

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01 Rev. A/0 May15,2023

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Right cheek	100	OFDM QPSK 1_1	662000/3930	100%	0.661	0.250	0.05	17.58	19.00	1.387	0.917	22.1
Head Test Data (50%RB) DSI4												
Left cheek	100	OFDM QPSK 135_69	657200/3858	100%	0.202	0.090	-0.05	18.31	19.00	1.172	0.237	22.1
Left tilted	100	OFDM QPSK 135_69	657200/3858	100%	0.140	0.061	-0.07	18.31	19.00	1.172	0.164	22.1
Right cheek	100	OFDM QPSK 135_69	657200/3858	100%	0.577	0.220	-0.02	18.31	19.00	1.172	0.676	22.1
Right tilted	100	OFDM QPSK 135_69	657200/3858	100%	0.078	0.037	0.08	18.31	19.00	1.172	0.091	22.1
Right cheek	100	OFDM QPSK 135_69	650000/3750	100%	0.698	0.268	-0.10	17.99	19.00	1.262	0.881	22.1
Right cheek	100	OFDM QPSK 135_69	652400/3786	100%	0.797	0.284	0.09	17.41	19.00	1.442	1.149	22.1
Right cheek	100	OFDM QPSK 135_69	654800/3822	100%	0.623	0.238	-0.13	17.74	19.00	1.337	0.833	22.1
Right cheek	100	OFDM QPSK 135_69	659600/3894	100%	0.632	0.240	0.12	18.04	19.00	1.247	0.788	22.1
Right cheek	100	OFDM QPSK 135_69	662000/3930	100%	0.654	0.248	0.16	18.00	19.00	1.259	0.823	22.1
Head Test Data (100%RB) DSI4												
Right cheek	100	OFDM QPSK 270_0	657200/3858	100%	0.633	0.221	0.14	16.94	18.00	1.276	0.808	22.1
Body worn&Hotspot Test data (Separate 10mm 1RB) DSI6												
Front side	100	OFDM QPSK 1_137	657200/3858	100%	0.250	0.109	-0.19	18.88	20.00	1.294	0.324	
Back side	100	OFDM QPSK 1_137	657200/3858	100%	0.367	0.167	-0.06	18.88	20.00	1.294	0.475	22.4
Right side	100	OFDM QPSK 1_137	657200/3858	100%	0.530	0.223	0.18	18.88	20.00	1.294	0.686	22.4
Back side	100	OFDM QPSK 1_271	650000/3750	100%	0.372	0.168	0.07	18.69	20.00	1.352	0.503	22.4
Back side	100	OFDM QPSK 1_1	652400/3786	100%	0.401	0.182	0.02	18.32	20.00	1.472	0.590	22.4
Back side	100	OFDM QPSK 1_137	654800/3822	100%	0.395	0.167	-0.03	18.47	20.00	1.422	0.562	22.4
Back side	100	OFDM QPSK 1_137	659600/3894	100%	0.466	0.196	-0.04	18.60	20.00	1.380	0.643	22.4
Back side	100	OFDM QPSK 1_1	662000/3930	100%	0.428	0.181	0.01	18.60	20.00	1.380	0.591	22.4
Right side	100	OFDM QPSK 1_271	650000/3750	100%	0.532	0.234	0.02	18.69	20.00	1.352	0.719	22.4
Right side	100	OFDM QPSK 1_1	652400/3786	100%	0.667	0.291	-0.07	18.32	20.00	1.472	0.982	22.5
Right side	100	OFDM QPSK 1_271	654800/3822	100%	0.572	0.242	0.09	18.47	20.00	1.422	0.814	22.4
Right side	100	OFDM QPSK 1_137	659600/3894	100%	0.676	0.284	0.10	18.60	20.00	1.380	0.933	22.4
Right side	100	OFDM QPSK 1_1	662000/3930	100%	0.620	0.263	-0.10	18.60	20.00	1.380	0.856	22.4
Body worn&Hotspot Test data (Separate 10mm 50%RB) DSI6												
Front side	100	OFDM QPSK 135_69	657200/3858	100%	0.258	0.101	-0.14	19.27	20.00	1.183	0.305	22.4
Back side	100	OFDM QPSK 135_69	657200/3858	100%	0.363	0.165	0.04	19.27	20.00	1.183	0.429	22.4
Right side	100	OFDM QPSK 135_69	657200/3858	100%	0.538	0.227	-0.11	19.27	20.00	1.183	0.636	22.4
Back side	100	OFDM QPSK 135_69	650000/3750	100%	0.442	0.185	0.07	18.97	20.00	1.268	0.560	22.4
Back side	100	OFDM QPSK 135_69	652400/3786	100%	0.397	0.180	-0.08	18.42	20.00	1.439	0.571	22.4
Back side	100	OFDM QPSK 135_69	654800/3822	100%	0.485	0.207	-0.15	18.76	20.00	1.330	0.645	22.4
Back side	100	OFDM QPSK 135_69	659600/3894	100%	0.461	0.194	0.13	19.09	20.00	1.233	0.568	22.4
Back side	100	OFDM QPSK 135_69	662000/3930	100%	0.424	0.179	0.17	19.08	20.00	1.236	0.524	22.4
Right side	100	OFDM QPSK 135_69	650000/3750	100%	0.527	0.232	-0.14	18.97	20.00	1.268	0.668	22.4
Right side	100	OFDM QPSK 135_69	652400/3786	100%	0.660	0.288	-0.06	18.42	20.00	1.439	0.950	22.4
Right side	100	OFDM QPSK 135_69	654800/3822	100%	0.566	0.240	0.02	18.76	20.00	1.330	0.753	22.4
Right side	100	OFDM QPSK 135_69	659600/3894	100%	0.669	0.281	0.14	19.09	20.00	1.233	0.825	22.4
Right side	100	OFDM QPSK 135_69	662000/3930	100%	0.614	0.260	0.18	19.08	20.00	1.236	0.759	22.4
Body worn&Hotspot Test data (Separate 10mm 100%RB) DSI6												
Back side	100	OFDM QPSK 270_0	657200/3858	100%	0.206	0.081	0.01	17.96	19.00	1.271	0.262	22.4
Right side	100	OFDM QPSK 270_0	657200/3858	100%	0.295	0.131	-0.08	17.96	19.00	1.271	0.375	22.4



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Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	
Right cheek	650000/3750	1.120	1.110	1.01	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
 2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
 3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
 5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

(for original report SZCR241000381012)



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9.2.31 SAR Result of WIFI 2.4G

Wi-Fi 2.4G SAR Test Record												
Ant9 Test Record chain1												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data Set4												
Left cheek	802.11b	1/2412	98.52%	1.015	0.667	0.345	-0.08	15.63	17.00	1.371	0.928	22.4
Left tilted	802.11b	1/2412	98.52%	1.015	0.400	0.198	-0.02	15.63	17.00	1.371	0.557	22.4
Right cheek	802.11b	1/2412	98.52%	1.015	0.261	0.160	-0.04	15.63	17.00	1.371	0.363	22.4
Right tilted	802.11b	1/2412	98.52%	1.015	0.188	0.110	0.10	15.63	17.00	1.371	0.262	22.4
Left cheek	802.11b	6/2437	98.52%	1.015	0.682	0.349	0.02	15.47	17.00	1.422	0.985	22.4
Left cheek	802.11b	11/2462	98.52%	1.015	0.562	0.286	-0.07	15.08	16.00	1.236	0.705	22.4
Head Test Data Set5												
Left cheek	802.11b	1/2412	98.52%	1.015	0.667	0.345	-0.08	15.63	14.00	0.687	0.465	22.4
Left tilted	802.11b	1/2412	98.52%	1.015	0.400	0.198	-0.02	15.63	14.00	0.687	0.279	22.4
Right cheek	802.11b	1/2412	98.52%	1.015	0.261	0.160	-0.04	15.63	14.00	0.687	0.182	22.4
Right tilted	802.11b	1/2412	98.52%	1.015	0.188	0.110	0.10	15.63	14.00	0.687	0.131	22.4
Left cheek	802.11b	6/2437	98.52%	1.015	0.682	0.349	0.02	15.47	14.00	0.713	0.493	22.4
Left cheek	802.11b	11/2462	98.52%	1.015	0.562	0.286	-0.07	15.08	13.00	0.619	0.353	22.4
Body worn&Hotspot Test data (Separate 10mm) Set6												
Front side	802.11b	1/2412	98.52%	1.015	0.220	0.117	0.10	17.11	18.50	1.377	0.308	22.4
Back side	802.11b	1/2412	98.52%	1.015	0.174	0.088	-0.11	17.11	18.50	1.377	0.243	22.4
Right side	802.11b	1/2412	98.52%	1.015	0.151	0.081	0.18	17.11	18.50	1.377	0.211	22.4
Top side	802.11b	1/2412	98.52%	1.015	0.138	0.070	0.07	17.11	18.50	1.377	0.193	22.4
Body worn&Hotspot Test data (Separate 10mm) Set6												
Front side	802.11b	1/2412	98.52%	1.015	0.220	0.117	0.10	17.11	16.00	0.774	0.173	22.4
Back side	802.11b	1/2412	98.52%	1.015	0.174	0.088	-0.11	17.11	16.00	0.774	0.137	22.4
Right side	802.11b	1/2412	98.52%	1.015	0.151	0.081	0.18	17.11	16.00	0.774	0.119	22.4
Top side	802.11b	1/2412	98.52%	1.015	0.138	0.070	0.07	17.11	16.00	0.774	0.108	22.4
Ant10 Test Record chain2												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data Set4												
Left cheek	802.11b	1/2412	98.52%	1.015	0.077	0.034	-0.06	16.60	17.50	1.230	0.096	22.4
Left tilted	802.11b	1/2412	98.52%	1.015	0.045	0.021	-0.09	16.60	17.50	1.230	0.056	22.4
Right cheek	802.11b	1/2412	98.52%	1.015	0.015	0.010	0.12	16.60	17.50	1.230	0.019	22.4
Right tilted	802.11b	1/2412	98.52%	1.015	0.011	0.005	-0.18	16.60	17.50	1.230	0.014	22.4
Head Test Data Set5												
Left cheek	802.11b	1/2412	98.52%	1.015	0.077	0.034	-0.06	16.60	14.50	0.617	0.048	22.4
Left tilted	802.11b	1/2412	98.52%	1.015	0.045	0.021	-0.09	16.60	14.50	0.617	0.028	22.4
Right cheek	802.11b	1/2412	98.52%	1.015	0.015	0.010	0.12	16.60	14.50	0.617	0.009	22.4



