014	0.003	0.311	0.363	0.502	0.330	0.320	0.469	0.459	0.521	0.510	0.610
4A-12A(LAT)	Front side	0.122	0.055	0.020	0.005	0.061	0.093	0.002	0.001	0.202	0.259	0.290	0.246	0.245	0.277	0.276	0.333	0.332	0.357
	Back side	0.137	0.159	0.075	0.028	0.080	0.219	0.014	0.003	0.399	0.451	0.590	0.418	0.408	0.558	0.547	0.609	0.598	0.698
12A(UAT)-66A	Front side	0.091	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.239	0.295	0.327	0.282	0.281	0.314	0.313	0.370	0.369	0.393
	Back side	0.071	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.311	0.363	0.502	0.330	0.320	0.469	0.459	0.521	0.510	0.610
12A(LAT)-66A	Front side	0.055	0.122	0.020	0.005	0.061	0.093	0.002	0.001	0.202	0.259	0.290	0.246	0.245	0.277	0.276	0.333	0.332	0.357
	Back side	0.159	0.137	0.075	0.028	0.080	0.219	0.014	0.003	0.399	0.451	0.590	0.418	0.408	0.558	0.547	0.609	0.598	0.698

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Calling_Hotspot

The simultaneous hotspot exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.043	0.069	0.224	0.006	0.012	0.529	0.555	0.710	0.554	0.560	0.709	0.715	0.735	0.741	0.822
	Back side	0.303	0.154	0.062	0.114	0.466	0.039	0.016	0.642	0.694	1.046	0.640	0.618	0.993	0.971	1.044	1.022	1.222	
	Top side	0.001	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.217	0.239	0.389	0.196	0.195	0.346	0.345	0.368	0.367	0.472
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.744	0.745	0.798	0.746	0.746	0.799	0.799	0.800	0.800	0.801
	Right side	0.006	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.085	0.126	0.126	0.121	0.119	0.122	0.120	0.162	0.160	0.173
	Left side	0.143	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.276	0.268	0.371	0.255	0.246	0.358	0.349	0.350	0.340	0.414
	Front side	0.274	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.617	0.643	0.799	0.642	0.649	0.797	0.804	0.823	0.830	0.910
	Back side	0.303	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.752	0.804	1.156	0.750	0.728	1.103	1.081	1.154	1.132	1.332
2A-5A(LAT)	Top side	0.001	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.118	0.140	0.290	0.097	0.096	0.248	0.246	0.269	0.268	0.373
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.957	0.958	1.011	0.959	0.959	1.012	1.012	1.013	1.013	1.014
	Right side	0.006	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.183	0.223	0.224	0.218	0.217	0.219	0.218	0.259	0.258	0.271
	Left side	0.143	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.262	0.254	0.357	0.241	0.232	0.344	0.335	0.336	0.326	0.400
	Front side	0.274	0.091	0.050	0.043	0.069	0.224	0.006	0.012	0.457	0.483	0.638	0.482	0.489	0.637	0.644	0.663	0.670	0.750
	Back side	0.303	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.590	0.642	0.994	0.588	0.566	0.941	0.919	0.992	0.970	1.170
	Top side	0.001	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.177	0.199	0.349	0.156	0.155	0.307	0.305	0.328	0.327	0.433
	Bottom side	0.741	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.745	0.746	0.798	0.747	0.747	0.799	0.799	0.800	0.800	0.801
2A-12A(UAT)	Right side	0.006	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.071	0.111	0.112	0.107	0.105	0.107	0.106	0.148	0.146	0.159
	Left side	0.143	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.228	0.220	0.323	0.207	0.198	0.310	0.301	0.302	0.292	0.366
	Front side	0.274	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.515	0.541	0.696	0.540	0.546	0.695	0.702	0.721	0.728	0.808
	Back side	0.303	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.641	0.693	1.045	0.639	0.617	0.992	0.970	1.043	1.021	1.221
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.371
	Bottom side	0.741	0.113	0.001	0.001	0.002	0.055	0.001	0.001	0.856	0.857	0.910	0.858	0.858	0.911	0.911	0.912	0.912	0.913
	Right side	0.006	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.022	0.062	0.063	0.057	0.056	0.058	0.057	0.098	0.097	0.109
	Left side	0.143	0.002	0.056	0.026	0.017	0.120	0.017	0.008	0.227	0.218	0.321	0.206	0.196	0.308	0.299	0.300	0.291	0.364
2A-12A(LAT)	Front side	0.173	0.162	0.050	0.043	0.069	0.224	0.006	0.012	0.428	0.454	0.609	0.453	0.460	0.608	0.615	0.634	0.641	0.721
	Back side	0.247	0.123	0.154	0.062	0.114	0.466	0.039	0.016	0.586	0.638	0.990	0.585	0.562	0.937	0.915	0.989	0.966	1.166
	Top side	0.004	0.102	0.083	0.031	0.053	0.203	0.010	0.009	0.220	0.242	0.392	0.199	0.198	0.350	0.348	0.371	0.370	0.476
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.737	0.738	0.790	0.739	0.739	0.791	0.791	0.793	0.793	0.794
	Right side	0.052	0.066	0.010	0.003	0.043	0.044	0.002	0.001	0.131	0.171	0.172	0.166	0.165	0.167	0.166	0.207	0.206	0.219
	Left side	0.092	0.052	0.056	0.026	0.017	0.120	0.017	0.008	0.225	0.216	0.319	0.204	0.194	0.307	0.297	0.298	0.289	0.362
	Front side	0.173	0.251	0.050	0.043	0.069	0.224	0.006	0.012	0.517	0.543	0.698	0.542	0.549	0.697	0.704	0.723	0.730	0.810
	Back side	0.247	0.233	0.154	0.062	0.114	0.466	0.039	0.016	0.696	0.748	1.100	0.695	0.672	1.047	1.025	1.099	1.076	1.276
4A-5A(UAT)	Top side	0.004	0.003	0.083	0.031	0.053	0.203	0.010	0.009	0.121	0.143	0.293	0.100	0.099	0.251	0.249	0.272	0.271	0.377
	Bottom side	0.734	0.214	0.001	0.001	0.002	0.055	0.001	0.001	0.950	0.951	1.003	0.952	0.952	1.004	1.004	1.005	1.005	1.006
	Right side	0.052	0.163	0.010	0.003	0.043	0.044	0.002	0.001	0.229	0.269	0.270	0.264	0.263	0.265	0.264	0.305	0.304	0.316
	Left side	0.092	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.211	0.202	0.305	0.190	0.180	0.293	0.283	0.284	0.275	0.348
	Front side	0.173	0.091	0.050	0.043	0.069	0.224	0.006	0.012	0.357	0.383	0.538	0.382	0.389	0.537	0.544	0.563	0.570	0.650
	Back side	0.247	0.071	0.154	0.062	0.114	0.466	0.039	0.016	0.534	0.586	0.938	0.533	0.510	0.885	0.863	0.937	0.914	1.114
	Top side	0.004	0.062	0.083	0.031	0.053	0.203	0.010	0.009	0.180	0.202	0.352	0.160	0.158	0.310	0.309	0.332	0.330	0.436
	Bottom side	0.734	0.001	0.001	0.001	0.002	0.055	0.001	0.001	0.737	0.738	0.791	0.739	0.739	0.792	0.792	0.793	0.793	0.794
4A-5A(LAT)	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.117	0.157	0.158	0.152	0.151	0.153	0.152	0.193	0.192	0.204
	Left side	0.092	0.004	0.056	0.026	0.017	0.120	0.017	0.008	0.177	0.168	0.271	0.156	0.146	0.259	0.249	0.250	0.241	0.314
	Front side	0.173	0.149	0.050	0.043	0.069	0.224	0.006	0.012	0.415	0.440	0.596	0.439	0.446	0.595	0.601	0.620	0.627	0.708
	Back side	0.247	0.122	0.154	0.062	0.114	0.466	0.039	0.016	0.585	0.637	0.989	0.584	0.581	0.936	0.914	0.988	0.965	1.165
	Top side	0.004	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.119	0.141	0.291	0.098	0.097	0.249	0.247	0.270	0.269	0.375
	Bottom side	0.734	0.113	0.001	0.001	0.002	0.055	0.001	0.001	0.849	0.850	0.902	0.851	0.851	0.904	0.904	0.905	0.905	0.906
	Right side	0.052	0.002	0.010	0.003	0.043	0.044	0.002	0.001	0.067	0.108	0.108	0.103	0.101	0.104	0.102	0.144	0.142	0.155
	Left side	0.092	0.002	0.056	0.026	0.017	0.120	0.017	0.008	0.175	0.167	0.270	0.154	0.145	0.257	0.248	0.249	0.239	0.313
4A-12A(UAT)	Front side	0.091	0.173	0.050	0.043	0.069	0.224	0.006	0.012	0.357	0.383	0.538	0.382	0.389	0.537	0.544	0.563	0.570	0.650
	Back side	0.071	0.038	0.056	0.026	0.017	0.120	0.017	0.008	0.177	0.168	0.271	0.156	0.146	0.259	0.249	0.250	0.241	0.314
	Top side	0.052	0.004	0.083	0.031	0.053	0.203	0.010	0.009	0.180	0.202	0.352	0.160	0.158	0.310	0.309	0.332	0.330	0.436
	Bottom side	0.001	0.734	0.001	0.001	0.002	0.055	0.001	0.001	0.737	0.738	0.791	0.739	0.739	0.792	0.792	0.793	0.793	0.794
	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.117	0.157	0.158	0.152	0.151	0.153	0.152	0.193	0.192	0.204
	Left side	0.004	0.092	0.056	0.026	0.017	0.120	0.017	0.008	0.177	0.168	0.271	0.156	0.146	0.259	0.249	0.250	0.241	0.314
	Front side	0.149	0.173	0.050	0.043	0.069	0.224	0.006	0.012	0.415	0.440	0.596	0.439	0.446	0.595	0.601	0.620	0.627	0.708
	Back side	0.122	0.247	0.154	0.062	0.114	0.466	0.039	0.016	0.585	0.637	0.989	0.584	0.561	0.936	0.914	0.988	0.965	1.165
12A(UAT)-66A	Top side	0.001	0.004	0.083	0.031	0.053	0.203	0.010	0.009	0.119	0.141	0.291	0.098	0.097	0.249	0.247	0.270	0.269	0.375
	Bottom side	0.001	0.734	0.001	0.001	0.002	0.055	0.001	0.001	0.849	0.850	0.902	0.851	0.851	0.904	0.904	0.905	0.905	0.906
	Right side	0.052	0.052	0.010	0.003	0.043	0.044	0.002	0.001	0.117	0.157	0.158	0.152	0.151					

Camera_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Camera mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.266	0.160	0.035	0.011	0.077	0.054	0.006	0.026	0.472	0.538	0.515	0.520	0.540	0.497	0.517	0.562	0.583	0.603
	Back side	0.305	0.123	0.090	0.032	0.459	0.429	0.087	0.076	0.549	0.977	0.946	1.006	0.995	0.976	0.965	1.403	1.392	1.437
	Top side	0.001	0.115	0.073	0.001	0.084	0.003	0.072	0.001	0.190	0.273	0.192	0.274	0.202	0.193	0.121	0.276	0.204	0.277
	Bottom side	1.035	0.001	0.001	0.006	0.001	0.102	0.001	0.020	1.043	1.038	1.139	1.044	1.063	1.144	1.164	1.140	1.159	1.145
	Right side	0.017	0.062	0.002	0.002	0.019	0.043	0.003	0.004	0.083	0.100	0.124	0.104	0.104	0.128	0.128	0.145	0.145	0.146
	Left side	0.202	0.086	0.026	0.007	0.073	0.013	0.058	0.016	0.321	0.386	0.327	0.426	0.384	0.366	0.324	0.432	0.390	0.407
2A-5A(LAT)	Front side	0.266	0.241	0.035	0.011	0.077	0.054	0.006	0.026	0.552	0.618	0.595	0.600	0.620	0.577	0.597	0.643	0.663	0.683
	Back side	0.305	0.232	0.090	0.032	0.459	0.429	0.087	0.076	0.658	1.085	1.055	1.115	1.103	1.084	1.073	1.511	1.500	1.546
	Top side	0.001	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.078	0.161	0.080	0.161	0.090	0.081	0.009	0.163	0.092	0.165
	Bottom side	1.035	0.209	0.001	0.006	0.001	0.102	0.001	0.020	1.251	1.246	1.347	1.252	1.271	1.353	1.372	1.348	1.367	1.354
	Right side	0.017	0.168	0.002	0.002	0.019	0.043	0.003	0.004	0.189	0.206	0.230	0.210	0.210	0.234	0.234	0.251	0.251	0.252
	Left side	0.202	0.031	0.026	0.007	0.073	0.013	0.058	0.016	0.266	0.332	0.272	0.371	0.329	0.312	0.270	0.377	0.335	0.352
2A-12A(UAT)	Front side	0.266	0.091	0.035	0.011	0.077	0.054	0.006	0.026	0.403	0.468	0.446	0.450	0.471	0.428	0.448	0.493	0.514	0.534
	Back side	0.305	0.071	0.090	0.032	0.459	0.429	0.087	0.076	0.497	0.924	0.894	0.954	0.943	0.924	0.912	1.351	1.339	1.385
	Top side	0.001	0.062	0.073	0.001	0.084	0.003	0.072	0.001	0.137	0.220	0.139	0.221	0.149	0.140	0.068	0.223	0.151	0.224
	Bottom side	1.035	0.001	0.001	0.006	0.001	0.102	0.001	0.020	1.043	1.038	1.139	1.044	1.063	1.145	1.164	1.140	1.159	1.146
	Right side	0.017	0.052	0.002	0.002	0.019	0.043	0.003	0.004	0.073	0.090	0.114	0.093	0.094	0.117	0.118	0.134	0.135	0.135
	Left side	0.202	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.239	0.304	0.245	0.344	0.302	0.284	0.242	0.349	0.307	0.324
2A-12A(LAT)	Front side	0.266	0.158	0.035	0.011	0.077	0.054	0.006	0.026	0.470	0.535	0.512	0.517	0.537	0.494	0.515	0.560	0.580	0.600
	Back side	0.305	0.136	0.090	0.032	0.459	0.429	0.087	0.076	0.562	0.989	0.959	1.019	1.007	0.988	0.977	1.416	1.404	1.450
	Top side	0.001	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.076	0.159	0.078	0.159	0.088	0.078	0.007	0.161	0.090	0.163
	Bottom side	1.035	0.105	0.001	0.006	0.001	0.102	0.001	0.020	1.147	1.143	1.243	1.148	1.167	1.249	1.268	1.244	1.263	1.250
	Right side	0.017	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.022	0.039	0.063	0.043	0.043	0.067	0.067	0.084	0.084	0.085
	Left side	0.202	0.002	0.026	0.007	0.073	0.013	0.058	0.016	0.237	0.303	0.243	0.342	0.300	0.283	0.241	0.348	0.306	0.323
4A-5A(UAT)	Front side	0.211	0.241	0.035	0.011	0.077	0.054	0.006	0.026	0.498	0.564	0.541	0.546	0.566	0.523	0.543	0.588	0.609	0.629
	Back side	0.306	0.232	0.090	0.032	0.459	0.429	0.087	0.076	0.659	1.086	1.056	1.116	1.104	1.085	1.074	1.512	1.501	1.547
	Top side	0.003	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.080	0.163	0.082	0.164	0.092	0.083	0.011	0.166	0.094	0.167
	Bottom side	0.933	0.209	0.001	0.006	0.001	0.102	0.001	0.020	1.149	1.144	1.245	1.150	1.169	1.251	1.270	1.246	1.265	1.252
	Right side	0.066	0.168	0.002	0.002	0.019	0.043	0.003	0.004	0.239	0.255	0.279	0.259	0.260	0.283	0.284	0.300	0.300	0.301
	Left side	0.119	0.031	0.026	0.007	0.073	0.013	0.058	0.016	0.183	0.248	0.189	0.288	0.246	0.228	0.187	0.294	0.252	0.269
4A-5A(LAT)	Front side	0.211	0.091	0.035	0.011	0.077	0.054	0.006	0.026	0.349	0.414	0.392	0.396	0.417	0.374	0.394	0.439	0.459	0.480
	Back side	0.306	0.071	0.090	0.032	0.459	0.429	0.087	0.076	0.498	0.925	0.895	0.955	0.944	0.925	0.913	1.352	1.340	1.386
	Top side	0.003	0.062	0.073	0.001	0.084	0.003	0.072	0.001	0.139	0.222	0.141	0.223	0.151	0.142	0.071	0.225	0.153	0.226
	Bottom side	0.933	0.001	0.001	0.006	0.001	0.102	0.001	0.020	0.941	0.936	1.037	0.942	0.961	1.042	1.062	1.038	1.057	1.043
	Right side	0.066	0.052	0.002	0.002	0.019	0.043	0.003	0.004	0.122	0.139	0.163	0.142	0.143	0.166	0.167	0.183	0.184	0.184
	Left side	0.119	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.156	0.221	0.161	0.261	0.219	0.201	0.159	0.266	0.224	0.241
4A-12A(UAT)	Front side	0.211	0.158	0.035	0.011	0.077	0.054	0.006	0.026	0.415	0.481	0.458	0.463	0.483	0.440	0.460	0.506	0.526	0.546
	Back side	0.306	0.136	0.090	0.032	0.459	0.429	0.087	0.076	0.563	0.990	0.960	1.020	1.008	0.989	0.978	1.417	1.405	1.451
	Top side	0.003	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.078	0.161	0.080	0.162	0.090	0.081	0.009	0.164	0.092	0.165
	Bottom side	0.933	0.105	0.001	0.006	0.001	0.102	0.001	0.020	1.045	1.040	1.141	1.046	1.065	1.147	1.166	1.142	1.161	1.148
	Right side	0.066	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.071	0.088	0.112	0.092	0.092	0.116	0.116	0.133	0.133	0.134
	Left side	0.119	0.002	0.026	0.007	0.073	0.013	0.058	0.016	0.154	0.219	0.160	0.259	0.217	0.199	0.157	0.265	0.223	0.240
12A(UAT)-66A	Front side	0.091	0.211	0.035	0.011	0.077	0.054	0.006	0.026	0.349	0.414	0.392	0.396	0.417	0.374	0.394	0.439	0.459	0.480
	Back side	0.071	0.306	0.090	0.032	0.459	0.429	0.087	0.076	0.498	0.925	0.895	0.955	0.944	0.925	0.913	1.352	1.340	1.386
	Top side	0.002	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.139	0.222	0.141	0.223	0.151	0.142	0.071	0.225	0.153	0.226
	Bottom side	0.001	0.933	0.001	0.006	0.001	0.102	0.001	0.020	0.941	0.936	1.037	0.942	0.961	1.042	1.062	1.038	1.057	1.043
	Right side	0.052	0.066	0.002	0.002	0.019	0.043	0.003	0.004	0.122	0.139	0.163	0.142	0.143	0.166	0.167	0.183	0.184	0.184
	Left side	0.004	0.119	0.026	0.007	0.073	0.013	0.058	0.016	0.156	0.221	0.161	0.261	0.219	0.201	0.159	0.266	0.224	0.241
12A(LAT)-66A	Front side	0.158	0.211	0.035	0.011	0.077	0.054	0.006	0.026	0.415	0.481	0.458	0.463	0.483	0.440	0.460	0.506	0.526	0.546
	Back side	0.136	0.306	0.090	0.032	0.459	0.429	0.087	0.076	0.563	0.990	0.960	1.020	1.008	0.989	0.978	1.417	1.405	1.451
	Top side	0.001	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.078	0.161	0.080	0.162	0.090	0.081	0.009	0.164	0.092	0.165
	Bottom side	0.105	0.933	0.001	0.006	0.001	0.102	0.001	0.020	1.045	1.040	1.141	1.046	1.065	1.147	1.166	1.142	1.161	1.148
	Right side	0.001	0.066	0.002	0.002	0.019	0.043	0.003	0.004	0.071	0.088	0.112	0.092	0.092	0.116	0.116	0.133	0.133	0.134
	Left side	0.002	0.119	0.026	0.007	0.073	0.013	0.058	0.016	0.154	0.219	0.160	0.259	0.217	0.199	0.157	0.265	0.223	0.240

