

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

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

Report No.: SZCR250500221411

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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)	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	0.117	0.042	-0.04	0.723	15.02	16.00	1.253	0.147	22.1
Left tilted	802.11ax 160M	143/6665	99.71%	1.003	0.145	0.038	-0.09	0.896	15.02	16.00	1.253	0.182	22.1
Right cheek	802.11ax 160M	143/6665	99.71%	1.003	0.064	0.021	-0.06	0.395	15.02	16.00	1.253	0.080	22.1
Right tilted	802.11ax 160M	143/6665	99.71%	1.003	0.092	0.031	0.05	0.568	15.02	16.00	1.253	0.116	22.1
Left tilted	802.11ax 160M	47/6185	99.71%	1.003	0.092	0.020	0.06	0.568	14.86	16.00	1.300	0.120	22.1
Left tilted	802.11ax 160M	79/6345	99.71%	1.003	0.136	0.032	0.13	0.840	14.95	16.00	1.274	0.174	22.1
Left tilted	802.11ax 160M	111/6505	99.71%	1.003	0.134	0.032	0.00	0.828	14.66	16.00	1.361	0.183	22.1
Left tilted	802.11ax 160M	207/6985	99.71%	1.003	0.080	0.023	0.00	0.494	14.93	16.00	1.279	0.103	22.1
Body worn Test data of (Separate 10mm) Set0													
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.094	0.026	-0.04	0.707	9.97	11.00	1.268	0.120	22.1
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.375	0.123	-0.05	2.820	9.97	11.00	1.268	0.477	22.1
Back side	802.11ax 160M	47/6185	99.71%	1.003	0.239	0.066	-0.02	1.797	9.91	11.00	1.285	0.308	22.1
Back side	802.11ax 160M	79/6345	99.71%	1.003	0.351	0.105	-0.18	2.640	9.96	11.00	1.271	0.447	22.1
Back side	802.11ax 160M	111/6505	99.71%	1.003	0.345	0.106	0.16	2.594	9.71	11.00	1.346	0.466	22.1
Back side	802.11ax 160M	207/6985	99.71%	1.003	0.208	0.077	-0.19	1.564	9.90	11.00	1.288	0.269	22.1
Body worn Test data of (Separate 10mm) Set0													
Front side	802.11ax 160M	143/6665	99.71%	1.003	0.094	0.026	-0.04	0.707	9.97	9.00	0.800	0.075	22.1
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.375	0.123	-0.05	2.820	9.97	9.00	0.800	0.301	22.1
Back side	802.11ax 160M	47/6185	99.71%	1.003	0.239	0.066	-0.02	1.797	9.91	9.00	0.811	0.194	22.1
Back side	802.11ax 160M	79/6345	99.71%	1.003	0.351	0.105	-0.18	2.640	9.96	9.00	0.802	0.282	22.1
Back side	802.11ax 160M	111/6505	99.71%	1.003	0.345	0.106	0.16	2.594	9.71	9.00	0.849	0.294	22.1
Back side	802.11ax 160M	207/6985	99.71%	1.003	0.208	0.077	-0.19	1.564	9.90	9.00	0.813	0.170	22.1
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	0.135	0.043	0.16	0.626	9.97	11.00	1.268	0.055	22.1
Back side	802.11ax 160M	143/6665	99.71%	1.003	3.560	0.692	-0.08	16.500	9.97	11.00	1.268	0.880	22.1
Right side	802.11ax 160M	143/6665	99.71%	1.003	0.268	0.084	-0.19	1.242	9.97	11.00	1.268	0.107	22.1
Top side	802.11ax 160M	143/6665	99.71%	1.003	0.234	0.073	-0.02	1.085	9.97	11.00	1.268	0.093	22.1
Back side	802.11ax 160M	47/6185	99.71%	1.003	2.270	0.372	0.06	9.140	9.91	11.00	1.285	0.480	22.1
Back side	802.11ax 160M	79/6345	99.71%	1.003	3.340	0.596	-0.07	14.500	9.96	11.00	1.271	0.759	22.1
Back side	802.11ax 160M	111/6505	99.71%	1.003	3.310	0.598	-0.02	14.400	9.71	11.00	1.346	0.807	22.1
Back side	802.11ax 160M	207/6985	99.71%	1.003	1.980	0.434	0.01	10.100	9.90	11.00	1.288	0.561	22.1



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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	47/6185	99.71%	1.003	0.301	0.105	-0.01	2.219	18.39	19.00	1.151	0.347	22.1
Left tilted	802.11ax 160M	47/6185	99.71%	1.003	0.204	0.079	-0.15	1.504	18.39	19.00	1.151	0.235	22.1
Right cheek	802.11ax 160M	47/6185	99.71%	1.003	0.139	0.048	-0.07	1.025	18.39	19.00	1.151	0.160	22.1
Right tilted	802.11ax 160M	47/6185	99.71%	1.003	0.156	0.055	0.02	1.150	18.39	19.00	1.151	0.180	22.1
Left cheek	802.11ax 160M	15/6025	99.71%	1.003	0.247	0.098	-0.17	1.821	18.32	19.00	1.169	0.290	22.1
Left cheek	802.11ax 160M	111/6505	99.71%	1.003	0.395	0.122	-0.04	2.912	17.90	19.00	1.288	0.510	22.1
Left cheek	802.11ax 160M	143/6665	99.71%	1.003	0.426	0.138	-0.02	3.140	18.16	19.00	1.213	0.518	22.1
Left cheek	802.11ax 160M	207/6985	99.71%	1.003	0.226	0.096	-0.09	1.666	18.04	19.00	1.247	0.283	22.1
Head Test Data Set5													
Left cheek	802.11ax 160M	47/6185	99.71%	1.003	0.301	0.105	-0.01	2.219	18.39	18.00	0.914	0.276	22.1
Left tilted	802.11ax 160M	47/6185	99.71%	1.003	0.204	0.079	-0.15	1.504	18.39	18.00	0.914	0.187	22.1
Right cheek	802.11ax 160M	47/6185	99.71%	1.003	0.139	0.048	-0.07	1.025	18.39	18.00	0.914	0.127	22.1
Right tilted	802.11ax 160M	47/6185	99.71%	1.003	0.156	0.055	0.02	1.150	18.39	18.00	0.914	0.143	22.1
Left cheek	802.11ax 160M	15/6025	99.71%	1.003	0.247	0.098	-0.17	1.821	18.32	18.00	0.929	0.230	22.1
Left cheek	802.11ax 160M	111/6505	99.71%	1.003	0.395	0.122	-0.04	2.912	17.90	18.00	1.023	0.405	22.1
Left cheek	802.11ax 160M	143/6665	99.71%	1.003	0.426	0.138	-0.02	3.140	18.16	18.00	0.964	0.412	22.1
Left cheek	802.11ax 160M	207/6985	99.71%	1.003	0.226	0.096	-0.09	1.666	18.04	18.00	0.991	0.225	22.1
Body worn Test data of (Separate 10mm) Set0													
Front side	802.11ax 160M	47/6185	99.71%	1.003	0.105	0.040	-0.15	0.871	13.42	14.00	1.143	0.120	22.1
Back side	802.11ax 160M	47/6185	99.71%	1.003	0.321	0.115	-0.03	2.663	13.42	14.00	1.143	0.368	22.1
Back side	802.11ax 160M	15/6025	99.71%	1.003	0.258	0.116	-0.01	2.140	13.35	14.00	1.161	0.301	22.1
Back side	802.11ax 160M	111/6505	99.71%	1.003	0.389	0.145	-0.01	3.435	12.87	14.00	1.297	0.506	22.1
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.446	0.164	0.05	3.700	13.17	14.00	1.211	0.541	22.1
Back side	802.11ax 160M	207/6985	99.71%	1.003	0.236	0.115	-0.17	1.958	13.00	14.00	1.259	0.298	22.1
Body worn Test data of (Separate 10mm) Set2													
Front side	802.11ax 160M	47/6185	99.71%	1.003	0.105	0.040	-0.15	0.871	13.42	12.00	0.721	0.076	22.1
Back side	802.11ax 160M	47/6185	99.71%	1.003	0.321	0.115	-0.03	2.663	13.42	12.00	0.721	0.232	22.1
Back side	802.11ax 160M	15/6025	99.71%	1.003	0.258	0.116	-0.01	2.140	13.35	12.00	0.733	0.190	22.1
Back side	802.11ax 160M	111/6505	99.71%	1.003	0.389	0.145	-0.01	3.435	12.87	12.00	0.818	0.319	22.1
Back side	802.11ax 160M	143/6665	99.71%	1.003	0.446	0.164	0.05	3.700	13.17	12.00	0.764	0.342	22.1
Back side	802.11ax 160M	207/6985	99.71%	1.003	0.236	0.115	-0.17	1.958	13.00	12.00	0.794	0.188	22.1
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	47/6185	99.71%	1.003	0.852	0.276	0.11	4.207	13.42	14.00	1.143	0.316	22.1
Back side	802.11ax 160M	47/6185	99.71%	1.003	2.430	0.513	0.16	12.000	13.42	14.00	1.143	0.588	22.1
Right side	802.11ax 160M	47/6185	99.71%	1.003	1.141	0.360	-0.15	5.635	13.42	14.00	1.143	0.413	22.1
Top side	802.11ax 160M	47/6185	99.71%	1.003	0.651	0.193	0.10	3.215	13.42	14.00	1.143	0.221	22.1