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Right tilted	802.11b	1/2412	98.52%	1.015	0.011	0.005	-0.18	16.60	14.50	0.617	0.007	22.4
Body worn&Hotspot Test data (Separate 10mm) Set6												
Front side	802.11b	1/2412	98.52%	1.015	0.021	0.012	0.13	18.13	19.00	1.222	0.026	22.4
Back side	802.11b	1/2412	98.52%	1.015	0.251	0.115	-0.13	18.13	19.00	1.222	0.311	22.4
Right side	802.11b	1/2412	98.52%	1.015	0.146	0.070	-0.12	18.13	19.00	1.222	0.181	22.4
Top side	802.11b	1/2412	98.52%	1.015	0.012	0.005	-0.19	18.13	19.00	1.222	0.015	22.4
Body worn&Hotspot Test data (Separate 10mm) Set6												
Front side	802.11b	1/2412	98.52%	1.015	0.021	0.012	0.13	18.13	16.50	0.687	0.015	22.4
Back side	802.11b	1/2412	98.52%	1.015	0.251	0.115	-0.13	18.13	16.50	0.687	0.175	22.4
Right side	802.11b	1/2412	98.52%	1.015	0.146	0.070	-0.12	18.13	16.50	0.687	0.102	22.4
Top side	802.11b	1/2412	98.52%	1.015	0.012	0.005	-0.19	18.13	16.50	0.687	0.008	22.4
MIMO Test Record												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data Set4												
Left cheek	802.11b	1/2412	98.52%	1.015	0.687	0.358	0.17	19.09	20.00	1.233	0.860	22.4
Left tilted	802.11b	1/2412	98.52%	1.015	0.495	0.243	0.00	19.09	20.00	1.233	0.620	22.4
Right cheek	802.11b	1/2412	98.52%	1.015	0.312	0.192	0.09	19.09	20.00	1.233	0.391	22.4
Right tilted	802.11b	1/2412	98.52%	1.015	0.224	0.129	0.17	19.09	20.00	1.233	0.280	22.4
Left cheek	802.11b	6/2437	98.52%	1.015	0.794	0.405	0.03	18.69	20.00	1.353	1.090	22.4
Left cheek	802.11b	11/2462	98.52%	1.015	0.627	0.319	0.14	17.91	19.00	1.285	0.818	22.4
Head Test Data Set5												
Left cheek	802.11b	1/2412	98.52%	1.015	0.687	0.358	0.17	19.09	17.00	0.618	0.431	22.4
Left tilted	802.11b	1/2412	98.52%	1.015	0.495	0.243	0.00	19.09	17.00	0.618	0.311	22.4
Right cheek	802.11b	1/2412	98.52%	1.015	0.312	0.192	0.09	19.09	17.00	0.618	0.196	22.4
Right tilted	802.11b	1/2412	98.52%	1.015	0.224	0.129	0.17	19.09	17.00	0.618	0.141	22.4
Left cheek	802.11b	6/2437	98.52%	1.015	0.794	0.405	0.03	18.69	17.00	0.678	0.547	22.4
Left cheek	802.11b	11/2462	98.52%	1.015	0.627	0.319	0.14	17.91	16.00	0.644	0.410	22.4
Body worn&Hotspot Test data (Separate 10mm) Set6												
Front side	802.11b	1/2412	98.52%	1.015	0.260	0.142	-0.15	20.66	21.50	1.213	0.320	22.4
Back side	802.11b	1/2412	98.52%	1.015	0.691	0.328	-0.08	20.66	21.50	1.213	0.851	22.4
Right side	802.11b	1/2412	98.52%	1.015	0.474	0.238	0.09	20.66	21.50	1.213	0.584	22.4
Top side	802.11b	1/2412	98.52%	1.015	0.129	0.068	-0.02	20.66	21.50	1.213	0.159	22.4
Back side	802.11b	6/2437	98.52%	1.015	0.774	0.375	0.02	20.31	21.50	1.315	1.033	22.4
Back side	802.11b	11/2462	98.52%	1.015	0.505	0.242	-0.07	19.53	20.50	1.252	0.642	22.4
Body worn&Hotspot Test data (Separate 10mm) Set6												
Front side	802.11b	1/2412	98.52%	1.015	0.260	0.142	-0.15	20.66	19.00	0.682	0.180	22.4
Back side	802.11b	1/2412	98.52%	1.015	0.691	0.328	-0.08	20.66	19.00	0.682	0.479	22.4
Right side	802.11b	1/2412	98.52%	1.015	0.474	0.238	0.09	20.66	19.00	0.682	0.328	22.4
Top side	802.11b	1/2412	98.52%	1.015	0.129	0.068	-0.02	20.66	19.00	0.682	0.089	22.4
Back side	802.11b	6/2437	98.52%	1.015	0.774	0.375	0.02	20.31	19.00	0.740	0.581	22.4
Back side	802.11b	11/2462	98.52%	1.015	0.505	0.242	-0.07	19.53	18.00	0.704	0.361	22.4

(for original report SZCR241000381012)



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Wi-Fi 2.4G SAR Test Record												
MIMO Test Record												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data Set4												
Left cheek	802.11b	6/2437	98.52%	1.015	0.558	0.249	-0.18	18.69	20.00	1.353	0.766	22.4
Body worn&Hotspot Test data (Separate 10mm) Set6												
Back side	802.11b	6/2437	98.52%	1.015	0.630	0.294	-0.04	20.31	21.50	1.315	0.841	22.4

(for new report SZCR250400159712)



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9.2.32 SAR Result of WIFI 5G

Wi-Fi 5G SAR Test Record												
Ant9 Test Record chain1												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data of U-NII-2A Set4												
Left cheek	802.11n 40M	54/5270	99.71%	1.003	0.201	0.066	0.07	17.04	18.00	1.247	0.251	22.4
Left tilted	802.11n 40M	54/5270	99.71%	1.003	0.199	0.065	0.18	17.04	18.00	1.247	0.249	22.4
Right cheek	802.11n 40M	54/5270	99.71%	1.003	0.099	0.031	0.07	17.04	18.00	1.247	0.124	22.4
Right tilted	802.11n 40M	54/5270	99.71%	1.003	0.110	0.038	-0.04	17.04	18.00	1.247	0.138	22.4
Head Test Data of U-NII-2C Set4												
Left cheek	802.11ac 80M	138/5690	99.69%	1.003	0.345	0.117	0.14	18.56	19.00	1.107	0.383	22.4
Left tilted	802.11ac 80M	138/5690	99.69%	1.003	0.231	0.079	-0.11	18.56	19.00	1.107	0.256	22.4
Right cheek	802.11ac 80M	138/5690	99.69%	1.003	0.152	0.053	-0.01	18.56	19.00	1.107	0.169	22.4
Right tilted	802.11ac 80M	138/5690	99.69%	1.003	0.146	0.049	0.18	18.56	19.00	1.107	0.162	22.4
Head Test Data of U-NII-3 Set4												
Left cheek	802.11ac 80M	155/5775	99.69%	1.003	0.316	0.110	-0.15	18.31	19.00	1.172	0.372	22.4
Left tilted	802.11ac 80M	155/5775	99.69%	1.003	0.229	0.078	-0.05	18.31	19.00	1.172	0.269	22.4
Right cheek	802.11ac 80M	155/5775	99.69%	1.003	0.125	0.044	-0.17	18.31	19.00	1.172	0.147	22.4
Right tilted	802.11ac 80M	155/5775	99.69%	1.003	0.119	0.041	-0.12	18.31	19.00	1.172	0.140	22.4
Head Test Data of U-NII-2A Set5												
Left cheek	802.11n 40M	54/5270	99.71%	1.003	0.201	0.066	0.07	17.04	14.00	0.497	0.100	22.4
Left tilted	802.11n 40M	54/5270	99.71%	1.003	0.199	0.065	0.18	17.04	14.00	0.497	0.099	22.4
Right cheek	802.11n 40M	54/5270	99.71%	1.003	0.099	0.031	0.07	17.04	14.00	0.497	0.049	22.4
Right tilted	802.11n 40M	54/5270	99.71%	1.003	0.110	0.038	-0.04	17.04	14.00	0.497	0.055	22.4
Head Test Data of U-NII-2C Set5												
Left cheek	802.11ac 80M	138/5690	99.69%	1.003	0.345	0.117	0.14	18.56	15.00	0.441	0.152	22.4
Left tilted	802.11ac 80M	138/5690	99.69%	1.003	0.231	0.079	-0.11	18.56	15.00	0.441	0.102	22.4
Right cheek	802.11ac 80M	138/5690	99.69%	1.003	0.152	0.053	-0.01	18.56	15.00	0.441	0.067	22.4
Right tilted	802.11ac 80M	138/5690	99.69%	1.003	0.146	0.049	0.18	18.56	15.00	0.441	0.065	22.4
Head Test Data of U-NII-3 Set5												
Left cheek	802.11ac 80M	155/5775	99.69%	1.003	0.316	0.110	-0.15	18.31	15.00	0.467	0.148	22.4
Left tilted	802.11ac 80M	155/5775	99.69%	1.003	0.229	0.078	-0.05	18.31	15.00	0.467	0.107	22.4
Right cheek	802.11ac 80M	155/5775	99.69%	1.003	0.125	0.044	-0.17	18.31	15.00	0.467	0.059	22.4
Right tilted	802.11ac 80M	155/5775	99.69%	1.003	0.119	0.041	-0.12	18.31	15.00	0.467	0.056	22.4
Body worn Test data of U-NII-2A (Separate 10mm) Set6												
Front side	802.11n 40M	54/5270	99.71%	1.003	0.063	0.015	0.08	17.04	18.00	1.247	0.079	22.3
Back side	802.11n 40M	54/5270	99.71%	1.003	0.076	0.029	0.17	17.04	18.00	1.247	0.095	22.3
Body worn Test data of U-NII-2C (Separate 10mm) Set6												
Front side	802.11ac 80M	138/5690	99.69%	1.003	0.097	0.037	0.17	18.56	19.00	1.107	0.108	22.3
Back side	802.11ac 80M	138/5690	99.69%	1.003	0.100	0.037	0.06	18.56	19.00	1.107	0.111	22.3
Body worn&Hotspot Test data of U-NII-1 (Separate 10mm) Set6												
Front side	802.11n 40M	46/5230	99.71%	1.003	0.069	0.014	-0.15	17.27	18.00	1.183	0.082	22.3