Normal_Landscape_Hotspot

The simultaneous hotspot exposure conditions for WLAN(normal landscape mode) with WWAN																				
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10	
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum	
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.497	0.555	0.540	0.522	0.542	0.507	0.527	0.565	0.585	0.620	
	Back side	0.303	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.612	0.694	1.009	0.610	0.647	0.925	0.962	1.007	1.044	1.155	
	Top side	0.001	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.187	0.239	0.189	0.166	0.158	0.117	0.108	0.168	0.160	0.243	
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.749	0.745	0.845	0.751	0.770	0.851	0.870	0.847	0.866	0.853	
	Right side	0.006	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.085	0.126	0.125	0.120	0.121	0.120	0.121	0.161	0.162	0.171	
	Left side	0.143	0.052	0.056	0.007	0.017	0.013	0.017	0.016	0.258	0.268	0.264	0.237	0.235	0.232	0.231	0.242	0.241	0.288	
2A-5A(LAT)	Front side	0.274	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.586	0.643	0.629	0.611	0.631	0.596	0.616	0.653	0.674	0.709	
	Back side	0.303	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.722	0.804	1.119	0.720	0.757	1.035	1.072	1.117	1.154	1.265	
	Top side	0.001	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.088	0.140	0.090	0.067	0.059	0.018	0.009	0.069	0.061	0.144	
	Bottom side	0.741	0.214	0.001	0.006	0.002	0.102	0.001	0.020	0.962	0.958	1.058	0.964	0.983	1.064	1.083	1.060	1.079	1.066	
	Right side	0.006	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.182	0.223	0.223	0.218	0.219	0.217	0.219	0.258	0.260	0.269	
	Left side	0.143	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.244	0.254	0.250	0.223	0.221	0.218	0.217	0.228	0.227	0.274	
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.426	0.483	0.468	0.450	0.471	0.436	0.456	0.493	0.514	0.549	
	Back side	0.303	0.071	0.154	0.032	0.114	0.429	0.039	0.076	0.560	0.642	0.957	0.558	0.595	0.873	0.910	0.955	0.992	1.102	
	Top side	0.001	0.062	0.003	0.001	0.001	0.003	0.010	0.001	0.147	0.199	0.149	0.127	0.118	0.077	0.068	0.129	0.120	0.203	
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.749	0.746	0.845	0.751	0.771	0.851	0.870	0.847	0.866	0.853	
	Right side	0.006	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.070	0.111	0.111	0.106	0.107	0.106	0.107	0.147	0.148	0.157	
	Left side	0.143	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.210	0.220	0.216	0.189	0.187	0.184	0.183	0.194	0.193	0.240	
2A-12A(LAT)	Front side	0.274	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.483	0.541	0.526	0.508	0.528	0.493	0.513	0.551	0.571	0.606	
	Back side	0.303	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.611	0.693	1.009	0.609	0.646	0.924	0.961	1.006	1.043	1.154	
	Top side	0.001	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.138	0.088	0.065	0.057	0.016	0.007	0.067	0.059	0.142	
	Bottom side	0.741	0.113	0.001	0.006	0.002	0.102	0.001	0.020	0.861	0.857	0.957	0.863	0.882	0.963	0.982	0.959	0.978	0.965	
	Right side	0.006	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.021	0.062	0.062	0.056	0.058	0.056	0.058	0.097	0.099	0.108	
	Left side	0.143	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.208	0.218	0.214	0.187	0.186	0.183	0.182	0.193	0.191	0.238	
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.011	0.069	0.054	0.006	0.026	0.397	0.454	0.439	0.421	0.442	0.407	0.427	0.464	0.485	0.520	
	Back side	0.247	0.123	0.154	0.032	0.114	0.429	0.039	0.076	0.556	0.638	0.953	0.554	0.591	0.869	0.906	0.951	0.988	1.099	
	Top side	0.004	0.102	0.083	0.001	0.053	0.003	0.010	0.001	0.190	0.242	0.192	0.169	0.161	0.120	0.111	0.172	0.163	0.245	
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.742	0.738	0.837	0.744	0.763	0.843	0.862	0.839	0.859	0.845	
	Right side	0.052	0.066	0.010	0.002	0.043	0.043	0.002	0.004	0.130	0.171	0.171	0.165	0.167	0.165	0.167	0.206	0.208	0.217	
	Left side	0.092	0.052	0.056	0.007	0.017	0.013	0.017	0.016	0.207	0.216	0.212	0.185	0.184	0.181	0.180	0.191	0.190	0.237	
4A-5A(LAT)	Front side	0.173	0.251	0.050	0.011	0.069	0.054	0.006	0.026	0.485	0.543	0.528	0.510	0.531	0.495	0.516	0.553	0.573	0.608	
	Back side	0.247	0.233	0.154	0.032	0.114	0.429	0.039	0.076	0.666	0.748	1.063	0.664	0.701	0.979	1.016	1.061	1.098	1.209	
	Top side	0.004	0.003	0.083	0.001	0.053	0.003	0.010	0.001	0.091	0.143	0.093	0.071	0.062	0.021	0.012	0.073	0.064	0.147	
	Bottom side	0.734	0.214	0.001	0.006	0.002	0.102	0.001	0.020	0.954	0.951	1.050	0.957	0.976	1.056	1.075	1.052	1.072	1.058	
	Right side	0.052	0.163	0.010	0.002	0.043	0.043	0.002	0.004	0.228	0.269	0.269	0.263	0.265	0.263	0.265	0.304	0.306	0.315	
	Left side	0.092	0.038	0.056	0.007	0.017	0.013	0.017	0.016	0.192	0.202	0.198	0.171	0.170	0.167	0.166	0.177	0.176	0.223	
4A-12A(UAT)	Front side	0.173	0.091	0.050	0.011	0.069	0.054	0.006	0.026	0.325	0.383	0.368	0.350	0.370	0.335	0.356	0.393	0.413	0.448	
	Back side	0.247	0.071	0.154	0.032	0.114	0.429	0.039	0.076	0.504	0.586	0.901	0.502	0.539	0.817	0.854	0.899	0.936	1.047	
	Top side	0.004	0.062	0.083	0.001	0.053	0.003	0.010	0.001	0.151	0.202	0.153	0.130	0.121	0.080	0.071	0.132	0.123	0.206	
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.102	0.001	0.020	0.742	0.738	0.838	0.744	0.763	0.843	0.863	0.840	0.859	0.845	
	Right side	0.052	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.116	0.157	0.157	0.151	0.153	0.151	0.153	0.192	0.194	0.203	
	Left side	0.092	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.159	0.168	0.164	0.137	0.136	0.133	0.132	0.143	0.142	0.189	
4A-12A(LAT)	Front side	0.173	0.149	0.050	0.011	0.069	0.054	0.006	0.026	0.383	0.440	0.426	0.408	0.428	0.393	0.413	0.450	0.471	0.506	
	Back side	0.247	0.122	0.154	0.032	0.114	0.429	0.039	0.076	0.555	0.637	0.952	0.553	0.590	0.868	0.905	0.950	0.987	1.098	
	Top side	0.004	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.089	0.141	0.091	0.069	0.060	0.019	0.010	0.071	0.062	0.145	
	Bottom side	0.734	0.113	0.001	0.006	0.002	0.102	0.001	0.020	0.854	0.850	0.949	0.856	0.875	0.955	0.974	0.951	0.971	0.957	
	Right side	0.052	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.067	0.108	0.107	0.102	0.103	0.102	0.103	0.143	0.144	0.153	
	Left side	0.092	0.002	0.056	0.007	0.017	0.013	0.017	0.016	0.157	0.167	0.163	0.136	0.134	0.131	0.130	0.141	0.140	0.187	
12A(UAT)-6GA	Front side	0.091	0.173	0.050	0.011	0.069	0.054	0.006	0.026	0.325	0.383	0.368	0.350	0.370	0.335	0.356	0.393	0.413	0.448	
	Back side	0.071	0.247	0.154	0.032	0.114	0.429	0.039	0.076	0.504	0.586	0.901	0.502	0.539	0.817	0.854	0.899	0.936	1.047	
	Top side	0.062	0.004	0.003	0.001	0.053	0.003	0.010	0.001	0.151	0.202	0.153	0.130	0.121	0.080	0.071	0.132	0.123	0.206	
	Bottom side	0.001	0.734	0.001	0.006	0.002	0.102	0.001	0.020	0.742	0.738	0.838	0.744	0.763	0.843	0.863	0.840	0.859	0.845	
	Right side	0.052	0.052	0.010	0.002	0.043	0.043	0.002	0.004	0.116	0.157	0.157	0.151	0.153	0.151	0.153	0.192	0.194	0.203	
	Left side	0.004	0.092	0.056	0.007	0.017	0.013	0.017	0.016	0.159	0.168	0.164	0.137	0.136	0.133	0.132	0.143	0.142	0.189	
12A(LAT)-6GA	Front side	0.149	0.173	0.050	0.011	0.069	0.054	0.006	0.026	0.383	0.440	0.426	0.408	0.428	0.393	0.413	0.450	0.471	0.506	
	Back side	0.122	0.247	0.154	0.032	0.114	0.429	0.039	0.076	0.555	0.637	0.952	0.553	0.590	0.868	0.905	0.950	0.987	1.098	
	Top side	0.001	0.004	0.083	0.001	0.053	0.003	0.010	0.001	0.089	0.141	0.091	0.069	0.060	0.019	0.010	0.071	0.062	0.145	
	Bottom side	0.113	0.734	0.001	0.006	0.002	0.102	0.001	0.020	0.854	0.850	0.949	0.856	0.875	0.955	0.974	0.951	0.971	0.957	
	Right side	0.002	0.052	0.010	0.002	0.043	0.043													

Gaming_Hotspot

The simultaneous hotspot exposure conditions for WLAN(Gaming mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	LTE Second Band	WLAN 2.4GHz Chain0	WLAN 2.4GHz Chain1	WLAN 5GHz Chain0	WLAN 5GHz Chain1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-5A(UAT)	Front side	0.274	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.497	0.555	0.608	0.522	0.542	0.575	0.595	0.633	0.653	0.688
	Back side	0.303	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.612	0.694	1.181	0.610	0.647	1.097	1.134	1.179	1.216	1.327
	Top side	0.001	0.102	0.083	0.001	0.053	0.029	0.010	0.001	0.187	0.239	0.215	0.166	0.158	0.142	0.134	0.194	0.185	0.268
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.749	0.745	0.767	0.751	0.770	0.773	0.792	0.769	0.789	0.775
	Right side	0.006	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.085	0.126	0.172	0.120	0.121	0.166	0.168	0.207	0.209	0.217
	Left side	0.143	0.052	0.056	0.007	0.017	0.003	0.017	0.016	0.258	0.268	0.254	0.237	0.235	0.223	0.222	0.233	0.232	0.279
2A-5A(LAT)	Front side	0.274	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.510	0.568	0.621	0.535	0.555	0.588	0.608	0.646	0.666	0.701
	Back side	0.303	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.652	0.734	1.222	0.651	0.688	1.138	1.175	1.220	1.257	1.367
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.138	0.114	0.065	0.057	0.041	0.033	0.093	0.084	0.167
	Bottom side	0.741	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.881	0.877	0.899	0.883	0.902	0.905	0.924	0.901	0.920	0.907
	Right side	0.006	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.140	0.181	0.227	0.176	0.177	0.222	0.223	0.263	0.264	0.273
	Left side	0.143	0.022	0.056	0.007	0.017	0.003	0.017	0.016	0.228	0.238	0.225	0.207	0.206	0.194	0.192	0.203	0.202	0.249
2A-12A(UAT)	Front side	0.274	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.426	0.483	0.536	0.450	0.471	0.504	0.524	0.561	0.581	0.616
	Back side	0.303	0.071	0.154	0.032	0.114	0.601	0.039	0.076	0.560	0.642	1.129	0.558	0.595	1.045	1.082	1.127	1.164	1.275
	Top side	0.001	0.062	0.083	0.001	0.053	0.029	0.010	0.001	0.147	0.199	0.175	0.127	0.118	0.103	0.094	0.154	0.145	0.228
	Bottom side	0.741	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.749	0.746	0.768	0.751	0.771	0.773	0.793	0.770	0.789	0.775
	Right side	0.006	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.070	0.111	0.158	0.106	0.107	0.152	0.153	0.193	0.194	0.203
	Left side	0.143	0.004	0.056	0.007	0.017	0.003	0.017	0.016	0.210	0.220	0.206	0.189	0.187	0.175	0.174	0.185	0.184	0.231
2A-12A(LAT)	Front side	0.274	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.562	0.620	0.673	0.587	0.608	0.640	0.661	0.698	0.718	0.753
	Back side	0.303	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.705	0.787	1.274	0.703	0.740	1.190	1.227	1.272	1.309	1.420
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.138	0.114	0.065	0.057	0.041	0.033	0.093	0.084	0.167
	Bottom side	0.741	0.187	0.001	0.006	0.002	0.024	0.001	0.020	0.935	0.932	0.954	0.937	0.957	0.959	0.979	0.956	0.975	0.962
	Right side	0.006	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.021	0.062	0.108	0.057	0.058	0.103	0.104	0.144	0.145	0.154
	Left side	0.143	0.002	0.056	0.007	0.017	0.003	0.017	0.016	0.209	0.219	0.205	0.187	0.186	0.174	0.172	0.184	0.182	0.229
4A-5A(UAT)	Front side	0.173	0.162	0.050	0.011	0.069	0.122	0.006	0.026	0.397	0.454	0.507	0.421	0.442	0.474	0.495	0.532	0.552	0.587
	Back side	0.247	0.123	0.154	0.032	0.114	0.601	0.039	0.076	0.556	0.638	1.125	0.554	0.591	1.042	1.079	1.123	1.160	1.271
	Top side	0.004	0.102	0.083	0.001	0.053	0.029	0.010	0.001	0.190	0.242	0.218	0.169	0.161	0.145	0.137	0.197	0.188	0.271
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.742	0.738	0.760	0.744	0.763	0.766	0.785	0.762	0.781	0.768
	Right side	0.052	0.066	0.010	0.002	0.043	0.090	0.002	0.004	0.130	0.171	0.217	0.165	0.167	0.212	0.213	0.253	0.254	0.263
	Left side	0.092	0.052	0.056	0.007	0.017	0.003	0.017	0.016	0.207	0.216	0.203	0.185	0.184	0.172	0.170	0.182	0.180	0.227
4A-5A(LAT)	Front side	0.173	0.176	0.050	0.011	0.069	0.122	0.006	0.026	0.410	0.468	0.521	0.435	0.455	0.488	0.508	0.546	0.566	0.601
	Back side	0.247	0.164	0.154	0.032	0.114	0.601	0.039	0.076	0.597	0.678	1.166	0.595	0.632	1.082	1.119	1.164	1.201	1.312
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.089	0.141	0.117	0.069	0.060	0.045	0.036	0.096	0.087	0.170
	Bottom side	0.734	0.133	0.001	0.006	0.002	0.024	0.001	0.020	0.873	0.869	0.891	0.875	0.894	0.897	0.916	0.893	0.913	0.899
	Right side	0.052	0.122	0.010	0.002	0.043	0.090	0.002	0.004	0.186	0.227	0.273	0.221	0.223	0.267	0.269	0.308	0.310	0.319
	Left side	0.092	0.022	0.056	0.007	0.017	0.003	0.017	0.016	0.177	0.187	0.173	0.156	0.155	0.142	0.141	0.152	0.151	0.198
4A-12A(UAT)	Front side	0.173	0.091	0.050	0.011	0.069	0.122	0.006	0.026	0.325	0.383	0.436	0.350	0.370	0.403	0.423	0.461	0.481	0.516
	Back side	0.247	0.071	0.154	0.032	0.114	0.601	0.039	0.076	0.504	0.586	1.073	0.502	0.539	0.989	1.027	1.071	1.108	1.219
	Top side	0.004	0.062	0.083	0.001	0.053	0.029	0.010	0.001	0.151	0.202	0.178	0.130	0.121	0.106	0.097	0.157	0.148	0.232
	Bottom side	0.734	0.001	0.001	0.006	0.002	0.024	0.001	0.020	0.742	0.738	0.760	0.744	0.763	0.766	0.785	0.762	0.781	0.768
	Right side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.116	0.157	0.203	0.151	0.153	0.197	0.199	0.238	0.240	0.249
	Left side	0.092	0.004	0.056	0.007	0.017	0.003	0.017	0.016	0.159	0.168	0.155	0.137	0.136	0.124	0.122	0.134	0.132	0.179
4A-12A(LAT)	Front side	0.173	0.228	0.050	0.011	0.069	0.122	0.006	0.026	0.462	0.520	0.573	0.487	0.507	0.540	0.560	0.598	0.618	0.653
	Back side	0.247	0.216	0.154	0.032	0.114	0.601	0.039	0.076	0.649	0.731	1.218	0.647	0.684	1.134	1.171	1.216	1.253	1.364
	Top side	0.004	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.089	0.141	0.117	0.069	0.060	0.045	0.036	0.096	0.087	0.171
	Bottom side	0.734	0.187	0.001	0.006	0.002	0.024	0.001	0.020	0.928	0.924	0.946	0.930	0.949	0.952	0.971	0.948	0.968	0.954
	Right side	0.052	0.003	0.010	0.002	0.043	0.090	0.002	0.004	0.067	0.108	0.154	0.102	0.104	0.148	0.150	0.189	0.191	0.200
	Left side	0.092	0.002	0.056	0.007	0.017	0.003	0.017	0.016	0.157	0.167	0.153	0.136	0.135	0.122	0.121	0.132	0.131	0.178
12A(UAT)-6GA	Front side	0.091	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.325	0.383	0.436	0.350	0.370	0.403	0.423	0.461	0.481	0.516
	Back side	0.071	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.504	0.586	1.073	0.502	0.539	0.989	1.027	1.071	1.108	1.219
	Top side	0.062	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.151	0.202	0.178	0.130	0.121	0.106	0.097	0.157	0.148	0.232
	Bottom side	0.001	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.742	0.738	0.760	0.744	0.763	0.766	0.785	0.762	0.781	0.768
	Right side	0.052	0.052	0.010	0.002	0.043	0.090	0.002	0.004	0.116	0.157	0.203	0.151	0.153	0.197	0.199	0.238	0.240	0.249
	Left side	0.004	0.092	0.056	0.007	0.017	0.003	0.017	0.016	0.159	0.168	0.155	0.137	0.136	0.124	0.122	0.134	0.132	0.179
12A(LAT)-6GA	Front side	0.228	0.173	0.050	0.011	0.069	0.122	0.006	0.026	0.462	0.520	0.573	0.487	0.507	0.540	0.560	0.598	0.618	0.653
	Back side	0.216	0.247	0.154	0.032	0.114	0.601	0.039	0.076	0.649	0.731	1.218	0.647	0.684	1.134	1.171	1.216	1.253	1.364
	Top side	0.001	0.004	0.083	0.001	0.053	0.029	0.010	0.001	0.089	0.141	0.117	0.069	0.060	0.045	0.036	0.096	0.087	0.171
	Bottom side	0.187	0.734	0.001	0.006	0.002	0.024	0.001	0.020	0.928	0.924	0.946	0.930	0.949	0.952	0.971	0.948	0.968	0.954
	Right side	0.003	0.052	0.010	0.002														