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Back side	802.11ax 160M	15/6025	99.71%	1.003	1.880	0.504	-0.04	11.400	13.35	14.00	1.161	0.587	22.1
Back side	802.11ax 160M	111/6505	99.71%	1.003	3.010	0.628	0.01	14.400	12.87	14.00	1.297	0.817	22.1
Back side	802.11ax 160M	143/6665	99.71%	1.003	3.240	0.709	0.03	16.600	13.17	14.00	1.211	0.861	22.1
Back side	802.11ax 160M	207/6985	99.71%	1.003	1.720	0.498	0.02	11.300	13.00	14.00	1.259	0.629	22.1

(for original report SZCR240300076714)



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9.2.40 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	77.01%	1.299	0.326	0.161	0.05	12.57	13.00	1.104	0.467	22.4
Left tilted	DH5	39/2441	77.01%	1.299	0.172	0.084	-0.18	12.57	13.00	1.104	0.247	22.2
Right cheek	DH5	39/2441	77.01%	1.299	0.069	0.042	0.05	12.57	13.00	1.104	0.099	22.2
Right tilted	DH5	39/2441	77.01%	1.299	0.064	0.035	0.11	12.57	13.00	1.104	0.092	22.2
Body worn&Hotspot Test data (Separate 10mm)												
Front side	DH5	39/2441	77.01%	1.299	0.067	0.032	-0.09	12.57	13.00	1.104	0.096	22.4
Back side	DH5	39/2441	77.01%	1.299	0.123	0.059	-0.03	12.57	13.00	1.104	0.176	22.4
Right side	DH5	39/2441	77.01%	1.299	0.077	0.040	0.09	12.57	13.00	1.104	0.110	22.4
Top side	DH5	39/2441	77.01%	1.299	0.076	0.038	0.05	12.57	13.00	1.104	0.109	22.4
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	77.01%	1.299	0.004	0.001	-0.02	13.34	14.00	1.164	0.006	22.2
Left tilted	DH5	39/2441	77.01%	1.299	0.003	0.002	-0.16	13.34	14.00	1.164	0.005	22.2
Right cheek	DH5	39/2441	77.01%	1.299	0.041	0.017	0.07	13.34	14.00	1.164	0.062	22.2
Right tilted	DH5	39/2441	77.01%	1.299	0.008	0.004	0.03	13.34	14.00	1.164	0.012	22.2
Body worn&Hotspot Test data (Separate 10mm)												
Front side	DH5	39/2441	77.01%	1.299	0.064	0.030	-0.07	13.34	14.00	1.164	0.097	22.4
Back side	DH5	39/2441	77.01%	1.299	0.104	0.045	0.07	13.34	14.00	1.164	0.157	22.4
Right side	DH5	39/2441	77.01%	1.299	0.081	0.044	0.08	13.34	14.00	1.164	0.122	22.4
Top side	DH5	39/2441	77.01%	1.299	0.078	0.039	-0.13	13.34	14.00	1.164	0.118	22.4

(for original report SZCR240300076714)



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9.3 Measurement of PD Data

9.3.1 PD Result of WIFI 6E

Wi-Fi 6E PD Test Record Ant9													
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (A)	Duty Cycle	Duty Cycle Scaled factor	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	47/6185	2	0.0625	99.71%	1.003	1.05	0.03	10.88	11.00	1.5493	1.028	1.677
Back side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	1.63	0.17	10.88	11.00	1.5493	1.028	2.604
Right side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	2.07	0.01	10.88	11.00	1.5493	1.028	3.307
Top side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	1.02	0.02	10.88	11.00	1.5493	1.028	1.629
Right side	802.11ax 160M	15/6025	2	0.0625	99.71%	1.003	1.87	0.04	10.84	11.00	1.5493	1.038	3.015
Right side	802.11ax 160M	111/6505	2	0.0625	99.71%	1.003	1.71	-0.04	10.11	11.00	1.5493	1.227	3.262
Right side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	1.80	-0.03	10.30	11.00	1.5493	1.175	3.286
Right side	802.11ax 160M	207/6985	2	0.0625	99.71%	1.003	1.35	-0.05	10.03	11.00	1.5493	1.250	2.623
Wi-Fi 6E PD Test Record Ant10													
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (A)	Duty Cycle	Duty Cycle Scaled factor	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	0.14	0.06	9.97	11.00	1.5493	1.268	0.280
Back side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	3.11	-0.19	9.97	11.00	1.5493	1.268	6.126
Right side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	0.74	0.08	9.97	11.00	1.5493	1.268	1.460
Top side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	0.62	0.05	9.97	11.00	1.5493	1.268	1.221
Back side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	1.88	-0.08	9.91	11.00	1.5493	1.285	3.755
Back side	802.11ax 160M	79/6345	2	0.0625	99.71%	1.003	2.66	0.01	9.96	11.00	1.5493	1.271	5.252
Back side	802.11ax 160M	111/6505	2	0.0625	99.71%	1.003	2.19	-0.08	9.71	11.00	1.5493	1.346	4.580
Back side	802.11ax 160M	207/6985	2	0.0625	99.71%	1.003	3.39	0.02	9.90	11.00	1.5493	1.288	6.786
Wi-Fi 6E PD Test Record MIMO													
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (A)	Duty Cycle	Duty Cycle Scaled factor	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	47/6185	2	0.0625	99.71%	1.003	1.12	0.07	13.42	14.00	1.5493	1.143	1.989
Back side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	4.30	0.01	13.42	14.00	1.5493	1.143	7.637
Right side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	4.35	0.19	13.42	14.00	1.5493	1.143	7.725
Top side	802.11ax 160M	47/6185	2	0.0625	99.71%	1.003	1.08	0.07	13.42	14.00	1.5493	1.143	1.918
Right side	802.11ax 160M	15/6025	2	0.0625	99.71%	1.003	2.96	0.07	13.35	14.00	1.5493	1.161	5.342
Right side	802.11ax 160M	111/6505	2	0.0625	99.71%	1.003	3.07	-0.06	12.87	14.00	1.5493	1.297	6.188
Right side	802.11ax 160M	143/6665	2	0.0625	99.71%	1.003	4.71	0.15	13.17	14.00	1.5493	1.211	8.860
Right side	802.11ax 160M	207/6985	2	0.0625	99.71%	1.003	3.50	-0.03	13.00	14.00	1.5493	1.259	6.847

(for original report SZCR240300076714)

9.4 Multiple Transmitter Evaluation

9.4.1 Simultaneous SAR test evaluation

No.	Simultaneous Tx Combination	Head	Body	Hotspot	Product specific 10gSAR
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