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Back side	802.11n 40M	46/5230	99.71%	1.003	0.087	0.032	0.11	17.27	18.00	1.183	0.103	22.3
Right side	802.11n 40M	46/5230	99.71%	1.003	0.064	0.025	0.03	17.27	18.00	1.183	0.076	22.3
Top side	802.11n 40M	46/5230	99.71%	1.003	0.076	0.030	0.16	17.27	18.00	1.183	0.090	22.3
Body worn&Hotspot Test data of U-NII-3 (Separate 10mm) Set6												
Front side	802.11ac 80M	155/5775	99.69%	1.003	0.085	0.034	-0.05	18.31	19.00	1.172	0.100	22.3
Back side	802.11ac 80M	155/5775	99.69%	1.003	0.099	0.036	-0.16	18.31	19.00	1.172	0.116	22.3
Right side	802.11ac 80M	155/5775	99.69%	1.003	0.127	0.051	-0.10	18.31	19.00	1.172	0.149	22.3
Top side	802.11ac 80M	155/5775	99.69%	1.003	0.092	0.035	0.13	18.31	19.00	1.172	0.108	22.3
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)
Product specific 10gSAR Test data of U-NII-2A (Separate 0mm) Set6												
Front side	802.11n 40M	54/5270	99.71%	1.003	0.445	0.125	0.12	17.04	18.00	1.247	0.156	22.3
Back side	802.11n 40M	54/5270	99.71%	1.003	0.374	0.110	-0.11	17.04	18.00	1.247	0.138	22.3
Right side	802.11n 40M	54/5270	99.71%	1.003	0.349	0.103	-0.08	17.04	18.00	1.247	0.129	22.3
Top side	802.11n 40M	54/5270	99.71%	1.003	0.632	0.153	-0.06	17.04	18.00	1.247	0.191	22.3
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm) Set6												
Front side	802.11ac 80M	138/5690	99.69%	1.003	0.601	0.199	-0.11	18.56	19.00	1.107	0.221	22.3
Back side	802.11ac 80M	138/5690	99.69%	1.003	0.430	0.140	0.19	18.56	19.00	1.107	0.155	22.3
Right side	802.11ac 80M	138/5690	99.69%	1.003	0.818	0.265	-0.13	18.56	19.00	1.107	0.294	22.3
Top side	802.11ac 80M	138/5690	99.69%	1.003	0.260	0.094	-0.03	18.56	19.00	1.107	0.104	22.3
Ant10 Test Record chain2												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data of U-NII-2A Set4												
Left cheek	802.11a	64/5320	99.29%	1.007	0.082	0.028	-0.17	18.01	19.00	1.256	0.104	22.4
Left tilted	802.11a	64/5320	99.29%	1.007	0.072	0.016	-0.18	18.01	19.00	1.256	0.091	22.4
Right cheek	802.11a	64/5320	99.29%	1.007	0.045	0.015	0.05	18.01	19.00	1.256	0.057	22.4
Right tilted	802.11a	64/5320	99.29%	1.007	0.040	0.009	0.14	18.01	19.00	1.256	0.051	22.4
Head Test Data of U-NII-2C Set4												
Left cheek	802.11a	140/5700	99.29%	1.007	0.044	0.011	0.12	18.47	19.00	1.130	0.050	22.4
Left tilted	802.11a	140/5700	99.29%	1.007	0.110	0.025	0.08	18.47	19.00	1.130	0.125	22.4
Right cheek	802.11a	140/5700	99.29%	1.007	0.044	0.010	-0.09	18.47	19.00	1.130	0.050	22.4
Right tilted	802.11a	140/5700	99.29%	1.007	0.050	0.012	-0.18	18.47	19.00	1.130	0.057	22.4
Head Test Data of U-NII-3 Set4												
Left cheek	802.11a	149/5745	99.29%	1.007	0.102	0.024	-0.03	18.36	19.00	1.159	0.119	22.4
Left tilted	802.11a	149/5745	99.29%	1.007	0.059	0.017	-0.16	18.36	19.00	1.159	0.069	22.4
Right cheek	802.11a	149/5745	99.29%	1.007	0.052	0.010	0.19	18.36	19.00	1.159	0.061	22.4
Right tilted	802.11a	149/5745	99.29%	1.007	0.043	0.014	-0.14	18.36	19.00	1.159	0.050	22.4
Head Test Data of U-NII-2A Set5												
Left cheek	802.11a	64/5320	99.29%	1.007	0.082	0.028	-0.17	18.01	15.00	0.500	0.041	22.4
Left tilted	802.11a	64/5320	99.29%	1.007	0.072	0.016	-0.18	18.01	15.00	0.500	0.036	22.4
Right cheek	802.11a	64/5320	99.29%	1.007	0.045	0.015	0.05	18.01	15.00	0.500	0.023	22.4
Right tilted	802.11a	64/5320	99.29%	1.007	0.040	0.009	0.14	18.01	15.00	0.500	0.020	22.4



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Head Test Data of U-NII-2C Set5												
Left cheek	802.11a	140/5700	99.29%	1.007	0.044	0.011	0.12	18.47	15.00	0.450	0.020	22.4
Left tilted	802.11a	140/5700	99.29%	1.007	0.110	0.025	0.08	18.47	15.00	0.450	0.050	22.4
Right cheek	802.11a	140/5700	99.29%	1.007	0.044	0.010	-0.09	18.47	15.00	0.450	0.020	22.4
Right tilted	802.11a	140/5700	99.29%	1.007	0.050	0.012	-0.18	18.47	15.00	0.450	0.023	22.4
Head Test Data of U-NII-3 Set5												
Left cheek	802.11a	149/5745	99.29%	1.007	0.102	0.024	-0.03	18.36	15.00	0.461	0.047	22.4
Left tilted	802.11a	149/5745	99.29%	1.007	0.059	0.017	-0.16	18.36	15.00	0.461	0.027	22.4
Right cheek	802.11a	149/5745	99.29%	1.007	0.052	0.010	0.19	18.36	15.00	0.461	0.024	22.4
Right tilted	802.11a	149/5745	99.29%	1.007	0.043	0.014	-0.14	18.36	15.00	0.461	0.020	22.4
Body worn Test data of U-NII-2A (Separate 10mm) Set6												
Front side	802.11a	64/5320	99.29%	1.007	0.056	0.015	0.16	18.01	19.00	1.256	0.071	22.3
Back side	802.11a	64/5320	99.29%	1.007	0.226	0.073	-0.08	18.01	19.00	1.256	0.286	22.3
Body worn Test data of U-NII-2C (Separate 10mm) Set6												
Front side	802.11a	140/5700	99.29%	1.007	0.079	0.020	-0.16	18.47	19.00	1.130	0.090	22.3
Back side	802.11a	140/5700	99.29%	1.007	0.221	0.075	0.18	18.47	19.00	1.130	0.251	22.3
Body worn&Hotspot Test data of U-NII-1 (Separate 10mm) Set6												
Front side	802.11a	40/5200	99.29%	1.007	0.070	0.018	-0.04	18.36	19.00	1.159	0.082	22.3
Back side	802.11a	40/5200	99.29%	1.007	0.206	0.076	-0.19	18.36	19.00	1.159	0.240	22.3
Right side	802.11a	40/5200	99.29%	1.007	0.177	0.070	0.00	18.36	19.00	1.159	0.207	22.3
Top side	802.11a	40/5200	99.29%	1.007	0.070	0.021	0.13	18.36	19.00	1.159	0.082	22.3
Body worn&Hotspot Test data of U-NII-3 (Separate 10mm) Set6												
Front side	802.11a	149/5745	99.29%	1.007	0.078	0.016	0.08	18.36	19.00	1.159	0.091	22.3
Back side	802.11a	149/5745	99.29%	1.007	0.224	0.081	0.19	18.36	19.00	1.159	0.261	22.3
Right side	802.11a	149/5745	99.29%	1.007	0.126	0.048	-0.17	18.36	19.00	1.159	0.147	22.3
Top side	802.11a	149/5745	99.29%	1.007	0.061	0.021	-0.18	18.36	19.00	1.159	0.071	22.3
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)
Product specific 10gSAR Test data of U-NII-2A (Separate 0mm) Set6												
Front side	802.11a	64/5320	99.29%	1.007	0.129	0.051	0.12	18.01	19.00	1.256	0.065	22.3
Back side	802.11a	64/5320	99.29%	1.007	1.260	0.317	0.16	18.01	19.00	1.256	0.401	22.3
Right side	802.11a	64/5320	99.29%	1.007	0.470	0.172	0.12	18.01	19.00	1.256	0.218	22.3
Top side	802.11a	64/5320	99.29%	1.007	0.156	0.360	-0.05	18.01	19.00	1.256	0.455	22.3
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm) Set6												
Front side	802.11a	140/5700	99.29%	1.007	0.077	0.020	-0.01	18.47	19.00	1.130	0.023	22.3
Back side	802.11a	140/5700	99.29%	1.007	0.591	0.193	-0.10	18.47	19.00	1.130	0.220	22.3
Right side	802.11a	140/5700	99.29%	1.007	0.357	0.110	0.00	18.47	19.00	1.130	0.125	22.3
Top side	802.11a	140/5700	99.29%	1.007	0.083	0.017	-0.05	18.47	19.00	1.130	0.019	22.3