ENDC_without WLAN

Head

The simultaneous head exposure conditions				
WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	NR Second Band	0+1 Sum
2A-n5A	ReCheek	0.094	0.022	0.116
	ReTilt	0.057	0.012	0.069
	LeCheek	0.143	0.016	0.159
	LeTilt	0.067	0.008	0.076
2A-n71A	ReCheek	0.094	0.012	0.106
	ReTilt	0.057	0.007	0.065
	LeCheek	0.143	0.009	0.152
	LeTilt	0.067	0.004	0.071
5A_UAT-n2A	ReCheek	0.514	0.092	0.606
	ReTilt	0.313	0.055	0.368
	LeCheek	0.367	0.074	0.440
	LeTilt	0.308	0.042	0.350
5A_LAT-n2A	ReCheek	0.141	0.092	0.233
	ReTilt	0.082	0.055	0.136
	LeCheek	0.092	0.074	0.165
	LeTilt	0.051	0.042	0.092
5A_UAT-n66A	ReCheek	0.514	0.047	0.561
	ReTilt	0.313	0.031	0.344
	LeCheek	0.367	0.042	0.409
	LeTilt	0.308	0.023	0.331
5A_LAT-n66A	ReCheek	0.141	0.047	0.188
	ReTilt	0.082	0.031	0.112
	LeCheek	0.092	0.042	0.134
	LeTilt	0.051	0.023	0.074
41A-n41A_UAT	ReCheek	0.148	0.048	0.197
	ReTilt	0.090	0.023	0.113
	LeCheek	0.180	0.013	0.193
	LeTilt	0.107	0.009	0.116
41A-n41A_LAT	ReCheek	0.148	0.009	0.158
	ReTilt	0.090	0.005	0.095
	LeCheek	0.180	0.006	0.185
	LeTilt	0.107	0.002	0.109

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Body-worn

The simultaneous body exposure conditions				
WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	NR Second Band	0+1 Sum
2A-n5A	Front side	0.431	0.039	0.469
	Back side	0.451	0.028	0.479
2A-n71A	Front side	0.431	0.026	0.457
	Back side	0.451	0.015	0.466
5A_UAT-n2A	Front side	0.326	0.221	0.546
	Back side	0.258	0.276	0.535
5A_LAT-n2A	Front side	0.227	0.221	0.448
	Back side	0.365	0.276	0.642
5A_UAT-n66A	Front side	0.326	0.152	0.478
	Back side	0.258	0.120	0.378
5A_LAT-n66A	Front side	0.227	0.152	0.379
	Back side	0.365	0.120	0.485
41A-n41A_UAT	Front side	0.147	0.084	0.231
	Back side	0.208	0.217	0.425
41A-n41A_LAT	Front side	0.147	0.015	0.162
	Back side	0.208	0.104	0.312

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Product specific 10-g SAR

The simultaneous Product specific exposure conditions				
WWAN	Exposure position 10g(W/kg)	0	1	Scenario 1
		LTE First Band	NR Second Band	0+1 Sum
2A-n5A	Front side	0.437	0.260	0.697
	Back side	0.442	0.224	0.666
	Top side	0.003	0.017	0.020
	Bottom side	1.091	0.193	1.284
	Right side	0.177	0.064	0.242
	Left side	0.267	0.039	0.306
2A-n71A	Front side	0.437	0.061	0.498
	Back side	0.442	0.056	0.498
	Top side	0.003	0.003	0.007
	Bottom side	1.091	0.045	1.136
	Right side	0.177	0.015	0.192
	Left side	0.267	0.008	0.275
5A_UAT-n2A	Front side	0.861	0.416	1.277
	Back side	0.671	0.527	1.198
	Top side	0.586	0.003	0.589
	Bottom side	0.006	1.801	1.807
	Right side	0.485	0.108	0.593
	Left side	0.429	0.302	0.732
5A_LAT-n2A	Front side	1.467	0.416	1.883
	Back side	1.217	0.527	1.744
	Top side	0.003	0.003	0.006
	Bottom side	1.057	1.801	2.857
	Right side	0.384	0.108	0.492
	Left side	0.518	0.302	0.821
5A_UAT-n66A	Front side	0.861	0.468	1.329
	Back side	0.671	0.876	1.547
	Top side	0.586	0.001	0.586
	Bottom side	0.006	1.838	1.845
	Right side	0.485	0.025	0.510
	Left side	0.429	0.239	0.668
5A_LAT-n66A	Front side	1.467	0.468	1.935
	Back side	1.217	0.876	2.093
	Top side	0.003	0.001	0.004
	Bottom side	1.057	1.838	2.895
	Right side	0.384	0.025	0.409
	Left side	0.518	0.239	0.757
41A-n41A_UAT	Front side	1.054	0.785	1.839
	Back side	0.907	1.845	2.753
	Top side	0.005	0.068	0.074
	Bottom side	1.472	0.003	1.475
	Right side	0.512	0.123	0.635
	Left side	0.615	0.246	0.861
41A-n41A_LAT	Front side	1.054	0.046	1.100
	Back side	0.907	1.746	2.653
	Top side	0.005	0.007	0.012
	Bottom side	1.472	0.453	1.925
	Right side	0.512	0.040	0.552
	Left side	0.615	0.088	0.703

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**ENDC+SISO_Head+Body
Calling_Head**

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	ReCheek	0.045	0.022	0.606	0.435	0.534	0.390	0.195	0.050	0.673	0.697	0.796	0.651	0.652	0.507
	ReTilt	0.029	0.012	0.231	0.132	0.236	0.160	0.073	0.023	0.272	0.246	0.349	0.300	0.274	0.224
	LeCheek	0.071	0.016	1.102	0.181	0.833	0.206	0.266	0.030	1.189	0.534	1.186	0.950	0.559	0.323
	LeTilt	0.032	0.008	0.476	0.100	0.324	0.101	0.091	0.015	0.516	0.231	0.455	0.379	0.232	0.156
2A-n71A	ReCheek	0.045	0.012	0.606	0.435	0.534	0.390	0.195	0.050	0.663	0.687	0.786	0.641	0.642	0.497
	ReTilt	0.029	0.007	0.231	0.132	0.236	0.160	0.073	0.023	0.267	0.241	0.345	0.295	0.269	0.220
	LeCheek	0.071	0.009	1.102	0.181	0.833	0.206	0.266	0.030	1.182	0.526	1.179	0.943	0.551	0.315
	LeTilt	0.032	0.004	0.476	0.100	0.324	0.101	0.091	0.015	0.511	0.227	0.451	0.375	0.227	0.151
5A_UAT-n2A	ReCheek	0.358	0.036	0.606	0.435	0.534	0.390	0.195	0.050	1.000	1.024	1.123	0.978	0.978	0.834
	ReTilt	0.232	0.019	0.231	0.132	0.236	0.160	0.073	0.023	0.481	0.456	0.559	0.509	0.484	0.434
	LeCheek	0.248	0.027	1.102	0.181	0.833	0.206	0.266	0.030	1.377	0.721	1.374	1.138	0.747	0.510
	LeTilt	0.220	0.014	0.476	0.100	0.324	0.101	0.091	0.015	0.709	0.425	0.649	0.572	0.425	0.349
5A_LAT-n2A	ReCheek	0.141	0.036	0.606	0.435	0.534	0.390	0.195	0.050	0.782	0.807	0.905	0.761	0.761	0.616
	ReTilt	0.082	0.019	0.231	0.132	0.236	0.160	0.073	0.023	0.331	0.306	0.409	0.359	0.334	0.284
	LeCheek	0.092	0.027	1.102	0.181	0.833	0.206	0.266	0.030	1.221	0.565	1.218	0.982	0.591	0.354
	LeTilt	0.051	0.014	0.476	0.100	0.324	0.101	0.091	0.015	0.540	0.256	0.480	0.404	0.257	0.180
5A_UAT-n66A	ReCheek	0.358	0.036	0.606	0.435	0.534	0.390	0.195	0.050	1.000	1.025	1.123	0.979	0.979	0.834
	ReTilt	0.232	0.025	0.231	0.132	0.236	0.160	0.073	0.023	0.488	0.462	0.566	0.516	0.490	0.440
	LeCheek	0.248	0.034	1.102	0.181	0.833	0.206	0.266	0.030	1.383	0.728	1.380	1.144	0.753	0.517
	LeTilt	0.220	0.017	0.476	0.100	0.324	0.101	0.091	0.015	0.712	0.428	0.652	0.575	0.428	0.352
5A_LAT-n66A	ReCheek	0.141	0.036	0.606	0.435	0.534	0.390	0.195	0.050	0.783	0.807	0.906	0.761	0.762	0.617
	ReTilt	0.082	0.025	0.231	0.132	0.236	0.160	0.073	0.023	0.338	0.312	0.415	0.366	0.340	0.290
	LeCheek	0.092	0.034	1.102	0.181	0.833	0.206	0.266	0.030	1.227	0.572	1.224	0.988	0.597	0.361
	LeTilt	0.051	0.017	0.476	0.100	0.324	0.101	0.091	0.015	0.543	0.259	0.483	0.407	0.280	0.183
41A-n41A_UAT	ReCheek	0.148	0.048	0.606	0.435	0.534	0.390	0.195	0.050	0.803	0.827	0.926	0.781	0.781	0.637
	ReTilt	0.090	0.023	0.231	0.132	0.236	0.160	0.073	0.023	0.344	0.319	0.422	0.372	0.347	0.297
	LeCheek	0.180	0.013	1.102	0.181	0.833	0.206	0.266	0.030	1.294	0.639	1.291	1.055	0.664	0.428
	LeTilt	0.107	0.009	0.476	0.100	0.324	0.101	0.091	0.015	0.591	0.307	0.531	0.455	0.308	0.231
41A-n41A_LAT	ReCheek	0.148	0.010	0.606	0.435	0.534	0.390	0.195	0.050	0.764	0.788	0.887	0.742	0.742	0.598
	ReTilt	0.090	0.005	0.231	0.132	0.236	0.160	0.073	0.023	0.326	0.300	0.404	0.354	0.328	0.278
	LeCheek	0.180	0.006	1.102	0.181	0.833	0.206	0.266	0.030	1.287	0.631	1.284	1.048	0.657	0.421
	LeTilt	0.107	0.003	0.476	0.100	0.324	0.101	0.091	0.015	0.585	0.301	0.525	0.449	0.301	0.225
66A-n5A	ReCheek	0.067	0.022	0.606	0.435	0.534	0.390	0.195	0.050	0.695	0.719	0.818	0.673	0.673	0.528
	ReTilt	0.041	0.012	0.231	0.132	0.236	0.160	0.073	0.023	0.284	0.259	0.362	0.312	0.287	0.237
	LeCheek	0.095	0.016	1.102	0.181	0.833	0.206	0.266	0.030	1.212	0.557	1.209	0.973	0.582	0.346
	LeTilt	0.060	0.008	0.476	0.100	0.324	0.101	0.091	0.015	0.544	0.260	0.484	0.408	0.261	0.185
66A-n71A	ReCheek	0.067	0.012	0.606	0.435	0.534	0.390	0.195	0.050	0.685	0.709	0.808	0.663	0.663	0.518
	ReTilt	0.041	0.007	0.231	0.132	0.236	0.160	0.073	0.023	0.280	0.254	0.357	0.308	0.282	0.232
	LeCheek	0.095	0.009	1.102	0.181	0.833	0.206	0.266	0.030	1.205	0.549	1.202	0.966	0.575	0.339
	LeTilt	0.060	0.004	0.476	0.100	0.324	0.101	0.091	0.015	0.540	0.256	0.479	0.403	0.256	0.180

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Calling_Body-worn

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.046	0.013	0.082	0.206	0.002	0.001	0.370	0.340	0.408	0.407	0.533	0.532
	Back side	0.229	0.073	0.164	0.065	0.126	0.486	0.014	0.003	0.466	0.382	0.442	0.431	0.802	0.792
2A-n71A	Front side	0.219	0.031	0.046	0.013	0.082	0.206	0.002	0.001	0.296	0.265	0.334	0.333	0.459	0.458
	Back side	0.229	0.017	0.164	0.065	0.126	0.486	0.014	0.003	0.410	0.325	0.386	0.375	0.746	0.736
5A_UAT-n2A	Front side	0.249	0.124	0.046	0.013	0.082	0.206	0.002	0.001	0.419	0.389	0.457	0.456	0.582	0.581
	Back side	0.192	0.151	0.164	0.065	0.126	0.486	0.014	0.003	0.507	0.422	0.482	0.471	0.842	0.832
5A_LAT-n2A	Front side	0.208	0.124	0.046	0.013	0.082	0.206	0.002	0.001	0.378	0.347	0.416	0.415	0.541	0.540
	Back side	0.203	0.151	0.164	0.065	0.126	0.486	0.014	0.003	0.517	0.433	0.493	0.482	0.853	0.843
5A_UAT-n66A	Front side	0.249	0.135	0.046	0.013	0.082	0.206	0.002	0.001	0.430	0.399	0.468	0.467	0.593	0.592
	Back side	0.192	0.268	0.164	0.065	0.126	0.486	0.014	0.003	0.624	0.540	0.600	0.589	0.960	0.950
5A_LAT-n66A	Front side	0.208	0.135	0.046	0.013	0.082	0.206	0.002	0.001	0.389	0.358	0.427	0.426	0.552	0.551
	Back side	0.203	0.268	0.164	0.065	0.126	0.486	0.014	0.003	0.635	0.551	0.611	0.600	0.971	0.961
41A-n41A_UAT	Front side	0.148	0.084	0.046	0.013	0.082	0.206	0.002	0.001	0.278	0.248	0.316	0.315	0.441	0.440
	Back side	0.206	0.217	0.164	0.065	0.126	0.486	0.014	0.003	0.587	0.502	0.563	0.552	0.923	0.913
41A-n41A_LAT	Front side	0.148	0.032	0.046	0.013	0.082	0.206	0.002	0.001	0.226	0.195	0.264	0.262	0.388	0.387
	Back side	0.206	0.507	0.164	0.065	0.126	0.486	0.014	0.003	0.877	0.793	0.853	0.842	1.213	1.203

