

8.3.8 SAR Result of LTE Band 7

Ant 4 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	20	QPSK 1_0	21100/2535	1:1	0.269	-0.02	18.93	20.00	1.279	0.344	22.8
Left tilted	20	QPSK 1_0	21100/2535	1:1	0.132	0.18	18.93	20.00	1.279	0.169	22.8
Right cheek	20	QPSK 1_0	21100/2535	1:1	0.575	0.09	18.93	20.00	1.279	0.735	22.8
Right tilted	20	QPSK 1_0	21100/2535	1:1	0.228	0.19	18.93	20.00	1.279	0.292	22.8
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	21100/2535	1:1	0.278	0.06	18.85	20.00	1.303	0.362	22.8
Left tilted	20	QPSK 50_0	21100/2535	1:1	0.142	0.18	18.85	20.00	1.303	0.185	22.8
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.754	0.08	18.85	20.00	1.303	0.982	22.8
Right tilted	20	QPSK 50_0	21100/2535	1:1	0.221	-0.05	18.85	20.00	1.303	0.288	22.8
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.736	0.01	18.84	20.00	1.306	0.961	22.8
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.741	-0.10	18.82	20.00	1.312	0.972	22.8
Head Test Data (100%RB) SET_1											
Right cheek	20	QPSK 100_0	21100/2535	1:1	0.732	0.02	18.91	20.00	1.285	0.941	22.8
Head Test Data (1RB) SET_1(ENDC)											
Left cheek	20	QPSK 1_0	21100/2535	1:1	0.269	-0.02	18.93	17.00	0.641	0.172	22.8
Left tilted	20	QPSK 1_0	21100/2535	1:1	0.132	0.18	18.93	17.00	0.641	0.085	22.8
Right cheek	20	QPSK 1_0	21100/2535	1:1	0.575	0.09	18.93	17.00	0.641	0.369	22.8
Right tilted	20	QPSK 1_0	21100/2535	1:1	0.228	0.19	18.93	17.00	0.641	0.146	22.8
Head Test Data (50%RB) SET_1(ENDC)											
Left cheek	20	QPSK 50_0	21100/2535	1:1	0.278	0.06	18.85	17.00	0.653	0.182	22.8
Left tilted	20	QPSK 50_0	21100/2535	1:1	0.142	0.18	18.85	17.00	0.653	0.093	22.8
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.754	0.08	18.85	17.00	0.653	0.492	22.8
Right tilted	20	QPSK 50_0	21100/2535	1:1	0.221	-0.05	18.85	17.00	0.653	0.144	22.8
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.736	0.01	18.84	17.00	0.655	0.482	22.8
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.741	-0.10	18.82	17.00	0.658	0.488	22.8
Head Test Data (100%RB) SET_1(ENDC)											
Right cheek	20	QPSK 100_0	21100/2535	1:1	0.732	0.02	18.91	17.00	0.644	0.471	22.8
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	21100/2535	1:1	0.114	0.04	18.93	20.00	1.279	0.146	22.8
Back side	20	QPSK 1_0	21100/2535	1:1	0.233	0.14	18.93	20.00	1.279	0.298	22.8
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	21100/2535	1:1	0.125	0.02	18.85	20.00	1.303	0.163	22.8
Back side	20	QPSK 50_0	21100/2535	1:1	0.242	0.18	18.85	20.00	1.303	0.315	22.8
Body worn Test data (Separate 15mm 1RB) SET_2(ENDC)											
Front side	20	QPSK 1_0	21100/2535	1:1	0.114	0.04	18.93	18.00	0.807	0.092	22.8
Back side	20	QPSK 1_0	21100/2535	1:1	0.233	0.14	18.93	18.00	0.807	0.188	22.8
Body worn Test data (Separate 15mm 50%RB) SET_2(ENDC)											
Front side	20	QPSK 50_0	21100/2535	1:1	0.125	0.02	18.85	18.00	0.822	0.103	22.8
Back side	20	QPSK 50_0	21100/2535	1:1	0.242	0.18	18.85	18.00	0.822	0.199	22.8
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	21100/2535	1:1	0.173	-0.11	17.99	19.00	1.262	0.218	22.8
Back side	20	QPSK 1_0	21100/2535	1:1	0.495	0.11	17.99	19.00	1.262	0.625	22.8
Left side	20	QPSK 1_0	21100/2535	1:1	0.236	-0.14	17.99	19.00	1.262	0.298	22.8
Right side	20	QPSK 1_0	21100/2535	1:1	0.001	-0.11	17.99	19.00	1.262	0.001	22.8

Top side	20	QPSK 1_0	21100/2535	1:1	0.052	-0.08	17.99	19.00	1.262	0.066	22.8
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	21100/2535	1:1	0.232	0.07	17.98	19.00	1.265	0.293	22.8
Back side	20	QPSK 50_0	21100/2535	1:1	0.616	0.08	17.98	19.00	1.265	0.779	22.8
Left side	20	QPSK 50_0	21100/2535	1:1	0.337	-0.07	17.98	19.00	1.265	0.426	22.8
Right side	20	QPSK 50_0	21100/2535	1:1	0.001	-0.12	17.98	19.00	1.265	0.001	22.8
Top side	20	QPSK 50_0	21100/2535	1:1	0.052	0.10	17.98	19.00	1.265	0.066	22.8
Hotspot Test data (Separate 10mm 1RB) SET_3(ENDC)											
Front side	20	QPSK 1_0	21100/2535	1:1	0.173	-0.11	17.99	17.00	0.796	0.138	22.8
Back side	20	QPSK 1_0	21100/2535	1:1	0.495	0.11	17.99	17.00	0.796	0.394	22.8
Left side	20	QPSK 1_0	21100/2535	1:1	0.236	-0.14	17.99	17.00	0.796	0.188	22.8
Right side	20	QPSK 1_0	21100/2535	1:1	0.001	-0.11	17.99	17.00	0.796	0.001	22.8
Top side	20	QPSK 1_0	21100/2535	1:1	0.052	-0.08	17.99	17.00	0.796	0.041	22.8
Hotspot Test data (Separate 10mm 50%RB) SET_3(ENDC)											
Front side	20	QPSK 50_0	21100/2535	1:1	0.232	0.07	17.98	17.00	0.798	0.185	22.8
Back side	20	QPSK 50_0	21100/2535	1:1	0.616	0.08	17.98	17.00	0.798	0.492	22.8
Left side	20	QPSK 50_0	21100/2535	1:1	0.337	-0.07	17.98	17.00	0.798	0.269	22.8
Right side	20	QPSK 50_0	21100/2535	1:1	0.001	-0.12	17.98	17.00	0.798	0.001	22.8
Top side	20	QPSK 50_0	21100/2535	1:1	0.052	0.10	17.98	17.00	0.798	0.041	22.8

8.3.9 SAR Result of LTE Band 12

Ant 0 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	10	QPSK 1_0	23095/707.5	1:1	0.495	0.12	23.80	25.00	1.318	0.652	23.1
Left tilted	10	QPSK 1_0	23095/707.5	1:1	0.394	-0.15	23.80	25.00	1.318	0.519	23.1
Right cheek	10	QPSK 1_0	23095/707.5	1:1	0.781	0.06	23.80	25.00	1.318	1.029	23.1
Right tilted	10	QPSK 1_0	23095/707.5	1:1	0.603	0.01	23.80	25.00	1.318	0.795	23.1
Head Test Data (50%RB) SET_1											
Left cheek	10	QPSK 25_0	23095/707.5	1:1	0.409	0.01	22.82	24.00	1.312	0.537	23.1
Left tilted	10	QPSK 25_0	23095/707.5	1:1	0.321	-0.06	22.82	24.00	1.312	0.421	23.1
Right cheek	10	QPSK 25_0	23095/707.5	1:1	0.646	0.04	22.82	24.00	1.312	0.848	23.1
Right tilted	10	QPSK 25_0	23095/707.5	1:1	0.508	-0.03	22.82	24.00	1.312	0.666	23.1
Head Test Data (100%RB) SET_1											
Right cheek	10	QPSK 50_0	23095/707.5	1:1	0.611	0.01	22.71	24.00	1.346	0.822	23.1
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	10	QPSK 1_0	23095/707.5	1:1	0.182	-0.10	23.80	25.00	1.318	0.240	23.1
Back side	10	QPSK 1_0	23095/707.5	1:1	0.219	0.03	23.80	25.00	1.318	0.289	23.1
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	10	QPSK 25_0	23095/707.5	1:1	0.154	-0.13	22.82	24.00	1.312	0.202	23.1
Back side	10	QPSK 25_0	23095/707.5	1:1	0.185	-0.17	22.82	24.00	1.312	0.243	23.1
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	10	QPSK 1_0	23095/707.5	1:1	0.143	-0.03	23.80	25.00	1.318	0.188	23.1
Back side	10	QPSK 1_0	23095/707.5	1:1	0.220	0.03	23.80	25.00	1.318	0.290	23.1
Left side	10	QPSK 1_0	23095/707.5	1:1	0.202	0.14	23.80	25.00	1.318	0.266	23.1
Right side	10	QPSK 1_0	23095/707.5	1:1	0.114	0.04	23.80	25.00	1.318	0.150	23.1
Top side	10	QPSK 1_0	23095/707.5	1:1	0.147	0.12	23.80	25.00	1.318	0.194	23.1
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	10	QPSK 25_0	23095/707.5	1:1	0.122	-0.15	22.82	24.00	1.312	0.160	23.1
Back side	10	QPSK 25_0	23095/707.5	1:1	0.167	0.12	22.82	24.00	1.312	0.219	23.1
Left side	10	QPSK 25_0	23095/707.5	1:1	0.176	0.16	22.82	24.00	1.312	0.231	23.1
Right side	10	QPSK 25_0	23095/707.5	1:1	0.090	-0.10	22.82	24.00	1.312	0.118	23.1
Top side	10	QPSK 25_0	23095/707.5	1:1	0.123	0.03	22.82	24.00	1.312	0.161	23.1