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MIMO Test Record												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data of U-NII-2A Set4												
Left cheek	802.11a	64/5320	99.29%	1.007	0.279	0.096	-0.08	20.82	22.00	1.312	0.369	22.4
Left tilted	802.11a	64/5320	99.29%	1.007	0.228	0.078	-0.17	20.82	22.00	1.312	0.301	22.4
Right cheek	802.11a	64/5320	99.29%	1.007	0.122	0.040	-0.18	20.82	22.00	1.312	0.161	22.4
Right tilted	802.11a	64/5320	99.29%	1.007	0.117	0.040	0.10	20.82	22.00	1.312	0.155	22.4
Head Test Data of U-NII-2C Set4												
Left cheek	802.11ac 80M	138/5690	99.69%	1.003	0.539	0.148	-0.06	21.19	22.00	1.205	0.652	22.4
Left tilted	802.11ac 80M	138/5690	99.69%	1.003	0.304	0.105	0.01	21.19	22.00	1.205	0.367	22.4
Right cheek	802.11ac 80M	138/5690	99.69%	1.003	0.195	0.069	0.09	21.19	22.00	1.205	0.236	22.4
Right tilted	802.11ac 80M	138/5690	99.69%	1.003	0.205	0.070	0.16	21.19	22.00	1.205	0.248	22.4
Head Test Data of U-NII-3 Set4												
Left cheek	802.11ac 80M	155/5775	99.69%	1.003	0.345	0.124	-0.16	20.97	22.00	1.268	0.439	22.4
Left tilted	802.11ac 80M	155/5775	99.69%	1.003	0.323	0.115	0.18	20.97	22.00	1.268	0.411	22.4
Right cheek	802.11ac 80M	155/5775	99.69%	1.003	0.190	0.068	-0.02	20.97	22.00	1.268	0.242	22.4
Right tilted	802.11ac 80M	155/5775	99.69%	1.003	0.166	0.058	-0.18	20.97	22.00	1.268	0.211	22.4
Head Test Data of U-NII-2A Set5												
Left cheek	802.11a	64/5320	99.29%	1.007	0.279	0.096	-0.08	20.82	18.00	0.522	0.147	22.4
Left tilted	802.11a	64/5320	99.29%	1.007	0.228	0.078	-0.17	20.82	18.00	0.522	0.120	22.4
Right cheek	802.11a	64/5320	99.29%	1.007	0.122	0.040	-0.18	20.82	18.00	0.522	0.064	22.4
Right tilted	802.11a	64/5320	99.29%	1.007	0.117	0.040	0.10	20.82	18.00	0.522	0.062	22.4
Head Test Data of U-NII-2C Set5												
Left cheek	802.11ac 80M	138/5690	99.69%	1.003	0.539	0.148	-0.06	21.19	18.00	0.480	0.259	22.4
Left tilted	802.11ac 80M	138/5690	99.69%	1.003	0.304	0.105	0.01	21.19	18.00	0.480	0.146	22.4
Right cheek	802.11ac 80M	138/5690	99.69%	1.003	0.195	0.069	0.09	21.19	18.00	0.480	0.094	22.4
Right tilted	802.11ac 80M	138/5690	99.69%	1.003	0.205	0.070	0.16	21.19	18.00	0.480	0.099	22.4
Head Test Data of U-NII-3 Set5												
Left cheek	802.11ac 80M	155/5775	99.69%	1.003	0.345	0.124	-0.16	20.97	18.00	0.505	0.175	22.4
Left tilted	802.11ac 80M	155/5775	99.69%	1.003	0.323	0.115	0.18	20.97	18.00	0.505	0.164	22.4
Right cheek	802.11ac 80M	155/5775	99.69%	1.003	0.190	0.068	-0.02	20.97	18.00	0.505	0.096	22.4
Right tilted	802.11ac 80M	155/5775	99.69%	1.003	0.166	0.058	-0.18	20.97	18.00	0.505	0.084	22.4
Body worn Test data of U-NII-2A (Separate 10mm) Set6												
Front side	802.11a	64/5320	99.29%	1.007	0.065	0.026	0.02	20.82	22.00	1.312	0.086	22.3
Back side	802.11a	64/5320	99.29%	1.007	0.212	0.081	0.16	20.82	22.00	1.312	0.280	22.3
Body worn Test data of U-NII-2C (Separate 10mm) Set6												
Front side	802.11ac 80M	138/5690	99.69%	1.003	0.140	0.056	0.19	21.19	22.00	1.205	0.169	22.3
Back side	802.11ac 80M	138/5690	99.69%	1.003	0.333	0.094	-0.04	21.19	22.00	1.205	0.403	22.3
Body worn&Hotspot Test data of U-NII-1 (Separate 10mm) Set6												
Front side	802.11a	40/5200	99.29%	1.007	0.083	0.031	0.06	20.74	22.00	1.337	0.112	22.3
Back side	802.11a	40/5200	99.29%	1.007	0.292	0.107	-0.19	20.74	22.00	1.337	0.393	22.3
Right side	802.11a	40/5200	99.29%	1.007	0.201	0.077	-0.04	20.74	22.00	1.337	0.271	22.3
Top side	802.11a	40/5200	99.29%	1.007	0.094	0.038	-0.06	20.74	22.00	1.337	0.127	22.3



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Body worn&Hotspot Test data of U-NII-3 (Separate 10mm) Set6												
Front side	802.11ac 80M	155/5775	99.69%	1.003	0.123	0.047	0.01	20.97	22.00	1.268	0.156	22.3
Back side	802.11ac 80M	155/5775	99.69%	1.003	0.295	0.085	0.05	20.97	22.00	1.268	0.375	22.3
Right side	802.11ac 80M	155/5775	99.69%	1.003	0.232	0.096	-0.10	20.97	22.00	1.268	0.295	22.3
Top side	802.11ac 80M	155/5775	99.69%	1.003	0.147	0.051	-0.18	20.97	22.00	1.268	0.187	22.3
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)
Product specific 10gSAR Test data of U-NII-2A (Separate 0mm) Set6												
Front side	802.11a	64/5320	99.29%	1.007	0.490	0.156	-0.10	20.82	22.00	1.312	0.206	22.3
Back side	802.11a	64/5320	99.29%	1.007	1.210	0.354	0.07	20.82	22.00	1.312	0.468	22.3
Right side	802.11a	64/5320	99.29%	1.007	0.693	0.244	0.16	20.82	22.00	1.312	0.322	22.3
Top side	802.11a	64/5320	99.29%	1.007	0.554	0.147	0.13	20.82	22.00	1.312	0.194	22.3
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm) Set6												
Front side	802.11ac 80M	138/5690	99.69%	1.003	0.901	0.283	0.19	21.19	22.00	1.205	0.342	22.3
Back side	802.11ac 80M	138/5690	99.69%	1.003	1.640	0.437	0.11	21.19	22.00	1.205	0.528	22.3
Right side	802.11ac 80M	138/5690	99.69%	1.003	1.640	0.473	0.09	21.19	22.00	1.205	0.572	22.3
Top side	802.11ac 80M	138/5690	99.69%	1.003	0.584	0.163	-0.06	21.19	22.00	1.205	0.197	22.3

(for original report SZCR241000381012)

Wi-Fi 5G SAR Test Record												
MIMO Test Record												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm) Set6												
Right side	802.11ac 80M	138/5690	99.69%	1.003	2.100	0.611	-0.01	21.19	22.00	1.205	0.739	22.3

(for new report SZCR250400159712)



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9.2.33 SAR Result of WIFI 6E

Wi-Fi 6E SAR Test Record														
Ant9 Test Record Chain0														
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	APD W/m ² (4cm ²)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)	
Head Test Data Set4 chain1														
Left cheek	802.11ax 160M	143/6665	99.71%	1.003	0.123	0.025	-0.12	0.298	15.57	16.00	1.104	0.136	22.4	
Left tilted	802.11ax 160M	143/6665	99.71%	1.003	0.074	0.032	-0.06	0.179	15.57	16.00	1.104	0.082	22.4	
Right cheek	802.11ax 160M	143/6665	99.71%	1.003	0.060	0.023	0.19	0.145	15.57	16.00	1.104	0.066	22.4	
Right tilted	802.11ax 160M	143/6665	99.71%	1.003	0.060	0.023	-0.13	0.145	15.57	16.00	1.104	0.066	22.4	
Body worn Test data of (Separate 10mm) Set0														
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.030	0.006	-0.03	0.600	14.09	14.50	1.099	0.033	22.3	
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.034	0.010	0.06	0.680	14.09	14.50	1.099	0.037	22.3	
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	APD W/m ² (4cm ²)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)	
Product specific 10gSAR Test data of (Separate 0mm) Set0														
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.283	0.092	-0.18	1.980	14.09	14.50	1.099	0.101	22.3	
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.242	0.072	-0.12	1.640	14.09	14.50	1.099	0.079	22.3	
Right side	802.11ax 160M	143/6665	99.71%	1.003	0.385	0.122	-0.01	2.690	14.09	14.50	1.099	0.134	22.3	
Top side	802.11ax 160M	143/6665	99.71%	1.003	0.238	0.073	0.05	1.670	14.09	14.50	1.099	0.080	22.3	
Ant10 Test Record chain2														
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	APD W/m ² (4cm ²)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)	
Head Test Data Set4														
Left cheek	802.11ax 160M	143/6665	99.71%	1.003	0.141	0.029	0.05	0.341	15.31	16.00	1.172	0.166	22.4	
Left tilted	802.11ax 160M	143/6665	99.71%	1.003	0.168	0.037	-0.01	0.407	15.31	16.00	1.172	0.198	22.4	
Right cheek	802.11ax 160M	143/6665	99.71%	1.003	0.033	0.010	0.00	0.080	15.31	16.00	1.172	0.039	22.4	
Right tilted	802.11ax 160M	143/6665	99.71%	1.003	0.044	0.011	0.15	0.106	15.31	16.00	1.172	0.052	22.4	
Body worn Test data of (Separate 10mm) Set0														
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.033	0.009	0.04	0.660	13.83	14.50	1.167	0.039	22.3	
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.068	0.022	-0.08	1.510	13.83	14.50	1.167	0.080	22.3	
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	APD W/m ² (4cm ²)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)	
Product specific 10gSAR Test data of (Separate 0mm) Set0														
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.091	0.030	0.08	0.751	13.83	14.50	1.167	0.035	22.3	
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.413	0.141	0.17	2.890	13.83	14.50	1.167	0.165	22.3	
Right side	802.11ax 160M	143/6665	99.71%	1.003	0.577	0.167	-0.07	4.060	13.83	14.50	1.167	0.195	22.3	
Top side	802.11ax 160M	143/6665	99.71%	1.003	0.059	0.016	0.17	0.430	13.83	14.50	1.167	0.019	22.3	



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MIMO Test Record													
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	APD W/m ² (4cm ²)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data Set4													
Left cheek	802.11ax 160M	143/6665	99.71%	1.003	0.198	0.067	-0.08	0.481	18.45	19.00	1.135	0.225	22.4
Left tilted	802.11ax 160M	143/6665	99.71%	1.003	0.120	0.045	0.09	0.290	18.45	19.00	1.135	0.137	22.4
Right cheek	802.11ax 160M	143/6665	99.71%	1.003	0.087	0.034	0.14	0.211	18.45	19.00	1.135	0.099	22.4
Right tilted	802.11ax 160M	143/6665	99.71%	1.003	0.061	0.022	0.08	0.148	18.45	19.00	1.135	0.069	22.4
Body worn Test data of (Separate 10mm) Set0													
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.035	0.009	-0.07	0.700	17.21	17.50	1.069	0.038	22.3
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.057	0.022	0.09	1.140	17.21	17.50	1.069	0.061	22.3
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	APD W/m ² (4cm ²)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)
Product specific 10gSAR Test data of (Separate 0mm) Set0													
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.394	0.122	-0.09	2.760	17.21	17.50	1.069	0.131	22.3
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.520	0.175	0.12	3.680	17.21	17.50	1.069	0.188	22.3
Right side	802.11ax 160M	143/6665	99.71%	1.003	0.614	0.197	0.02	4.460	17.21	17.50	1.069	0.211	22.4
Top side	802.11ax 160M	143/6665	99.71%	1.003	0.210	0.068	0.07	1.470	17.21	17.50	1.069	0.073	22.3