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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.: SUCR240600020101).
- 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

NR MIMO Standalone

NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N77 (3450-3550) MIMO	Left cheek	0.375	0.295	0.670
	Left Tilt	0.116	0.190	0.306
	Right cheek	0.624	0.355	0.979
	Right Tilt	0.195	0.106	0.301

NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N77 (3700-3980) MIMO	Left cheek	0.329	0.282	0.611
	Left Tilt	0.098	0.201	0.299
	Right cheek	0.803	0.356	1.159
	Right Tilt	0.166	0.112	0.278

NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N78 (3450-3550) MIMO	Left cheek	0.375	0.343	0.718
	Left Tilt	0.116	0.243	0.359
	Right cheek	0.624	0.412	1.036
	Right Tilt	0.195	0.129	0.324

NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N78 (3700-3800) MIMO	Left cheek	0.452	0.282	0.734
	Left Tilt	0.201	0.201	0.402
	Right cheek	0.786	0.356	1.142
	Right Tilt	0.364	0.112	0.476

NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N77 (3450-3550) MIMO	Front side	0.365	0.330	0.695
	Back side	0.531	0.577	1.108
	Left side	0.579	/	0.579
	Right side	/	0.534	0.534
	Top side	/	/	/
	Bottom side	/	/	/



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NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N77 (3700-3980) MIMO	Front side	0.689	0.234	0.923
	Back side	0.620	0.752	1.372
	Left side	0.778	/	0.778
	Right side	/	0.364	0.364
	Top side	/	/	/
	Bottom side	/	/	/

NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N78 (3450-3550) MIMO	Front side	0.365	0.349	0.714
	Back side	0.531	0.671	1.202
	Left side	0.579	/	0.579
	Right side	/	0.734	0.734
	Top side	/	/	/
	Bottom side	/	/	/

NR Band Standalone	Exposure position	Ant3	Ant7	Summed SAR
N78 (3700-3800) MIMO	Front side	0.535	0.234	0.769
	Back side	0.554	0.752	1.306
	Left side	0.701	/	0.701
	Right side	/	0.364	0.364
	Top side	/	/	/
	Bottom side	/	/	/

NR MIMO Simultaneous transmission

NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N77 (3450-3550) MIMO	Left cheek	0.375	0.263	0.638
	Left Tilt	0.116	0.169	0.285
	Right cheek	0.624	0.317	0.941
	Right Tilt	0.195	0.095	0.290



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NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N77 (3700-3980) MIMO	Left cheek	0.262	0.282	0.544
	Left Tilt	0.078	0.201	0.279
	Right cheek	0.638	0.356	0.994
	Right Tilt	0.132	0.112	0.244

NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N78 (3450-3550) MIMO	Left cheek	0.375	0.306	0.681
	Left Tilt	0.116	0.217	0.333
	Right cheek	0.624	0.368	0.992
	Right Tilt	0.195	0.115	0.310

NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N78 (3700-3800) MIMO	Left cheek	0.359	0.282	0.641
	Left Tilt	0.160	0.201	0.361
	Right cheek	0.625	0.356	0.981
	Right Tilt	0.289	0.112	0.401

NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N77 (3450-3550) MIMO	Front side	0.326	0.294	0.620
	Back side	0.474	0.514	0.988
	Left side	0.516	/	0.516
	Right side	/	0.476	0.476
	Top side	/	/	/
	Bottom side	/	/	/

NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N77 (3700-3980) MIMO	Front side	0.547	0.165	0.712
	Back side	0.493	0.532	1.025
	Left side	0.618	/	0.618
	Right side	/	0.258	0.258
	Top side	/	/	/
	Bottom side	/	/	/



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NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N78 (3450-3550) MIMO	Front side	0.326	0.277	0.603
	Back side	0.474	0.533	1.007
	Left side	0.516	/	0.516
	Right side	/	0.583	0.583
	Top side	/	/	/
	Bottom side	/	/	/

NR Band Simultaneous transmission	Exposure position	Ant3	Ant7	Summed SAR
N78 (3700-3800) MIMO	Front side	0.477	0.165	0.642
	Back side	0.494	0.532	1.026
	Left side	0.624	/	0.624
	Right side	/	0.258	0.258
	Top side	/	/	/
	Bottom side	/	/	/

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	0.952	0.167	0.810	0.467	0.006	1.419	0.634	1.277	0.958	0.173	0.816
	Left tilted	0.912	0.192	0.717	0.247	0.005	1.159	0.439	0.964	0.917	0.197	0.722
	Right cheek	0.318	0.109	0.231	0.099	0.062	0.417	0.208	0.330	0.380	0.171	0.293
	Right tilted	0.419	0.118	0.316	0.092	0.012	0.511	0.210	0.408	0.431	0.130	0.328



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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	0.531	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.459	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.745	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.477	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
GSM 1900	Left cheek	0.428	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.471	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.909	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.535	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
WCDMA B2	Left cheek	0.450	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.441	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.911	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.568	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
WCDMA B4	Left cheek	0.518	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.436	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	1.034	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.589	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
WCDMA B5	Left cheek	0.443	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.432	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.637	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.426	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band7	Left cheek	0.243	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.153	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	1.003	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.474	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band12	Left cheek	0.594	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.496	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.444	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.338	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band13	Left cheek	0.631	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.611	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.618	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.395	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band14	Left cheek	0.565	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.481	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.501	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.332	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band25	Left cheek	0.594	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.492	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.961	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.596	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band26	Left cheek	0.555	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.495	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.713	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.429	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012



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LTE Band30	Left cheek	0.245	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.260	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.768	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.597	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band41	Left cheek	0.144	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.093	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.828	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.373	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band42	Left cheek	0.515	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.116	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.809	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.186	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band48	Left cheek	0.239	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.172	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.863	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.297	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band66	Left cheek	0.519	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.480	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	1.040	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.631	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
LTE Band71	Left cheek	0.599	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.524	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.638	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.351	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N7	Left cheek	0.226	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.137	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.850	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.407	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N14	Left cheek	0.681	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.555	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.661	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.482	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N25	Left cheek	0.435	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.495	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.793	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.534	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N26	Left cheek	0.525	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.480	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.780	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.434	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N30	Left cheek	0.310	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.353	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	1.133	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.683	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N41	Left cheek	0.152	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.100	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.790	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.281	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N48	Left cheek	0.633	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.200	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005



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	Right cheek	0.804	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.366	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N66	Left cheek	0.488	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.450	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	1.039	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.631	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N70	Left cheek	0.399	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.117	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.277	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.141	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N71	Left cheek	0.668	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.564	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.546	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.374	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N77 (3450-3550) SISO	Left cheek	0.557	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.316	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.815	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.411	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N77 (3700-3980) SISO	Left cheek	0.641	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.467	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.951	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.235	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N77 (3450-3550) MIMO	Left cheek	0.638	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.285	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.941	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.290	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
NR N77 (3700-3980) MIMO	Left cheek	0.544	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.279	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.994	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.244	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
N78 (3450-3550) SISO	Left cheek	0.663	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.444	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.719	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.247	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
N78 (3450-3550) MIMO	Left cheek	0.681	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.333	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.992	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.310	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012
N78 (3700-3800) MIMO	Left cheek	0.641	0.289	0.005	0.316	0.425	0.167	0.412	0.467	0.006
	Left tilted	0.361	0.201	0.025	0.209	0.407	0.192	0.320	0.247	0.005
	Right cheek	0.981	0.082	0.001	0.100	0.142	0.109	0.127	0.099	0.062
	Right tilted	0.401	0.073	0.001	0.078	0.187	0.118	0.143	0.092	0.012