8.3.10 SAR Result of LTE Band 13

Ant 0 Test Record											
Test position	BW	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	10	QPSK 1_0	23230/782	1:1	0.573	0.19	22.89	24.00	1.291	0.740	23.1
Left tilted	10	QPSK 1_0	23230/782	1:1	0.551	-0.04	22.89	24.00	1.291	0.711	23.1
Right cheek	10	QPSK 1_0	23230/782	1:1	0.739	-0.05	22.89	24.00	1.291	0.954	23.1
Right tilted	10	QPSK 1_0	23230/782	1:1	0.610	-0.14	22.89	24.00	1.291	0.788	23.1
Head Test Data (50%RB) SET_1											
Left cheek	10	QPSK 25_0	23230/782	1:1	0.462	-0.18	22.81	24.00	1.315	0.608	23.1
Left tilted	10	QPSK 25_0	23230/782	1:1	0.451	-0.06	22.81	24.00	1.315	0.593	23.1
Right cheek	10	QPSK 25_0	23230/782	1:1	0.599	0.03	22.81	24.00	1.315	0.788	23.1
Right tilted	10	QPSK 25_0	23230/782	1:1	0.504	-0.01	22.81	24.00	1.315	0.663	23.1
Head Test Data (100%RB) SET_1											
Right cheek	10	QPSK 1_0	23230/782	1:1	0.582	-0.02	22.76	24.00	1.330	0.774	23.1
Head Test Data (1RB) SET_1(ULCA&ENDC)											
Left cheek	10	QPSK 1_0	23230/782	1:1	0.573	0.19	22.89	22.00	0.815	0.467	23.1
Left tilted	10	QPSK 1_0	23230/782	1:1	0.551	-0.04	22.89	22.00	0.815	0.449	23.1
Right cheek	10	QPSK 1_0	23230/782	1:1	0.739	-0.05	22.89	22.00	0.815	0.602	23.1
Right tilted	10	QPSK 1_0	23230/782	1:1	0.610	-0.14	22.89	22.00	0.815	0.497	23.1
Head Test Data (50%RB) SET_1(ULCA&ENDC)											
Left cheek	10	QPSK 25_0	23230/782	1:1	0.462	-0.18	22.81	22.00	0.830	0.383	23.1
Left tilted	10	QPSK 25_0	23230/782	1:1	0.451	-0.06	22.81	22.00	0.830	0.374	23.1
Right cheek	10	QPSK 25_0	23230/782	1:1	0.599	0.03	22.81	22.00	0.830	0.497	23.1
Right tilted	10	QPSK 25_0	23230/782	1:1	0.504	-0.01	22.81	22.00	0.830	0.418	23.1
Head Test Data (100%RB) SET_1(ULCA&ENDC)											
Right cheek	10	QPSK 1_0	23230/782	1:1	0.582	-0.02	22.76	22.00	0.839	0.488	23.1
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	10	QPSK 1_0	23230/782	1:1	0.301	0.01	23.91	25.00	1.285	0.387	23.1
Back side	10	QPSK 1_0	23230/782	1:1	0.363	0.04	23.91	25.00	1.285	0.466	23.1
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	10	QPSK 25_0	23230/782	1:1	0.250	0.19	22.91	24.00	1.285	0.321	23.1
Back side	10	QPSK 25_0	23230/782	1:1	0.299	-0.04	22.91	24.00	1.285	0.384	23.1
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	10	QPSK 1_0	23230/782	1:1	0.322	-0.17	23.91	25.00	1.285	0.414	23.1
Back side	10	QPSK 1_0	23230/782	1:1	0.514	0.10	23.91	25.00	1.285	0.660	23.1
Left side	10	QPSK 1_0	23230/782	1:1	0.418	-0.10	23.91	25.00	1.285	0.537	23.1
Right side	10	QPSK 1_0	23230/782	1:1	0.197	0.03	23.91	25.00	1.285	0.253	23.1
Top side	10	QPSK 1_0	23230/782	1:1	0.366	0.02	23.91	25.00	1.285	0.470	23.1
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	10	QPSK 25_0	23230/782	1:1	0.268	-0.13	22.91	24.00	1.285	0.344	23.1
Back side	10	QPSK 25_0	23230/782	1:1	0.427	-0.01	22.91	24.00	1.285	0.549	23.1
Left side	10	QPSK 25_0	23230/782	1:1	0.346	0.01	22.91	24.00	1.285	0.445	23.1
Right side	10	QPSK 25_0	23230/782	1:1	0.158	0.03	22.91	24.00	1.285	0.203	23.1
Top side	10	QPSK 25_0	23230/782	1:1	0.322	0.14	22.91	24.00	1.285	0.414	23.1

8.3.11 SAR Result of LTE Band 48

Ant 2 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	20	QPSK 1_0	55990/3625	1:1.58	0.953	0.08	20.14	21.00	1.219	1.162	23.1
Left cheek-Repeat SAR	20	QPSK 1_0	55990/3625	1:1.58	0.948	-0.04	20.14	21.00	1.219	1.156	23.1
Left tilted	20	QPSK 1_0	55990/3625	1:1.58	0.568	-0.10	20.14	21.00	1.219	0.692	23.1
Right cheek	20	QPSK 1_0	55990/3625	1:1.58	0.338	-0.16	20.14	21.00	1.219	0.412	23.1
Right tilted	20	QPSK 1_0	55990/3625	1:1.58	0.296	0.02	20.14	21.00	1.219	0.361	23.1
Left cheek	20	QPSK 1_0	55340/3560	1:1.58	0.938	0.19	20.11	21.00	1.227	1.151	23.1
Left cheek	20	QPSK 1_0	56640/3690	1:1.58	0.944	-0.13	20.12	21.00	1.225	1.156	23.1
Left cheek-CA_48C	20	QPSK 1_0	55990/3625	1:1.58	0.582	0.02	18.08	19.00	1.236	0.719	23.1
		QPSK 1_99	55792/3605.2								
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	55990/3625	1:1.58	0.932	0.08	20.11	21.00	1.227	1.144	23.1
Left tilted	20	QPSK 50_0	55990/3625	1:1.58	0.511	0.05	20.11	21.00	1.227	0.627	23.1
Right cheek	20	QPSK 50_0	55990/3625	1:1.58	0.304	-0.14	20.11	21.00	1.227	0.373	23.1
Right tilted	20	QPSK 50_0	55990/3625	1:1.58	0.268	0.02	20.11	21.00	1.227	0.329	23.1
Left cheek	20	QPSK 50_0	55340/3560	1:1.58	0.894	0.01	20.05	21.00	1.245	1.113	23.1
Left cheek	20	QPSK 50_0	56640/3690	1:1.58	0.912	0.02	20.09	21.00	1.233	1.124	23.1
Head Test Data (100%RB) SET_1											
Left cheek	20	QPSK 100_0	55990/3625	1:1.58	0.889	0.04	19.95	21.00	1.274	1.133	23.1
Head Test Data (1RB) SET_1(ENDC)											
Left cheek	20	QPSK 1_0	55990/3625	1:1.58	0.953	0.08	20.14	19.00	0.769	0.733	23.1
Left cheek-Repeat SAR	20	QPSK 1_0	55990/3625	1:1.58	0.948	-0.04	20.14	19.00	0.769	0.729	23.1
Left tilted	20	QPSK 1_0	55990/3625	1:1.58	0.568	-0.10	20.14	19.00	0.769	0.437	23.1
Right cheek	20	QPSK 1_0	55990/3625	1:1.58	0.338	-0.16	20.14	19.00	0.769	0.260	23.1
Right tilted	20	QPSK 1_0	55990/3625	1:1.58	0.296	0.02	20.14	19.00	0.769	0.228	23.1
Left cheek	20	QPSK 1_0	55340/3560	1:1.58	0.938	0.19	20.11	19.00	0.774	0.726	23.1
Left cheek	20	QPSK 1_0	56640/3690	1:1.58	0.944	-0.13	20.12	19.00	0.773	0.730	23.1
Left cheek-CA_48C	20	QPSK 1_0	55990/3625	1:1.58	0.582	0.02	18.08	19.00	1.236	0.719	23.1
		QPSK 1_99	55792/3605.2								
Head Test Data (50%RB) SET_1(ENDC)											
Left cheek	20	QPSK 50_0	55990/3625	1:1.58	0.932	0.08	20.11	19.00	0.774	0.721	23.1
Left tilted	20	QPSK 50_0	55990/3625	1:1.58	0.511	0.05	20.11	19.00	0.774	0.396	23.1
Right cheek	20	QPSK 50_0	55990/3625	1:1.58	0.304	-0.14	20.11	19.00	0.774	0.235	23.1
Right tilted	20	QPSK 50_0	55990/3625	1:1.58	0.268	0.02	20.11	19.00	0.774	0.207	23.1
Left cheek	20	QPSK 50_0	55340/3560	1:1.58	0.894	0.01	20.05	19.00	0.785	0.702	23.1
Left cheek	20	QPSK 50_0	56640/3690	1:1.58	0.912	0.02	20.09	19.00	0.778	0.710	23.1
Head Test Data (100%RB) SET_1(ENDC)											
Left cheek	20	QPSK 100_0	55990/3625	1:1.58	0.889	0.04	19.95	19.00	0.804	0.715	23.1
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.210	0.07	22.06	23.00	1.242	0.261	23.1
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.433	0.04	22.06	23.00	1.242	0.538	23.1
Back side-CA_48C	20	QPSK 1_0	55990/3625	1:1.58	0.166	-0.01	18.08	19.00	1.236	0.205	23.1
		QPSK 1_99	55792/3605.2								
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.192	0.04	22.03	23.00	1.250	0.240	23.1