(for original report SZCR241000381012)



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9.2.34 SAR Result of BT

Bluetooth SAR Test Record												
Ant9 Test Record												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data												
Left cheek	DH5	39/2441	76.97%	1.299	0.219	0.112	0.09	12.12	13.00	1.225	0.348	22.4
Left tilted	DH5	39/2441	76.97%	1.299	0.166	0.081	-0.18	12.12	13.00	1.225	0.264	22.4
Right cheek	DH5	39/2441	76.97%	1.299	0.107	0.065	0.15	12.12	13.00	1.225	0.170	22.4
Right tilted	DH5	39/2441	76.97%	1.299	0.074	0.043	-0.11	12.12	13.00	1.225	0.118	22.4
Right cheek	DH5	0/2402	76.97%	1.299	0.182	0.095	-0.07	11.53	13.00	1.403	0.332	22.4
Right cheek	DH5	78/2480	76.97%	1.299	0.158	0.075	-0.02	11.15	13.00	1.531	0.314	22.4
Body worn&Hotspot Test data (Separate 10mm)												
Front side	DH5	39/2441	76.97%	1.299	0.053	0.029	0.12	12.12	13.00	1.225	0.084	22.3
Back side	DH5	39/2441	76.97%	1.299	0.021	0.011	0.08	12.12	13.00	1.225	0.033	22.3
Right side	DH5	39/2441	76.97%	1.299	0.040	0.021	0.03	12.12	13.00	1.225	0.064	22.3
Top side	DH5	39/2441	76.97%	1.299	0.015	0.006	0.14	12.12	13.00	1.225	0.024	22.3
Front side	DH5	0/2402	76.97%	1.299	0.044	0.023	-0.14	11.53	13.00	1.403	0.080	22.3
Front side	DH5	78/2480	76.97%	1.299	0.038	0.018	-0.03	11.15	13.00	1.531	0.076	22.3
Ant10 Test Record												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data												
Left cheek	DH5	39/2441	76.97%	1.299	0.261	0.133	0.16	13.95	14.00	1.012	0.343	22.4
Left tilted	DH5	39/2441	76.97%	1.299	0.167	0.082	-0.05	13.95	14.00	1.012	0.219	22.4
Right cheek	DH5	39/2441	76.97%	1.299	0.096	0.059	-0.04	13.95	14.00	1.012	0.126	22.4
Right tilted	DH5	39/2441	76.97%	1.299	0.068	0.039	-0.13	13.95	14.00	1.012	0.089	22.4
Right cheek	DH5	0/2402	76.97%	1.299	0.235	0.125	-0.11	13.70	14.00	1.072	0.327	22.4
Right tilted	DH5	78/2480	76.97%	1.299	0.158	0.072	-0.15	12.19	14.00	1.517	0.311	22.4
Body worn&Hotspot Test data (Separate 10mm)												
Front side	DH5	39/2441	76.97%	1.299	0.041	0.018	-0.15	13.95	14.00	1.012	0.054	22.3
Back side	DH5	39/2441	76.97%	1.299	0.150	0.067	-0.03	13.95	14.00	1.012	0.197	22.3
Right side	DH5	39/2441	76.97%	1.299	0.081	0.037	-0.10	13.95	14.00	1.012	0.106	22.3
Top side	DH5	39/2441	76.97%	1.299	0.033	0.021	0.11	13.95	14.00	1.012	0.043	22.3
Back side	DH5	0/2402	76.97%	1.299	0.128	0.057	0.03	13.70	14.00	1.072	0.178	22.3
Back side	DH5	78/2480	76.97%	1.299	0.091	0.045	-0.05	12.19	14.00	1.517	0.179	22.3

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9.3 Measurement of PD Data

9.3.1 PD Result of WIFI 6E

Wi-Fi 6E PD Test Record MIMO															
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (λ)	Duty Cycle	Duty Cycle Scaled factor	iPDn	iPD ratio	Measured PD 4cm ² (W/m ²)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaling Factor for measurement uncertainty	Tune up Scaled factor	Scaled PD 4cm ² (W/m ²)
Power Density Test DATA															
Front side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	/	/	1.20	-0.03	17.21	17.50	1.5493	1.069	1.994
Back side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	/	/	3.84	0.09	17.21	17.50	1.5493	1.069	6.380
Right side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	26.00	0.87	4.06	-0.09	17.21	17.50	1.5493	1.069	6.739
Right side	802.11ax 160M	143/6665	9.7	0.0625	99.71%	1.003	21.30		1.12	0.07	17.21	17.50	1.5493	1.069	1.855
Top side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	/	/	1.41	0.05	17.21	17.50	1.5493	1.069	2.340
Right side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	/	/	4.30	-0.04	17.02	17.50	1.5493	1.117	7.461
Right side	802.11ax 160M	79/6345	2	0.0625	99.71%	1.003	/	/	3.99	-0.08	17.10	17.50	1.5493	1.096	6.796
Right side	802.11ax 160M	111/6505	2	0.0625	99.71%	1.003	/	/	3.35	-0.13	17.02	17.50	1.5493	1.117	5.814
Right side	802.11ax 160M	207/6985	2	0.0625	99.71%	1.003	/	/	5.47	0.05	16.94	17.50	1.5493	1.137	9.666

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9.4 Multiple Transmitter Evaluation

9.4.1 Simultaneous SAR test evaluation

No.	Simultaneous Tx Combination	Head	Body	Hotspot	Limbs
1	WWAN+WIFI2.4G	Yes	Yes	Yes	Yes
2	WWAN+BT	Yes	Yes	Yes	Yes
3	WWAN+WIFI5G	Yes	Yes	Yes	Yes
4	WWAN + WLAN 5G/6E(chain 0) + BT(chain 0)	Yes	Yes	Yes	Yes
5	WWAN + WLAN 5G/6E(chain 1) + BT(chain 0)	Yes	Yes	Yes	Yes
6	WWAN + WLAN 5G/6E MIMO + BT(chain 0)	Yes	Yes	Yes	Yes
7	WWAN + WLAN 5G/6E(chain 0) + BT(chain 1)	Yes	Yes	Yes	Yes
8	WWAN + WLAN 5G/6E(chain 1) + BT(chain 1)	Yes	Yes	Yes	Yes
9	WWAN + WLAN 5G/6EMIMO + BT(chain 1)	Yes	Yes	Yes	Yes
10	WLAN 5G/6E(chain 0) + BT(chain 0)	Yes	Yes	Yes	Yes
11	WLAN 5G/6E(chain 1) + BT(chain 0)	Yes	Yes	Yes	Yes
12	WLAN 5G/6E MIMO + BT(chain 0)	Yes	Yes	Yes	Yes
13	WLAN 5G/6E(chain 0) + BT(chain 1)	Yes	Yes	Yes	Yes
14	WLAN 5G/6E(chain 1) + BT(chain 1)	Yes	Yes	Yes	Yes
15	WLAN 5G/6EMIMO + BT(chain 1)	Yes	Yes	Yes	Yes
16	WWAN+WIFI2.4G+NFC	/	/	/	Yes
17	WWAN+BT+NFC	/	/	/	Yes
18	WWAN+WIFI5G+NFC	/	/	/	Yes
19	WWAN + WLAN 5G/6E(chain 0) + BT(chain 0)+NFC	/	/	/	Yes
20	WWAN + WLAN 5G/6E(chain 1) + BT(chain 0)+NFC	/	/	/	Yes
21	WWAN + WLAN 5G/6E MIMO + BT(chain 0)+NFC	/	/	/	Yes
22	WWAN + WLAN 5G/6E(chain 0) + BT(chain 1)+NFC	/	/	/	Yes
23	WWAN + WLAN 5G/6E(chain 1) + BT(chain 1)+NFC	/	/	/	Yes
24	WWAN + WLAN 5G/6EMIMO + BT(chain 1)+NFC	/	/	/	Yes
25	WLAN 5G/6E(chain 0) + BT(chain 0)+NFC	/	/	/	Yes
26	WLAN 5G/6E(chain 1) + BT(chain 0)+NFC	/	/	/	Yes
27	WLAN 5G/6E MIMO + BT(chain 0)+NFC	/	/	/	Yes
28	WLAN 5G/6E(chain 0) + BT(chain 1)+NFC	/	/	/	Yes
29	WLAN 5G/6E(chain 1) + BT(chain 1)+NFC	/	/	/	Yes
30	WLAN 5G/6EMIMO + BT(chain 1)+NFC	/	/	/	Yes

Note:

- 1) The device does not support DTM function.
- 2) NFC is different from the working scenario of WWAN/WIFI(Head/Body-worn/Hotspot) and does not participate in the simultaneous transmission.
- 3) The NFC test data can be referred to NFC SAR test report (Report NO.: SUCR241000040401).
- 4) For WiFi 5G,U-NII-2A and U-NII-2C band does not support hotspot function.



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9.4.2 Simultaneous Transmission SAR Summation Scenario

Head:

Band/Test position		SARmax (W/kg)					Summed SAR					
		WiFi 5G&WIFI 6E Ant9	WiFi 5G&WIFI 6E Ant10	WiFi 5G&WIFI 6E MIMO	BT Ant9	BT Ant10						
		1	2	3	4	5	1+4	2+4	3+4	1+5	2+5	3+5
WLAN	Left cheek	0.383	0.166	0.652	0.348	0.343	0.731	0.514	1.000	0.726	0.509	0.995
	Left tilted	0.269	0.125	0.411	0.264	0.219	0.533	0.389	0.675	0.488	0.344	0.630
	Right cheek	0.169	0.066	0.242	0.170	0.126	0.339	0.236	0.412	0.295	0.192	0.368
	Right tilted	0.162	0.066	0.248	0.118	0.089	0.280	0.184	0.366	0.251	0.155	0.337

Band/Test position		SARmax (W/kg)								
		WWAN Max SAR	WiFi 2.4G Ant9	WiFi 2.4G Ant10	WiFi 2.4G MIMO	WiFi 5G&WIFI 6E Ant9	WiFi 5G&WIFI 6E Ant10	WiFi 5G&WIFI 6E MIMO	BT Ant9	BT Ant10
		1	2	3	4	5	6	7	8	9
GSM 850	Left cheek	0.404	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.346	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.585	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.370	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
GSM 1900	Left cheek	0.401	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.361	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.864	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.434	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
WCDMA B2	Left cheek	0.318	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.314	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.740	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.347	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
WCDMA B4	Left cheek	0.391	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.299	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.801	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.461	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
WCDMA B5	Left cheek	0.695	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.586	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.027	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.701	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band7	Left cheek	0.773	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.236	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.099	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.403	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band12	Left cheek	0.974	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.773	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.145	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.713	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band13	Left cheek	0.797	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.632	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.192	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126