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Calling_Hotspot

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN														
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum
2A-n5A	Front side	0.219	0.105	0.110	0.096	0.121	0.428	0.006	0.012	0.435	0.426	0.451	0.458	0.758
	Back side	0.229	0.073	0.358	0.135	0.175	0.819	0.039	0.016	0.660	0.476	0.516	0.494	1.160
	Top side	0.001	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.191	0.080	0.093	0.092	0.397
	Bottom side	0.575	0.010	0.001	0.004	0.002	0.118	0.001	0.001	0.586	0.590	0.588	0.588	0.704
	Right side	0.005	0.001	0.024	0.008	0.072	0.089	0.002	0.001	0.031	0.017	0.081	0.080	0.098
	Left side	0.109	0.001	0.125	0.057	0.022	0.206	0.017	0.008	0.236	0.185	0.151	0.141	0.334
2A-n71A	Front side	0.219	0.031	0.110	0.096	0.121	0.428	0.006	0.012	0.360	0.351	0.377	0.384	0.684
	Back side	0.229	0.017	0.358	0.135	0.175	0.819	0.039	0.016	0.604	0.420	0.460	0.438	1.104
	Top side	0.001	0.002	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.081	0.094	0.093	0.396
	Bottom side	0.575	0.005	0.001	0.004	0.002	0.118	0.001	0.001	0.581	0.585	0.583	0.583	0.699
	Right side	0.005	0.007	0.024	0.008	0.072	0.089	0.002	0.001	0.037	0.022	0.087	0.086	0.104
	Left side	0.109	0.004	0.125	0.057	0.022	0.206	0.017	0.008	0.238	0.188	0.153	0.143	0.337
5A_UAT-n2A	Front side	0.249	0.124	0.110	0.096	0.121	0.428	0.006	0.012	0.483	0.474	0.500	0.507	0.807
	Back side	0.192	0.151	0.358	0.135	0.175	0.819	0.039	0.016	0.700	0.517	0.557	0.534	1.200
	Top side	0.157	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.346	0.236	0.249	0.248	0.552
	Bottom side	0.001	0.520	0.001	0.004	0.002	0.118	0.001	0.001	0.522	0.526	0.524	0.524	0.640
	Right side	0.099	0.035	0.024	0.008	0.072	0.089	0.002	0.001	0.158	0.144	0.209	0.207	0.225
	Left side	0.076	0.080	0.125	0.057	0.022	0.206	0.017	0.008	0.281	0.230	0.195	0.186	0.379
5A_LAT-n2A	Front side	0.208	0.124	0.110	0.096	0.121	0.428	0.006	0.012	0.442	0.433	0.459	0.466	0.766
	Back side	0.203	0.151	0.358	0.135	0.175	0.819	0.039	0.016	0.711	0.527	0.567	0.545	1.211
	Top side	0.002	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.081	0.095	0.093	0.398
	Bottom side	0.186	0.520	0.001	0.004	0.002	0.118	0.001	0.001	0.707	0.711	0.709	0.709	0.825
	Right side	0.146	0.035	0.024	0.008	0.072	0.089	0.002	0.001	0.205	0.191	0.256	0.254	0.272
	Left side	0.031	0.080	0.125	0.057	0.022	0.206	0.017	0.008	0.236	0.185	0.151	0.141	0.334
5A_UAT-n66A	Front side	0.249	0.135	0.110	0.096	0.121	0.428	0.006	0.012	0.494	0.485	0.511	0.518	0.818
	Back side	0.192	0.268	0.358	0.135	0.175	0.819	0.039	0.016	0.818	0.634	0.675	0.652	1.318
	Top side	0.157	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.346	0.236	0.249	0.248	0.552
	Bottom side	0.001	0.594	0.001	0.004	0.002	0.118	0.001	0.001	0.596	0.601	0.599	0.599	0.715
	Right side	0.099	0.005	0.024	0.008	0.072	0.089	0.002	0.001	0.129	0.115	0.179	0.178	0.196
	Left side	0.076	0.074	0.125	0.057	0.022	0.206	0.017	0.008	0.275	0.225	0.190	0.181	0.374
5A_LAT-n66A	Front side	0.208	0.135	0.110	0.096	0.121	0.428	0.006	0.012	0.453	0.444	0.470	0.477	0.777
	Back side	0.203	0.268	0.358	0.135	0.175	0.819	0.039	0.016	0.829	0.645	0.685	0.663	1.329
	Top side	0.002	0.001	0.189	0.068	0.081	0.385	0.010	0.009	0.192	0.082	0.095	0.093	0.398
	Bottom side	0.186	0.594	0.001	0.004	0.002	0.118	0.001	0.001	0.781	0.786	0.783	0.783	0.900
	Right side	0.146	0.005	0.024	0.008	0.072	0.089	0.002	0.001	0.176	0.162	0.226	0.225	0.243
	Left side	0.031	0.074	0.125	0.057	0.022	0.206	0.017	0.008	0.231	0.180	0.145	0.136	0.329
38A-n78A_LAT	Front side	0.143	0.046	0.110	0.096	0.121	0.428	0.006	0.012	0.299	0.290	0.316	0.323	0.623
	Back side	0.206	0.523	0.358	0.135	0.175	0.819	0.039	0.016	1.087	0.903	0.943	0.921	1.564
	Top side	0.001	0.095	0.189	0.068	0.081	0.385	0.010	0.009	0.285	0.174	0.187	0.186	0.490
	Bottom side	0.253	0.035	0.001	0.004	0.002	0.118	0.001	0.001	0.289	0.293	0.291	0.291	0.408
	Right side	0.002	0.004	0.024	0.008	0.072	0.089	0.002	0.001	0.030	0.016	0.081	0.079	0.097
	Left side	0.099	0.049	0.125	0.057	0.022	0.206	0.017	0.008	0.273	0.223	0.188	0.179	0.372
38A-n78A_UAT	Front side	0.143	0.095	0.110	0.096	0.121	0.428	0.006	0.012	0.348	0.339	0.365	0.372	0.672
	Back side	0.206	0.397	0.358	0.135	0.175	0.819	0.039	0.016	0.961	0.777	0.817	0.795	1.460
	Top side	0.001	0.027	0.189	0.068	0.081	0.385	0.010	0.009	0.217	0.106	0.120	0.118	0.423
	Bottom side	0.253	0.004	0.001	0.004	0.002	0.118	0.001	0.001	0.258	0.263	0.260	0.260	0.377
	Right side	0.002	0.013	0.024	0.008	0.072	0.089	0.002	0.001	0.039	0.025	0.089	0.088	0.106
	Left side	0.099	0.005	0.125	0.057	0.022	0.206	0.017	0.008	0.229	0.178	0.143	0.134	0.327
41A-n41A_UAT	Front side	0.148	0.084	0.110	0.096	0.121	0.428	0.006	0.012	0.343	0.334	0.359	0.366	0.673
	Back side	0.206	0.217	0.358	0.135	0.175	0.819	0.039	0.016	0.781	0.597	0.637	0.615	1.281
	Top side	0.001	0.006	0.189	0.068	0.081	0.385	0.010	0.009	0.195	0.085	0.096	0.097	0.401
	Bottom side	0.267	0.004	0.001	0.004	0.002	0.118	0.001	0.001	0.272	0.276	0.274	0.274	0.390
	Right side	0.002	0.013	0.024	0.008	0.072	0.089	0.002	0.001	0.039	0.025	0.090	0.089	0.107
	Left side	0.106	0.025	0.125	0.057	0.022	0.206	0.017	0.008	0.256	0.206	0.171	0.162	0.355
41A-n41A_LAT	Front side	0.148	0.032	0.110	0.096	0.121	0.428	0.006	0.012	0.290	0.281	0.307	0.314	0.621
	Back side	0.206	0.507	0.358	0.135	0.175	0.819	0.039	0.016	1.071	0.887	0.927	0.905	1.571
	Top side	0.001	0.005	0.189	0.068	0.081	0.385	0.010	0.009	0.194	0.084	0.097	0.095	0.400
	Bottom side	0.267	0.134	0.001	0.004	0.002	0.118	0.001	0.001	0.401	0.406	0.403	0.403	0.520
	Right side	0.002	0.025	0.024	0.008	0.072	0.089	0.002	0.001	0.051	0.037	0.101	0.100	0.118
	Left side	0.106	0.059	0.125	0.057	0.022	0.206	0.017	0.008	0.290	0.240	0.205	0.195	0.389

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Camera_Body-worn

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.025	0.004	0.056	0.081	0.003	0.016	0.349	0.331	0.382	0.396	0.408	0.421
	Back side	0.229	0.073	0.076	0.115	0.552	0.395	0.017	0.169	0.378	0.435	0.872	1.024	0.714	0.866
2A-n71A	Front side	0.219	0.031	0.025	0.004	0.056	0.081	0.003	0.016	0.275	0.257	0.308	0.322	0.333	0.347
	Back side	0.229	0.017	0.076	0.115	0.552	0.395	0.017	0.169	0.322	0.379	0.816	0.967	0.658	0.810
5A_UAT-n2A	Front side	0.156	0.124	0.025	0.004	0.056	0.081	0.003	0.016	0.305	0.287	0.338	0.352	0.364	0.377
	Back side	0.123	0.151	0.076	0.115	0.552	0.395	0.017	0.169	0.349	0.406	0.843	0.995	0.685	0.837
5A_LAT-n2A	Front side	0.151	0.124	0.025	0.004	0.056	0.081	0.003	0.016	0.300	0.282	0.334	0.347	0.359	0.372
	Back side	0.145	0.151	0.076	0.115	0.552	0.395	0.017	0.169	0.372	0.428	0.865	1.017	0.707	0.859
5A_UAT-n66A	Front side	0.156	0.135	0.025	0.004	0.056	0.081	0.003	0.016	0.316	0.298	0.349	0.363	0.375	0.388
	Back side	0.123	0.268	0.076	0.115	0.552	0.395	0.017	0.169	0.467	0.524	0.961	1.113	0.803	0.955
5A_LAT-n66A	Front side	0.151	0.135	0.025	0.004	0.056	0.081	0.003	0.016	0.311	0.293	0.344	0.358	0.370	0.383
	Back side	0.145	0.268	0.076	0.115	0.552	0.395	0.017	0.169	0.489	0.546	0.983	1.135	0.825	0.977
41A-n41A_UAT	Front side	0.124	0.084	0.025	0.004	0.056	0.081	0.003	0.016	0.233	0.215	0.266	0.280	0.292	0.305
	Back side	0.164	0.217	0.076	0.115	0.552	0.395	0.017	0.169	0.457	0.513	0.950	1.102	0.793	0.944
41A-n41A_LAT	Front side	0.124	0.018	0.025	0.004	0.056	0.081	0.003	0.016	0.167	0.148	0.200	0.214	0.225	0.239
	Back side	0.164	0.348	0.076	0.115	0.552	0.395	0.017	0.169	0.588	0.645	1.082	1.234	0.924	1.076

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Camera_Hotspot

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN														
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum
2A-n5A	Front side	0.219	0.105	0.088	0.027	0.122	0.083	0.006	0.026	0.412	0.357	0.452	0.473	0.413
	Back side	0.229	0.073	0.225	0.076	0.733	0.769	0.087	0.076	0.527	0.466	1.122	1.111	1.158
	Top side	0.001	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.183	0.076	0.222	0.151	0.078
	Bottom side	0.575	0.010	0.002	0.024	0.001	0.154	0.001	0.020	0.587	0.610	0.587	0.606	0.740
	Right side	0.005	0.001	0.005	0.005	0.031	0.087	0.003	0.004	0.012	0.015	0.041	0.042	0.097
2A-n71A	Left side	0.109	0.001	0.071	0.020	0.112	0.020	0.058	0.016	0.182	0.189	0.281	0.239	0.189
	Front side	0.219	0.031	0.088	0.027	0.122	0.083	0.006	0.026	0.338	0.282	0.378	0.398	0.339
	Back side	0.229	0.017	0.225	0.076	0.733	0.769	0.087	0.076	0.471	0.409	1.066	1.055	1.102
	Top side	0.001	0.002	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.152	0.079
	Bottom side	0.575	0.005	0.002	0.024	0.001	0.154	0.001	0.020	0.582	0.605	0.582	0.601	0.735
5A_UAT-n2A	Right side	0.005	0.007	0.005	0.005	0.031	0.087	0.003	0.004	0.018	0.021	0.047	0.048	0.103
	Left side	0.109	0.004	0.071	0.020	0.112	0.020	0.058	0.016	0.184	0.191	0.283	0.241	0.191
	Front side	0.156	0.124	0.088	0.027	0.122	0.083	0.006	0.026	0.368	0.313	0.408	0.429	0.369
	Back side	0.123	0.151	0.225	0.076	0.733	0.769	0.087	0.076	0.498	0.437	1.093	1.082	1.129
	Top side	0.100	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.282	0.175	0.321	0.250	0.177
5A_LAT-n2A	Bottom side	0.001	0.520	0.002	0.024	0.001	0.154	0.001	0.020	0.523	0.546	0.523	0.542	0.676
	Right side	0.064	0.035	0.005	0.005	0.031	0.087	0.003	0.004	0.104	0.107	0.133	0.134	0.189
	Left side	0.048	0.080	0.071	0.020	0.112	0.020	0.058	0.016	0.198	0.205	0.297	0.255	0.205
	Front side	0.151	0.124	0.088	0.027	0.122	0.083	0.006	0.026	0.363	0.308	0.403	0.424	0.364
	Back side	0.145	0.151	0.225	0.076	0.733	0.769	0.087	0.076	0.520	0.459	1.115	1.104	1.151
5A_UAT-n66A	Top side	0.002	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.151	0.078
	Bottom side	0.132	0.520	0.002	0.024	0.001	0.154	0.001	0.020	0.654	0.677	0.654	0.673	0.806
	Right side	0.107	0.035	0.005	0.005	0.031	0.087	0.003	0.004	0.147	0.150	0.176	0.177	0.232
	Left side	0.022	0.080	0.071	0.020	0.112	0.020	0.058	0.016	0.172	0.179	0.271	0.230	0.179
	Front side	0.156	0.135	0.088	0.027	0.122	0.083	0.006	0.026	0.379	0.323	0.419	0.439	0.380
5A_LAT-n66A	Back side	0.123	0.268	0.225	0.076	0.733	0.769	0.087	0.076	0.616	0.555	1.211	1.200	1.247
	Top side	0.100	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.283	0.175	0.321	0.250	0.177
	Bottom side	0.001	0.594	0.002	0.024	0.001	0.154	0.001	0.020	0.598	0.621	0.598	0.617	0.750
	Right side	0.064	0.005	0.005	0.005	0.031	0.087	0.003	0.004	0.075	0.077	0.104	0.104	0.160
	Left side	0.048	0.074	0.071	0.020	0.112	0.020	0.058	0.016	0.193	0.200	0.292	0.250	0.200
41A-n41A_UAT	Front side	0.151	0.135	0.088	0.027	0.122	0.083	0.006	0.026	0.374	0.318	0.414	0.435	0.375
	Back side	0.145	0.268	0.225	0.076	0.733	0.769	0.087	0.076	0.638	0.577	1.233	1.222	1.269
	Top side	0.002	0.001	0.181	0.001	0.147	0.003	0.072	0.001	0.184	0.077	0.223	0.151	0.079
	Bottom side	0.132	0.594	0.002	0.024	0.001	0.154	0.001	0.020	0.728	0.751	0.728	0.747	0.881
	Right side	0.107	0.005	0.005	0.005	0.031	0.087	0.003	0.004	0.118	0.121	0.147	0.148	0.203
41A-n41A_LAT	Left side	0.022	0.074	0.071	0.020	0.112	0.020	0.058	0.016	0.167	0.174	0.266	0.224	0.174
	Front side	0.124	0.084	0.088	0.027	0.122	0.083	0.006	0.026	0.296	0.240	0.336	0.357	0.297
	Back side	0.164	0.217	0.225	0.076	0.733	0.769	0.087	0.076	0.605	0.544	1.201	1.189	1.237
	Top side	0.001	0.006	0.181	0.001	0.147	0.003	0.072	0.001	0.188	0.080	0.227	0.155	0.082
	Bottom side	0.213	0.004	0.002	0.024	0.001	0.154	0.001	0.020	0.219	0.242	0.219	0.239	0.372

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Normal_Landscape_Body

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.046	0.004	0.082	0.081	0.002	0.016	0.370	0.330	0.408	0.422	0.407	0.421
	Back side	0.229	0.073	0.164	0.115	0.126	0.395	0.014	0.169	0.466	0.431	0.442	0.597	0.711	0.866
2A-n71A	Front side	0.219	0.031	0.046	0.004	0.082	0.081	0.002	0.016	0.296	0.256	0.334	0.348	0.333	0.347
	Back side	0.229	0.017	0.164	0.115	0.126	0.395	0.014	0.169	0.410	0.375	0.386	0.541	0.655	0.810
5A_UAT-n2A	Front side	0.209	0.124	0.046	0.004	0.082	0.081	0.002	0.016	0.380	0.340	0.417	0.431	0.416	0.430
	Back side	0.164	0.151	0.164	0.115	0.126	0.395	0.014	0.169	0.479	0.444	0.454	0.609	0.723	0.878
5A_LAT-n2A	Front side	0.190	0.124	0.046	0.004	0.082	0.081	0.002	0.016	0.360	0.320	0.398	0.412	0.397	0.411
	Back side	0.183	0.151	0.164	0.115	0.126	0.395	0.014	0.169	0.497	0.462	0.473	0.628	0.742	0.897
5A_UAT-n66A	Front side	0.209	0.135	0.046	0.004	0.082	0.081	0.002	0.016	0.390	0.350	0.428	0.442	0.427	0.441
	Back side	0.164	0.268	0.164	0.115	0.126	0.395	0.014	0.169	0.597	0.562	0.572	0.727	0.841	0.996
5A_LAT-n66A	Front side	0.190	0.135	0.046	0.004	0.082	0.081	0.002	0.016	0.371	0.331	0.409	0.423	0.408	0.422
	Back side	0.183	0.268	0.164	0.115	0.126	0.395	0.014	0.169	0.615	0.580	0.591	0.746	0.860	1.015
41A-n41A_UAT	Front side	0.171	0.084	0.046	0.004	0.082	0.081	0.002	0.016	0.300	0.260	0.338	0.352	0.337	0.351
	Back side	0.235	0.217	0.164	0.115	0.126	0.395	0.014	0.169	0.616	0.581	0.591	0.747	0.860	1.016
41A-n41A_LAT	Front side	0.171	0.032	0.046	0.004	0.082	0.081	0.002	0.016	0.248	0.208	0.286	0.300	0.285	0.299
	Back side	0.235	0.507	0.164	0.115	0.126	0.395	0.014	0.169	0.906	0.871	0.881	1.037	1.150	1.306