Back side	20	QPSK 50_0	55990/3625	1:1.58	0.404	0.11	22.03	23.00	1.250	0.505	23.1
Body worn Test data (Separate 15mm 1RB) SET_2(ENDC)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.210	0.07	22.06	21.00	0.783	0.164	23.1
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.433	0.04	22.06	21.00	0.783	0.339	23.1
Back side-CA_48C	20	QPSK 1_0	55990/3625	1:1.58	0.166	-0.01	18.08	19.00	1.236	0.205	23.1
		QPSK 1_99	55792/3605.2								
Body worn Test data (Separate 15mm 50%RB) SET_2(ENDC)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.192	0.04	22.03	21.00	0.789	0.151	23.1
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.404	0.11	22.03	21.00	0.789	0.319	23.1
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.334	-0.06	21.73	22.00	1.064	0.355	23.1
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.744	-0.09	21.73	22.00	1.064	0.792	23.1
Right side	20	QPSK 1_0	55990/3625	1:1.58	0.892	-0.02	21.73	22.00	1.064	0.949	23.1
Right side-Repeat SAR	20	QPSK 1_0	55990/3625	1:1.58	0.885	-0.01	21.73	22.00	1.064	0.942	23.1
Top side	20	QPSK 1_0	55990/3625	1:1.58	0.203	-0.04	21.73	22.00	1.064	0.216	23.1
Back side	20	QPSK 1_0	55340/3560	1:1.58	0.731	-0.14	21.63	22.00	1.089	0.796	23.1
Back side	20	QPSK 1_0	56640/3690	1:1.58	0.737	-0.02	21.68	22.00	1.076	0.793	23.1
Right side	20	QPSK 1_0	55340/3560	1:1.58	0.869	-0.17	21.63	22.00	1.089	0.946	23.1
Right side	20	QPSK 1_0	56640/3690	1:1.58	0.876	-0.01	21.68	22.00	1.076	0.943	23.1
Right side-CA_48C	20	QPSK 1_0	55990/3625	1:1.58	0.479	0.05	18.08	19.00	1.236	0.592	23.1
		QPSK 1_99	55792/3605.2								
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.311	0.18	21.69	22.00	1.074	0.334	23.1
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.712	0.14	21.69	22.00	1.074	0.765	23.1
Right side	20	QPSK 50_0	55990/3625	1:1.58	0.845	-0.08	21.69	22.00	1.074	0.908	23.1
Top side	20	QPSK 50_0	55990/3625	1:1.58	0.183	-0.17	21.69	22.00	1.074	0.197	23.1
Back side	20	QPSK 50_0	55340/3560	1:1.58	0.704	0.01	21.68	22.00	1.076	0.758	23.1
Back side	20	QPSK 50_0	56640/3690	1:1.58	0.710	0.06	21.62	22.00	1.091	0.775	23.1
Right side	20	QPSK 50_0	55340/3560	1:1.58	0.837	0.02	21.68	22.00	1.076	0.901	23.1
Right side	20	QPSK 50_0	56640/3690	1:1.58	0.810	0.14	21.62	22.00	1.091	0.884	23.1
Hotspot Test data (Separate 10mm 100%RB) SET_3											
Back side	20	QPSK 100_0	55990/3625	1:1.58	0.725	0.02	21.62	22.00	1.091	0.791	23.1
Right side	20	QPSK 100_0	55990/3625	1:1.58	0.825	0.14	21.62	22.00	1.091	0.900	23.1
Hotspot Test data (Separate 10mm 1RB) SET_3(ENDC)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.334	-0.06	21.73	20.00	0.671	0.224	23.1
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.744	-0.09	21.73	20.00	0.671	0.499	23.1
Right side	20	QPSK 1_0	55990/3625	1:1.58	0.892	-0.02	21.73	20.00	0.671	0.599	23.1
Right side-Repeat SAR	20	QPSK 1_0	55990/3625	1:1.58	0.885	-0.01	21.73	20.00	0.671	0.594	23.1
Top side	20	QPSK 1_0	55990/3625	1:1.58	0.203	-0.04	21.73	20.00	0.671	0.136	23.1
Back side	20	QPSK 1_0	55340/3560	1:1.58	0.731	-0.14	21.63	20.00	0.687	0.502	23.1
Back side	20	QPSK 1_0	56640/3690	1:1.58	0.737	-0.02	21.68	20.00	0.679	0.500	23.1
Right side	20	QPSK 1_0	55340/3560	1:1.58	0.869	-0.17	21.63	20.00	0.687	0.597	23.1
Right side	20	QPSK 1_0	56640/3690	1:1.58	0.876	-0.01	21.68	20.00	0.679	0.595	23.1
Right side-CA_48C	20	QPSK 1_0	55990/3625	1:1.58	0.479	0.05	18.08	19.00	1.236	0.592	23.1
		QPSK 1_99	55792/3605.2								
Hotspot Test data (Separate 10mm 50%RB) SET_3(ENDC)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.311	0.18	21.69	20.00	0.678	0.211	23.1
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.712	0.14	21.69	20.00	0.678	0.483	23.1
Right side	20	QPSK 50_0	55990/3625	1:1.58	0.845	-0.08	21.69	20.00	0.678	0.573	23.1
Top side	20	QPSK 50_0	55990/3625	1:1.58	0.183	-0.17	21.69	20.00	0.678	0.124	23.1
Back side	20	QPSK 50_0	55340/3560	1:1.58	0.704	0.01	21.68	20.00	0.679	0.478	23.1

Back side	20	QPSK 50_0	56640/3690	1:1.58	0.710	0.06	21.62	20.00	0.689	0.489	23.1
Right side	20	QPSK 50_0	55340/3560	1:1.58	0.837	0.02	21.68	20.00	0.679	0.568	23.1
Right side	20	QPSK 50_0	56640/3690	1:1.58	0.810	0.14	21.62	20.00	0.689	0.558	23.1
Hotspot Test data (Separate 10mm 100%RB) SET_3(ENDC)											
Back side	20	QPSK 100_0	55990/3625	1:1.58	0.725	0.02	21.62	20.00	0.689	0.500	23.1
Right side	20	QPSK 100_0	55990/3625	1:1.58	0.825	0.14	21.62	20.00	0.689	0.568	23.1

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	55990/3625	0.953	0.948	1.005	N/A	N/A
Right side 10mm	55990/3625	0.892	0.885	1.008	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.						

8.3.12 SAR Result of LTE Band 66

Ant 1 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET 1											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.051	0.04	23.34	24.50	1.306	0.067	23.2
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.030	-0.04	23.34	24.50	1.306	0.039	23.2
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.001	0.08	23.34	24.50	1.306	0.001	23.2
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.001	0.06	23.34	24.50	1.306	0.001	23.2
Head Test Data (50%RB) SET 1											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.047	-0.07	23.18	23.50	1.076	0.051	23.2
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.025	0.12	23.18	23.50	1.076	0.027	23.2
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.001	-0.14	23.18	23.50	1.076	0.001	23.2
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.001	0.18	23.18	23.50	1.076	0.001	23.2
Body worn Test data (Separate 15mm 1RB) SET 2											
Front side	20	QPSK 1_0	132322/1745	1:1	0.050	-0.15	19.23	20.50	1.340	0.067	23.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.118	-0.07	19.23	20.50	1.340	0.158	23.2
Body worn Test data (Separate 15mm 50%RB) SET 2											
Front side	20	QPSK 50_0	132322/1745	1:1	0.041	0.08	19.20	20.50	1.349	0.055	23.2
Back side	20	QPSK 50_0	132322/1745	1:1	0.108	-0.07	19.20	20.50	1.349	0.146	23.2
Hotspot Test data (Separate 10mm 1RB) SET 3											
Front side	20	QPSK 1_0	132322/1745	1:1	0.074	-0.18	18.26	19.50	1.330	0.098	23.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.170	0.02	18.26	19.50	1.330	0.226	23.2
Left side	20	QPSK 1_0	132322/1745	1:1	0.001	0.07	18.26	19.50	1.330	0.001	23.2
Right side	20	QPSK 1_0	132322/1745	1:1	0.001	-0.07	18.26	19.50	1.330	0.001	23.2
Bottom side	20	QPSK 1_0	132322/1745	1:1	0.212	-0.17	18.26	19.50	1.330	0.282	23.2
Hotspot Test data (Separate 10mm 50%RB) SET 3											
Front side	20	QPSK 50_0	132322/1745	1:1	0.060	0.01	18.21	19.50	1.346	0.081	23.2
Back side	20	QPSK 50_0	132322/1745	1:1	0.154	0.01	18.21	19.50	1.346	0.207	23.2
Left side	20	QPSK 50_0	132322/1745	1:1	0.001	0.10	18.21	19.50	1.346	0.001	23.2
Right side	20	QPSK 50_0	132322/1745	1:1	0.001	-0.17	18.21	19.50	1.346	0.001	23.2
Bottom side	20	QPSK 50_0	132322/1745	1:1	0.184	-0.02	18.21	19.50	1.346	0.248	23.2
Ant 2 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET 1											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.729	0.05	19.55	20.50	1.245	0.908	23.2
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.286	0.18	19.55	20.50	1.245	0.356	23.2
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.325	0.15	19.55	20.50	1.245	0.405	23.2
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.247	-0.07	19.55	20.50	1.245	0.308	23.2
Left cheek	20	QPSK 1_0	132072/1720	1:1	0.714	0.12	19.51	20.50	1.256	0.897	23.2
Left cheek	20	QPSK 1_0	132572/1770	1:1	0.708	-0.18	19.49	20.50	1.262	0.893	23.2
Head Test Data (50%RB) SET 1											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.746	0.16	19.54	20.50	1.247	0.930	23.2
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.295	0.09	19.54	20.50	1.247	0.368	23.2
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.327	0.15	19.54	20.50	1.247	0.408	23.2
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.254	0.08	19.54	20.50	1.247	0.317	23.2
Left cheek	20	QPSK 50_0	132072/1720	1:1	0.741	-0.05	19.52	20.50	1.253	0.928	23.2
Left cheek	20	QPSK 50_0	132572/1770	1:1	0.728	-0.16	19.45	20.50	1.274	0.927	23.2
Head Test Data (100%RB) SET 1											
Left cheek	20	QPSK 100_0	132322/1745	1:1	0.719	0.02	19.47	20.50	1.268	0.912	23.2
Head Test Data (1RB) SET 1(ULCA&ENCD)											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.729	0.05	19.55	17.50	0.624	0.455	23.2
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.286	0.18	19.55	17.50	0.624	0.178	23.2
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.325	0.15	19.55	17.50	0.624	0.203	23.2
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.247	-0.07	19.55	17.50	0.624	0.154	23.2
Left cheek	20	QPSK 1_0	132072/1720	1:1	0.714	0.12	19.51	17.50	0.630	0.450	23.2
Left cheek	20	QPSK 1_0	132572/1770	1:1	0.708	-0.18	19.49	17.50	0.632	0.447	23.2
Head Test Data (50%RB) SET 1(ULCA&ENCD)											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.746	0.16	19.54	17.50	0.625	0.466	23.2
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.295	0.09	19.54	17.50	0.625	0.184	23.2
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.327	0.15	19.54	17.50	0.625	0.204	23.2
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.254	0.08	19.54	17.50	0.625	0.159	23.2
Left cheek	20	QPSK 50_0	132072/1720	1:1	0.741	-0.05	19.52	17.50	0.628	0.465	23.2
Left cheek	20	QPSK 50_0	132572/1770	1:1	0.728	-0.16	19.45	17.50	0.638	0.464	23.2
Head Test Data (100%RB) SET 1(ULCA&ENCD)											
Left cheek	20	QPSK 100_0	132322/1745	1:1	0.719	0.02	19.47	17.50	0.635	0.457	23.2
Body worn Test data (Separate 15mm 1RB) SET 2											
Front side	20	QPSK 1_0	132322/1745	1:1	0.206	-0.05	22.62	23.50	1.225	0.252	23.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.257	0.01	22.62	23.50	1.225	0.315	23.2
Body worn Test data (Separate 15mm 50%RB) SET 2											