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	Right tilted	0.669	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band14	Left cheek	0.977	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.819	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.189	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.808	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band25	Left cheek	0.658	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.309	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.865	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.396	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band26	Left cheek	0.811	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.785	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.192	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.834	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band30	Left cheek	0.266	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.256	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.029	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.589	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band41	Left cheek	0.533	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.229	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.089	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.454	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band42	Left cheek	0.637	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.231	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.031	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.436	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band43	Left cheek	0.339	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.099	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.820	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.205	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band48	Left cheek	0.460	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.135	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.165	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.279	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band66	Left cheek	0.547	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.330	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.799	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.425	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
LTE Band71	Left cheek	0.902	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.849	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.164	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.743	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N7	Left cheek	0.789	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.338	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.010	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.524	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N14	Left cheek	0.943	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.699	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.046	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.737	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N25	Left cheek	0.472	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.428	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219



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	Right cheek	1.114	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.564	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N26	Left cheek	0.776	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.735	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.976	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.630	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N30	Left cheek	0.326	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.297	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.143	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.646	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N41	Left cheek	0.594	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.184	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.152	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	1.065	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N48	Left cheek	0.536	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.160	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.114	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.349	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N66	Left cheek	0.463	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.419	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.146	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.619	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N70	Left cheek	0.509	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.151	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.333	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.172	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N71	Left cheek	0.869	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.596	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	0.754	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.503	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N77 (3450-3550)	Left cheek	0.899	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.220	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.194	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.323	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089
NR N77 (3700-3980)	Left cheek	0.832	0.493	0.048	0.547	0.152	0.166	0.259	0.348	0.343
	Left tilted	0.181	0.279	0.028	0.311	0.107	0.082	0.164	0.264	0.219
	Right cheek	1.189	0.182	0.009	0.196	0.067	0.066	0.099	0.170	0.126
	Right tilted	0.345	0.131	0.007	0.141	0.066	0.066	0.099	0.118	0.089



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Band/Test position		Summed SAR													
		1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+5+8	1+6+8	1+7+8	1+5+9	1+6+9	1+7+9
GSM 850	Left cheek	0.897	0.452	0.951	0.556	0.570	0.663	0.752	0.747	0.904	0.918	1.011	0.899	0.913	1.006
	Left tilted	0.625	0.374	0.657	0.453	0.428	0.510	0.610	0.565	0.717	0.692	0.774	0.672	0.647	0.729
	Right cheek	0.767	0.594	0.781	0.652	0.651	0.684	0.755	0.711	0.822	0.821	0.854	0.778	0.777	0.810
	Right tilted	0.501	0.377	0.511	0.436	0.436	0.469	0.488	0.459	0.554	0.554	0.587	0.525	0.525	0.558
GSM 1900	Left cheek	0.894	0.449	0.948	0.553	0.567	0.660	0.749	0.744	0.901	0.915	1.008	0.896	0.910	1.003
	Left tilted	0.640	0.389	0.672	0.468	0.443	0.525	0.625	0.580	0.732	0.707	0.789	0.687	0.662	0.744
	Right cheek	1.046	0.873	1.060	0.931	0.930	0.963	1.034	0.990	1.101	1.100	1.133	1.057	1.056	1.089
	Right tilted	0.565	0.441	0.575	0.500	0.500	0.533	0.552	0.523	0.618	0.618	0.651	0.589	0.589	0.622
WCDMA B2	Left cheek	0.811	0.366	0.865	0.470	0.484	0.577	0.666	0.661	0.818	0.832	0.925	0.813	0.827	0.920
	Left tilted	0.593	0.342	0.625	0.421	0.396	0.478	0.578	0.533	0.685	0.660	0.742	0.640	0.615	0.697
	Right cheek	0.922	0.749	0.936	0.807	0.806	0.839	0.910	0.866	0.977	0.976	1.009	0.933	0.932	0.965
	Right tilted	0.478	0.354	0.488	0.413	0.413	0.446	0.465	0.436	0.531	0.531	0.564	0.502	0.502	0.535
WCDMA B4	Left cheek	0.884	0.439	0.938	0.543	0.557	0.650	0.739	0.734	0.891	0.905	0.998	0.886	0.900	0.993
	Left tilted	0.578	0.327	0.610	0.406	0.381	0.463	0.563	0.518	0.670	0.645	0.727	0.625	0.600	0.682
	Right cheek	0.983	0.810	0.997	0.868	0.867	0.900	0.971	0.927	1.038	1.037	1.070	0.994	0.993	1.026
	Right tilted	0.592	0.468	0.602	0.527	0.527	0.560	0.579	0.550	0.645	0.645	0.678	0.616	0.616	0.649
WCDMA B5	Left cheek	1.188	0.743	1.242	0.847	0.861	0.954	1.043	1.038	1.195	1.209	1.302	1.190	1.204	1.297
	Left tilted	0.865	0.614	0.897	0.693	0.668	0.750	0.850	0.805	0.957	0.932	1.014	0.912	0.887	0.969
	Right cheek	1.209	1.036	1.223	1.094	1.093	1.126	1.197	1.153	1.264	1.263	1.296	1.220	1.219	1.252
	Right tilted	0.832	0.708	0.842	0.767	0.767	0.800	0.819	0.790	0.885	0.885	0.918	0.856	0.856	0.889
LTE Band7	Left cheek	1.266	0.821	1.320	0.925	0.939	1.032	1.121	1.116	1.273	1.287	1.380	1.268	1.282	1.375
	Left tilted	0.515	0.264	0.547	0.343	0.318	0.400	0.500	0.455	0.607	0.582	0.664	0.562	0.537	0.619
	Right cheek	1.281	1.108	1.295	1.166	1.165	1.198	1.269	1.225	1.336	1.335	1.368	1.292	1.291	1.324
	Right tilted	0.534	0.410	0.544	0.469	0.469	0.502	0.521	0.492	0.587	0.587	0.620	0.558	0.558	0.591
LTE Band12	Left cheek	1.467	1.022	1.521	1.126	1.140	1.233	1.322	1.317	1.474	1.488	1.581	1.469	1.483	1.576
	Left tilted	1.052	0.801	1.084	0.880	0.855	0.937	1.037	0.992	1.144	1.119	1.201	1.099	1.074	1.156
	Right cheek	1.327	1.154	1.341	1.212	1.211	1.244	1.315	1.271	1.382	1.381	1.414	1.338	1.337	1.370
	Right tilted	0.844	0.720	0.854	0.779	0.779	0.812	0.831	0.802	0.897	0.897	0.930	0.868	0.868	0.901
LTE Band13	Left cheek	1.290	0.845	1.344	0.949	0.963	1.056	1.145	1.140	1.297	1.311	1.404	1.292	1.306	1.399
	Left tilted	0.911	0.660	0.943	0.739	0.714	0.796	0.896	0.851	1.003	0.978	1.060	0.958	0.933	1.015
	Right cheek	1.374	1.201	1.388	1.259	1.258	1.291	1.362	1.318	1.429	1.428	1.461	1.385	1.384	1.417
	Right tilted	0.800	0.676	0.810	0.735	0.735	0.768	0.787	0.758	0.853	0.853	0.886	0.824	0.824	0.857
LTE Band14	Left cheek	1.470	1.025	1.524	1.129	1.143	1.236	1.325	1.320	1.477	1.491	1.584	1.472	1.486	1.579
	Left tilted	1.098	0.847	1.130	0.926	0.901	0.983	1.083	1.038	1.190	1.165	1.247	1.145	1.120	1.202
	Right cheek	1.371	1.198	1.385	1.256	1.255	1.288	1.359	1.315	1.426	1.425	1.458	1.382	1.381	1.414
	Right tilted	0.939	0.815	0.949	0.874	0.874	0.907	0.926	0.897	0.992	0.992	1.025	0.963	0.963	0.996
LTE Band25	Left cheek	1.151	0.706	1.205	0.810	0.824	0.917	1.006	1.001	1.158	1.172	1.265	1.153	1.167	1.260
	Left tilted	0.588	0.337	0.620	0.416	0.391	0.473	0.573	0.528	0.680	0.655	0.737	0.635	0.610	0.692
	Right cheek	1.047	0.874	1.061	0.932	0.931	0.964	1.035	0.991	1.102	1.101	1.134	1.058	1.057	1.090
	Right tilted	0.527	0.403	0.537	0.462	0.462	0.495	0.514	0.485	0.580	0.580	0.613	0.551	0.551	0.584
LTE Band26	Left cheek	1.304	0.859	1.358	0.963	0.977	1.070	1.159	1.154	1.311	1.325	1.418	1.306	1.320	1.413
	Left tilted	1.064	0.813	1.096	0.892	0.867	0.949	1.049	1.004	1.156	1.131	1.213	1.111	1.086	1.168
	Right cheek	1.374	1.201	1.388	1.259	1.258	1.291	1.362	1.318	1.429	1.428	1.461	1.385	1.384	1.417
	Right tilted	0.965	0.841	0.975	0.900	0.900	0.933	0.952	0.923	1.018	1.018	1.051	0.989	0.989	1.022