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Normal_Landscape_Hotspot

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN																
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum	
2A-n5A	Front side	0.219	0.105	0.110	0.027	0.121	0.083	0.006	0.026	0.435	0.357	0.451	0.472	0.413	0.433	
	Back side	0.229	0.073	0.358	0.076	0.175	0.769	0.039	0.076	0.660	0.417	0.516	0.553	1.109	1.147	
	Top side	0.001	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.191	0.013	0.093	0.085	0.015	0.006	
	Bottom side	0.575	0.010	0.001	0.024	0.002	0.154	0.001	0.020	0.586	0.610	0.588	0.607	0.740	0.759	
	Right side	0.005	0.001	0.024	0.005	0.072	0.087	0.002	0.004	0.031	0.014	0.081	0.083	0.096	0.098	
2A-n71A	Left side	0.109	0.001	0.125	0.020	0.022	0.020	0.017	0.016	0.236	0.148	0.151	0.149	0.148	0.147	
	Front side	0.219	0.031	0.110	0.027	0.121	0.083	0.006	0.026	0.360	0.282	0.377	0.397	0.339	0.359	
	Back side	0.229	0.017	0.358	0.076	0.175	0.769	0.039	0.076	0.604	0.361	0.460	0.497	1.053	1.090	
	Top side	0.001	0.002	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.086	0.016	0.007	
	Bottom side	0.575	0.005	0.001	0.024	0.002	0.154	0.001	0.020	0.581	0.605	0.583	0.602	0.735	0.754	
5A_UAT-n2A	Right side	0.005	0.007	0.024	0.005	0.072	0.087	0.002	0.004	0.037	0.020	0.087	0.089	0.102	0.103	
	Left side	0.109	0.004	0.125	0.020	0.022	0.020	0.017	0.016	0.238	0.150	0.153	0.151	0.150	0.149	
	Front side	0.209	0.124	0.110	0.027	0.121	0.083	0.006	0.026	0.444	0.366	0.461	0.481	0.422	0.443	
	Back side	0.164	0.151	0.358	0.076	0.175	0.769	0.039	0.076	0.673	0.429	0.529	0.566	1.122	1.159	
	Top side	0.143	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.333	0.155	0.235	0.227	0.157	0.148	
5A_LAT-n2A	Bottom side	0.001	0.520	0.001	0.024	0.002	0.154	0.001	0.020	0.522	0.546	0.524	0.543	0.676	0.695	
	Right side	0.084	0.035	0.024	0.005	0.072	0.087	0.002	0.004	0.143	0.126	0.193	0.195	0.208	0.210	
	Left side	0.063	0.080	0.125	0.020	0.022	0.020	0.017	0.016	0.268	0.180	0.182	0.181	0.180	0.179	
	Front side	0.190	0.124	0.110	0.027	0.121	0.083	0.006	0.026	0.424	0.346	0.441	0.461	0.403	0.423	
	Back side	0.183	0.151	0.358	0.076	0.175	0.769	0.039	0.076	0.691	0.448	0.547	0.584	1.141	1.178	
5A_UAT-n66A	Top side	0.002	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.085	0.016	0.007	
	Bottom side	0.167	0.520	0.001	0.024	0.002	0.154	0.001	0.020	0.688	0.712	0.690	0.709	0.841	0.861	
	Right side	0.132	0.035	0.024	0.005	0.072	0.087	0.002	0.004	0.190	0.173	0.241	0.242	0.255	0.257	
	Left side	0.028	0.080	0.125	0.020	0.022	0.020	0.017	0.016	0.233	0.145	0.147	0.146	0.145	0.144	
	Front side	0.209	0.135	0.110	0.027	0.121	0.083	0.006	0.026	0.455	0.377	0.472	0.492	0.433	0.454	
5A_LAT-n66A	Back side	0.164	0.268	0.358	0.076	0.175	0.769	0.039	0.076	0.790	0.547	0.647	0.684	1.240	1.277	
	Top side	0.143	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.333	0.155	0.235	0.227	0.157	0.148	
	Bottom side	0.001	0.594	0.001	0.024	0.002	0.154	0.001	0.020	0.596	0.621	0.599	0.618	0.750	0.769	
	Right side	0.084	0.005	0.024	0.005	0.072	0.087	0.002	0.004	0.114	0.096	0.164	0.166	0.179	0.180	
	Left side	0.063	0.074	0.125	0.020	0.022	0.020	0.017	0.016	0.263	0.175	0.177	0.176	0.175	0.174	
41A-n41A_UAT	Front side	0.190	0.135	0.110	0.027	0.121	0.083	0.006	0.026	0.435	0.357	0.452	0.472	0.414	0.434	
	Back side	0.183	0.268	0.358	0.076	0.175	0.769	0.039	0.076	0.809	0.566	0.665	0.702	1.258	1.296	
	Top side	0.002	0.001	0.189	0.001	0.081	0.003	0.010	0.001	0.192	0.014	0.094	0.086	0.016	0.007	
	Bottom side	0.167	0.594	0.001	0.024	0.002	0.154	0.001	0.020	0.762	0.786	0.764	0.784	0.916	0.935	
	Right side	0.132	0.005	0.024	0.005	0.072	0.087	0.002	0.004	0.161	0.144	0.212	0.213	0.226	0.228	
41A-n41A_LAT	Left side	0.028	0.074	0.125	0.020	0.022	0.020	0.017	0.016	0.227	0.140	0.142	0.141	0.140	0.138	
	Front side	0.171	0.084	0.110	0.027	0.121	0.083	0.006	0.026	0.365	0.287	0.382	0.402	0.343	0.364	
	Back side	0.235	0.217	0.358	0.076	0.175	0.769	0.039	0.076	0.810	0.567	0.666	0.703	1.259	1.296	
	Top side	0.001	0.006	0.189	0.001	0.081	0.003	0.010	0.001	0.195	0.018	0.098	0.089	0.020	0.011	
	Bottom side	0.296	0.004	0.001	0.024	0.002	0.154	0.001	0.020	0.301	0.325	0.303	0.322	0.455	0.474	
41A-n41A_LAT	Right side	0.002	0.013	0.024	0.005	0.072	0.087	0.002	0.004	0.039	0.022	0.090	0.091	0.104	0.106	
	Left side	0.123	0.025	0.125	0.020	0.022	0.020	0.017	0.016	0.273	0.185	0.188	0.187	0.186	0.184	
	Front side	0.171	0.032	0.110	0.027	0.121	0.083	0.006	0.026	0.312	0.234	0.329	0.349	0.291	0.311	
	Back side	0.235	0.507	0.358	0.076	0.175	0.769	0.039	0.076	1.100	0.857	0.956	0.993	1.549	1.586	
	Top side	0.001	0.005	0.189	0.001	0.081	0.003	0.010	0.001	0.194	0.017	0.097	0.088	0.019	0.010	
41A-n41A_LAT	Bottom side	0.296	0.134	0.001	0.024	0.002	0.154	0.001	0.020	0.430	0.454	0.432	0.452	0.584	0.603	
	Right side	0.002	0.025	0.024	0.005	0.072	0.087	0.002	0.004	0.051	0.034	0.101	0.103	0.116	0.118	
	Left side	0.123	0.059	0.125	0.020	0.022	0.020	0.017	0.016	0.307	0.219	0.222	0.220	0.219	0.218	

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Gaming_Body

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.046	0.004	0.082	0.083	0.002	0.016	0.370	0.330	0.408	0.422	0.410	0.423
	Back side	0.229	0.073	0.164	0.115	0.126	0.451	0.014	0.169	0.466	0.431	0.442	0.597	0.767	0.922
2A-n71A	Front side	0.219	0.031	0.046	0.004	0.082	0.083	0.002	0.016	0.296	0.256	0.334	0.348	0.335	0.349
	Back side	0.229	0.017	0.164	0.115	0.126	0.451	0.014	0.169	0.410	0.375	0.386	0.541	0.711	0.866
5A_UAT-n2A	Front side	0.156	0.124	0.046	0.004	0.082	0.083	0.002	0.016	0.326	0.286	0.364	0.378	0.366	0.379
	Back side	0.123	0.151	0.164	0.115	0.126	0.451	0.014	0.169	0.437	0.402	0.413	0.568	0.738	0.893
5A_LAT-n2A	Front side	0.208	0.124	0.046	0.004	0.082	0.083	0.002	0.016	0.378	0.338	0.416	0.430	0.417	0.431
	Back side	0.203	0.151	0.164	0.115	0.126	0.451	0.014	0.169	0.517	0.483	0.493	0.648	0.818	0.973
5A_UAT-n66A	Front side	0.156	0.135	0.046	0.004	0.082	0.083	0.002	0.016	0.337	0.297	0.375	0.389	0.376	0.390
	Back side	0.123	0.268	0.164	0.115	0.126	0.451	0.014	0.169	0.555	0.520	0.531	0.686	0.856	1.011
5A_LAT-n66A	Front side	0.208	0.135	0.046	0.004	0.082	0.083	0.002	0.016	0.389	0.349	0.427	0.441	0.428	0.442
	Back side	0.203	0.268	0.164	0.115	0.126	0.451	0.014	0.169	0.635	0.600	0.611	0.766	0.936	1.091
41A-n41A UAT	Front side	0.148	0.084	0.046	0.004	0.082	0.083	0.002	0.016	0.278	0.238	0.316	0.330	0.318	0.331
	Back side	0.206	0.217	0.164	0.115	0.126	0.451	0.014	0.169	0.587	0.552	0.563	0.718	0.888	1.043
41A-n41A LAT	Front side	0.148	0.023	0.046	0.004	0.082	0.083	0.002	0.016	0.217	0.177	0.255	0.269	0.256	0.270
	Back side	0.206	0.436	0.164	0.115	0.126	0.451	0.014	0.169	0.806	0.772	0.782	0.937	1.107	1.262

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Gaming_Hotspot

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN															
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2 Sum	0+1+3+6 Sum	0+1+4+6 Sum	0+1+4+7 Sum	0+1+5+6 Sum	0+1+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.110	0.027	0.121	0.122	0.006	0.026	0.435	0.357	0.451	0.472	0.452	0.472
	Back side	0.229	0.073	0.358	0.076	0.175	0.601	0.039	0.076	0.660	0.417	0.516	0.553	0.942	0.979
	Top side	0.001	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.191	0.013	0.093	0.085	0.041	0.032
	Bottom side	0.575	0.010	0.001	0.024	0.002	0.024	0.001	0.020	0.586	0.610	0.588	0.607	0.610	0.629
	Right side	0.005	0.001	0.024	0.005	0.072	0.090	0.002	0.004	0.031	0.014	0.081	0.083	0.099	0.100
2A-n71A	Left side	0.109	0.001	0.125	0.020	0.022	0.003	0.017	0.016	0.236	0.148	0.151	0.149	0.132	0.130
	Front side	0.219	0.031	0.110	0.027	0.121	0.122	0.006	0.026	0.360	0.282	0.377	0.397	0.378	0.398
	Back side	0.229	0.017	0.358	0.076	0.175	0.601	0.039	0.076	0.604	0.361	0.460	0.497	0.886	0.923
	Top side	0.001	0.002	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.094	0.086	0.042	0.033
	Bottom side	0.575	0.005	0.001	0.024	0.002	0.024	0.001	0.020	0.581	0.605	0.583	0.602	0.605	0.624
5A_UAT-n2A	Right side	0.005	0.007	0.024	0.005	0.072	0.090	0.002	0.004	0.037	0.020	0.087	0.089	0.104	0.106
	Left side	0.109	0.004	0.125	0.020	0.022	0.003	0.017	0.016	0.238	0.150	0.153	0.151	0.134	0.133
	Front side	0.156	0.124	0.110	0.027	0.121	0.122	0.006	0.026	0.391	0.313	0.407	0.428	0.408	0.428
	Back side	0.123	0.151	0.358	0.076	0.175	0.601	0.039	0.076	0.631	0.388	0.487	0.524	0.913	0.950
	Top side	0.100	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.290	0.112	0.193	0.184	0.140	0.131
5A_LAT-n2A	Bottom side	0.001	0.520	0.001	0.024	0.002	0.024	0.001	0.020	0.522	0.546	0.524	0.543	0.546	0.565
	Right side	0.064	0.035	0.024	0.005	0.072	0.090	0.002	0.004	0.123	0.105	0.173	0.175	0.190	0.192
	Left side	0.048	0.080	0.125	0.020	0.022	0.003	0.017	0.016	0.252	0.164	0.167	0.166	0.148	0.147
	Front side	0.208	0.124	0.110	0.027	0.121	0.122	0.006	0.026	0.442	0.364	0.459	0.479	0.460	0.480
	Back side	0.203	0.151	0.358	0.076	0.175	0.601	0.039	0.076	0.711	0.468	0.567	0.604	0.993	1.030
5A_UAT-n6A	Top side	0.002	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.095	0.086	0.042	0.033
	Bottom side	0.186	0.520	0.001	0.024	0.002	0.024	0.001	0.020	0.707	0.731	0.709	0.728	0.731	0.750
	Right side	0.146	0.035	0.024	0.005	0.072	0.090	0.002	0.004	0.205	0.188	0.256	0.257	0.273	0.274
	Left side	0.031	0.080	0.125	0.020	0.022	0.003	0.017	0.016	0.236	0.148	0.151	0.149	0.132	0.130
	Front side	0.156	0.135	0.110	0.027	0.121	0.122	0.006	0.026	0.401	0.324	0.418	0.438	0.419	0.439
5A_LAT-n6A	Back side	0.123	0.268	0.358	0.076	0.175	0.601	0.039	0.076	0.749	0.506	0.605	0.642	1.031	1.068
	Top side	0.100	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.290	0.112	0.193	0.184	0.140	0.131
	Bottom side	0.001	0.594	0.001	0.024	0.002	0.024	0.001	0.020	0.596	0.620	0.599	0.618	0.620	0.640
	Right side	0.064	0.005	0.024	0.005	0.072	0.090	0.002	0.004	0.094	0.076	0.144	0.146	0.161	0.163
	Left side	0.048	0.074	0.125	0.020	0.022	0.003	0.017	0.016	0.247	0.159	0.162	0.160	0.143	0.141
41A-n41A_UAT	Front side	0.208	0.135	0.110	0.027	0.121	0.122	0.006	0.026	0.453	0.375	0.470	0.490	0.471	0.491
	Back side	0.203	0.268	0.358	0.076	0.175	0.601	0.039	0.076	0.829	0.586	0.685	0.722	1.111	1.148
	Top side	0.002	0.001	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.014	0.095	0.086	0.042	0.033
	Bottom side	0.186	0.594	0.001	0.024	0.002	0.024	0.001	0.020	0.781	0.805	0.783	0.803	0.805	0.824
	Right side	0.146	0.005	0.024	0.005	0.072	0.090	0.002	0.004	0.176	0.159	0.226	0.228	0.243	0.245
41A-n41A_LAT	Left side	0.031	0.074	0.125	0.020	0.022	0.003	0.017	0.016	0.231	0.143	0.145	0.144	0.126	0.125
	Front side	0.148	0.084	0.110	0.027	0.121	0.122	0.006	0.026	0.343	0.265	0.359	0.380	0.360	0.380
	Back side	0.206	0.217	0.358	0.076	0.175	0.601	0.039	0.076	0.781	0.538	0.637	0.674	1.063	1.100
	Top side	0.001	0.006	0.189	0.001	0.081	0.029	0.010	0.001	0.195	0.018	0.098	0.089	0.045	0.036
	Bottom side	0.267	0.004	0.001	0.024	0.002	0.024	0.001	0.020	0.272	0.296	0.274	0.293	0.296	0.315
41A-n41A_LAT	Right side	0.002	0.013	0.024	0.005	0.072	0.090	0.002	0.004	0.039	0.022	0.090	0.091	0.107	0.108
	Left side	0.106	0.025	0.125	0.020	0.022	0.003	0.017	0.016	0.256	0.169	0.171	0.170	0.152	0.151
	Front side	0.148	0.023	0.110	0.027	0.121	0.122	0.006	0.026	0.282	0.204	0.298	0.319	0.299	0.319
	Back side	0.206	0.436	0.376	0.175	0.601	0.039	0.076	0.000	0.757	0.807	0.894	0.931	2.262	1.941
	Top side	0.001	0.003	0.189	0.001	0.081	0.029	0.010	0.001	0.192	0.015	0.095	0.087	0.041	0.033
41A-n41A_LAT	Bottom side	0.267	0.108	0.001	0.024	0.002	0.024	0.001	0.020	0.376	0.400	0.375	0.397	0.400	0.419
	Right side	0.002	0.018	0.024	0.005	0.072	0.090	0.002	0.004	0.045	0.027	0.095	0.097	0.112	0.114
	Left side	0.106	0.047	0.125	0.020	0.022	0.003	0.017	0.016	0.278	0.190	0.193	0.191	0.174	0.172

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**ENDC+MIMO_Head+Body
Calling_Head**

The simultaneous head exposure conditions for WLAN(calling mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	4+5 Sum
2A-n15A	ReCheek	0.045	0.022	0.225	0.196	0.252	0.175	0.195	0.050	0.488	0.543	0.466	0.709	0.564	0.632	0.488	0.688	0.543	0.914
	ReTilt	0.029	0.012	0.103	0.060	0.132	0.072	0.073	0.023	0.204	0.276	0.216	0.307	0.257	0.247	0.197	0.319	0.269	0.409
	LeCheek	0.071	0.016	0.466	0.082	0.466	0.093	0.235	0.030	0.636	1.020	0.646	0.871	0.665	0.497	0.291	0.881	0.676	1.194
	LeTilt	0.032	0.008	0.213	0.045	0.192	0.043	0.091	0.015	0.298	0.446	0.296	0.369	0.293	0.219	0.143	0.367	0.291	0.534
2A-n71A	ReCheek	0.045	0.012	0.225	0.196	0.252	0.175	0.195	0.050	0.478	0.533	0.456	0.699	0.555	0.623	0.478	0.678	0.533	0.904
	ReTilt	0.029	0.007	0.103	0.060	0.132	0.072	0.073	0.023	0.200	0.271	0.212	0.302	0.252	0.242	0.192	0.314	0.264	0.404
	LeCheek	0.071	0.009	0.466	0.082	0.466	0.093	0.235	0.030	0.628	1.012	0.639	0.863	0.657	0.490	0.284	0.874	0.668	1.187
	LeTilt	0.032	0.004	0.213	0.045	0.192	0.043	0.091	0.015	0.294	0.441	0.292	0.364	0.288	0.215	0.139	0.362	0.286	0.529
5A_UAT-n2A	ReCheek	0.358	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.814	0.870	0.793	1.036	0.891	0.959	0.815	1.015	0.870	1.241
	ReTilt	0.232	0.019	0.103	0.060	0.132	0.072	0.073	0.023	0.414	0.486	0.426	0.516	0.467	0.456	0.407	0.528	0.479	0.619
	LeCheek	0.248	0.027	0.466	0.082	0.466	0.093	0.235	0.030	0.823	1.207	0.834	1.058	0.853	0.685	0.479	1.069	0.863	1.382
	LeTilt	0.220	0.014	0.213	0.045	0.192	0.043	0.091	0.015	0.492	0.639	0.490	0.562	0.486	0.413	0.337	0.560	0.484	0.727
5A_LAT-n2A	ReCheek	0.141	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.597	0.653	0.576	0.819	0.674	0.742	0.597	0.798	0.653	1.023
	ReTilt	0.082	0.019	0.103	0.060	0.132	0.072	0.073	0.023	0.264	0.336	0.276	0.366	0.317	0.306	0.257	0.378	0.328	0.469
	LeCheek	0.092	0.027	0.466	0.082	0.466	0.093	0.235	0.030	0.667	1.051	0.678	0.902	0.697	0.529	0.323	0.913	0.707	1.226
	LeTilt	0.051	0.014	0.213	0.045	0.192	0.043	0.091	0.015	0.323	0.471	0.321	0.394	0.317	0.244	0.168	0.392	0.315	0.559
5A_UAT-n66A	ReCheek	0.358	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.815	0.871	0.794	1.037	0.892	0.960	0.815	1.016	0.871	1.241
	ReTilt	0.232	0.025	0.103	0.060	0.132	0.072	0.073	0.023	0.421	0.492	0.433	0.523	0.473	0.463	0.413	0.535	0.485	0.625
	LeCheek	0.248	0.034	0.466	0.082	0.466	0.093	0.235	0.030	0.830	1.214	0.841	1.065	0.859	0.691	0.486	1.076	0.870	1.388
	LeTilt	0.220	0.017	0.213	0.045	0.192	0.043	0.091	0.015	0.495	0.642	0.493	0.565	0.489	0.416	0.340	0.563	0.487	0.730
5A_LAT-n66A	ReCheek	0.141	0.036	0.225	0.196	0.252	0.175	0.195	0.050	0.598	0.653	0.576	0.819	0.675	0.743	0.598	0.798	0.653	1.024
	ReTilt	0.082	0.025	0.103	0.060	0.132	0.072	0.073	0.023	0.270	0.342	0.282	0.373	0.323	0.313	0.263	0.385	0.335	0.475
	LeCheek	0.092	0.034	0.466	0.082	0.466	0.093	0.235	0.030	0.674	1.058	0.685	0.909	0.703	0.535	0.330	0.920	0.714	1.232
	LeTilt	0.051	0.017	0.213	0.045	0.192	0.043	0.091	0.015	0.326	0.473	0.324	0.397	0.320	0.247	0.171	0.394	0.318	0.561
41A-n41A_UAT	ReCheek	0.148	0.048	0.225	0.196	0.252	0.175	0.195	0.050	0.617	0.673	0.596	0.839	0.694	0.762	0.618	0.818	0.673	1.044
	ReTilt	0.090	0.023	0.103	0.060	0.132	0.072	0.073	0.023	0.277	0.349	0.289	0.379	0.330	0.319	0.270	0.391	0.342	0.482
	LeCheek	0.180	0.013	0.466	0.082	0.466	0.093	0.235	0.030	0.741	1.125	0.752	0.976	0.770	0.602	0.397	0.987	0.781	1.299
	LeTilt	0.107	0.009	0.213	0.045	0.192	0.043	0.091	0.015	0.374	0.521	0.372	0.444	0.368	0.295	0.219	0.442	0.366	0.609
41A-n41A_LAT	ReCheek	0.148	0.010	0.225	0.196	0.252	0.175	0.195	0.050	0.579	0.634	0.557	0.800	0.655	0.723	0.579	0.779	0.634	1.005
	ReTilt	0.090	0.005	0.103	0.060	0.132	0.072	0.073	0.023	0.259	0.330	0.270	0.361	0.311	0.301	0.251	0.373	0.323	0.463
	LeCheek	0.180	0.006	0.466	0.082	0.466	0.093	0.235	0.030	0.733	1.118	0.744	0.968	0.763	0.595	0.389	0.979	0.774	1.292
	LeTilt	0.107	0.003	0.213	0.045	0.192	0.043	0.091	0.015	0.368	0.515	0.366	0.438	0.362	0.289	0.213	0.436	0.360	0.603