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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	0.820	0.536	0.847	0.956	0.698	0.943	0.998	0.537	1.423	1.165	1.410	0.962	0.704	0.949
	Left tilted	0.660	0.484	0.668	0.866	0.651	0.779	0.706	0.464	1.113	0.898	1.026	0.871	0.656	0.784
	Right cheek	0.827	0.746	0.845	0.887	0.854	0.872	0.844	0.807	0.986	0.953	0.971	0.949	0.916	0.934
	Right tilted	0.550	0.478	0.555	0.664	0.595	0.620	0.569	0.489	0.756	0.687	0.712	0.676	0.607	0.632
GSM 1900	Left cheek	0.717	0.433	0.744	0.853	0.595	0.840	0.895	0.434	1.320	1.062	1.307	0.859	0.601	0.846
	Left tilted	0.672	0.496	0.680	0.878	0.663	0.791	0.718	0.476	1.125	0.910	1.038	0.883	0.668	0.796
	Right cheek	0.991	0.910	1.009	1.051	1.018	1.036	1.008	0.971	1.150	1.117	1.135	1.113	1.080	1.098
	Right tilted	0.608	0.536	0.613	0.722	0.653	0.678	0.627	0.547	0.814	0.745	0.770	0.734	0.665	0.690
WCDMA B2	Left cheek	0.739	0.455	0.766	0.875	0.617	0.862	0.917	0.456	1.342	1.084	1.329	0.881	0.623	0.868
	Left tilted	0.642	0.466	0.650	0.848	0.633	0.761	0.688	0.446	1.095	0.880	1.008	0.853	0.638	0.766
	Right cheek	0.993	0.912	1.011	1.053	1.020	1.038	1.010	0.973	1.152	1.119	1.137	1.115	1.082	1.100
	Right tilted	0.641	0.569	0.646	0.755	0.686	0.711	0.660	0.580	0.847	0.778	0.803	0.767	0.698	0.723
WCDMA B4	Left cheek	0.807	0.523	0.834	0.943	0.685	0.930	0.985	0.524	1.410	1.152	1.397	0.949	0.691	0.936
	Left tilted	0.637	0.461	0.645	0.843	0.628	0.756	0.683	0.441	1.090	0.875	1.003	0.848	0.633	0.761
	Right cheek	1.116	1.035	1.134	1.176	1.143	1.161	1.133	1.096	1.275	1.242	1.260	1.238	1.205	1.223
	Right tilted	0.662	0.590	0.667	0.776	0.707	0.732	0.681	0.601	0.868	0.799	0.824	0.788	0.719	0.744
WCDMA B5	Left cheek	0.732	0.448	0.759	0.868	0.610	0.855	0.910	0.449	1.335	1.077	1.322	0.874	0.616	0.861
	Left tilted	0.633	0.457	0.641	0.839	0.624	0.752	0.679	0.437	1.086	0.871	0.999	0.844	0.629	0.757
	Right cheek	0.719	0.638	0.737	0.779	0.746	0.764	0.736	0.699	0.878	0.845	0.863	0.841	0.808	0.826
	Right tilted	0.499	0.427	0.504	0.613	0.544	0.569	0.518	0.438	0.705	0.636	0.661	0.625	0.556	0.581
LTE Band7	Left cheek	0.532	0.248	0.559	0.668	0.410	0.655	0.710	0.249	1.135	0.877	1.122	0.674	0.416	0.661
	Left tilted	0.354	0.178	0.362	0.560	0.345	0.473	0.400	0.158	0.807	0.592	0.720	0.565	0.350	0.478
	Right cheek	1.085	1.004	1.103	1.145	1.112	1.130	1.102	1.065	1.244	1.211	1.229	1.207	1.174	1.192
	Right tilted	0.547	0.475	0.552	0.661	0.592	0.617	0.566	0.486	0.753	0.684	0.709	0.673	0.604	0.629
LTE Band12	Left cheek	0.883	0.599	0.910	1.019	0.761	1.006	1.061	0.600	1.486	1.228	1.473	1.025	0.767	1.012
	Left tilted	0.697	0.521	0.705	0.903	0.688	0.816	0.743	0.501	1.150	0.935	1.063	0.908	0.693	0.821
	Right cheek	0.526	0.445	0.544	0.586	0.553	0.571	0.543	0.506	0.685	0.652	0.670	0.648	0.615	0.633
	Right tilted	0.411	0.339	0.416	0.525	0.456	0.481	0.430	0.350	0.617	0.548	0.573	0.537	0.468	0.493
LTE Band13	Left cheek	0.920	0.636	0.947	1.056	0.798	1.043	1.098	0.637	1.523	1.265	1.510	1.062	0.804	1.049
	Left tilted	0.812	0.636	0.820	1.018	0.803	0.931	0.858	0.616	1.265	1.050	1.178	1.023	0.808	0.936
	Right cheek	0.700	0.619	0.718	0.760	0.727	0.745	0.717	0.680	0.859	0.826	0.844	0.822	0.789	0.807
	Right tilted	0.468	0.396	0.473	0.582	0.513	0.538	0.487	0.407	0.674	0.605	0.630	0.594	0.525	0.550
LTE Band14	Left cheek	0.854	0.570	0.881	0.990	0.732	0.977	1.032	0.571	1.457	1.199	1.444	0.996	0.738	0.983
	Left tilted	0.682	0.506	0.690	0.888	0.673	0.801	0.728	0.486	1.135	0.920	1.048	0.893	0.678	0.806
	Right cheek	0.583	0.502	0.601	0.643	0.610	0.628	0.600	0.563	0.742	0.709	0.727	0.705	0.672	0.690
	Right tilted	0.405	0.333	0.410	0.519	0.450	0.475	0.424	0.344	0.611	0.542	0.567	0.531	0.462	0.487
LTE Band25	Left cheek	0.883	0.599	0.910	1.019	0.761	1.006	1.061	0.600	1.486	1.228	1.473	1.025	0.767	1.012
	Left tilted	0.693	0.517	0.701	0.899	0.684	0.812	0.739	0.497	1.146	0.931	1.059	0.904	0.689	0.817
	Right cheek	1.043	0.962	1.061	1.103	1.070	1.088	1.060	1.023	1.202	1.169	1.187	1.165	1.132	1.150
	Right tilted	0.669	0.597	0.674	0.783	0.714	0.739	0.688	0.608	0.875	0.806	0.831	0.795	0.726	0.751
LTE Band26	Left cheek	0.844	0.560	0.871	0.980	0.722	0.967	1.022	0.561	1.447	1.189	1.434	0.986	0.728	0.973
	Left tilted	0.696	0.520	0.704	0.902	0.687	0.815	0.742	0.500	1.149	0.934	1.062	0.907	0.692	0.820
	Right cheek	0.795	0.714	0.813	0.855	0.822	0.840	0.812	0.775	0.954	0.921	0.939	0.917	0.884	0.902
	Right tilted	0.502	0.430	0.507	0.616	0.547	0.572	0.521	0.441	0.708	0.639	0.664	0.628	0.559	0.584
LTE	Left cheek	0.534	0.250	0.561	0.670	0.412	0.657	0.712	0.251	1.137	0.879	1.124	0.676	0.418	0.663