Front side	20	QPSK 50 0	132322/1745	1:1	0.192	0.09	22.54	23.50	1.247	0.239	23.2
Back side	20	QPSK 50 0	132322/1745	1:1	0.268	0.02	22.54	23.50	1.247	0.334	23.2
Body worn Test data (Separate 15mm 1RB) SET 2(ULCA&ENCD)											
Front side	20	QPSK 1 0	132322/1745	1:1	0.206	-0.05	22.62	20.50	0.614	0.126	23.2
Back side	20	QPSK 1 0	132322/1745	1:1	0.257	0.01	22.62	20.50	0.614	0.158	23.2
Body worn Test data (Separate 15mm 50%RB) SET 2(ULCA&ENCD)											
Front side	20	QPSK 50 0	132322/1745	1:1	0.192	0.09	22.54	20.50	0.625	0.120	23.2
Back side	20	QPSK 50 0	132322/1745	1:1	0.268	0.02	22.54	20.50	0.625	0.168	23.2
Hotspot Test data (Separate 10mm 1RB) SET 3											
Front side	20	QPSK 1 0	132322/1745	1:1	0.215	0.12	21.54	22.50	1.247	0.268	23.2
Back side	20	QPSK 1 0	132322/1745	1:1	0.358	-0.05	21.54	22.50	1.247	0.446	23.2
Right side	20	QPSK 1 0	132322/1745	1:1	0.263	-0.07	21.54	22.50	1.247	0.328	23.2
Top side	20	QPSK 1 0	132322/1745	1:1	0.254	-0.05	21.54	22.50	1.247	0.317	23.2
Hotspot Test data (Separate 10mm 50%RB) SET 3											
Front side	20	QPSK 50 0	132322/1745	1:1	0.279	0.13	21.53	22.50	1.250	0.349	23.2
Back side	20	QPSK 50 0	132322/1745	1:1	0.473	0.19	21.53	22.50	1.250	0.591	23.2
Right side	20	QPSK 50 0	132322/1745	1:1	0.336	-0.04	21.53	22.50	1.250	0.420	23.2
Top side	20	QPSK 50 0	132322/1745	1:1	0.230	0.02	21.53	22.50	1.250	0.288	23.2
Hotspot Test data (Separate 10mm 1RB) SET 3(ULCA&ENCD)											
Front side	20	QPSK 1 0	132322/1745	1:1	0.215	0.12	21.54	19.50	0.625	0.134	23.2
Back side	20	QPSK 1 0	132322/1745	1:1	0.358	-0.05	21.54	19.50	0.625	0.224	23.2
Right side	20	QPSK 1 0	132322/1745	1:1	0.263	-0.07	21.54	19.50	0.625	0.164	23.2
Top side	20	QPSK 1 0	132322/1745	1:1	0.254	-0.05	21.54	19.50	0.625	0.159	23.2
Hotspot Test data (Separate 10mm 50%RB) SET 3(ULCA&ENCD)											
Front side	20	QPSK 50 0	132322/1745	1:1	0.279	0.13	21.53	19.50	0.627	0.175	23.2
Back side	20	QPSK 50 0	132322/1745	1:1	0.473	0.19	21.53	19.50	0.627	0.297	23.2
Right side	20	QPSK 50 0	132322/1745	1:1	0.336	-0.04	21.53	19.50	0.627	0.211	23.2
Top side	20	QPSK 50 0	132322/1745	1:1	0.230	0.02	21.53	19.50	0.627	0.144	23.2

8.3.13 SAR Result of NR Band n2

Ant2 Test Record											
Test position	BW	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	20	QPSK 1_1	376000/1880	100%	0.747	0.15	18.69	19.50	1.205	0.900	22.7
Left tilted	20	QPSK 1_1	376000/1880	100%	0.301	-0.03	18.69	19.50	1.205	0.363	22.7
Right cheek	20	QPSK 1_1	376000/1880	100%	0.297	0.06	18.69	19.50	1.205	0.358	22.7
Right tilted	20	QPSK 1_1	376000/1880	100%	0.263	0.16	18.69	19.50	1.205	0.317	22.7
Left cheek	20	QPSK 1_1	372000/1860	100%	0.733	0.09	18.63	19.50	1.222	0.896	22.7
Left cheek	20	QPSK 1_1	380000/1900	100%	0.736	-0.04	18.64	19.50	1.219	0.897	22.7
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_28	376000/1880	100%	0.713	0.03	18.52	19.50	1.253	0.893	22.7
Left tilted	20	QPSK 50_28	376000/1880	100%	0.285	-0.16	18.52	19.50	1.253	0.357	22.7
Right cheek	20	QPSK 50_28	376000/1880	100%	0.271	0.18	18.52	19.50	1.253	0.340	22.7
Right tilted	20	QPSK 50_28	376000/1880	100%	0.245	-0.11	18.52	19.50	1.253	0.307	22.7
Left cheek	20	QPSK 50_28	372000/1860	100%	0.708	0.17	18.48	19.50	1.265	0.896	22.7
Left cheek	20	QPSK 50_28	380000/1900	100%	0.711	0.02	18.49	19.50	1.262	0.897	22.7
Head Test Data (100%RB) SET_1											
Left cheek	20	QPSK 100_0	376000/1880	100%	0.614	0.03	17.44	18.50	1.276	0.783	22.7
Head Test Data (1RB) SET_1(ENDC)											
Left cheek	20	QPSK 1_1	376000/1880	100%	0.747	0.15	18.69	17.50	0.760	0.568	22.7
Left tilted	20	QPSK 1_1	376000/1880	100%	0.301	-0.03	18.69	17.50	0.760	0.229	22.7
Right cheek	20	QPSK 1_1	376000/1880	100%	0.297	0.06	18.69	17.50	0.760	0.226	22.7
Right tilted	20	QPSK 1_1	376000/1880	100%	0.263	0.16	18.69	17.50	0.760	0.200	22.7
Left cheek	20	QPSK 1_1	372000/1860	100%	0.733	0.09	18.63	17.50	0.771	0.565	22.7
Left cheek	20	QPSK 1_1	380000/1900	100%	0.736	-0.04	18.64	17.50	0.769	0.566	22.7
Head Test Data (50%RB) SET_1(ENDC)											
Left cheek	20	QPSK 50_28	376000/1880	100%	0.713	0.03	18.52	17.50	0.791	0.564	22.7
Left tilted	20	QPSK 50_28	376000/1880	100%	0.285	-0.16	18.52	17.50	0.791	0.225	22.7
Right cheek	20	QPSK 50_28	376000/1880	100%	0.271	0.18	18.52	17.50	0.791	0.214	22.7
Right tilted	20	QPSK 50_28	376000/1880	100%	0.245	-0.11	18.52	17.50	0.791	0.194	22.7
Left cheek	20	QPSK 50_28	372000/1860	100%	0.708	0.17	18.48	17.50	0.798	0.565	22.7
Left cheek	20	QPSK 50_28	380000/1900	100%	0.711	0.02	18.49	17.50	0.796	0.566	22.7
Head Test Data (100%RB) SET_1(ENDC)											
Left cheek	20	QPSK 100_0	376000/1880	100%	0.614	0.03	17.44	17.50	1.014	0.623	22.7
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_1	376000/1880	100%	0.176	0.07	22.52	23.50	1.253	0.221	22.7
Back side	20	QPSK 1_1	376000/1880	100%	0.267	-0.03	22.52	23.50	1.253	0.335	22.7
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_28	376000/1880	100%	0.182	0.02	22.36	23.50	1.300	0.237	22.7
Back side	20	QPSK 50_28	376000/1880	100%	0.288	-0.03	22.36	23.50	1.300	0.374	22.7
Body worn Test data (Separate 15mm 1RB) SET_2(ENDC)											
Front side	20	QPSK 1_1	376000/1880	100%	0.176	0.07	22.52	20.50	0.628	0.111	22.7
Back side	20	QPSK 1_1	376000/1880	100%	0.267	-0.03	22.52	20.50	0.628	0.168	22.7
Body worn Test data (Separate 15mm 50%RB) SET_2(ENDC)											
Front side	20	QPSK 50_28	376000/1880	100%	0.182	0.02	22.36	20.50	0.652	0.119	22.7
Back side	20	QPSK 50_28	376000/1880	100%	0.288	-0.03	22.36	20.50	0.652	0.188	22.7

Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_1	376000/1880	100%	0.319	-0.09	21.60	22.50	1.230	0.392	22.7
Back side	20	QPSK 1_1	376000/1880	100%	0.523	-0.12	21.60	22.50	1.230	0.643	22.7
Right side	20	QPSK 1_1	376000/1880	100%	0.385	-0.17	21.60	22.50	1.230	0.474	22.7
Top side	20	QPSK 1_1	376000/1880	100%	0.273	-0.07	21.60	22.50	1.230	0.336	22.7
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_28	376000/1880	100%	0.316	0.12	21.23	22.50	1.340	0.423	22.7
Back side	20	QPSK 50_28	376000/1880	100%	0.586	-0.01	21.23	22.50	1.340	0.785	22.7
Right side	20	QPSK 50_28	376000/1880	100%	0.398	0.18	21.23	22.50	1.340	0.533	22.7
Top side	20	QPSK 50_28	376000/1880	100%	0.256	-0.12	21.23	22.50	1.340	0.343	22.7
Hotspot Test data (Separate 10mm 1RB) SET_3(ENDC)											
Front side	20	QPSK 1_1	376000/1880	100%	0.319	-0.09	21.60	19.50	0.617	0.197	22.7
Back side	20	QPSK 1_1	376000/1880	100%	0.523	-0.12	21.60	19.50	0.617	0.323	22.7
Right side	20	QPSK 1_1	376000/1880	100%	0.385	-0.17	21.60	19.50	0.617	0.238	22.7
Top side	20	QPSK 1_1	376000/1880	100%	0.273	-0.07	21.60	19.50	0.617	0.168	22.7
Hotspot Test data (Separate 10mm 50%RB) SET_3(ENDC)											
Front side	20	QPSK 50_28	376000/1880	100%	0.316	0.12	21.23	19.50	0.671	0.212	22.7
Back side	20	QPSK 50_28	376000/1880	100%	0.586	-0.01	21.23	19.50	0.671	0.393	22.7
Right side	20	QPSK 50_28	376000/1880	100%	0.398	0.18	21.23	19.50	0.671	0.267	22.7
Top side	20	QPSK 50_28	376000/1880	100%	0.256	-0.12	21.23	19.50	0.671	0.172	22.7