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Calling_Body-worn

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.105	0.020	0.005	0.061	0.093	0.002	0.001	0.350	0.406	0.438	0.393	0.392	0.425	0.424	0.481	0.480	0.504
	Back side	0.229	0.073	0.075	0.028	0.080	0.219	0.014	0.003	0.405	0.457	0.596	0.424	0.414	0.563	0.553	0.615	0.604	0.704
2A-n71A	Front side	0.219	0.031	0.020	0.005	0.061	0.093	0.002	0.001	0.276	0.332	0.364	0.319	0.318	0.350	0.349	0.407	0.406	0.430
	Back side	0.229	0.017	0.075	0.028	0.080	0.219	0.014	0.003	0.349	0.401	0.540	0.368	0.358	0.507	0.497	0.559	0.548	0.648
5A_UAT-n2A	Front side	0.249	0.124	0.020	0.005	0.061	0.093	0.002	0.001	0.399	0.455	0.487	0.442	0.441	0.474	0.472	0.530	0.529	0.553
	Back side	0.192	0.151	0.075	0.028	0.080	0.219	0.014	0.003	0.446	0.497	0.636	0.464	0.454	0.604	0.593	0.655	0.645	0.744
5A_LAT-n2A	Front side	0.208	0.124	0.020	0.005	0.061	0.093	0.002	0.001	0.358	0.414	0.446	0.401	0.400	0.432	0.431	0.489	0.488	0.512
	Back side	0.203	0.151	0.075	0.028	0.080	0.219	0.014	0.003	0.456	0.508	0.647	0.475	0.465	0.615	0.604	0.666	0.655	0.755
5A_UAT-n66A	Front side	0.249	0.135	0.020	0.005	0.061	0.093	0.002	0.001	0.410	0.466	0.498	0.453	0.452	0.484	0.483	0.541	0.540	0.564
	Back side	0.192	0.268	0.075	0.028	0.080	0.219	0.014	0.003	0.564	0.615	0.754	0.582	0.572	0.722	0.711	0.773	0.763	0.862
5A_LAT-n66A	Front side	0.208	0.135	0.020	0.005	0.061	0.093	0.002	0.001	0.369	0.425	0.457	0.412	0.411	0.443	0.442	0.500	0.499	0.523
	Back side	0.203	0.268	0.075	0.028	0.080	0.219	0.014	0.003	0.574	0.626	0.765	0.593	0.583	0.732	0.722	0.784	0.773	0.873
41A-n41A UAT	Front side	0.148	0.084	0.020	0.005	0.061	0.093	0.002	0.001	0.258	0.314	0.346	0.301	0.300	0.333	0.332	0.389	0.388	0.413
	Back side	0.206	0.217	0.075	0.028	0.080	0.217	0.014	0.003	0.526	0.578	0.717	0.545	0.535	0.684	0.674	0.736	0.725	0.825
41A-n41A LAT	Front side	0.148	0.032	0.020	0.005	0.061	0.093	0.002	0.001	0.206	0.262	0.293	0.249	0.248	0.280	0.279	0.336	0.335	0.360
	Back side	0.206	0.507	0.075	0.028	0.080	0.219	0.014	0.003	0.816	0.868	1.007	0.835	0.825	0.974	0.964	1.026	1.015	1.115

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Calling_Hotspot

The simultaneous body exposure conditions for WLAN(calling mode and normal Portrait mode) with WWAN																			
	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
WWAN	LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+4+5+7+8 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.105	0.050	0.043	0.069	0.224	0.006	0.012	0.417	0.443	0.588	0.442	0.449	0.597	0.604	0.623	0.630	0.710
	Back side	0.229	0.073	0.154	0.062	0.114	0.466	0.039	0.016	0.519	0.570	0.923	0.517	0.495	0.870	0.847	0.921	0.899	1.099
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.372
	Bottom side	0.575	0.010	0.001	0.001	0.002	0.055	0.001	0.001	0.587	0.588	0.641	0.589	0.589	0.642	0.642	0.643	0.643	0.644
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108
2A-n71A	Front side	0.109	0.001	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.265	0.256	0.330
	Back side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.343	0.369	0.524	0.368	0.374	0.523	0.530	0.549	0.556	0.636
	Top side	0.001	0.017	0.154	0.062	0.114	0.466	0.039	0.016	0.463	0.514	0.867	0.461	0.439	0.813	0.791	0.865	0.843	1.043
	Bottom side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247	0.245	0.268	0.267	0.373
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108
5A_UAT-n2A	Front side	0.109	0.001	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.265	0.256	0.330
	Back side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.343	0.369	0.524	0.368	0.374	0.523	0.530	0.549	0.556	0.636
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.372
	Bottom side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247	0.245	0.268	0.267	0.373
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108
5A_LAT-n2A	Front side	0.109	0.001	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.265	0.256	0.330
	Back side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.343	0.369	0.524	0.368	0.374	0.523	0.530	0.549	0.556	0.636
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.372
	Bottom side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247	0.245	0.268	0.267	0.373
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108
5A_UAT-n6A	Front side	0.109	0.001	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.265	0.256	0.330
	Back side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.343	0.369	0.524	0.368	0.374	0.523	0.530	0.549	0.556	0.636
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.372
	Bottom side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247	0.245	0.268	0.267	0.373
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108
5A_LAT-n6A	Front side	0.109	0.001	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.265	0.256	0.330
	Back side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.343	0.369	0.524	0.368	0.374	0.523	0.530	0.549	0.556	0.636
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.139	0.290	0.097	0.095	0.247	0.246	0.269	0.267	0.373
	Bottom side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.290	0.097	0.095	0.248	0.247	0.270	0.268	0.374
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108
41A-n41A_UAT	Front side	0.109	0.001	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.265	0.256	0.330
	Back side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.343	0.369	0.524	0.368	0.374	0.523	0.530	0.549	0.556	0.636
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.288	0.095	0.094	0.246	0.244	0.267	0.266	0.372
	Bottom side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.289	0.096	0.095	0.247	0.245	0.268	0.267	0.373
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108
41A-n41A_LAT	Front side	0.109	0.001	0.056	0.026	0.017	0.120	0.017	0.008	0.192	0.184	0.287	0.171	0.162	0.274	0.265	0.265	0.256	0.330
	Back side	0.219	0.031	0.050	0.043	0.069	0.224	0.006	0.012	0.343	0.369	0.524	0.368	0.374	0.523	0.530	0.549	0.556	0.636
	Top side	0.001	0.001	0.083	0.031	0.053	0.203	0.010	0.009	0.116	0.138	0.289	0.096	0.095	0.247	0.246	0.269	0.267	0.373
	Bottom side	0.001	0.002	0.083	0.031	0.053	0.203	0.010	0.009	0.117	0.139	0.290	0.097	0.095	0.248	0.247	0.270	0.268	0.374
	Right side	0.005	0.001	0.010	0.003	0.043	0.044	0.002	0.001	0.020	0.060	0.061	0.056	0.054	0.056	0.055	0.087	0.085	0.108

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Camera_Body-worn

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.105	0.009	0.001	0.035	0.051	0.003	0.016	0.335	0.368	0.385	0.363	0.376	0.380	0.393	0.413	0.426	0.421
	Back side	0.229	0.073	0.030	0.048	0.354	0.243	0.017	0.169	0.381	0.686	0.576	0.721	0.873	0.610	0.762	0.916	1.068	0.977
2A-n71A	Front side	0.219	0.031	0.009	0.001	0.035	0.051	0.003	0.016	0.261	0.294	0.311	0.289	0.302	0.306	0.319	0.339	0.352	0.347
	Back side	0.229	0.017	0.030	0.048	0.354	0.243	0.017	0.169	0.324	0.630	0.520	0.665	0.817	0.554	0.706	0.860	1.012	0.921
5A_UAT-n2A	Front side	0.156	0.124	0.009	0.001	0.035	0.051	0.003	0.016	0.291	0.324	0.341	0.319	0.332	0.336	0.349	0.369	0.382	0.377
	Back side	0.123	0.151	0.030	0.048	0.354	0.243	0.017	0.169	0.352	0.657	0.547	0.692	0.844	0.581	0.733	0.887	1.039	0.948
5A_LAT-n2A	Front side	0.151	0.124	0.009	0.001	0.035	0.051	0.003	0.016	0.286	0.319	0.336	0.314	0.327	0.331	0.344	0.364	0.377	0.372
	Back side	0.145	0.151	0.030	0.048	0.354	0.243	0.017	0.169	0.374	0.680	0.569	0.714	0.866	0.604	0.755	0.909	1.061	0.970
5A_UAT-n66A	Front side	0.156	0.135	0.009	0.001	0.035	0.051	0.003	0.016	0.302	0.335	0.352	0.330	0.343	0.347	0.360	0.380	0.393	0.388
	Back side	0.123	0.268	0.030	0.048	0.354	0.243	0.017	0.169	0.470	0.775	0.665	0.810	0.962	0.699	0.851	1.005	1.157	1.066
5A_LAT-n66A	Front side	0.151	0.135	0.009	0.001	0.035	0.051	0.003	0.016	0.297	0.330	0.347	0.325	0.338	0.342	0.355	0.375	0.388	0.383
	Back side	0.145	0.268	0.030	0.048	0.354	0.243	0.017	0.169	0.492	0.798	0.687	0.832	0.984	0.722	0.873	1.027	1.179	1.088
41A-n41A	Front side	0.124	0.084	0.009	0.001	0.035	0.051	0.003	0.016	0.219	0.252	0.269	0.247	0.260	0.264	0.277	0.297	0.310	0.305
	Back side	0.164	0.217	0.030	0.048	0.354	0.243	0.017	0.169	0.459	0.765	0.654	0.799	0.951	0.689	0.841	0.995	1.147	1.056
41A-n41A LAT	Front side	0.124	0.018	0.009	0.001	0.035	0.051	0.003	0.016	0.153	0.186	0.203	0.181	0.194	0.198	0.211	0.231	0.244	0.239
	Back side	0.164	0.348	0.030	0.048	0.354	0.243	0.017	0.169	0.591	0.896	0.786	0.931	1.083	0.821	0.972	1.126	1.278	1.187

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Camera_Hotspot

The simultaneous body exposure conditions for WLAN(Camera mode) with WWAN																		
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.035	0.011	0.077	0.054	0.006	0.026	0.371	0.436	0.413	0.418	0.438	0.395	0.416	0.461	0.481
	Back side	0.229	0.073	0.090	0.032	0.459	0.429	0.087	0.076	0.424	0.851	0.821	0.881	0.889	0.850	0.839	1.278	1.266
	Top side	0.001	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.076	0.159	0.078	0.160	0.088	0.079	0.007	0.162	0.090
	Bottom side	0.575	0.010	0.001	0.006	0.001	0.102	0.001	0.020	0.592	0.587	0.688	0.593	0.612	0.694	0.713	0.689	0.708
	Right side	0.005	0.001	0.002	0.002	0.019	0.043	0.003	0.004	0.011	0.028	0.052	0.032	0.032	0.056	0.056	0.073	0.073
	Left side	0.109	0.001	0.026	0.007	0.073	0.013	0.058	0.016	0.144	0.209	0.149	0.249	0.207	0.189	0.147	0.254	0.212
2A-n71A	Front side	0.219	0.031	0.035	0.011	0.077	0.054	0.006	0.026	0.296	0.362	0.339	0.344	0.364	0.321	0.341	0.387	0.407
	Back side	0.229	0.017	0.090	0.032	0.459	0.429	0.087	0.076	0.368	0.795	0.765	0.825	0.813	0.794	0.783	1.221	1.210
	Top side	0.001	0.002	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.079	0.161	0.089	0.080	0.008	0.163	0.091
	Bottom side	0.575	0.005	0.001	0.006	0.001	0.102	0.001	0.020	0.587	0.582	0.683	0.588	0.607	0.689	0.708	0.684	0.703
	Right side	0.005	0.007	0.002	0.002	0.019	0.043	0.003	0.004	0.017	0.034	0.058	0.038	0.038	0.062	0.062	0.078	0.079
	Left side	0.109	0.004	0.026	0.007	0.073	0.013	0.058	0.016	0.146	0.211	0.152	0.251	0.209	0.191	0.149	0.256	0.214
5A_UAT-n2A	Front side	0.156	0.124	0.035	0.011	0.077	0.054	0.006	0.026	0.327	0.392	0.369	0.374	0.394	0.351	0.372	0.417	0.437
	Back side	0.123	0.151	0.090	0.032	0.459	0.429	0.087	0.076	0.395	0.822	0.792	0.852	0.840	0.821	0.810	1.249	1.237
	Top side	0.100	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.175	0.258	0.177	0.259	0.187	0.178	0.106	0.261	0.189
	Bottom side	0.001	0.520	0.001	0.006	0.001	0.102	0.001	0.020	0.528	0.523	0.623	0.529	0.548	0.629	0.648	0.625	0.644
	Right side	0.064	0.035	0.002	0.002	0.019	0.043	0.003	0.004	0.103	0.120	0.144	0.123	0.124	0.147	0.148	0.164	0.165
	Left side	0.048	0.080	0.026	0.007	0.073	0.013	0.058	0.016	0.160	0.225	0.166	0.265	0.223	0.205	0.163	0.271	0.229
5A_LAT-n2A	Front side	0.151	0.124	0.035	0.011	0.077	0.054	0.006	0.026	0.322	0.387	0.364	0.369	0.389	0.346	0.367	0.412	0.432
	Back side	0.145	0.151	0.090	0.032	0.459	0.429	0.087	0.076	0.417	0.844	0.814	0.874	0.862	0.844	0.832	1.271	1.259
	Top side	0.002	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.079	0.160	0.089	0.080	0.008	0.162	0.091
	Bottom side	0.132	0.520	0.001	0.006	0.001	0.102	0.001	0.020	0.558	0.554	0.754	0.659	0.678	0.760	0.779	0.755	0.774
	Right side	0.107	0.035	0.002	0.002	0.019	0.043	0.003	0.004	0.146	0.163	0.187	0.167	0.167	0.191	0.191	0.208	0.208
	Left side	0.022	0.080	0.026	0.007	0.073	0.013	0.058	0.016	0.134	0.198	0.140	0.239	0.197	0.179	0.137	0.245	0.203
5A_UAT-n66A	Front side	0.156	0.135	0.035	0.011	0.077	0.054	0.006	0.026	0.337	0.403	0.380	0.385	0.405	0.362	0.383	0.428	0.448
	Back side	0.123	0.268	0.090	0.032	0.459	0.429	0.087	0.076	0.513	0.940	0.910	0.970	0.958	0.939	0.928	1.367	1.355
	Top side	0.100	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.175	0.258	0.177	0.259	0.187	0.178	0.106	0.261	0.189
	Bottom side	0.001	0.594	0.001	0.006	0.001	0.102	0.001	0.020	0.602	0.597	0.698	0.603	0.622	0.704	0.723	0.699	0.718
	Right side	0.064	0.005	0.002	0.002	0.019	0.043	0.003	0.004	0.074	0.091	0.115	0.094	0.095	0.118	0.119	0.135	0.136
	Left side	0.048	0.074	0.026	0.007	0.073	0.013	0.058	0.016	0.155	0.220	0.160	0.260	0.218	0.200	0.158	0.265	0.223
5A_LAT-n66A	Front side	0.151	0.135	0.035	0.011	0.077	0.054	0.006	0.026	0.332	0.398	0.375	0.380	0.400	0.357	0.378	0.423	0.443
	Back side	0.145	0.268	0.090	0.032	0.459	0.429	0.087	0.076	0.535	0.962	0.932	0.992	0.980	0.962	0.950	1.389	1.377
	Top side	0.002	0.001	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.079	0.160	0.089	0.080	0.008	0.162	0.091
	Bottom side	0.132	0.594	0.001	0.006	0.001	0.102	0.001	0.020	0.733	0.728	0.829	0.734	0.753	0.835	0.854	0.830	0.849
	Right side	0.107	0.005	0.002	0.002	0.019	0.043	0.003	0.004	0.117	0.134	0.158	0.138	0.138	0.162	0.162	0.178	0.179
	Left side	0.022	0.074	0.026	0.007	0.073	0.013	0.058	0.016	0.129	0.194	0.135	0.234	0.192	0.174	0.132	0.239	0.197
41A-n41A_UAT	Front side	0.124	0.084	0.035	0.011	0.077	0.054	0.006	0.026	0.254	0.320	0.297	0.302	0.322	0.279	0.300	0.345	0.365
	Back side	0.164	0.217	0.090	0.032	0.459	0.429	0.087	0.076	0.502	0.929	0.899	0.959	0.948	0.929	0.917	1.356	1.344
	Top side	0.001	0.006	0.073	0.001	0.084	0.003	0.072	0.001	0.081	0.164	0.083	0.164	0.093	0.083	0.012	0.166	0.095
	Bottom side	0.213	0.004	0.001	0.006	0.001	0.102	0.001	0.020	0.224	0.219	0.320	0.225	0.244	0.326	0.345	0.321	0.340
	Right side	0.001	0.013	0.002	0.002	0.019	0.043	0.003	0.004	0.019	0.036	0.060	0.040	0.040	0.064	0.064	0.080	0.081
	Left side	0.087	0.025	0.026	0.007	0.073	0.013	0.058	0.016	0.145	0.210	0.151	0.250	0.208	0.190	0.148	0.256	0.214
41A-n41A_LAT	Front side	0.124	0.018	0.035	0.011	0.077	0.054	0.006	0.026	0.188	0.254	0.231	0.236	0.256	0.213	0.233	0.279	0.299
	Back side	0.164	0.348	0.090	0.032	0.459	0.429	0.087	0.076	0.634	1.061	1.031	1.091	1.079	1.061	1.049	1.488	1.476
	Top side	0.001	0.003	0.073	0.001	0.084	0.003	0.072	0.001	0.077	0.160	0.080	0.161	0.090	0.090	0.009	0.163	0.092
	Bottom side	0.213	0.088	0.001	0.006	0.001	0.102	0.001	0.020	0.308	0.303	0.404	0.309	0.328	0.409	0.429	0.405	0.424
	Right side	0.001	0.011	0.002	0.002	0.019	0.043	0.003	0.004	0.016	0.033	0.057	0.037	0.037	0.061	0.061	0.078	0.078
	Left side	0.087	0.034	0.026	0.007	0.073	0.013	0.058	0.016	0.154	0.220	0.160	0.259	0.217	0.200	0.158	0.265	0.223