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Band30	Left tilted	0.461	0.285	0.469	0.667	0.452	0.580	0.507	0.265	0.914	0.699	0.827	0.672	0.457	0.585
	Right cheek	0.850	0.769	0.868	0.910	0.877	0.895	0.867	0.830	1.009	0.976	0.994	0.972	0.939	0.957
	Right tilted	0.670	0.598	0.675	0.784	0.715	0.740	0.689	0.609	0.876	0.807	0.832	0.796	0.727	0.752
LTE Band41	Left cheek	0.433	0.149	0.460	0.569	0.311	0.556	0.611	0.150	1.036	0.778	1.023	0.575	0.317	0.562
	Left tilted	0.294	0.118	0.302	0.500	0.285	0.413	0.340	0.098	0.747	0.532	0.660	0.505	0.290	0.418
	Right cheek	0.910	0.829	0.928	0.970	0.937	0.955	0.927	0.890	1.069	1.036	1.054	1.032	0.999	1.017
LTE Band42	Right tilted	0.446	0.374	0.451	0.560	0.491	0.516	0.465	0.385	0.652	0.583	0.608	0.572	0.503	0.528
	Left cheek	0.804	0.520	0.831	0.940	0.682	0.927	0.982	0.521	1.407	1.149	1.394	0.946	0.688	0.933
	Left tilted	0.317	0.141	0.325	0.523	0.308	0.436	0.363	0.121	0.770	0.555	0.683	0.528	0.313	0.441
LTE Band48	Right cheek	0.891	0.810	0.909	0.951	0.918	0.936	0.908	0.871	1.050	1.017	1.035	1.013	0.980	0.998
	Right tilted	0.259	0.187	0.264	0.373	0.304	0.329	0.278	0.198	0.465	0.396	0.421	0.385	0.316	0.341
	Left cheek	0.528	0.244	0.555	0.664	0.406	0.651	0.706	0.245	1.131	0.873	1.118	0.670	0.412	0.657
LTE Band66	Left tilted	0.373	0.197	0.381	0.579	0.364	0.492	0.419	0.177	0.826	0.611	0.739	0.584	0.369	0.497
	Right cheek	0.945	0.864	0.963	1.005	0.972	0.990	0.962	0.925	1.104	1.071	1.089	1.067	1.034	1.052
	Right tilted	0.370	0.298	0.375	0.484	0.415	0.440	0.389	0.309	0.576	0.507	0.532	0.496	0.427	0.452
LTE Band71	Left cheek	0.808	0.524	0.835	0.944	0.686	0.931	0.986	0.525	1.411	1.153	1.398	0.950	0.692	0.937
	Left tilted	0.681	0.505	0.689	0.887	0.672	0.800	0.727	0.485	1.134	0.919	1.047	0.892	0.677	0.805
	Right cheek	1.122	1.041	1.140	1.182	1.149	1.167	1.139	1.102	1.281	1.248	1.266	1.244	1.211	1.229
NR N7	Right tilted	0.704	0.632	0.709	0.818	0.749	0.774	0.723	0.643	0.910	0.841	0.866	0.830	0.761	0.786
	Left cheek	0.888	0.604	0.915	1.024	0.766	1.011	1.066	0.605	1.491	1.233	1.478	1.030	0.772	1.017
	Left tilted	0.725	0.549	0.733	0.931	0.716	0.844	0.771	0.529	1.178	0.963	1.091	0.936	0.721	0.849
NR N14	Right cheek	0.720	0.639	0.738	0.780	0.747	0.765	0.737	0.700	0.879	0.846	0.864	0.842	0.809	0.827
	Right tilted	0.424	0.352	0.429	0.538	0.469	0.494	0.443	0.363	0.630	0.561	0.586	0.550	0.481	0.506
	Left cheek	0.515	0.231	0.542	0.651	0.393	0.638	0.693	0.232	1.118	0.860	1.105	0.657	0.399	0.644
NR N25	Left tilted	0.338	0.162	0.346	0.544	0.329	0.457	0.384	0.142	0.791	0.576	0.704	0.549	0.334	0.462
	Right cheek	0.932	0.851	0.950	0.992	0.959	0.977	0.949	0.912	1.091	1.058	1.076	1.054	1.021	1.039
	Right tilted	0.480	0.408	0.485	0.594	0.525	0.550	0.499	0.419	0.686	0.617	0.642	0.606	0.537	0.562
NR N26	Left cheek	0.970	0.686	0.997	1.106	0.848	1.093	1.148	0.687	1.573	1.315	1.560	1.112	0.854	1.099
	Left tilted	0.756	0.580	0.764	0.962	0.747	0.875	0.802	0.560	1.209	0.994	1.122	0.967	0.752	0.880
	Right cheek	0.743	0.662	0.761	0.803	0.770	0.788	0.760	0.723	0.902	0.869	0.887	0.865	0.832	0.850
NR N30	Right tilted	0.555	0.483	0.560	0.669	0.600	0.625	0.574	0.494	0.761	0.692	0.717	0.681	0.612	0.637
	Left cheek	0.724	0.440	0.751	0.860	0.602	0.847	0.902	0.441	1.327	1.069	1.314	0.866	0.608	0.853
	Left tilted	0.696	0.520	0.704	0.902	0.687	0.815	0.742	0.500	1.149	0.934	1.062	0.907	0.692	0.820
NR N41	Right cheek	0.875	0.794	0.893	0.935	0.902	0.920	0.892	0.855	1.034	1.001	1.019	0.997	0.964	0.982
	Right tilted	0.607	0.535	0.612	0.721	0.652	0.677	0.626	0.546	0.813	0.744	0.769	0.733	0.664	0.689
	Left cheek	0.814	0.530	0.841	0.950	0.692	0.937	0.992	0.531	1.417	1.159	1.404	0.956	0.698	0.943
NR N48	Left tilted	0.681	0.505	0.689	0.887	0.672	0.800	0.727	0.485	1.134	0.919	1.047	0.892	0.677	0.805
	Right cheek	0.862	0.781	0.880	0.922	0.889	0.907	0.879	0.842	1.021	0.988	1.006	0.984	0.951	0.969
	Right tilted	0.507	0.435	0.512	0.621	0.552	0.577	0.526	0.446	0.713	0.644	0.669	0.633	0.564	0.589
NR N41	Left cheek	0.599	0.315	0.626	0.735	0.477	0.722	0.777	0.316	1.202	0.944	1.189	0.741	0.483	0.728
	Left tilted	0.554	0.378	0.562	0.760	0.545	0.673	0.600	0.358	1.007	0.792	0.920	0.765	0.550	0.678
	Right cheek	1.215	1.134	1.233	1.275	1.242	1.260	1.232	1.195	1.374	1.341	1.359	1.337	1.304	1.322
NR N41	Right tilted	0.756	0.684	0.761	0.870	0.801	0.826	0.775	0.695	0.962	0.893	0.918	0.882	0.813	0.838
	Left cheek	0.441	0.157	0.468	0.577	0.319	0.564	0.619	0.158	1.044	0.786	1.031	0.583	0.325	0.570
	Left tilted	0.301	0.125	0.309	0.507	0.292	0.420	0.347	0.105	0.754	0.539	0.667	0.512	0.297	0.425
NR N48	Right cheek	0.872	0.791	0.890	0.932	0.899	0.917	0.889	0.852	1.031	0.998	1.016	0.994	0.961	0.979
	Right tilted	0.354	0.282	0.359	0.468	0.399	0.424	0.373	0.293	0.560	0.491	0.516	0.480	0.411	0.436
	Left cheek	0.922	0.638	0.949	1.058	0.800	1.045	1.100	0.639	1.525	1.267	1.512	1.064	0.806	1.051
NR N48	Left tilted	0.401	0.225	0.409	0.607	0.392	0.520	0.447	0.205	0.854	0.639	0.767	0.612	0.397	0.525
	Right cheek	0.886	0.805	0.904	0.946	0.913	0.931	0.903	0.866	1.045	1.012	1.030	1.008	0.975	0.993