8.3.14 SAR Result of NR Band n5

Ant0 Test Record											
Test position	BW	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	20	QPSK 1_1	167300/836.5	100%	0.709	0.12	23.68	24.50	1.208	0.856	22.8
Left tilted	20	QPSK 1_1	167300/836.5	100%	0.632	0.01	23.68	24.50	1.208	0.763	22.8
Right cheek	20	QPSK 1_1	167300/836.5	100%	0.877	-0.08	23.68	24.50	1.208	1.059	22.8
Right cheek-Repeat SAR	20	QPSK 1_1	167300/836.5	100%	0.859	0.07	23.68	24.50	1.208	1.038	22.8
Right tilted	20	QPSK 1_1	167300/836.5	100%	0.748	0.05	23.68	24.50	1.208	0.904	22.8
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.645	-0.05	23.59	24.50	1.233	0.795	22.8
Left tilted	20	QPSK 50_28	167300/836.5	100%	0.573	0.09	23.59	24.50	1.233	0.707	22.8
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.784	-0.04	23.59	24.50	1.233	0.967	22.8
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.689	-0.15	23.59	24.50	1.233	0.850	22.8
Head Test Data (100%RB) SET_1											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.551	0.08	22.55	23.50	1.245	0.686	22.8
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.619	0.10	22.55	23.50	1.245	0.771	22.8
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.592	0.09	22.55	23.50	1.245	0.737	22.8
Head Test Data (1RB) SET_1(ENDC)											
Left cheek	20	QPSK 1_1	167300/836.5	100%	0.709	0.12	23.68	21.50	0.605	0.429	22.8
Left tilted	20	QPSK 1_1	167300/836.5	100%	0.632	0.01	23.68	21.50	0.605	0.382	22.8
Right cheek	20	QPSK 1_1	167300/836.5	100%	0.877	-0.08	23.68	21.50	0.605	0.531	22.8
Right cheek-Repeat SAR	20	QPSK 1_1	167300/836.5	100%	0.859	0.07	23.68	21.50	0.605	0.520	22.8
Right tilted	20	QPSK 1_1	167300/836.5	100%	0.748	0.05	23.68	21.50	0.605	0.453	22.8
Head Test Data (50%RB) SET_1(ENDC)											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.645	-0.05	23.59	21.50	0.618	0.399	22.8
Left tilted	20	QPSK 50_28	167300/836.5	100%	0.573	0.09	23.59	21.50	0.618	0.354	22.8
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.784	-0.04	23.59	21.50	0.618	0.485	22.8
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.689	-0.15	23.59	21.50	0.618	0.426	22.8
Head Test Data (100%RB) SET_1(ENDC)											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.551	0.08	22.55	21.50	0.785	0.433	22.8
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.619	0.10	22.55	21.50	0.785	0.486	22.8
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.592	0.09	22.55	21.50	0.785	0.465	22.8
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_1	167300/836.5	100%	0.157	0.09	23.68	24.50	1.208	0.190	22.8
Back side	20	QPSK 1_1	167300/836.5	100%	0.219	-0.06	23.68	24.50	1.208	0.265	22.8
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_28	167300/836.5	100%	0.153	0.02	23.59	24.50	1.233	0.189	22.8
Back side	20	QPSK 50_28	167300/836.5	100%	0.231	-0.09	23.59	24.50	1.233	0.285	22.8
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_1	167300/836.5	100%	0.397	0.01	23.68	24.50	1.208	0.480	22.8
Back side	20	QPSK 1_1	167300/836.5	100%	0.613	-0.18	23.68	24.50	1.208	0.741	22.8
Left side	20	QPSK 1_1	167300/836.5	100%	0.297	-0.01	23.68	24.50	1.208	0.359	22.8
Right side	20	QPSK 1_1	167300/836.5	100%	0.158	-0.10	23.68	24.50	1.208	0.191	22.8
Top side	20	QPSK 1_1	167300/836.5	100%	0.547	0.04	23.68	24.50	1.208	0.661	22.8
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_28	167300/836.5	100%	0.425	0.02	23.59	24.50	1.233	0.524	22.8
Back side	20	QPSK 50_28	167300/836.5	100%	0.643	0.09	23.59	24.50	1.233	0.793	22.8
Left side	20	QPSK 50_28	167300/836.5	100%	0.309	-0.05	23.59	24.50	1.233	0.381	22.8

Right side	20	QPSK 50_28	167300/836.5	100%	0.153	0.02	23.59	24.50	1.233	0.189	22.8
Top side	20	QPSK 50_28	167300/836.5	100%	0.598	-0.05	23.59	24.50	1.233	0.737	22.8

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Right cheek	167300/836.5	0.877	0.859	1.021	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 ($\sim 10\%$ 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.

8.3.15 SAR Result of NR Band n48

Ant2 Test Record											
Test position	BW	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	40	QPSK 1_1	641666/3624.99	100%	0.726	-0.13	16.88	18.00	1.294	0.939	23.2
Left tilted	40	QPSK 1_1	641666/3624.99	100%	0.572	-0.19	16.88	18.00	1.294	0.740	23.2
Right cheek	40	QPSK 1_1	641666/3624.99	100%	0.223	0.14	16.88	18.00	1.294	0.289	23.2
Right tilted	40	QPSK 1_1	641666/3624.99	100%	0.199	-0.13	16.88	18.00	1.294	0.258	23.2
Head Test Data (50%RB) SET_1											
Left cheek	40	QPSK 108_54	641666/3624.99	100%	0.703	0.04	16.79	18.00	1.321	0.929	23.2
Left tilted	40	QPSK 108_54	641666/3624.99	100%	0.519	0.17	16.79	18.00	1.321	0.686	23.2
Right cheek	40	QPSK 108_54	641666/3624.99	100%	0.218	0.04	16.79	18.00	1.321	0.288	23.2
Right tilted	40	QPSK 108_54	641666/3624.99	100%	0.194	0.15	16.79	18.00	1.321	0.256	23.2
Head Test Data (100%RB) SET_1											
Left cheek	40	QPSK 216_0	641666/3624.99	100%	0.559	0.02	15.85	17.00	1.303	0.728	23.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	40	QPSK 1_1	641666/3624.99	100%	0.197	0.10	19.96	21.00	1.271	0.250	23.2
Back side	40	QPSK 1_1	641666/3624.99	100%	0.376	0.08	19.96	21.00	1.271	0.478	23.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	40	QPSK 108_54	641666/3624.99	100%	0.189	0.02	19.76	21.00	1.330	0.251	23.2
Back side	40	QPSK 108_54	641666/3624.99	100%	0.382	-0.06	19.76	21.00	1.330	0.508	23.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	40	QPSK 1_1	641666/3624.99	100%	0.248	-0.03	18.92	20.00	1.282	0.318	23.2
Back side	40	QPSK 1_1	641666/3624.99	100%	0.527	-0.05	18.92	20.00	1.282	0.676	23.2
Right side	40	QPSK 1_1	641666/3624.99	100%	0.715	-0.02	18.92	20.00	1.282	0.917	23.2
Top side	40	QPSK 1_1	641666/3624.99	100%	0.157	0.07	18.92	20.00	1.282	0.201	23.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	40	QPSK 108_54	641666/3624.99	100%	0.216	-0.03	18.75	20.00	1.334	0.288	23.2
Back side	40	QPSK 108_54	641666/3624.99	100%	0.472	-0.15	18.75	20.00	1.334	0.630	23.2
Right side	40	QPSK 108_54	641666/3624.99	100%	0.681	0.07	18.75	20.00	1.334	0.908	23.2
Top side	40	QPSK 108_54	641666/3624.99	100%	0.141	0.04	18.75	20.00	1.334	0.188	23.2
Hotspot Test data (Separate 10mm 100%RB) SET_3											
Right side	40	QPSK 216_0	641666/3624.99	100%	0.542	0.03	17.75	19.00	1.334	0.723	23.2

8.3.16 SAR Result of NR Band n66

Ant1 Test Record											
Test position	BW	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	40	QPSK 1_1	349000/1745	100%	0.051	0.07	24.08	24.50	1.102	0.056	23.2
Left tilted	40	QPSK 1_1	349000/1745	100%	0.001	0.02	24.08	24.50	1.102	0.001	23.2
Right cheek	40	QPSK 1_1	349000/1745	100%	0.001	0.13	24.08	24.50	1.102	0.001	23.2
Right tilted	40	QPSK 1_1	349000/1745	100%	0.001	-0.09	24.08	24.50	1.102	0.001	23.2
Head Test Data (50%RB) SET_1											
Left cheek	40	QPSK 108_54	349000/1745	100%	0.055	0.09	24.04	24.50	1.112	0.061	23.2
Left tilted	40	QPSK 108_54	349000/1745	100%	0.001	0.05	24.04	24.50	1.112	0.001	23.2
Right cheek	40	QPSK 108_54	349000/1745	100%	0.001	0.17	24.04	24.50	1.112	0.001	23.2
Right tilted	40	QPSK 108_54	349000/1745	100%	0.001	-0.10	24.04	24.50	1.112	0.001	23.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	40	QPSK 1_1	349000/1745	100%	0.056	-0.13	19.81	20.50	1.172	0.066	23.2
Back side	40	QPSK 1_1	349000/1745	100%	0.139	-0.02	19.81	20.50	1.172	0.163	23.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	40	QPSK 108_54	349000/1745	100%	0.053	-0.01	19.77	20.50	1.183	0.063	23.2
Back side	40	QPSK 108_54	349000/1745	100%	0.125	0.12	19.77	20.50	1.183	0.148	23.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	40	QPSK 1_1	349000/1745	100%	0.076	0.13	18.98	19.50	1.127	0.086	23.2
Back side	40	QPSK 1_1	349000/1745	100%	0.199	-0.13	18.98	19.50	1.127	0.224	23.2
Left side	40	QPSK 1_1	349000/1745	100%	0.001	0.01	18.98	19.50	1.127	0.001	23.2
Right side	40	QPSK 1_1	349000/1745	100%	0.001	-0.08	18.98	19.50	1.127	0.001	23.2
Bottom side	40	QPSK 1_1	349000/1745	100%	0.252	0.02	18.98	19.50	1.127	0.284	23.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	40	QPSK 108_54	349000/1745	100%	0.072	-0.17	18.87	19.50	1.156	0.083	23.2
Back side	40	QPSK 108_54	349000/1745	100%	0.196	-0.14	18.87	19.50	1.156	0.227	23.2
Left side	40	QPSK 108_54	349000/1745	100%	0.001	0.18	18.87	19.50	1.156	0.001	23.2
Right side	40	QPSK 1_1	349000/1745	100%	0.001	-0.05	18.87	19.50	1.156	0.001	23.2
Bottom side	40	QPSK 1_1	349000/1745	100%	0.217	0.04	18.87	19.50	1.156	0.251	23.2