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Normal_Landscape_Body

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN																
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum
2A-n6A	Front side	0.219	0.105	0.020	0.001	0.061	0.051	0.002	0.016	0.346	0.406	0.396	0.389	0.403	0.379	0.393
	Back side	0.229	0.073	0.075	0.048	0.080	0.243	0.014	0.169	0.425	0.457	0.620	0.444	0.599	0.607	0.762
2A-n71A	Front side	0.219	0.031	0.020	0.001	0.061	0.051	0.002	0.016	0.272	0.332	0.322	0.315	0.329	0.305	0.319
	Back side	0.229	0.017	0.075	0.048	0.080	0.243	0.014	0.169	0.369	0.401	0.564	0.387	0.543	0.551	0.706
5A_UAT-n2A	Front side	0.209	0.124	0.020	0.001	0.061	0.051	0.002	0.016	0.356	0.416	0.406	0.399	0.413	0.389	0.403
	Back side	0.164	0.151	0.075	0.048	0.080	0.243	0.014	0.169	0.437	0.469	0.632	0.456	0.611	0.619	0.775
5A_LAT-n2A	Front side	0.190	0.124	0.020	0.001	0.061	0.051	0.002	0.016	0.336	0.396	0.386	0.379	0.393	0.369	0.383
	Back side	0.183	0.151	0.075	0.048	0.080	0.243	0.014	0.169	0.456	0.488	0.651	0.475	0.630	0.638	0.793
5A_UAT-n66A	Front side	0.209	0.135	0.020	0.001	0.061	0.051	0.002	0.016	0.367	0.427	0.417	0.410	0.424	0.400	0.413
	Back side	0.164	0.268	0.075	0.048	0.080	0.243	0.014	0.169	0.555	0.587	0.750	0.574	0.729	0.737	0.892
5A_LAT-n66A	Front side	0.190	0.135	0.020	0.001	0.061	0.051	0.002	0.016	0.347	0.407	0.397	0.390	0.404	0.380	0.394
	Back side	0.183	0.268	0.075	0.048	0.080	0.243	0.014	0.169	0.574	0.606	0.769	0.593	0.748	0.756	0.911
41A-n41A_UAT	Front side	0.171	0.084	0.020	0.001	0.061	0.051	0.002	0.016	0.277	0.337	0.327	0.320	0.333	0.310	0.323
	Back side	0.235	0.217	0.075	0.048	0.080	0.243	0.014	0.169	0.574	0.606	0.770	0.593	0.748	0.757	0.912
41A-n41A_LAT	Front side	0.171	0.032	0.020	0.001	0.061	0.051	0.002	0.016	0.224	0.284	0.274	0.267	0.281	0.257	0.271
	Back side	0.235	0.507	0.075	0.048	0.080	0.243	0.014	0.169	0.864	0.896	1.060	0.883	1.038	1.047	1.202

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Normal_Landscape_Hotspot

The simultaneous body exposure conditions for WLAN(normal landscape mode) with WWAN																			
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain 0	Bluetooth Chain 1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum
2A-n5A	Front side	0.219	0.050	0.011	0.069	0.054	0.006	0.026	0.385	0.443	0.429	0.410	0.430	0.395	0.416	0.453	0.473	0.508	
	Back side	0.229	0.073	0.154	0.032	0.114	0.429	0.039	0.076	0.488	0.570	0.885	0.487	0.524	0.802	0.839	0.884	0.921	1.031
	Top side	0.001	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.086	0.138	0.088	0.066	0.057	0.016	0.007	0.068	0.059	0.142
	Bottom side	0.575	0.010	0.001	0.006	0.002	0.102	0.001	0.020	0.592	0.588	0.688	0.594	0.613	0.693	0.713	0.690	0.709	0.695
	Right side	0.005	0.001	0.010	0.002	0.043	0.043	0.002	0.004	0.019	0.060	0.060	0.055	0.056	0.055	0.056	0.096	0.097	0.106
	Left side	0.109	0.001	0.056	0.007	0.017	0.013	0.017	0.016	0.174	0.184	0.179	0.153	0.151	0.148	0.147	0.158	0.157	0.204
2A-n71A	Front side	0.219	0.031	0.050	0.011	0.069	0.054	0.006	0.026	0.311	0.369	0.354	0.336	0.356	0.321	0.341	0.379	0.399	0.434
	Back side	0.229	0.017	0.154	0.032	0.114	0.429	0.039	0.076	0.432	0.514	0.829	0.431	0.468	0.746	0.783	0.827	0.865	0.975
	Top side	0.001	0.002	0.083	0.001	0.053	0.003	0.010	0.001	0.088	0.139	0.090	0.067	0.058	0.017	0.008	0.069	0.060	0.143
	Bottom side	0.575	0.005	0.001	0.006	0.002	0.102	0.001	0.020	0.587	0.583	0.683	0.589	0.608	0.688	0.708	0.685	0.704	0.690
	Right side	0.005	0.002	0.010	0.002	0.043	0.043	0.002	0.004	0.025	0.066	0.066	0.061	0.062	0.060	0.062	0.101	0.103	0.112
	Left side	0.109	0.004	0.056	0.007	0.017	0.013	0.017	0.016	0.176	0.186	0.182	0.155	0.154	0.151	0.149	0.161	0.159	0.206
5A_UAT-n2A	Front side	0.209	0.124	0.050	0.011	0.069	0.054	0.006	0.026	0.395	0.452	0.437	0.420	0.440	0.405	0.425	0.462	0.483	0.518
	Back side	0.164	0.151	0.154	0.032	0.114	0.429	0.039	0.076	0.501	0.583	0.898	0.499	0.536	0.814	0.851	0.896	0.933	1.043
	Top side	0.143	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.228	0.280	0.230	0.208	0.199	0.158	0.149	0.210	0.201	0.284
	Bottom side	0.001	0.520	0.001	0.006	0.002	0.102	0.001	0.020	0.528	0.524	0.623	0.530	0.549	0.629	0.648	0.625	0.645	0.631
	Right side	0.084	0.035	0.010	0.002	0.043	0.043	0.002	0.004	0.131	0.172	0.172	0.167	0.168	0.167	0.168	0.208	0.209	0.218
	Left side	0.063	0.080	0.056	0.007	0.017	0.013	0.017	0.016	0.206	0.216	0.211	0.185	0.183	0.180	0.179	0.190	0.189	0.236
5A_LAT-n2A	Front side	0.190	0.124	0.050	0.011	0.069	0.054	0.006	0.026	0.375	0.433	0.418	0.400	0.420	0.385	0.405	0.443	0.463	0.498
	Back side	0.183	0.151	0.154	0.032	0.114	0.429	0.039	0.076	0.512	0.601	0.916	0.518	0.555	0.833	0.870	0.915	0.952	1.062
	Top side	0.002	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.066	0.058	0.017	0.008	0.068	0.060	0.143
	Bottom side	0.167	0.520	0.001	0.006	0.002	0.102	0.001	0.020	0.693	0.690	0.789	0.695	0.715	0.795	0.814	0.791	0.810	0.797
	Right side	0.132	0.035	0.010	0.002	0.043	0.043	0.002	0.004	0.179	0.220	0.220	0.214	0.216	0.214	0.216	0.255	0.257	0.265
	Left side	0.028	0.080	0.056	0.007	0.017	0.013	0.017	0.016	0.171	0.181	0.176	0.149	0.148	0.145	0.144	0.155	0.154	0.201
5A_UAT-n66A	Front side	0.209	0.135	0.050	0.011	0.069	0.054	0.006	0.026	0.406	0.463	0.448	0.430	0.451	0.416	0.436	0.473	0.494	0.529
	Back side	0.164	0.268	0.154	0.032	0.114	0.429	0.039	0.076	0.619	0.701	1.016	0.617	0.654	0.932	0.969	1.014	1.051	1.161
	Top side	0.143	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.228	0.280	0.230	0.208	0.199	0.158	0.149	0.210	0.201	0.284
	Bottom side	0.001	0.594	0.001	0.006	0.002	0.102	0.001	0.020	0.690	0.687	0.789	0.693	0.715	0.795	0.814	0.791	0.810	0.797
	Right side	0.084	0.005	0.010	0.002	0.043	0.043	0.002	0.004	0.102	0.143	0.143	0.137	0.139	0.137	0.139	0.178	0.180	0.189
	Left side	0.063	0.074	0.056	0.007	0.017	0.013	0.017	0.016	0.201	0.210	0.206	0.179	0.178	0.175	0.174	0.185	0.184	0.231
5A_LAT-n66A	Front side	0.190	0.135	0.050	0.011	0.069	0.054	0.006	0.026	0.386	0.444	0.429	0.411	0.431	0.396	0.416	0.454	0.474	0.509
	Back side	0.183	0.268	0.154	0.032	0.114	0.429	0.039	0.076	0.637	0.719	1.034	0.636	0.673	0.951	0.988	1.033	1.070	1.180
	Top side	0.002	0.001	0.083	0.001	0.053	0.003	0.010	0.001	0.087	0.139	0.089	0.067	0.058	0.017	0.008	0.069	0.060	0.143
	Bottom side	0.167	0.594	0.001	0.006	0.002	0.102	0.001	0.020	0.768	0.764	0.864	0.770	0.789	0.870	0.889	0.866	0.885	0.872
	Right side	0.132	0.005	0.010	0.002	0.043	0.043	0.002	0.004	0.150	0.191	0.191	0.185	0.187	0.185	0.186	0.226	0.228	0.236
	Left side	0.028	0.074	0.056	0.007	0.017	0.013	0.017	0.016	0.165	0.175	0.171	0.144	0.143	0.140	0.139	0.150	0.148	0.195
41A-n41A_UAT	Front side	0.171	0.084	0.050	0.011	0.069	0.054	0.006	0.026	0.316	0.373	0.358	0.340	0.361	0.326	0.346	0.383	0.404	0.439
	Back side	0.235	0.217	0.154	0.032	0.114	0.429	0.039	0.076	0.638	0.720	1.035	0.636	0.673	0.951	0.988	1.033	1.070	1.181
	Top side	0.001	0.006	0.083	0.001	0.053	0.003	0.010	0.001	0.091	0.143	0.093	0.070	0.061	0.021	0.012	0.072	0.064	0.147
	Bottom side	0.296	0.004	0.001	0.006	0.002	0.102	0.001	0.020	0.307	0.303	0.403	0.309	0.328	0.408	0.428	0.405	0.424	0.411
	Right side	0.002	0.013	0.010	0.002	0.043	0.043	0.002	0.004	0.028	0.069	0.069	0.063	0.065	0.063	0.065	0.104	0.106	0.114
	Left side	0.123	0.025	0.056	0.007	0.017	0.013	0.017	0.016	0.211	0.221	0.217	0.190	0.189	0.186	0.184	0.196	0.194	0.241
41A-n41A_LAT	Front side	0.171	0.032	0.050	0.011	0.069	0.054	0.006	0.026	0.263	0.321	0.306	0.288	0.308	0.273	0.293	0.331	0.351	0.386
	Back side	0.235	0.507	0.154	0.032	0.114	0.429	0.039	0.076	0.928	1.010	1.325	0.926	0.964	1.241	1.279	1.323	1.360	1.471
	Top side	0.001	0.005	0.083	0.001	0.053	0.003	0.010	0.001	0.090	0.141	0.092	0.069	0.060	0.020	0.011	0.071	0.062	0.145
	Bottom side	0.296	0.134	0.001	0.006	0.002	0.102	0.001	0.020	0.438	0.432	0.542	0.438	0.457	0.538	0.557	0.534	0.553	0.540
	Right side	0.002	0.025	0.010	0.002	0.043	0.043	0.002	0.004	0.039	0.080	0.080	0.075	0.076	0.075	0.076	0.116	0.117	0.126
	Left side	0.123	0.059	0.056	0.007	0.017	0.013	0.017	0.016	0.245	0.255	0.251	0.224	0.223	0.220	0.218	0.229	0.228	0.275

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Gaming_Body

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN																				
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10	
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain0	WLAN 2.4GHz Chain1	WLAN 5GHz Chain0	WLAN 5GHz Chain1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum	0+1+4+5+6 Sum	0+1+4+5+7 Sum	0+1+2+3+4+5 Sum	
2A-n5A	Front side	0.219	0.105	0.020	0.001	0.061	0.083	0.002	0.016	0.346	0.406	0.428	0.389	0.403	0.411	0.425	0.471	0.485	0.491	
	Back side	0.229	0.073	0.075	0.048	0.080	0.451	0.014	0.169	0.425	0.457	0.828	0.444	0.599	0.815	0.970	0.847	1.002	0.955	
2A-n71A	Front side	0.219	0.031	0.020	0.001	0.061	0.083	0.002	0.016	0.272	0.332	0.354	0.315	0.329	0.337	0.351	0.397	0.411	0.417	
	Back side	0.229	0.017	0.075	0.048	0.080	0.451	0.014	0.169	0.369	0.401	0.772	0.387	0.543	0.759	0.914	0.791	0.946	0.899	
5A_UAT-n2A	Front side	0.156	0.124	0.020	0.001	0.061	0.083	0.002	0.016	0.302	0.362	0.384	0.345	0.359	0.367	0.381	0.427	0.441	0.447	
	Back side	0.123	0.151	0.075	0.048	0.080	0.451	0.014	0.169	0.396	0.428	0.799	0.415	0.570	0.786	0.941	0.818	0.973	0.926	
5A_LAT-n2A	Front side	0.208	0.124	0.020	0.001	0.061	0.083	0.002	0.016	0.354	0.414	0.436	0.397	0.411	0.419	0.433	0.479	0.493	0.499	
	Back side	0.203	0.151	0.075	0.048	0.080	0.451	0.014	0.169	0.476	0.508	0.879	0.495	0.650	0.866	1.021	0.898	1.053	1.006	
5A_UAT-n66A	Front side	0.156	0.135	0.020	0.001	0.061	0.083	0.002	0.016	0.313	0.373	0.395	0.356	0.370	0.378	0.392	0.438	0.452	0.458	
	Back side	0.123	0.268	0.075	0.048	0.080	0.451	0.014	0.169	0.514	0.546	0.917	0.533	0.688	0.904	1.059	0.936	1.091	1.044	
5A_LAT-n66A	Front side	0.208	0.135	0.020	0.001	0.061	0.083	0.002	0.016	0.365	0.425	0.447	0.408	0.422	0.430	0.444	0.490	0.504	0.510	
	Back side	0.203	0.268	0.075	0.048	0.080	0.451	0.014	0.169	0.594	0.626	0.997	0.613	0.768	0.984	1.139	1.016	1.171	1.124	
n41A_UAT	Front side	0.148	0.084	0.020	0.001	0.061	0.083	0.002	0.016	0.254	0.314	0.336	0.297	0.311	0.319	0.333	0.379	0.393	0.399	
	Back side	0.206	0.217	0.075	0.048	0.080	0.451	0.014	0.169	0.546	0.578	0.949	0.565	0.720	0.936	1.091	0.968	1.123	1.076	
41A-n41A_LAT	Front side	0.148	0.023	0.020	0.001	0.061	0.083	0.002	0.016	0.193	0.253	0.275	0.236	0.250	0.258	0.272	0.318	0.332	0.338	
	Back side	0.206	0.436	0.075	0.048	0.080	0.451	0.014	0.169	0.765	0.797	1.168	0.784	0.939	1.155	1.310	1.187	1.342	1.295	