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	Right tilted	0.439	0.367	0.444	0.553	0.484	0.509	0.458	0.378	0.645	0.576	0.601	0.565	0.496	0.521
NR N66	Left cheek	0.777	0.493	0.804	0.913	0.655	0.900	0.955	0.494	1.380	1.122	1.367	0.919	0.661	0.906
	Left tilted	0.651	0.475	0.659	0.857	0.642	0.770	0.697	0.455	1.104	0.889	1.017	0.862	0.647	0.775
	Right cheek	1.121	1.040	1.139	1.181	1.148	1.166	1.138	1.101	1.280	1.247	1.265	1.243	1.210	1.228
	Right tilted	0.704	0.632	0.709	0.818	0.749	0.774	0.723	0.643	0.910	0.841	0.866	0.830	0.761	0.786
NR N70	Left cheek	0.688	0.404	0.715	0.824	0.566	0.811	0.866	0.405	1.291	1.033	1.278	0.830	0.572	0.817
	Left tilted	0.318	0.142	0.326	0.524	0.309	0.437	0.364	0.122	0.771	0.556	0.684	0.529	0.314	0.442
	Right cheek	0.359	0.278	0.377	0.419	0.386	0.404	0.376	0.339	0.518	0.485	0.503	0.481	0.448	0.466
	Right tilted	0.214	0.142	0.219	0.328	0.259	0.284	0.233	0.153	0.420	0.351	0.376	0.340	0.271	0.296
NR N71	Left cheek	0.957	0.673	0.984	1.093	0.835	1.080	1.135	0.674	1.560	1.302	1.547	1.099	0.841	1.086
	Left tilted	0.765	0.589	0.773	0.971	0.756	0.884	0.811	0.569	1.218	1.003	1.131	0.976	0.761	0.889
	Right cheek	0.628	0.547	0.646	0.688	0.655	0.673	0.645	0.608	0.787	0.754	0.772	0.750	0.717	0.735
	Right tilted	0.447	0.375	0.452	0.561	0.492	0.517	0.466	0.386	0.653	0.584	0.609	0.573	0.504	0.529
NR N77 (3450-3550) SISO	Left cheek	0.846	0.562	0.873	0.982	0.724	0.969	1.024	0.563	1.449	1.191	1.436	0.988	0.730	0.975
	Left tilted	0.517	0.341	0.525	0.723	0.508	0.636	0.563	0.321	0.970	0.755	0.883	0.728	0.513	0.641
	Right cheek	0.897	0.816	0.915	0.957	0.924	0.942	0.914	0.877	1.056	1.023	1.041	1.019	0.986	1.004
	Right tilted	0.484	0.412	0.489	0.598	0.529	0.554	0.503	0.423	0.690	0.621	0.646	0.610	0.541	0.566
NR N77 (3700-3980) SISO	Left cheek	0.930	0.646	0.957	1.066	0.808	1.053	1.108	0.647	1.533	1.275	1.520	1.072	0.814	1.059
	Left tilted	0.668	0.492	0.676	0.874	0.659	0.787	0.714	0.472	1.121	0.906	1.034	0.879	0.664	0.792
	Right cheek	1.033	0.952	1.051	1.093	1.060	1.078	1.050	1.013	1.192	1.159	1.177	1.155	1.122	1.140
	Right tilted	0.308	0.236	0.313	0.422	0.353	0.378	0.327	0.247	0.514	0.445	0.470	0.434	0.365	0.390
NR N77 (3450-3550) MIMO	Left cheek	0.927	0.643	0.954	1.063	0.805	1.050	1.105	0.644	1.530	1.272	1.517	1.069	0.811	1.056
	Left tilted	0.486	0.310	0.494	0.692	0.477	0.605	0.532	0.290	0.939	0.724	0.852	0.697	0.482	0.610
	Right cheek	1.023	0.942	1.041	1.083	1.050	1.068	1.040	1.003	1.182	1.149	1.167	1.145	1.112	1.130
	Right tilted	0.363	0.291	0.368	0.477	0.408	0.433	0.382	0.302	0.569	0.500	0.525	0.489	0.420	0.445
NR N77 (3700-3980) MIMO	Left cheek	0.833	0.549	0.860	0.969	0.711	0.956	1.011	0.550	1.436	1.178	1.423	0.975	0.717	0.962
	Left tilted	0.480	0.304	0.488	0.686	0.471	0.599	0.526	0.284	0.933	0.718	0.846	0.691	0.476	0.604
	Right cheek	1.076	0.995	1.094	1.136	1.103	1.121	1.093	1.056	1.235	1.202	1.220	1.198	1.165	1.183
	Right tilted	0.317	0.245	0.322	0.431	0.362	0.387	0.336	0.256	0.523	0.454	0.479	0.443	0.374	0.399
N78 (3450-3550) SISO	Left cheek	0.952	0.668	0.979	1.088	0.830	1.075	1.130	0.669	1.555	1.297	1.542	1.094	0.836	1.081
	Left tilted	0.645	0.469	0.653	0.851	0.636	0.764	0.691	0.449	1.098	0.883	1.011	0.856	0.641	0.769
	Right cheek	0.801	0.720	0.819	0.861	0.828	0.846	0.818	0.781	0.960	0.927	0.945	0.923	0.890	0.908
	Right tilted	0.320	0.248	0.325	0.434	0.365	0.390	0.339	0.259	0.526	0.457	0.482	0.446	0.377	0.402
N78 (3450-3550) MIMO	Left cheek	0.970	0.686	0.997	1.106	0.848	1.093	1.148	0.687	1.573	1.315	1.560	1.112	0.854	1.099
	Left tilted	0.534	0.358	0.542	0.740	0.525	0.653	0.580	0.338	0.987	0.772	0.900	0.745	0.530	0.658
	Right cheek	1.074	0.993	1.092	1.134	1.101	1.119	1.091	1.054	1.233	1.200	1.218	1.196	1.163	1.181
	Right tilted	0.383	0.311	0.388	0.497	0.428	0.453	0.402	0.322	0.589	0.520	0.545	0.509	0.440	0.465
N78 (3700-3800) MIMO	Left cheek	0.930	0.646	0.957	1.066	0.808	1.053	1.108	0.647	1.533	1.275	1.520	1.072	0.814	1.059
	Left tilted	0.562	0.386	0.570	0.768	0.553	0.681	0.608	0.366	1.015	0.800	0.928	0.773	0.558	0.686
	Right cheek	1.063	0.982	1.081	1.123	1.090	1.108	1.080	1.043	1.222	1.189	1.207	1.185	1.152	1.170
	Right tilted	0.474	0.402	0.479	0.588	0.519	0.544	0.493	0.413	0.680	0.611	0.636	0.600	0.531	0.556



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Body Worn&Hotspot:

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	0.213	0.120	0.199	0.096	0.097	0.309	0.216	0.295	0.310	0.217	0.296
	Back side	0.441	0.477	0.627	0.176	0.157	0.617	0.653	0.803	0.598	0.634	0.784
	Left side	/	/	/	/	/	/	/	/	/	/	/
	Right side	0.278	0.238	0.383	0.110	0.122	0.388	0.348	0.493	0.400	0.360	0.505
	Top side	0.272	0.098	0.256	0.109	0.118	0.381	0.207	0.365	0.390	0.216	0.374
	Bottom side	/	/	/	/	/	/	/	/	/	/	/



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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	0.582	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.572	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.086	/	/	/	/	/	/	/	/
	Right side	0.225	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.423	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
GSM 1900	Front side	0.600	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.489	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.338	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.733	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
WCDMA B2	Front side	0.707	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.653	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.484	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.917	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
WCDMA B4	Front side	0.703	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.709	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.438	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.710	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
WCDMA B5	Front side	0.692	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.656	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.109	/	/	/	/	/	/	/	/
	Right side	0.203	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.437	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band2	Front side	0.782	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.962	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	1.102	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	0.309	/	/	/	/	/	/	/	/
LTE Band7	Front side	0.479	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.400	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.768	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.149	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	0.175	/	/	/	/	/	/	/	/
LTE Band12	Front side	0.262	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.291	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157



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	Left side	0.084	/	/	/	/	/	/	/	/
	Right side	0.194	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.189	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band13	Front side	0.495	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.504	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.100	/	/	/	/	/	/	/	/
	Right side	0.288	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.351	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band14	Front side	0.531	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.522	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.108	/	/	/	/	/	/	/	/
	Right side	0.303	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.429	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band25	Front side	0.715	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.942	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.997	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.916	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	0.256	/	/	/	/	/	/	/	/
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band26	Front side	0.671	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.632	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.123	/	/	/	/	/	/	/	/
	Right side	0.179	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.454	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band30	Front side	0.423	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.477	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.550	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.251	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band38	Front side	0.342	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.368	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.608	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.049	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band41	Front side	0.257	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.508	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.664	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.115	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band42	Front side	0.481	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.685	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.791	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Bottom side	/	/	/	/	/	/	/	/	/