Ant2 Test Record											
Test position	BW	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	40	QPSK 1_1	349000/1745	100%	0.608	0.04	18.33	19.50	1.309	0.796	23.2
Left tilted	40	QPSK 1_1	349000/1745	100%	0.243	-0.09	18.33	19.50	1.309	0.318	23.2
Right cheek	40	QPSK 1_1	349000/1745	100%	0.262	-0.08	18.33	19.50	1.309	0.343	23.2
Right tilted	40	QPSK 1_1	349000/1745	100%	0.220	-0.12	18.33	19.50	1.309	0.288	23.2
Head Test Data (50%RB) SET_1											
Left cheek	40	QPSK 108_54	349000/1745	100%	0.593	-0.10	18.25	19.50	1.334	0.791	23.2
Left tilted	40	QPSK 108_54	349000/1745	100%	0.224	0.07	18.25	19.50	1.334	0.299	23.2
Right cheek	40	QPSK 108_54	349000/1745	100%	0.246	-0.05	18.25	19.50	1.334	0.328	23.2
Right tilted	40	QPSK 108_54	349000/1745	100%	0.212	-0.12	18.25	19.50	1.334	0.283	23.2
Head Test Data (1RB) SET_1(ENDC)											
Left cheek	40	QPSK 1_1	349000/1745	100%	0.608	0.04	18.33	17.50	0.826	0.502	23.2
Left tilted	40	QPSK 1_1	349000/1745	100%	0.243	-0.09	18.33	17.50	0.826	0.201	23.2
Right cheek	40	QPSK 1_1	349000/1745	100%	0.262	-0.08	18.33	17.50	0.826	0.216	23.2
Right tilted	40	QPSK 1_1	349000/1745	100%	0.220	-0.12	18.33	17.50	0.826	0.182	23.2
Head Test Data (50%RB) SET_1(ENDC)											
Left cheek	40	QPSK 108_54	349000/1745	100%	0.593	-0.10	18.25	17.50	0.841	0.499	23.2
Left tilted	40	QPSK 108_54	349000/1745	100%	0.224	0.07	18.25	17.50	0.841	0.188	23.2
Right cheek	40	QPSK 108_54	349000/1745	100%	0.246	-0.05	18.25	17.50	0.841	0.207	23.2
Right tilted	40	QPSK 108_54	349000/1745	100%	0.212	-0.12	18.25	17.50	0.841	0.178	23.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	40	QPSK 1_1	349000/1745	100%	0.168	0.01	22.33	23.50	1.309	0.220	23.2
Back side	40	QPSK 1_1	349000/1745	100%	0.246	-0.02	22.33	23.50	1.309	0.322	23.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	40	QPSK 108_54	349000/1745	100%	0.163	0.17	22.19	23.50	1.352	0.220	23.2
Back side	40	QPSK 108_54	349000/1745	100%	0.232	0.09	22.19	23.50	1.352	0.314	23.2
Body worn Test data (Separate 15mm 1RB) SET_2(ENDC)											
Front side	40	QPSK 1_1	349000/1745	100%	0.168	0.01	22.33	20.50	0.656	0.110	23.2
Back side	40	QPSK 1_1	349000/1745	100%	0.246	-0.02	22.33	20.50	0.656	0.161	23.2
Body worn Test data (Separate 15mm 50%RB) SET_2(ENDC)											
Front side	40	QPSK 108_54	349000/1745	100%	0.163	0.17	22.19	20.50	0.678	0.111	23.2
Back side	40	QPSK 108_54	349000/1745	100%	0.232	0.09	22.19	20.50	0.678	0.157	23.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	40	QPSK 1_1	349000/1745	100%	0.259	-0.04	21.34	22.50	1.306	0.338	23.2
Back side	40	QPSK 1_1	349000/1745	100%	0.418	0.16	21.34	22.50	1.306	0.546	23.2
Right side	40	QPSK 1_1	349000/1745	100%	0.308	-0.05	21.34	22.50	1.306	0.402	23.2
Top side	40	QPSK 1_1	349000/1745	100%	0.299	0.09	21.34	22.50	1.306	0.390	23.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	40	QPSK 108_54	349000/1745	100%	0.275	-0.07	21.28	22.50	1.324	0.364	23.2
Back side	40	QPSK 108_54	349000/1745	100%	0.401	-0.16	21.28	22.50	1.324	0.531	23.2
Right side	40	QPSK 108_54	349000/1745	100%	0.275	-0.15	21.28	22.50	1.324	0.364	23.2
Top side	40	QPSK 108_54	349000/1745	100%	0.283	-0.13	21.28	22.50	1.324	0.375	23.2
Hotspot Test data (Separate 10mm 1RB) SET_3(ENDC)											
Front side	40	QPSK 1_1	349000/1745	100%	0.259	-0.04	21.34	19.50	0.655	0.170	23.2
Back side	40	QPSK 1_1	349000/1745	100%	0.418	0.16	21.34	19.50	0.655	0.274	23.2
Right side	40	QPSK 1_1	349000/1745	100%	0.308	-0.05	21.34	19.50	0.655	0.202	23.2
Top side	40	QPSK 1_1	349000/1745	100%	0.299	0.09	21.34	19.50	0.655	0.196	23.2



Hotspot Test data (Separate 10mm 50%RB) SET_3(ENDC)											
Front side	40	QPSK 108_54	349000/1745	100%	0.275	-0.07	21.28	19.50	0.664	0.183	23.2
Back side	40	QPSK 108_54	349000/1745	100%	0.401	-0.16	21.28	19.50	0.664	0.266	23.2
Right side	40	QPSK 108_54	349000/1745	100%	0.275	-0.15	21.28	19.50	0.664	0.183	23.2
Top side	40	QPSK 108_54	349000/1745	100%	0.283	-0.13	21.28	19.50	0.664	0.188	23.2

8.3.17 SAR Result of NR Band n77 (3450-3550)

Ant2 Test Record											
Test position	BW	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.386	0.18	17.96	19.00	1.271	0.491	22.9
Left tilted	100	QPSK 1_1	633334/3500	100%	0.229	0.18	17.96	19.00	1.271	0.291	22.9
Right cheek	100	QPSK 1_1	633334/3500	100%	0.138	-0.17	17.96	19.00	1.271	0.175	22.9
Right tilted	100	QPSK 1_1	633334/3500	100%	0.134	-0.07	17.96	19.00	1.271	0.170	22.9
Head Test Data (50%RB) SET_1											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.376	-0.02	17.65	19.00	1.365	0.513	22.9
Left tilted	100	QPSK 135_69	633334/3500	100%	0.218	-0.18	17.65	19.00	1.365	0.298	22.9
Right cheek	100	QPSK 135_69	633334/3500	100%	0.133	0.19	17.65	19.00	1.365	0.182	22.9
Right tilted	100	QPSK 135_69	633334/3500	100%	0.125	-0.04	17.65	19.00	1.365	0.171	22.9
Head Test Data (1RB) SET_1(ENDC)											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.386	0.18	17.96	17.00	0.802	0.310	22.9
Left tilted	100	QPSK 1_1	633334/3500	100%	0.229	0.18	17.96	17.00	0.802	0.184	22.9
Right cheek	100	QPSK 1_1	633334/3500	100%	0.138	-0.17	17.96	17.00	0.802	0.111	22.9
Right tilted	100	QPSK 1_1	633334/3500	100%	0.134	-0.07	17.96	17.00	0.802	0.107	22.9
Head Test Data (50%RB) SET_1(ENDC)											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.376	-0.02	17.65	17.00	0.861	0.324	22.9
Left tilted	100	QPSK 135_69	633334/3500	100%	0.218	-0.18	17.65	17.00	0.861	0.188	22.9
Right cheek	100	QPSK 135_69	633334/3500	100%	0.133	0.19	17.65	17.00	0.861	0.115	22.9
Right tilted	100	QPSK 135_69	633334/3500	100%	0.125	-0.04	17.65	17.00	0.861	0.108	22.9
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	100	QPSK 1_1	633334/3500	100%	0.103	-0.19	19.94	21.00	1.276	0.131	22.9
Back side	100	QPSK 1_1	633334/3500	100%	0.205	-0.05	19.94	21.00	1.276	0.262	22.9
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	100	QPSK 135_69	633334/3500	100%	0.098	-0.11	19.79	21.00	1.321	0.129	22.9
Back side	100	QPSK 135_69	633334/3500	100%	0.195	0.13	19.79	21.00	1.321	0.258	22.9
Body worn Test data (Separate 15mm 1RB) SET_2(ENDC)											
Front side	100	QPSK 1_1	633334/3500	100%	0.103	-0.19	19.94	19.00	0.805	0.083	22.9
Back side	100	QPSK 1_1	633334/3500	100%	0.205	-0.05	19.94	19.00	0.805	0.165	22.9
Body worn Test data (Separate 15mm 50%RB) SET_2(ENDC)											
Front side	100	QPSK 135_69	633334/3500	100%	0.098	-0.11	19.79	19.00	0.834	0.082	22.9
Back side	100	QPSK 135_69	633334/3500	100%	0.195	0.13	19.79	19.00	0.834	0.163	22.9
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	100	QPSK 1_1	633334/3500	100%	0.141	-0.02	18.88	20.00	1.294	0.182	22.9
Back side	100	QPSK 1_1	633334/3500	100%	0.292	0.05	18.88	20.00	1.294	0.378	22.9
Right side	100	QPSK 1_1	633334/3500	100%	0.345	0.07	18.88	20.00	1.294	0.446	22.9
Top side	100	QPSK 1_1	633334/3500	100%	0.083	0.06	18.88	20.00	1.294	0.107	22.9
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	100	QPSK 135_69	633334/3500	100%	0.121	-0.18	18.67	20.00	1.358	0.164	22.9
Back side	100	QPSK 135_69	633334/3500	100%	0.286	-0.02	18.67	20.00	1.358	0.388	22.9
Right side	100	QPSK 135_69	633334/3500	100%	0.339	0.02	18.67	20.00	1.358	0.460	22.9
Top side	100	QPSK 135_69	633334/3500	100%	0.078	-0.12	18.67	20.00	1.358	0.106	22.9
Hotspot Test data (Separate 10mm 1RB) SET_3(ENDC)											
Front side	100	QPSK 1_1	633334/3500	100%	0.141	-0.02	18.88	18.00	0.817	0.115	22.9
Back side	100	QPSK 1_1	633334/3500	100%	0.292	0.05	18.88	18.00	0.817	0.239	22.9
Right side	100	QPSK 1_1	633334/3500	100%	0.345	0.07	18.88	18.00	0.817	0.282	22.9



Top side	100	QPSK 1_1	633334/3500	100%	0.083	0.06	18.88	18.00	0.817	0.068	22.9
Hotspot Test data (Separate 10mm 50%RB) SET_3(ENDC)											
Front side	100	QPSK 135_69	633334/3500	100%	0.121	-0.18	18.67	18.00	0.857	0.104	22.9
Back side	100	QPSK 135_69	633334/3500	100%	0.286	-0.02	18.67	18.00	0.857	0.245	22.9
Right side	100	QPSK 135_69	633334/3500	100%	0.339	0.02	18.67	18.00	0.857	0.291	22.9
Top side	100	QPSK 135_69	633334/3500	100%	0.078	-0.12	18.67	18.00	0.857	0.067	22.9