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LTE Band30	Left cheek	0.759	0.314	0.813	0.418	0.432	0.525	0.614	0.609	0.766	0.780	0.873	0.761	0.775	0.868
	Left tilted	0.535	0.284	0.567	0.363	0.338	0.420	0.520	0.475	0.627	0.602	0.684	0.582	0.557	0.639
	Right cheek	1.211	1.038	1.225	1.096	1.095	1.128	1.199	1.155	1.266	1.265	1.298	1.222	1.221	1.254
	Right tilted	0.720	0.596	0.730	0.655	0.655	0.688	0.707	0.678	0.773	0.773	0.806	0.744	0.744	0.777
LTE Band41	Left cheek	1.026	0.581	1.080	0.685	0.699	0.792	0.881	0.876	1.033	1.047	1.140	1.028	1.042	1.135
	Left tilted	0.508	0.257	0.540	0.336	0.311	0.393	0.493	0.448	0.600	0.575	0.657	0.555	0.530	0.612
	Right cheek	1.271	1.098	1.285	1.156	1.155	1.188	1.259	1.215	1.326	1.325	1.358	1.282	1.281	1.314
	Right tilted	0.585	0.461	0.595	0.520	0.520	0.553	0.572	0.543	0.638	0.638	0.671	0.609	0.609	0.642
LTE Band42	Left cheek	1.130	0.685	1.184	0.789	0.803	0.896	0.985	0.980	1.137	1.151	1.244	1.132	1.146	1.239
	Left tilted	0.510	0.259	0.542	0.338	0.313	0.395	0.495	0.450	0.602	0.577	0.659	0.557	0.532	0.614
	Right cheek	1.213	1.040	1.227	1.098	1.097	1.130	1.201	1.157	1.268	1.267	1.300	1.224	1.223	1.256
	Right tilted	0.567	0.443	0.577	0.502	0.502	0.535	0.554	0.525	0.620	0.620	0.653	0.591	0.591	0.624
LTE Band43	Left cheek	0.832	0.387	0.886	0.491	0.505	0.598	0.687	0.682	0.839	0.853	0.946	0.834	0.848	0.941
	Left tilted	0.378	0.127	0.410	0.206	0.181	0.263	0.363	0.318	0.470	0.445	0.527	0.425	0.400	0.482
	Right cheek	1.002	0.829	1.016	0.887	0.886	0.919	0.990	0.946	1.057	1.056	1.089	1.013	1.012	1.045
	Right tilted	0.336	0.212	0.346	0.271	0.271	0.304	0.323	0.294	0.389	0.389	0.422	0.360	0.360	0.393
LTE Band48	Left cheek	0.953	0.508	1.007	0.612	0.626	0.719	0.808	0.803	0.960	0.974	1.067	0.955	0.969	1.062
	Left tilted	0.414	0.163	0.446	0.242	0.217	0.299	0.399	0.354	0.506	0.481	0.563	0.461	0.436	0.518
	Right cheek	1.347	1.174	1.361	1.232	1.231	1.264	1.335	1.291	1.402	1.401	1.434	1.358	1.357	1.390
	Right tilted	0.410	0.286	0.420	0.345	0.345	0.378	0.397	0.368	0.463	0.463	0.496	0.434	0.434	0.467
LTE Band66	Left cheek	1.040	0.595	1.094	0.699	0.713	0.806	0.895	0.890	1.047	1.061	1.154	1.042	1.056	1.149
	Left tilted	0.609	0.358	0.641	0.437	0.412	0.494	0.594	0.549	0.701	0.676	0.758	0.656	0.631	0.713
	Right cheek	0.981	0.808	0.995	0.866	0.865	0.898	0.969	0.925	1.036	1.035	1.068	0.992	0.991	1.024
	Right tilted	0.556	0.432	0.566	0.491	0.491	0.524	0.543	0.514	0.609	0.609	0.642	0.580	0.580	0.613
LTE Band71	Left cheek	1.395	0.950	1.449	1.054	1.068	1.161	1.250	1.245	1.402	1.416	1.509	1.397	1.411	1.504
	Left tilted	1.128	0.877	1.160	0.956	0.931	1.013	1.113	1.068	1.220	1.195	1.277	1.175	1.150	1.232
	Right cheek	1.346	1.173	1.360	1.231	1.230	1.263	1.334	1.290	1.401	1.400	1.433	1.357	1.356	1.389
	Right tilted	0.874	0.750	0.884	0.809	0.809	0.842	0.861	0.832	0.927	0.927	0.960	0.898	0.898	0.931
NR N7	Left cheek	1.282	0.837	1.336	0.941	0.955	1.048	1.137	1.132	1.289	1.303	1.396	1.284	1.298	1.391
	Left tilted	0.617	0.366	0.649	0.445	0.420	0.502	0.602	0.557	0.709	0.684	0.766	0.664	0.639	0.721
	Right cheek	1.192	1.019	1.206	1.077	1.076	1.109	1.180	1.136	1.247	1.246	1.279	1.203	1.202	1.235
	Right tilted	0.655	0.531	0.665	0.590	0.590	0.623	0.642	0.613	0.708	0.708	0.741	0.679	0.679	0.712
NR N14	Left cheek	1.436	0.991	1.490	1.095	1.109	1.202	1.291	1.286	1.443	1.457	1.550	1.438	1.452	1.545
	Left tilted	0.978	0.727	1.010	0.806	0.781	0.863	0.963	0.918	1.070	1.045	1.127	1.025	1.000	1.082
	Right cheek	1.228	1.055	1.242	1.113	1.112	1.145	1.216	1.172	1.283	1.282	1.315	1.239	1.238	1.271
	Right tilted	0.868	0.744	0.878	0.803	0.803	0.836	0.855	0.826	0.921	0.921	0.954	0.892	0.892	0.925
NR N25	Left cheek	0.965	0.520	1.019	0.624	0.638	0.731	0.820	0.815	0.972	0.986	1.079	0.967	0.981	1.074
	Left tilted	0.707	0.456	0.739	0.535	0.510	0.592	0.692	0.647	0.799	0.774	0.856	0.754	0.729	0.811
	Right cheek	1.296	1.123	1.310	1.181	1.180	1.213	1.284	1.240	1.351	1.350	1.383	1.307	1.306	1.339
	Right tilted	0.695	0.571	0.705	0.630	0.630	0.663	0.682	0.653	0.748	0.748	0.781	0.719	0.719	0.752
NR N26	Left cheek	1.269	0.824	1.323	0.928	0.942	1.035	1.124	1.119	1.276	1.290	1.383	1.271	1.285	1.378
	Left tilted	1.014	0.763	1.046	0.842	0.817	0.899	0.999	0.954	1.106	1.081	1.163	1.061	1.036	1.118
	Right cheek	1.158	0.985	1.172	1.043	1.042	1.075	1.146	1.102	1.213	1.212	1.245	1.169	1.168	1.201
	Right tilted	0.761	0.637	0.771	0.696	0.696	0.729	0.748	0.719	0.814	0.814	0.847	0.785	0.785	0.818
NR N30	Left cheek	0.819	0.374	0.873	0.478	0.492	0.585	0.674	0.669	0.826	0.840	0.933	0.821	0.835	0.928
	Left tilted	0.576	0.325	0.608	0.404	0.379	0.461	0.561	0.516	0.668	0.643	0.725	0.623	0.598	0.680
	Right cheek	1.325	1.152	1.339	1.210	1.209	1.242	1.313	1.269	1.380	1.379	1.412	1.336	1.335	1.368
	Right tilted	0.777	0.653	0.787	0.712	0.712	0.745	0.764	0.735	0.830	0.830	0.863	0.801	0.801	0.834
NR N41	Left cheek	1.087	0.642	1.141	0.746	0.760	0.853	0.942	0.937	1.094	1.108	1.201	1.089	1.103	1.196
	Left tilted	0.463	0.212	0.495	0.291	0.266	0.348	0.448	0.403	0.555	0.530	0.612	0.510	0.485	0.567
	Right cheek	1.334	1.161	1.348	1.219	1.218	1.251	1.322	1.278	1.389	1.388	1.421	1.345	1.344	1.377



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	Right tilted	1.196	1.072	1.206	1.131	1.131	1.164	1.183	1.154	1.249	1.249	1.282	1.220	1.220	1.253
NR N48	Left cheek	1.029	0.584	1.083	0.688	0.702	0.795	0.884	0.879	1.036	1.050	1.143	1.031	1.045	1.138
	Left tilted	0.439	0.188	0.471	0.267	0.242	0.324	0.424	0.379	0.531	0.506	0.588	0.486	0.461	0.543
	Right cheek	1.296	1.123	1.310	1.181	1.180	1.213	1.284	1.240	1.351	1.350	1.383	1.307	1.306	1.339
	Right tilted	0.480	0.356	0.490	0.415	0.415	0.448	0.467	0.438	0.533	0.533	0.566	0.504	0.504	0.537
NR N66	Left cheek	0.956	0.511	1.010	0.615	0.629	0.722	0.811	0.806	0.963	0.977	1.070	0.958	0.972	1.065
	Left tilted	0.698	0.447	0.730	0.526	0.501	0.583	0.683	0.638	0.790	0.765	0.847	0.745	0.720	0.802
	Right cheek	1.328	1.155	1.342	1.213	1.212	1.245	1.316	1.272	1.383	1.382	1.415	1.339	1.338	1.371
	Right tilted	0.750	0.626	0.760	0.685	0.685	0.718	0.737	0.708	0.803	0.803	0.836	0.774	0.774	0.807
NR N70	Left cheek	1.002	0.557	1.056	0.661	0.675	0.768	0.857	0.852	1.009	1.023	1.116	1.004	1.018	1.111
	Left tilted	0.430	0.179	0.462	0.258	0.233	0.315	0.415	0.370	0.522	0.497	0.579	0.477	0.452	0.534
	Right cheek	0.515	0.342	0.529	0.400	0.399	0.432	0.503	0.459	0.570	0.569	0.602	0.526	0.525	0.558
	Right tilted	0.303	0.179	0.313	0.238	0.238	0.271	0.290	0.261	0.356	0.356	0.389	0.327	0.327	0.360
NR N71	Left cheek	1.362	0.917	1.416	1.021	1.035	1.128	1.217	1.212	1.369	1.383	1.476	1.364	1.378	1.471
	Left tilted	0.875	0.624	0.907	0.703	0.678	0.760	0.860	0.815	0.967	0.942	1.024	0.922	0.897	0.979
	Right cheek	0.936	0.763	0.950	0.821	0.820	0.853	0.924	0.880	0.991	0.990	1.023	0.947	0.946	0.979
	Right tilted	0.634	0.510	0.644	0.569	0.569	0.602	0.621	0.592	0.687	0.687	0.720	0.658	0.658	0.691
NR N77 (3450-3550)	Left cheek	1.392	0.947	1.446	1.051	1.065	1.158	1.247	1.242	1.399	1.413	1.506	1.394	1.408	1.501
	Left tilted	0.499	0.248	0.531	0.327	0.302	0.384	0.484	0.439	0.591	0.566	0.648	0.546	0.521	0.603
	Right cheek	1.376	1.203	1.390	1.261	1.260	1.293	1.364	1.320	1.431	1.430	1.463	1.387	1.386	1.419
	Right tilted	0.454	0.330	0.464	0.389	0.389	0.422	0.441	0.412	0.507	0.507	0.540	0.478	0.478	0.511
NR N77 (3700-3980)	Left cheek	1.325	0.880	1.379	0.984	0.998	1.091	1.180	1.175	1.332	1.346	1.439	1.327	1.341	1.434
	Left tilted	0.460	0.209	0.492	0.288	0.263	0.345	0.445	0.400	0.552	0.527	0.609	0.507	0.482	0.564
	Right cheek	1.371	1.198	1.385	1.256	1.255	1.288	1.359	1.315	1.426	1.425	1.458	1.382	1.381	1.414
	Right tilted	0.476	0.352	0.486	0.411	0.411	0.444	0.463	0.434	0.529	0.529	0.562	0.500	0.500	0.533