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	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band48	Front side	0.469	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.521	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.708	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
LTE Band66	Front side	0.750	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.784	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.723	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	1.003	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	0.310	/	/	/	/	/	/	/	/
LTE Band71	Front side	0.226	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.237	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.090	/	/	/	/	/	/	/	/
	Right side	0.150	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.147	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N7	Front side	0.509	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.570	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.633	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.179	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	0.155	/	/	/	/	/	/	/	/
NR N14	Front side	0.530	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.514	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.141	/	/	/	/	/	/	/	/
	Right side	0.332	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.406	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N25	Front side	0.579	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.517	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.375	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.852	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N26	Front side	0.886	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.713	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.128	/	/	/	/	/	/	/	/
	Right side	0.258	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.544	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N30	Front side	0.313	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.341	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.349	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.203	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/



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NR N41	Front side	0.509	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.704	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.947	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.183	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N48	Front side	0.541	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.581	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.800	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N66	Front side	0.620	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.688	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.392	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.752	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N70	Front side	0.667	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.745	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.640	/	/	/	/	/	/	/	/
	Right side	/	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	0.338	/	/	/	/	/	/	/	/
NR N71	Front side	0.359	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.339	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.101	/	/	/	/	/	/	/	/
	Right side	0.217	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	0.225	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N77 (3450-3550) SISO	Front side	0.714	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	1.029	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	1.036	/	/	/	/	/	/	/	/
	Right side	0.758	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N77 (3700-3980) SISO	Front side	0.771	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.888	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.951	/	/	/	/	/	/	/	/
	Right side	0.745	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N77 (3450-3550) MIMO	Front side	0.620	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.988	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.516	/	/	/	/	/	/	/	/
	Right side	0.476	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
NR N77 (3700-	Front side	0.712	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	1.025	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157



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3980) MIMO	Left side	0.618	/	/	/	/	/	/	/	/
	Right side	0.258	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
N78 (3450- 3550) SISO	Front side	0.425	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	0.771	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	/	/	/	/	/	/	/	/	/
	Right side	0.760	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
N78 (3450- 3550) MIMO	Front side	0.603	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	1.007	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.516	/	/	/	/	/	/	/	/
	Right side	0.583	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	Bottom side	/	/	/	/	/	/	/	/	/
N78 (3700- 3800) MIMO	Front side	0.642	0.370	0.036	0.274	0.134	0.075	0.100	0.096	0.097
	Back side	1.026	0.400	0.154	0.471	0.279	0.301	0.342	0.176	0.157
	Left side	0.624	/	/	/	/	/	/	/	/
	Right side	0.258	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122
	Top side	/	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118
	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	0.952	0.618	0.856	0.716	0.657	0.682	0.678	0.679	0.812	0.753	0.778	0.813	0.754	0.779	
	0.972	0.726	1.043	0.851	0.873	0.914	0.748	0.729	1.027	1.049	1.090	1.008	1.030	1.071	
	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	
	0.566	0.308	0.227	0.401	0.344	0.417	0.335	0.347	0.511	0.454	0.527	0.523	0.466	0.539	
	0.583	0.429	0.427	0.595	0.472	0.551	0.532	0.541	0.704	0.581	0.660	0.713	0.590	0.669	
	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
GSM 1900	0.970	0.636	0.874	0.734	0.675	0.700	0.696	0.697	0.830	0.771	0.796	0.831	0.772	0.797	
	0.889	0.643	0.960	0.768	0.790	0.831	0.665	0.646	0.944	0.966	1.007	0.925	0.947	0.988	
	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	0.338	
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314	
	0.893	0.739	0.737	0.905	0.782	0.861	0.842	0.851	1.014	0.891	0.970	1.023	0.900	0.979	
	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
WCDMA B2	1.077	0.743	0.981	0.841	0.782	0.807	0.803	0.804	0.937	0.878	0.903	0.938	0.879	0.904	
	1.053	0.807	1.124	0.932	0.954	0.995	0.829	0.810	1.108	1.130	1.171	1.089	1.111	1.152	
	0.484	0.484	0.484	0.484	0.484	0.484	0.484	0.484	0.484	0.484	0.484	0.484	0.484	0.484	
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314	
	1.077	0.923	0.921	1.089	0.966	1.045	1.026	1.035	1.198	1.075	1.154	1.207	1.084	1.163	
	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
WCDMA B4	1.073	0.739	0.977	0.837	0.778	0.803	0.799	0.800	0.933	0.874	0.899	0.934	0.875	0.900	
	1.109	0.863	1.180	0.988	1.010	1.051	0.885	0.866	1.164	1.186	1.227	1.145	1.167	1.208	
	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	0.438	
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314	
	0.870	0.716	0.714	0.882	0.759	0.838	0.819	0.828	0.991	0.868	0.947	1.000	0.877	0.956	
	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
WCDMA B5	1.062	0.728	0.966	0.826	0.767	0.792	0.788	0.789	0.922	0.863	0.888	0.923	0.864	0.889	
	1.056	0.810	1.127	0.935	0.957	0.998	0.832	0.813	1.111	1.133	1.174	1.092	1.114	1.155	
	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	
	0.544	0.286	0.205	0.379	0.322	0.395	0.313	0.325	0.489	0.432	0.505	0.501	0.444	0.517	
	0.597	0.443	0.441	0.609	0.486	0.565	0.546	0.555	0.718	0.595	0.674	0.727	0.604	0.683	
	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
LTE Band2	1.152	0.818	1.056	0.916	0.857	0.882	0.878	0.879	1.012	0.953	0.978	1.013	0.954	0.979	
	1.362	1.116	1.433	1.241	1.263	1.304	1.138	1.119	1.417	1.439	1.480	1.398	1.420	1.461	
	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	1.102	
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314	
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246	
	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	
LTE Band7	0.849	0.515	0.753	0.613	0.554	0.579	0.575	0.576	0.709	0.650	0.675	0.710	0.651	0.676	
	0.800	0.554	0.871	0.679	0.701	0.742	0.576	0.557	0.855	0.877	0.918	0.836	0.858	0.899	
	0.768	0.768	0.768	0.768	0.768	0.768	0.768	0.768	0.768	0.768	0.768	0.768	0.768	0.768	
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314	
	0.309	0.155	0.153	0.321	0.198	0.277	0.258	0.267	0.430	0.307	0.386	0.439	0.316	0.395	
	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	0.175	
LTE Band12	0.632	0.298	0.536	0.396	0.337	0.362	0.358	0.359	0.492	0.433	0.458	0.493	0.434	0.459	
	0.691	0.445	0.762	0.570	0.592	0.633	0.467	0.448	0.746	0.768	0.809	0.727	0.749	0.790	
	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	0.084	