8.3.18 SAR Result of NR Band n77 (3700-3980)

Ant2 Test Record											
Test position	BW	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-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 (1RB) SET_1											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.597	-0.06	17.75	19.00	1.334	0.796	23.2
Left tilted	100	QPSK 1_1	650000/3750	100%	0.301	-0.07	17.75	19.00	1.334	0.402	23.2
Right cheek	100	QPSK 1_1	650000/3750	100%	0.170	-0.10	17.75	19.00	1.334	0.227	23.2
Right tilted	100	QPSK 1_1	650000/3750	100%	0.154	0.06	17.75	19.00	1.334	0.205	23.2
Head Test Data (50%RB) SET_1											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.587	-0.10	17.68	19.00	1.355	0.795	23.2
Left tilted	100	QPSK 135_69	650000/3750	100%	0.294	-0.18	17.68	19.00	1.355	0.398	23.2
Right cheek	100	QPSK 135_69	650000/3750	100%	0.163	0.19	17.68	19.00	1.355	0.221	23.2
Right tilted	100	QPSK 135_69	650000/3750	100%	0.146	-0.15	17.68	19.00	1.355	0.198	23.2
Head Test Data (1RB) SET_1(ENDC)											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.597	-0.06	17.75	17.00	0.841	0.502	23.2
Left tilted	100	QPSK 1_1	650000/3750	100%	0.301	-0.07	17.75	17.00	0.841	0.253	23.2
Right cheek	100	QPSK 1_1	650000/3750	100%	0.170	-0.10	17.75	17.00	0.841	0.143	23.2
Right tilted	100	QPSK 1_1	650000/3750	100%	0.154	0.06	17.75	17.00	0.841	0.130	23.2
Head Test Data (50%RB) SET_1(ENDC)											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.587	-0.10	17.68	17.00	0.855	0.502	23.2
Left tilted	100	QPSK 135_69	650000/3750	100%	0.294	-0.18	17.68	17.00	0.855	0.251	23.2
Right cheek	100	QPSK 135_69	650000/3750	100%	0.163	0.19	17.68	17.00	0.855	0.139	23.2
Right tilted	100	QPSK 135_69	650000/3750	100%	0.146	-0.15	17.68	17.00	0.855	0.125	23.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	100	QPSK 1_1	650000/3750	100%	0.106	0.17	19.70	21.00	1.349	0.143	23.2
Back side	100	QPSK 1_1	650000/3750	100%	0.278	-0.07	19.70	21.00	1.349	0.375	23.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	100	QPSK 135_69	650000/3750	100%	0.103	0.11	19.62	21.00	1.374	0.142	23.2
Back side	100	QPSK 135_69	650000/3750	100%	0.271	0.04	19.62	21.00	1.374	0.372	23.2
Body worn Test data (Separate 15mm 1RB) SET_2(ENDC)											
Front side	100	QPSK 1_1	650000/3750	100%	0.106	0.17	19.70	19.00	0.851	0.090	23.2
Back side	100	QPSK 1_1	650000/3750	100%	0.278	-0.07	19.70	19.00	0.851	0.237	23.2
Body worn Test data (Separate 15mm 50%RB) SET_2(ENDC)											
Front side	100	QPSK 135_69	650000/3750	100%	0.103	0.11	19.62	19.00	0.867	0.089	23.2
Back side	100	QPSK 135_69	650000/3750	100%	0.271	0.04	19.62	19.00	0.867	0.235	23.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	100	QPSK 1_1	650000/3750	100%	0.168	0.11	18.78	20.00	1.324	0.222	23.2
Back side	100	QPSK 1_1	650000/3750	100%	0.497	-0.19	18.78	20.00	1.324	0.658	23.2
Right side	100	QPSK 1_1	650000/3750	100%	0.551	-0.04	18.78	20.00	1.324	0.730	23.2
Top side	100	QPSK 1_1	650000/3750	100%	0.085	-0.18	18.78	20.00	1.324	0.113	23.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	100	QPSK 135_69	650000/3750	100%	0.157	0.02	18.73	20.00	1.340	0.210	23.2
Back side	100	QPSK 135_69	650000/3750	100%	0.490	0.10	18.73	20.00	1.340	0.657	23.2
Right side	100	QPSK 135_69	650000/3750	100%	0.542	0.03	18.73	20.00	1.340	0.726	23.2
Top side	100	QPSK 135_69	650000/3750	100%	0.077	-0.06	18.73	20.00	1.340	0.103	23.2
Hotspot Test data (Separate 10mm 1RB) SET_3(ENDC)											
Front side	100	QPSK 1_1	650000/3750	100%	0.168	0.11	18.78	18.00	0.836	0.140	23.2
Back side	100	QPSK 1_1	650000/3750	100%	0.497	-0.19	18.78	18.00	0.836	0.415	23.2
Right side	100	QPSK 1_1	650000/3750	100%	0.551	-0.04	18.78	18.00	0.836	0.461	23.2



Top side	100	QPSK 1_1	650000/3750	100%	0.085	-0.18	18.78	18.00	0.836	0.071	23.2
Hotspot Test data (Separate 10mm 50%RB) SET_3(ENDC)											
Front side	100	QPSK 135_69	650000/3750	100%	0.157	0.02	18.73	18.00	0.845	0.133	23.2
Back side	100	QPSK 135_69	650000/3750	100%	0.490	0.10	18.73	18.00	0.845	0.414	23.2
Right side	100	QPSK 135_69	650000/3750	100%	0.542	0.03	18.73	18.00	0.845	0.458	23.2
Top side	100	QPSK 135_69	650000/3750	100%	0.077	-0.06	18.73	18.00	0.845	0.065	23.2

8.3.19 SAR Result of WIFI 2.4G

Ant7 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-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 SET_0											
Left cheek	802.11b	6/2437	98.66%	1.014	0.869	-0.01	16.74	17.00	1.062	0.936	22.9
Left cheek-Repeat SAR	802.11b	6/2437	98.66%	1.014	0.854	-0.14	16.74	17.00	1.062	0.920	22.9
Left tilted	802.11b	6/2437	98.66%	1.014	0.601	0.08	16.74	17.00	1.062	0.647	22.9
Right cheek	802.11b	6/2437	98.66%	1.014	0.307	0.15	16.74	17.00	1.062	0.331	22.9
Right tilted	802.11b	6/2437	98.66%	1.014	0.249	-0.05	16.74	17.00	1.062	0.268	22.9
Left cheek	802.11b	1/2412	98.66%	1.014	0.847	0.04	16.68	17.00	1.076	0.924	22.9
Left cheek	802.11b	11/2462	98.66%	1.014	0.844	0.13	16.65	17.00	1.084	0.928	22.9
Head Test Data SET_0(Simultaneous)											
Left cheek	802.11b	6/2437	98.66%	1.014	0.869	-0.01	16.74	10.50	0.238	0.210	22.9
Left cheek-Repeat SAR	802.11b	6/2437	98.66%	1.014	0.854	-0.14	16.74	10.50	0.238	0.206	22.9
Left tilted	802.11b	6/2437	98.66%	1.014	0.601	0.08	16.74	10.50	0.238	0.145	22.9
Right cheek	802.11b	6/2437	98.66%	1.014	0.307	0.15	16.74	10.50	0.238	0.074	22.9
Right tilted	802.11b	6/2437	98.66%	1.014	0.249	-0.05	16.74	10.50	0.238	0.060	22.9
Left cheek	802.11b	1/2412	98.66%	1.014	0.847	0.04	16.68	10.50	0.241	0.207	22.9
Left cheek	802.11b	11/2462	98.66%	1.014	0.844	0.13	16.65	10.50	0.243	0.208	22.9
Body worn Test data (Separate 15mm) SET_1											
Front side	802.11b	6/2437	98.66%	1.014	0.081	0.10	19.74	20.00	1.062	0.087	22.9
Back side	802.11b	6/2437	98.66%	1.014	0.151	0.03	19.74	20.00	1.062	0.163	22.9
Hotspot Test data (Separate 10mm) SET_3											
Front side	802.11b	6/2437	98.66%	1.014	0.018	0.09	15.27	15.50	1.054	0.019	22.9
Back side	802.11b	6/2437	98.66%	1.014	0.040	-0.03	15.27	15.50	1.054	0.043	22.9
Left side	802.11b	6/2437	98.66%	1.014	0.001	-0.10	15.27	15.50	1.054	0.001	22.9
Right side	802.11b	6/2437	98.66%	1.014	0.031	-0.12	15.27	15.50	1.054	0.033	22.9
Top side	802.11b	6/2437	98.66%	1.014	0.010	0.01	15.27	15.50	1.054	0.011	22.9

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	6/2437	0.869	0.854	1.018	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 ($\sim 10\%$ 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.						