(for original report SZCR241000381012)



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10mm:

Band/Test position		SARmax (W/kg)					Summed SAR					
		WiFi 5G&WIFI 6E Ant9	WiFi 5G&WIFI 6E Ant10	WiFi 5G&WIFI 6E MIMO	BT Ant9	BT Ant10						
		1	2	3	4	5	1+4	2+4	3+4	1+5	2+5	3+5
WLAN	Front side	0.108	0.091	0.169	0.084	0.054	0.192	0.175	0.253	0.162	0.145	0.223
	Back side	0.116	0.286	0.403	0.033	0.197	0.149	0.319	0.436	0.313	0.483	0.600
	Left side	/	/	/	/	/	/	/	/	/	/	/
	Right side	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.108	0.082	0.187	0.024	0.043	0.132	0.106	0.211	0.151	0.125	0.230
	Bottom side	/	/	/	/	/	/	/	/	/	/	/

Band/Test position		SARmax (W/kg)								
		WWAN Max SAR	WiFi 2.4G Ant9	WiFi 2.4G Ant10	WiFi 2.4G MIMO	WiFi 5G&WIFI 6E Ant9	WiFi 5G&WIFI 6E Ant10	WiFi 5G&WIFI 6E MIMO	BT Ant9	BT Ant10
		1	2	3	4	5	6	7	8	9
GSM 850	Front side	0.563	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.410	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.097	/	/	/	/	/	/	/	/
	Right side	0.173	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.226	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
GSM 1900	Front side	0.406	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.413	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.405	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.303	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
WCDMA B2	Front side	0.744	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.736	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.569	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.568	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
WCDMA B4	Front side	0.703	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.846	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.773	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.599	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
WCDMA B5	Front side	0.796	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.451	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.113	/	/	/	/	/	/	/	/
	Right side	0.216	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.389	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
LTE	Front side	0.758	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054



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Band7	Back side	0.849	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	1.108	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.335	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	0.264	/	/	/	/	/	/	/	/
LTE Band12	Front side	0.467	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.582	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.163	/	/	/	/	/	/	/	/
	Right side	0.325	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.365	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
LTE Band13	Bottom side	/	/	/	/	/	/	/	/	/
	Front side	0.743	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.526	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.098	/	/	/	/	/	/	/	/
	Right side	0.231	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
LTE Band14	Top side	0.340	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
	Front side	0.523	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.683	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.095	/	/	/	/	/	/	/	/
LTE Band25	Right side	0.256	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.345	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
	Front side	0.549	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.610	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
LTE Band26	Left side	0.673	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.445	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	0.206	/	/	/	/	/	/	/	/
	Front side	0.909	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
LTE Band30	Back side	0.620	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.119	/	/	/	/	/	/	/	/
	Right side	0.271	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.427	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band41	Front side	0.844	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.924	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.602	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.565	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
LTE Band42	Bottom side	/	/	/	/	/	/	/	/	/
	Front side	0.807	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.638	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.865	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
LTE Band42	Top side	0.209	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	0.184	/	/	/	/	/	/	/	/
	Front side	0.322	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.861	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
LTE Band42	Left side	0.448	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106



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SZSAR-TRF-01 Rev. A/0 May15,2023

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	Top side	/	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band43	Front side	0.479	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.964	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.604	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	/	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band48	Front side	0.723	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.973	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.787	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	/	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band66	Front side	0.754	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.863	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.902	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.824	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	0.232	/	/	/	/	/	/	/	/
LTE Band71	Front side	0.464	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.420	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.160	/	/	/	/	/	/	/	/
	Right side	0.297	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.290	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
NR N7	Front side	0.788	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.907	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	1.133	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.416	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	0.445	/	/	/	/	/	/	/	/
NR N14	Front side	0.709	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.576	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.128	/	/	/	/	/	/	/	/
	Right side	0.317	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.415	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
NR N25	Front side	0.796	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.823	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.670	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.723	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
NR N26	Front side	0.749	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.534	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.128	/	/	/	/	/	/	/	/
	Right side	0.252	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.419	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
NR N30	Front side	0.893	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054



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	Back side	0.756	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.583	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.443	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
NR N41	Front side	0.574	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.767	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	1.119	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.183	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
NR N48	Bottom side	0.213	/	/	/	/	/	/	/	/
	Front side	0.371	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.570	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.582	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
NR N66	Top side	/	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
	Front side	0.482	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.861	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.472	/	/	/	/	/	/	/	/
NR N70	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.488	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
	Front side	0.695	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.848	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
NR N71	Left side	0.707	/	/	/	/	/	/	/	/
	Right side	/	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	/	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	0.303	/	/	/	/	/	/	/	/
	Front side	0.453	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
NR N77 (3450-3550)	Back side	0.389	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.166	/	/	/	/	/	/	/	/
	Right side	0.248	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	0.289	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/
NR N77 (3700-3980)	Front side	0.541	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.605	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.439	/	/	/	/	/	/	/	/
	Right side	1.120	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
	Top side	/	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
NR N77 (3700-3980)	Bottom side	/	/	/	/	/	/	/	/	/
	Front side	0.530	0.173	0.015	0.180	0.108	0.091	0.169	0.084	0.054
	Back side	0.791	0.137	0.175	0.581	0.116	0.286	0.403	0.033	0.197
	Left side	0.696	/	/	/	/	/	/	/	/
	Right side	0.982	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106
NR N77 (3700-3980)	Top side	/	0.108	0.008	0.089	0.108	0.082	0.187	0.024	0.043
	Bottom side	/	/	/	/	/	/	/	/	/



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Band/Test position		Summed SAR													
		1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+5+8	1+6+8	1+7+8	1+5+9	1+6+9	1+7+9
GSM 850	Front side	0.736	0.578	0.743	0.671	0.654	0.732	0.647	0.617	0.755	0.738	0.816	0.725	0.708	0.786
	Back side	0.547	0.585	0.991	0.526	0.696	0.813	0.443	0.607	0.559	0.729	0.846	0.723	0.893	1.010
	Left side	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097	0.097
	Right side	0.292	0.275	0.501	0.322	0.380	0.468	0.237	0.279	0.386	0.444	0.532	0.428	0.486	0.574
	Top side	0.334	0.234	0.315	0.334	0.308	0.413	0.250	0.269	0.358	0.332	0.437	0.377	0.351	0.456
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
GSM 1900	Front side	0.579	0.421	0.586	0.514	0.497	0.575	0.490	0.460	0.598	0.581	0.659	0.568	0.551	0.629
	Back side	0.550	0.588	0.994	0.529	0.699	0.816	0.446	0.610	0.562	0.732	0.849	0.726	0.896	1.013
	Left side	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.411	0.311	0.392	0.411	0.385	0.490	0.327	0.346	0.435	0.409	0.514	0.454	0.428	0.533
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
WCDMA B2	Front side	0.917	0.759	0.924	0.852	0.835	0.913	0.828	0.798	0.936	0.919	0.997	0.906	0.889	0.967
	Back side	0.873	0.911	1.317	0.852	1.022	1.139	0.769	0.933	0.885	1.055	1.172	1.049	1.219	1.336
	Left side	0.569	0.569	0.569	0.569	0.569	0.569	0.569	0.569	0.569	0.569	0.569	0.569	0.569	0.569
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.676	0.576	0.657	0.676	0.650	0.755	0.592	0.611	0.700	0.674	0.779	0.719	0.693	0.798
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
WCDMA B4	Front side	0.876	0.718	0.883	0.811	0.794	0.872	0.787	0.757	0.895	0.878	0.956	0.865	0.848	0.926
	Back side	0.983	1.021	1.427	0.962	1.132	1.249	0.879	1.043	0.995	1.165	1.282	1.159	1.329	1.446
	Left side	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773	0.773
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.707	0.607	0.688	0.707	0.681	0.786	0.623	0.642	0.731	0.705	0.810	0.750	0.724	0.829
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
WCDMA B5	Front side	0.969	0.811	0.976	0.904	0.887	0.965	0.880	0.850	0.988	0.971	1.049	0.958	0.941	1.019
	Back side	0.588	0.626	1.032	0.567	0.737	0.854	0.484	0.648	0.600	0.770	0.887	0.764	0.934	1.051
	Left side	0.113	0.113	0.113	0.113	0.113	0.113	0.113	0.113	0.113	0.113	0.113	0.113	0.113	0.113
	Right side	0.335	0.318	0.544	0.365	0.423	0.511	0.280	0.322	0.429	0.487	0.575	0.471	0.529	0.617
	Top side	0.497	0.397	0.478	0.497	0.471	0.576	0.413	0.432	0.521	0.495	0.600	0.540	0.514	0.619
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band7	Front side	0.931	0.773	0.938	0.866	0.849	0.927	0.842	0.812	0.950	0.933	1.011	0.920	0.903	0.981
	Back side	0.986	1.024	1.430	0.965	1.135	1.252	0.882	1.046	0.998	1.168	1.285	1.162	1.332	1.449
	Left side	1.108	1.108	1.108	1.108	1.108	1.108	1.108	1.108	1.108	1.108	1.108	1.108	1.108	1.108
	Right side	0.119	0.102	0.328	0.149	0.207	0.295	0.064	0.106	0.213	0.271	0.359	0.255	0.313	0.401
	Top side	0.443	0.343	0.424	0.443	0.417	0.522	0.359	0.378	0.467	0.441	0.546	0.486	0.460	0.565
	Bottom side	0.264	0.264	0.264	0.264	0.264	0.264	0.264	0.264	0.264	0.264	0.264	0.264	0.264	0.264
LTE Band12	Front side	0.640	0.482	0.647	0.575	0.558	0.636	0.551	0.521	0.659	0.642	0.720	0.629	0.612	0.690
	Back side	0.719	0.757	1.163	0.698	0.868	0.985	0.615	0.779	0.731	0.901	1.018	0.895	1.065	1.182
	Left side	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163
	Right side	0.444	0.427	0.653	0.474	0.532	0.620	0.389	0.431	0.538	0.596	0.684	0.580	0.638	0.726
	Top side	0.473	0.373	0.454	0.473	0.447	0.552	0.389	0.408	0.497	0.471	0.576	0.516	0.490	0.595
	Bottom side	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band13	Front side	0.916	0.758	0.923	0.851	0.834	0.912	0.827	0.797	0.935	0.918	0.996	0.905	0.888	0.966
	Back side	0.663	0.701	1.107	0.642	0.812	0.929	0.559	0.723	0.675	0.845	0.962	0.839	1.009	1.126



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