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	0.535	0.277	0.196	0.370	0.313	0.386	0.304	0.316	0.480	0.423	0.496	0.492	0.435	0.508
	0.349	0.195	0.193	0.361	0.238	0.317	0.298	0.307	0.470	0.347	0.426	0.479	0.356	0.435
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band13	0.865	0.531	0.769	0.629	0.570	0.595	0.591	0.592	0.725	0.666	0.691	0.726	0.667	0.692
	0.904	0.658	0.975	0.783	0.805	0.846	0.680	0.661	0.959	0.981	1.022	0.940	0.962	1.003
	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
	0.629	0.371	0.290	0.464	0.407	0.480	0.398	0.410	0.574	0.517	0.590	0.586	0.529	0.602
	0.511	0.357	0.355	0.523	0.400	0.479	0.460	0.469	0.632	0.509	0.588	0.641	0.518	0.597
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band14	0.901	0.567	0.805	0.665	0.606	0.631	0.627	0.628	0.761	0.702	0.727	0.762	0.703	0.728
	0.922	0.676	0.993	0.801	0.823	0.864	0.698	0.679	0.977	0.999	1.040	0.958	0.980	1.021
	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108
	0.644	0.386	0.305	0.479	0.422	0.495	0.413	0.425	0.589	0.532	0.605	0.601	0.544	0.617
	0.589	0.435	0.433	0.601	0.478	0.557	0.538	0.547	0.710	0.587	0.666	0.719	0.596	0.675
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
LTE Band25	1.085	0.751	0.989	0.849	0.790	0.815	0.811	0.812	0.945	0.886	0.911	0.946	0.887	0.912
	1.342	1.096	1.413	1.221	1.243	1.284	1.118	1.099	1.397	1.419	1.460	1.378	1.400	1.441
	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997	0.997
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	1.076	0.922	0.920	1.088	0.965	1.044	1.025	1.034	1.197	1.074	1.153	1.206	1.083	1.162
	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256	0.256
LTE Band26	1.041	0.707	0.945	0.805	0.746	0.771	0.767	0.768	0.901	0.842	0.867	0.902	0.843	0.868
	1.032	0.786	1.103	0.911	0.933	0.974	0.808	0.789	1.087	1.109	1.150	1.068	1.090	1.131
	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123
	0.520	0.262	0.181	0.355	0.298	0.371	0.289	0.301	0.465	0.408	0.481	0.477	0.420	0.493
	0.614	0.460	0.458	0.626	0.503	0.582	0.563	0.572	0.735	0.612	0.691	0.744	0.621	0.700
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LTE Band30	0.793	0.459	0.697	0.557	0.498	0.523	0.519	0.520	0.653	0.594	0.619	0.654	0.595	0.620
	0.877	0.631	0.948	0.756	0.778	0.819	0.653	0.634	0.932	0.954	0.995	0.913	0.935	0.976
	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550	0.550
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.411	0.257	0.255	0.423	0.300	0.379	0.360	0.369	0.532	0.409	0.488	0.541	0.418	0.497
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LTE Band38	0.712	0.378	0.616	0.476	0.417	0.442	0.438	0.439	0.572	0.513	0.538	0.573	0.514	0.539
	0.768	0.522	0.839	0.647	0.669	0.710	0.544	0.525	0.823	0.845	0.886	0.804	0.826	0.867
	0.608	0.608	0.608	0.608	0.608	0.608	0.608	0.608	0.608	0.608	0.608	0.608	0.608	0.608
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.209	0.055	0.053	0.221	0.098	0.177	0.158	0.167	0.330	0.207	0.286	0.339	0.216	0.295
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LTE Band41	0.627	0.293	0.531	0.391	0.332	0.357	0.353	0.354	0.487	0.428	0.453	0.488	0.429	0.454
	0.908	0.662	0.979	0.787	0.809	0.850	0.684	0.665	0.963	0.985	1.026	0.944	0.966	1.007
	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664	0.664
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.275	0.121	0.119	0.287	0.164	0.243	0.224	0.233	0.396	0.273	0.352	0.405	0.282	0.361
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LTE Band42	0.851	0.517	0.755	0.615	0.556	0.581	0.577	0.578	0.711	0.652	0.677	0.712	0.653	0.678
	1.085	0.839	1.156	0.964	0.986	1.027	0.861	0.842	1.140	1.162	1.203	1.121	1.143	1.184
	0.791	0.791	0.791	0.791	0.791	0.791	0.791	0.791	0.791	0.791	0.791	0.791	0.791	0.791
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
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LTE Band48	0.839	0.505	0.743	0.603	0.544	0.569	0.565	0.566	0.699	0.640	0.665	0.700	0.641	0.666
	0.921	0.675	0.992	0.800	0.822	0.863	0.697	0.678	0.976	0.998	1.039	0.957	0.979	1.020
	0.708	0.708	0.708	0.708	0.708	0.708	0.708	0.708	0.708	0.708	0.708	0.708	0.708	0.708
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.160	0.006	0.004	0.172	0.049	0.128	0.109	0.118	0.281	0.158	0.237	0.290	0.167	0.246
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LTE Band66	1.120	0.786	1.024	0.884	0.825	0.850	0.846	0.847	0.980	0.921	0.946	0.981	0.922	0.947
	1.184	0.938	1.255	1.063	1.085	1.126	0.960	0.941	1.239	1.261	1.302	1.220	1.242	1.283
	0.723	0.723	0.723	0.723	0.723	0.723	0.723	0.723	0.723	0.723	0.723	0.723	0.723	0.723
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	1.163	1.009	1.007	1.175	1.052	1.131	1.112	1.121	1.284	1.161	1.240	1.293	1.170	1.249
	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310	0.310
LTE Band71	0.596	0.262	0.500	0.360	0.301	0.326	0.322	0.323	0.456	0.397	0.422	0.457	0.398	0.423
	0.637	0.391	0.708	0.516	0.538	0.579	0.413	0.394	0.692	0.714	0.755	0.673	0.695	0.736
	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090	0.090
	0.491	0.233	0.152	0.326	0.269	0.342	0.260	0.272	0.436	0.379	0.452	0.448	0.391	0.464
	0.307	0.153	0.151	0.319	0.196	0.275	0.256	0.265	0.428	0.305	0.384	0.437	0.314	0.393
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NR N7	0.879	0.545	0.783	0.643	0.584	0.609	0.605	0.606	0.739	0.680	0.705	0.740	0.681	0.706
	0.970	0.724	1.041	0.849	0.871	0.912	0.746	0.727	1.025	1.047	1.088	1.006	1.028	1.069
	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633	0.633
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.339	0.185	0.183	0.351	0.228	0.307	0.288	0.297	0.460	0.337	0.416	0.469	0.346	0.425
	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155
NR N14	0.900	0.566	0.804	0.664	0.605	0.630	0.626	0.627	0.760	0.701	0.726	0.761	0.702	0.727
	0.914	0.668	0.985	0.793	0.815	0.856	0.690	0.671	0.969	0.991	1.032	0.950	0.972	1.013
	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141	0.141
	0.673	0.415	0.334	0.508	0.451	0.524	0.442	0.454	0.618	0.561	0.634	0.630	0.573	0.646
	0.566	0.412	0.410	0.578	0.455	0.534	0.515	0.524	0.687	0.564	0.643	0.696	0.573	0.652
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NR N25	0.949	0.615	0.853	0.713	0.654	0.679	0.675	0.676	0.809	0.750	0.775	0.810	0.751	0.776
	0.917	0.671	0.988	0.796	0.818	0.859	0.693	0.674	0.972	0.994	1.035	0.953	0.975	1.016
	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375	0.375
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	1.012	0.858	0.856	1.024	0.901	0.980	0.961	0.970	1.133	1.010	1.089	1.142	1.019	1.098
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NR N26	1.256	0.922	1.160	1.020	0.961	0.986	0.982	0.983	1.116	1.057	1.082	1.117	1.058	1.083
	1.113	0.867	1.184	0.992	1.014	1.055	0.889	0.870	1.168	1.190	1.231	1.149	1.171	1.212
	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128	0.128
	0.599	0.341	0.260	0.434	0.377	0.450	0.368	0.380	0.544	0.487	0.560	0.556	0.499	0.572
	0.704	0.550	0.548	0.716	0.593	0.672	0.653	0.662	0.825	0.702	0.781	0.834	0.711	0.790
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NR N30	0.683	0.349	0.587	0.447	0.388	0.413	0.409	0.410	0.543	0.484	0.509	0.544	0.485	0.510
	0.741	0.495	0.812	0.620	0.642	0.683	0.517	0.498	0.796	0.818	0.859	0.777	0.799	0.840
	0.349	0.349	0.349	0.349	0.349	0.349	0.349	0.349	0.349	0.349	0.349	0.349	0.349	0.349
	0.341	0.083	0.002	0.176	0.119	0.192	0.110	0.122	0.286	0.229	0.302	0.298	0.241	0.314
	0.363	0.209	0.207	0.375	0.252	0.331	0.312	0.321	0.484	0.361	0.440	0.493	0.370	0.449
	/	/	/	/	/	/	/	/	/	/	/	/	/	/
NR N41	0.879	0.545	0.783	0.643	0.584	0.609	0.605	0.606	0.739	0.680	0.705	0.740	0.681	0.706



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