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Gaming_Hotspot

The simultaneous body exposure conditions for WLAN(Gaming mode) with WWAN																
WWAN	Exposure position 1g(W/kg)	0	1	2	3	4	5	6	7	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7
		LTE First Band	NR Second Band	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	0+1+2+3 Sum	0+1+2+4 Sum	0+1+2+5 Sum	0+1+3+4+6 Sum	0+1+3+4+7 Sum	0+1+3+5+6 Sum	0+1+3+5+7 Sum
2A-n5A	Front side	0.219	0.105	0.050	0.011	0.069	0.122	0.006	0.026	0.385	0.443	0.496	0.410	0.430	0.463	0.483
	Back side	0.229	0.073	0.154	0.032	0.114	0.601	0.039	0.076	0.488	0.570	1.058	0.487	0.524	0.974	1.011
	Top side	0.001	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.086	0.138	0.114	0.066	0.057	0.042	0.033
	Bottom side	0.575	0.010	0.001	0.006	0.002	0.024	0.001	0.020	0.592	0.588	0.610	0.594	0.613	0.616	0.635
	Right side	0.005	0.001	0.010	0.002	0.043	0.090	0.002	0.004	0.019	0.060	0.107	0.055	0.056	0.101	0.103
2A-n71A	Left side	0.109	0.001	0.056	0.007	0.017	0.003	0.017	0.016	0.174	0.184	0.170	0.153	0.151	0.139	0.138
	Front side	0.219	0.031	0.050	0.011	0.069	0.122	0.006	0.026	0.311	0.369	0.422	0.336	0.356	0.389	0.409
	Back side	0.229	0.017	0.154	0.032	0.114	0.601	0.039	0.076	0.432	0.514	1.001	0.431	0.468	0.918	0.955
	Top side	0.001	0.002	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.139	0.115	0.067	0.058	0.043	0.034
	Bottom side	0.575	0.005	0.001	0.006	0.002	0.024	0.001	0.020	0.587	0.583	0.605	0.589	0.608	0.611	0.630
5A_UAT-n2A	Back side	0.005	0.007	0.010	0.002	0.043	0.090	0.002	0.004	0.025	0.066	0.112	0.061	0.062	0.107	0.108
	Left side	0.109	0.004	0.056	0.007	0.017	0.003	0.017	0.016	0.176	0.186	0.172	0.155	0.154	0.141	0.140
	Front side	0.156	0.124	0.050	0.011	0.069	0.122	0.006	0.026	0.341	0.399	0.452	0.366	0.386	0.419	0.439
	Back side	0.123	0.151	0.154	0.032	0.114	0.601	0.039	0.076	0.460	0.541	1.029	0.458	0.495	0.945	0.982
	Top side	0.100	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.186	0.237	0.213	0.165	0.156	0.141	0.132
5A_LAT-n2A	Bottom side	0.001	0.520	0.001	0.006	0.002	0.024	0.001	0.020	0.528	0.524	0.546	0.530	0.549	0.552	0.571
	Right side	0.064	0.035	0.010	0.002	0.043	0.090	0.002	0.004	0.111	0.152	0.198	0.146	0.148	0.193	0.194
	Left side	0.048	0.080	0.056	0.007	0.017	0.003	0.017	0.016	0.190	0.200	0.186	0.169	0.168	0.155	0.154
	Front side	0.208	0.124	0.050	0.011	0.069	0.122	0.006	0.026	0.393	0.451	0.504	0.418	0.438	0.471	0.491
	Back side	0.203	0.151	0.154	0.032	0.114	0.601	0.039	0.076	0.540	0.621	1.109	0.538	0.575	1.025	1.062
5A_UAT-n66A	Back side	0.002	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.139	0.115	0.067	0.058	0.043	0.034
	Bottom side	0.186	0.520	0.001	0.006	0.002	0.024	0.001	0.020	0.712	0.709	0.731	0.714	0.734	0.736	0.756
	Right side	0.146	0.035	0.010	0.002	0.043	0.090	0.002	0.004	0.194	0.235	0.281	0.229	0.230	0.275	0.277
	Left side	0.031	0.080	0.056	0.007	0.017	0.003	0.017	0.016	0.174	0.184	0.170	0.153	0.151	0.139	0.138
	Top side	0.156	0.135	0.050	0.011	0.069	0.122	0.006	0.026	0.352	0.410	0.463	0.377	0.397	0.430	0.450
5A_LAT-n66A	Back side	0.123	0.268	0.154	0.032	0.114	0.601	0.039	0.076	0.577	0.659	1.147	0.576	0.613	1.063	1.100
	Bottom side	0.100	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.186	0.237	0.213	0.165	0.156	0.141	0.132
	Right side	0.064	0.005	0.010	0.002	0.043	0.090	0.002	0.004	0.082	0.123	0.169	0.117	0.119	0.163	0.165
	Left side	0.048	0.074	0.056	0.007	0.017	0.003	0.017	0.016	0.185	0.195	0.181	0.164	0.162	0.150	0.149
	Front side	0.208	0.135	0.050	0.011	0.069	0.122	0.006	0.026	0.404	0.462	0.515	0.429	0.449	0.482	0.502
41A-n41A_UAT	Back side	0.203	0.268	0.154	0.032	0.114	0.601	0.039	0.076	0.657	0.739	1.227	0.656	0.693	1.143	1.180
	Bottom side	0.002	0.001	0.083	0.001	0.053	0.029	0.010	0.001	0.088	0.139	0.115	0.067	0.058	0.043	0.034
	Right side	0.186	0.594	0.001	0.006	0.002	0.024	0.001	0.020	0.787	0.783	0.805	0.789	0.808	0.811	0.830
	Left side	0.146	0.005	0.010	0.002	0.043	0.090	0.002	0.004	0.164	0.205	0.252	0.200	0.201	0.246	0.247
	Top side	0.031	0.074	0.056	0.007	0.017	0.003	0.017	0.016	0.169	0.179	0.165	0.147	0.146	0.134	0.132
41A-n41A_LAT	Front side	0.148	0.084	0.050	0.011	0.069	0.122	0.006	0.026	0.293	0.351	0.404	0.318	0.338	0.371	0.392
	Back side	0.206	0.217	0.154	0.032	0.114	0.601	0.039	0.076	0.609	0.691	1.179	0.608	0.645	1.095	1.132
	Bottom side	0.001	0.006	0.083	0.001	0.053	0.029	0.010	0.001	0.091	0.143	0.119	0.070	0.061	0.046	0.037
	Left side	0.267	0.004	0.001	0.006	0.002	0.024	0.001	0.020	0.278	0.274	0.296	0.280	0.299	0.302	0.321
	Right side	0.002	0.013	0.010	0.002	0.043	0.090	0.002	0.004	0.028	0.069	0.115	0.063	0.065	0.109	0.111

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Inter without WLAN_Body-worn

The simultaneous body-worn exposure conditions for LTE Inter band

WWAN	Exposure position 1g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	Front side	0.267	0.162	0.430
	Back side	0.313	0.123	0.437
2A-5A(LAT)	Front side	0.267	0.113	0.381
	Back side	0.313	0.186	0.499
2A-12A(UAT)	Front side	0.267	0.091	0.359
	Back side	0.313	0.071	0.384
2A-12A(LAT)	Front side	0.267	0.055	0.322
	Back side	0.313	0.159	0.473
4A-5A(UAT)	Front side	0.122	0.162	0.285
	Back side	0.137	0.123	0.260
4A-5A(LAT)	Front side	0.122	0.113	0.235
	Back side	0.137	0.186	0.323
4A-12A(UAT)	Front side	0.122	0.091	0.213
	Back side	0.137	0.071	0.208
4A-12A(LAT)	Front side	0.122	0.055	0.177
	Back side	0.137	0.159	0.296
12A(UAT)-66A	Front side	0.091	0.122	0.213
	Back side	0.071	0.137	0.208
12A(LAT)-66A	Front side	0.055	0.122	0.177
	Back side	0.159	0.137	0.296

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The simultaneous Product specific exposure conditions

WWAN	Exposure position 10g(W/kg)	0	1	Scenario 1
		LTE First Band	LTE Second Band	0+1 Sum
2A-5A(UAT)	Front side	0.493	0.423	0.916
	Back side	0.523	0.321	0.844
	Top side	0.003	0.286	0.289
	Bottom side	1.267	0.002	1.270
	Right side	0.207	0.241	0.448
	Left side	0.319	0.209	0.527
2A-5A(LAT)	Front side	0.493	0.733	1.226
	Back side	0.523	0.591	1.114
	Top side	0.003	0.001	0.004
	Bottom side	1.267	0.520	1.787
	Right side	0.207	0.185	0.392
	Left side	0.319	0.247	0.566
2A-12A(UAT)	Front side	0.493	0.369	0.862
	Back side	0.523	0.238	0.761
	Top side	0.003	0.195	0.198
	Bottom side	1.267	0.001	1.269
	Right side	0.207	0.149	0.357
	Left side	0.319	0.137	0.456
2A-12A(LAT)	Front side	0.493	0.527	1.020
	Back side	0.523	0.413	0.936
	Top side	0.003	0.030	0.033
	Bottom side	1.267	0.370	1.638
	Right side	0.207	0.119	0.326
	Left side	0.319	0.040	0.358
4A-5A(UAT)	Front side	0.527	0.423	0.950
	Back side	0.569	0.321	0.890
	Top side	0.002	0.286	0.288
	Bottom side	1.456	0.002	1.459
	Right side	0.197	0.241	0.438
	Left side	0.289	0.209	0.498
4A-5A(LAT)	Front side	0.527	0.733	1.260
	Back side	0.569	0.591	1.161
	Top side	0.002	0.001	0.004
	Bottom side	1.456	0.520	1.976
	Right side	0.197	0.185	0.381
	Left side	0.289	0.247	0.536
4A-12A(UAT)	Front side	0.527	0.369	0.895
	Back side	0.569	0.238	0.807
	Top side	0.002	0.195	0.197
	Bottom side	1.456	0.001	1.458
	Right side	0.197	0.149	0.346
	Left side	0.289	0.137	0.426
4A-12A(LAT)	Front side	0.527	0.527	1.054
	Back side	0.569	0.413	0.982
	Top side	0.002	0.030	0.032
	Bottom side	1.456	0.370	1.827
	Right side	0.197	0.119	0.316
	Left side	0.289	0.040	0.329
12A(UAT)-66A	Front side	0.369	0.527	0.895
	Back side	0.238	0.569	0.807
	Top side	0.195	0.002	0.197
	Bottom side	0.001	1.456	1.458
	Right side	0.149	0.197	0.346
	Left side	0.137	0.289	0.426
12A(LAT)-66A	Front side	0.527	0.527	1.054
	Back side	0.413	0.569	0.982
	Top side	0.030	0.002	0.032
	Bottom side	0.370	1.456	1.827
	Right side	0.119	0.197	0.316
	Left side	0.040	0.289	0.329

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Calling mode

The simultaneous hotspot exposure conditions for WLAN calling mode and normal Portrait mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.767	0.515	0.581	1.012	0.236	0.081	1.282	1.348	1.779	1.332	1.763	1.829	1.178	1.608	1.674	2.875
Back side	1.157	0.575	0.848	1.165	0.335	0.120	1.732	2.005	2.322	1.757	2.074	2.348	1.543	1.860	2.133	3.745
Top side	0.553	0.418	0.432	0.755	0.159	0.068	0.971	0.985	1.308	1.009	1.332	1.346	0.918	1.241	1.255	2.158
Bottom side	0.008	0.130	0.007	0.181	0.003	0.056	0.138	0.015	0.189	0.140	0.314	0.190	0.193	0.367	0.243	0.326
Right side	0.507	0.110	0.414	0.155	0.113	0.036	0.618	0.921	0.662	0.638	0.379	0.682	0.560	0.301	0.604	1.186
Left side	0.236	0.232	0.207	0.385	0.091	0.059	0.468	0.444	0.622	0.530	0.708	0.684	0.498	0.676	0.652	1.061

camera mode

The simultaneous hotspot exposure conditions for WLAN Camera mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.094	0.047	0.301	0.101	0.024	0.020	0.141	0.395	0.195	0.372	0.172	0.426	0.367	0.167	0.421	0.542
Back side	0.770	0.525	0.914	1.279	0.287	0.147	1.295	1.684	2.049	1.726	2.090	2.480	1.586	1.950	2.340	3.488
Top side	0.125	0.003	0.473	0.015	0.104	0.001	0.128	0.598	0.140	0.580	0.122	0.593	0.477	0.019	0.489	0.616
Bottom side	0.002	0.070	0.003	0.311	0.001	0.029	0.072	0.004	0.312	0.074	0.382	0.315	0.102	0.410	0.342	0.385
Right side	0.108	0.041	0.260	0.134	0.090	0.014	0.149	0.368	0.242	0.391	0.265	0.485	0.315	0.189	0.409	0.543
Left side	0.071	0.009	0.065	0.020	0.058	0.004	0.080	0.136	0.091	0.132	0.087	0.142	0.078	0.033	0.088	0.165

Normal mode

The simultaneous hotspot exposure conditions for WLAN normal landscape mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.767	0.047	0.581	0.101	0.236	0.020	0.814	1.348	0.868	0.864	0.383	0.918	0.648	0.167	0.702	1.496
Back side	1.157	0.525	0.848	1.279	0.335	0.147	1.682	2.005	2.436	1.707	2.138	2.461	1.519	1.950	2.273	3.809
Top side	0.553	0.003	0.432	0.015	0.159	0.001	0.556	0.985	0.568	0.594	0.177	0.606	0.436	0.019	0.448	1.003
Bottom side	0.008	0.070	0.007	0.311	0.003	0.029	0.078	0.015	0.319	0.080	0.384	0.320	0.106	0.410	0.346	0.396
Right side	0.507	0.041	0.414	0.134	0.113	0.014	0.548	0.921	0.642	0.568	0.288	0.662	0.469	0.189	0.563	1.096
Left side	0.236	0.009	0.207	0.020	0.091	0.004	0.245	0.444	0.256	0.308	0.120	0.318	0.221	0.033	0.231	0.473

Gaming mode

The simultaneous hotspot exposure conditions for WLAN Gaming mode

Exposure position 1g(W/kg)	1	2	3	4	5	6	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9	Scenario 10
	WLAN 2.4GHz Chain 0	WLAN 2.4GHz Chain 1	WLAN 5GHz Chain 0	WLAN 5GHz Chain 1	Bluetooth Chain0	Bluetooth Chain1	1+2 Sum	1+3 Sum	1+4 Sum	2+3+5 Sum	2+4+5 Sum	3+4+5 Sum	2+3+6 Sum	2+4+6 Sum	3+4+6 Sum	1+2+3+4 Sum
Front side	0.767	0.047	0.581	0.221	0.236	0.020	0.814	1.348	0.988	0.864	0.504	1.038	0.648	0.288	0.822	1.616
Back side	1.157	0.525	0.848	1.229	0.335	0.147	1.682	2.005	2.387	1.707	2.089	2.412	1.519	1.901	2.224	3.759
Top side	0.553	0.003	0.432	0.016	0.159	0.001	0.556	0.985	0.569	0.594	0.178	0.607	0.436	0.020	0.449	1.004
Bottom side	0.008	0.070	0.007	0.035	0.003	0.029	0.078	0.015	0.043	0.080	0.108	0.045	0.106	0.134	0.071	0.120
Right side	0.507	0.041	0.414	0.186	0.113	0.014	0.548	0.921	0.693	0.568	0.340	0.713	0.469	0.241	0.614	1.148
Left side	0.236	0.009	0.207	0.005	0.091	0.004	0.245	0.444	0.241	0.308	0.105	0.304	0.221	0.018	0.217	0.458

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4. Instruments List

Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Dosimetric E-Field Probe	EX3DV4	3770	May.27,2020	May.26,2021
			7509	Mar.25,2020	Mar.24,2021
SPEAG	System Validation Dipole	D750V3	1015	Aug.23,2019	Aug.22,2020
		D835V2	4d063	Aug.23,2019	Aug.22,2020
		D1750V2	1008	Aug.23,2019	Aug.22,2020
		D1900V2	5d173	Apr.22,2020	Apr.21,2021
		D2300V2	1023	Aug.26,2019	Aug.25,2020
		D2450V2	727	Apr.22,2020	Apr.21,2021
		D2600V2	1005	Jan.29,2020	Jan.28,2021
		D3500V2	1009	Aug.29,2019	Aug.28,2020
		D3700V2	1057	Nov.04,2019	Nov.03,2020
		D5GHzV2	1023	Jan.28,2020	Jan.27,2021
SPEAG	Data acquisition Electronics	DAE4	877	Mar.17,2020	Mar.16,2021
			558	Oct.11,2019	Oct.10,2020
SPEAG	Software	DASY 52 V52.10.4	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	SAM	N/A	Calibration not required	Calibration not required
Network Analyzer	Agilent	E5071C	MY46100433	Dec.13,2019	Dec.12,2020
Agilent	Dielectric Probe Kit	85070E	MY44300677	Calibration not required	Calibration not required
Agilent	Dual-directional coupler	772D	MY52180142	Aug.30,2019	Aug.29,2020
		778D	MY52180302	Aug.30,2019	Aug.29,2020

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Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
Agilent	MXG Analog Signal Generator	N5181A	MY50144142	Dec.12,2019	Dec.11,2020
Agilent	Power Meter	ML2496A	1337004	Sep.19,2019	Sep.18,2020
Agilent	Power Sensor	MA2411B	1306052	Sep.19,2019	Sep.18,2020
TECPEL	Digital thermometer	DTM-303A	TP190085	Dec.16,2019	Dec.15,2020
Anritsu	Radio Communication Test	MT8820C	6201061014	Dec.08,2019	Dec.07,2020
R&S	Radio Communication Test	CMW 500	125470	Dec.11,2019	Dec.10,2020

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5. Uncertainty Budget

Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	c	D	e		f	g	$h=c * f / e$	$i=c * g / e$	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	v_i , or V_{eff}
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
<i>Isotropy , Axial</i>	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	3.17%	N	1	1	0.64	0.43	2.03%	1.36%	M
Liquid Conductivity (mea.)	4.55%	N	1	1	0.6	0.49	2.73%	2.23%	M
Combined standard uncertainty		RSS					11.91%	11.70%	
Expant uncertainty (95% confidence interval), K=2							23.83%	23.41%	

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Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
Isotropy , Axial	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
Isotropy, Hemispherical	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	2.81%	N	1	1	0.64	0.43	1.80%	1.21%	M
Liquid Conductivity (mea.)	2.94%	N	1	1	0.6	0.49	1.76%	1.44%	M
Combined standard uncertainty		RSS					11.98%	11.86%	
Expan uncertainty (95% confidence interval), K=2							23.97%	23.71%	

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Appendixes

Refer to separated files for the following appendixes.

ES202030005 SAR_Appendix A Photographs

ES202030005 SAR_Appendix B DAE & Probe Cal. Certificate

ES202030005 SAR_Appendix C Phantom Description & Dipole Cal. Certificate

ES202030005 SAR_Appendix D Detailed Test Results

- End of report -

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