8.3.20 SAR Result of WIFI 5G

Ant7 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-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 SET_0											
Left cheek	802.11a	64/5320	98.31%	1.017	0.391	-0.13	15.00	15.50	1.122	0.446	23.0
Left tilted	802.11a	64/5320	98.31%	1.017	0.403	0.16	15.00	15.50	1.122	0.460	23.0
Right cheek	802.11a	64/5320	98.31%	1.017	0.204	0.02	15.00	15.50	1.122	0.233	23.0
Right tilted	802.11a	64/5320	98.31%	1.017	0.252	0.14	15.00	15.50	1.122	0.288	23.0
Head Test Data of U-NII-2C SET_0											
Left cheek	802.11a	100/5500	98.31%	1.017	0.819	0.07	15.48	15.50	1.005	0.837	23.0
Left tilted	802.11a	100/5500	98.31%	1.017	0.950	-0.09	15.48	15.50	1.005	0.971	23.0
Right cheek	802.11a	100/5500	98.31%	1.017	0.455	0.07	15.48	15.50	1.005	0.465	23.0
Right tilted	802.11a	100/5500	98.31%	1.017	0.564	-0.16	15.48	15.50	1.005	0.576	23.0
Left cheek	802.11a	116/5580	98.31%	1.017	0.805	-0.01	15.46	15.50	1.009	0.826	23.0
Left cheek	802.11a	140/5700	98.31%	1.017	0.811	-0.14	15.44	15.50	1.014	0.836	23.0
Left tilted	802.11a	116/5580	98.31%	1.017	0.932	-0.15	15.46	15.50	1.009	0.956	23.0
Left tilted	802.11a	140/5700	98.31%	1.017	0.925	-0.06	15.44	15.50	1.014	0.954	23.0
Head Test Data of U-NII-3 SET_0											
Left cheek	802.11a	149/5745	98.31%	1.017	0.835	0.09	15.34	15.50	1.038	0.881	23.0
Left tilted	802.11a	149/5745	98.31%	1.017	1.070	-0.10	15.34	15.50	1.038	1.130	23.0
Left tilted-Repeat SAR	802.11a	149/5745	98.31%	1.017	1.010	0.17	15.34	15.50	1.038	1.066	23.0
Right cheek	802.11a	149/5745	98.31%	1.017	0.623	-0.15	15.34	15.50	1.038	0.658	23.0
Right tilted	802.11a	149/5745	98.31%	1.017	0.694	0.04	15.34	15.50	1.038	0.733	23.0
Left cheek	802.11a	157/5785	98.31%	1.017	0.822	-0.02	15.29	15.50	1.050	0.878	23.0
Left cheek	802.11a	165/5825	98.31%	1.017	0.804	-0.03	15.26	15.50	1.057	0.864	23.0
Left tilted	802.11a	157/5785	98.31%	1.017	0.993	-0.05	15.29	15.50	1.050	1.060	23.0
Left tilted	802.11a	165/5825	98.31%	1.017	1.030	0.13	15.26	15.50	1.057	1.107	23.0
Head Test Data of U-NII-2A SET_0(Simultaneous)											
Left cheek	802.11a	64/5320	98.31%	1.017	0.391	-0.13	15.00	10.00	0.316	0.126	23.0
Left tilted	802.11a	64/5320	98.31%	1.017	0.403	0.16	15.00	10.00	0.316	0.130	23.0
Right cheek	802.11a	64/5320	98.31%	1.017	0.204	0.02	15.00	10.00	0.316	0.066	23.0
Right tilted	802.11a	64/5320	98.31%	1.017	0.252	0.14	15.00	10.00	0.316	0.081	23.0
Head Test Data of U-NII-2C SET_0(Simultaneous)											
Left cheek	802.11a	100/5500	98.31%	1.017	0.819	0.07	15.48	10.00	0.283	0.236	23.0
Left tilted	802.11a	100/5500	98.31%	1.017	0.950	-0.09	15.48	10.00	0.283	0.273	23.0
Right cheek	802.11a	100/5500	98.31%	1.017	0.455	0.07	15.48	10.00	0.283	0.131	23.0
Right tilted	802.11a	100/5500	98.31%	1.017	0.564	-0.16	15.48	10.00	0.283	0.162	23.0
Left cheek	802.11a	116/5580	98.31%	1.017	0.805	-0.01	15.46	10.00	0.284	0.233	23.0
Left cheek	802.11a	140/5700	98.31%	1.017	0.811	-0.14	15.44	10.00	0.286	0.236	23.0
Left tilted	802.11a	116/5580	98.31%	1.017	0.932	-0.15	15.46	10.00	0.284	0.269	23.0
Left tilted	802.11a	140/5700	98.31%	1.017	0.925	-0.06	15.44	10.00	0.286	0.269	23.0
Head Test Data of U-NII-3 SET_0(Simultaneous)											
Left cheek	802.11a	149/5745	98.31%	1.017	0.835	0.09	15.34	10.00	0.292	0.248	23.0
Left tilted	802.11a	149/5745	98.31%	1.017	1.070	-0.10	15.34	10.00	0.292	0.318	23.0
Left tilted-Repeat SAR	802.11a	149/5745	98.31%	1.017	1.010	0.17	15.34	10.00	0.292	0.300	23.0
Right cheek	802.11a	149/5745	98.31%	1.017	0.623	-0.15	15.34	10.00	0.292	0.185	23.0
Right tilted	802.11a	149/5745	98.31%	1.017	0.694	0.04	15.34	10.00	0.292	0.206	23.0
Left cheek	802.11a	157/5785	98.31%	1.017	0.822	-0.02	15.29	10.00	0.296	0.247	23.0

Left cheek	802.11a	165/5825	98.31%	1.017	0.804	-0.03	15.26	10.00	0.298	0.244	23.0
Left tilted	802.11a	157/5785	98.31%	1.017	0.993	-0.05	15.29	10.00	0.296	0.299	23.0
Left tilted	802.11a	165/5825	98.31%	1.017	1.030	0.13	15.26	10.00	0.298	0.312	23.0
Body worn Test data of U-NII-2A (Separate 15mm) SET_1											
Front side	802.11a	64/5320	98.31%	1.017	0.105	0.06	18.49	19.00	1.125	0.120	23.0
Back side	802.11a	64/5320	98.31%	1.017	0.216	0.16	18.49	19.00	1.125	0.247	23.0
Body worn Test data of U-NII-2C (Separate 15mm) SET_1											
Front side	802.11a	100/5500	98.31%	1.017	0.186	0.14	18.95	19.00	1.012	0.191	23.0
Back side	802.11a	100/5500	98.31%	1.017	0.429	-0.08	18.95	19.00	1.012	0.442	23.0
Body worn Test data of U-NII-3 (Separate 15mm) SET_1											
Front side	802.11a	157/5785	98.31%	1.017	0.249	0.02	18.89	19.00	1.026	0.260	23.0
Back side	802.11a	157/5785	98.31%	1.017	0.684	0.01	18.89	19.00	1.026	0.714	23.0
Hotspot Test data of U-NII-1 (Separate 10mm) SET_3											
Front side	802.11a	36/5180	98.31%	1.017	0.001	-0.04	14.05	14.50	1.109	0.001	23.0
Back side	802.11a	36/5180	98.31%	1.017	0.187	0.08	14.05	14.50	1.109	0.211	23.0
Left side	802.11a	36/5180	98.31%	1.017	0.001	-0.13	14.05	14.50	1.109	0.001	23.0
Right side	802.11a	36/5180	98.31%	1.017	0.084	-0.16	14.05	14.50	1.109	0.095	23.0
Top side	802.11a	36/5180	98.31%	1.017	0.170	0.13	14.05	14.50	1.109	0.192	23.0
Hotspot Test data of U-NII-3 (Separate 10mm) SET_3											
Front side	802.11a	149/5745	98.31%	1.017	0.109	0.19	14.44	14.50	1.014	0.112	23.0
Back side	802.11a	149/5745	98.31%	1.017	0.273	0.12	14.44	14.50	1.014	0.282	23.0
Left side	802.11a	149/5745	98.31%	1.017	0.115	-0.18	14.44	14.50	1.014	0.119	23.0
Right side	802.11a	149/5745	98.31%	1.017	0.158	0.02	14.44	14.50	1.014	0.163	23.0
Top side	802.11a	149/5745	98.31%	1.017	0.412	0.03	14.44	14.50	1.014	0.425	23.0
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	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) SET_1											
Front side	802.11a	64/5320	98.31%	1.017	0.309	0.16	18.49	19.00	1.125	0.354	23.0
Back side	802.11a	64/5320	98.31%	1.017	0.269	0.05	18.49	19.00	1.125	0.308	23.0
Left side	802.11a	64/5320	98.31%	1.017	0.019	-0.06	18.49	19.00	1.125	0.022	23.0
Right side	802.11a	64/5320	98.31%	1.017	0.191	-0.01	18.49	19.00	1.125	0.219	23.0
Top side	802.11a	64/5320	98.31%	1.017	0.666	-0.03	18.49	19.00	1.125	0.762	23.0
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm) SET_1											
Front side	802.11a	100/5500	98.31%	1.017	0.601	0.09	18.95	19.00	1.012	0.619	23.0
Back side	802.11a	100/5500	98.31%	1.017	0.493	0.07	18.95	19.00	1.012	0.507	23.0
Left side	802.11a	100/5500	98.31%	1.017	0.029	-0.17	18.95	19.00	1.012	0.030	23.0
Right side	802.11a	100/5500	98.31%	1.017	0.351	-0.10	18.95	19.00	1.012	0.361	23.0
Top side	802.11a	100/5500	98.31%	1.017	0.893	0.01	18.95	19.00	1.012	0.919	23.0

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left tilted	149/5745	1.070	1.010	1.059	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 ($\sim 10\%$ 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.						

8.3.21 SAR Result of BT

Ant7 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-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	77.03%	1.298	0.054	0.06	7.62	8.00	1.091	0.076	22.9
Left tilted	DH5	39/2441	77.03%	1.298	0.037	0.03	7.62	8.00	1.091	0.052	22.9
Right cheek	DH5	39/2441	77.03%	1.298	0.001	-0.04	7.62	8.00	1.091	0.001	22.9
Right tilted	DH5	39/2441	77.03%	1.298	0.024	0.11	7.62	8.00	1.091	0.034	22.9
Body worn Test data (Separate 15mm)											
Front side	DH5	39/2441	77.03%	1.298	0.001	0.02	7.62	8.00	1.091	0.001	22.9
Back side	DH5	39/2441	77.03%	1.298	0.006	0.09	7.62	8.00	1.091	0.008	22.9
Hotspot Test data (Separate 10mm)											
Front side	DH5	39/2441	77.03%	1.298	0.001	0.02	7.62	8.00	1.091	0.001	22.9
Back side	DH5	39/2441	77.03%	1.298	0.006	0.09	7.62	8.00	1.091	0.008	22.9
Left side	DH5	39/2441	77.03%	1.298	0.002	-0.04	7.62	8.00	1.091	0.003	22.9
Right side	DH5	39/2441	77.03%	1.298	0.001	0.11	7.62	8.00	1.091	0.001	22.9
Top side	DH5	39/2441	77.03%	1.298	0.001	0.03	7.62	8.00	1.091	0.001	22.9



8.3.22 SAR Result of NFC

Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 10-g	Power drift (dB)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(℃)
NFC Test data (Separate 0mm)									
Front side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.7
Back side	NFC	13.56MHz	100.00%	1.000	0.007	0.16	1.000	0.007	22.7
Left side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.7
Right side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.7
Top side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.7
Bottom side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.7

8.4 Multiple Transmitter Evaluation

8.4.1 Simultaneous SAR test evaluation

No.	Simultaneous Tx Combination	Head	Body-worn	Hotspot	Product Specific 10-g (0mm)
1	WWAN + WLAN 2.4GHz	Yes	Yes	Yes	Yes
2	WWAN + WLAN 5GHz	Yes	Yes	Yes	Yes
3	WWAN + BT	Yes	Yes	Yes	Yes
4	WWAN + WLAN 5GHz + BT	Yes	Yes	Yes	Yes
5	WWAN + WLAN 2.4GHz+NFC	/	/	/	Yes
6	WWAN + WLAN 5GHz+NFC	/	/	/	Yes
7	WWAN + BT+NFC	/	/	/	Yes
8	WWAN + WLAN 5GHz + BT+NFC	/	/	/	Yes

8.4.2 Simultaneous Transmission SAR Summation Scenario

Head:

Test position		SARmax (W/kg)				Summed SAR			
		Main	WiFi 2.4G	WiFi 5G	BT				
		1	2	3	4	1+2	1+3	1+4	1+3+4
GSM850	Left cheek	0.657	0.210	0.248	0.076	0.867	0.905	0.733	0.981
	Left tilted	0.585	0.145	0.318	0.052	0.730	0.903	0.637	0.955
	Right cheek	0.972	0.074	0.185	0.001	1.046	1.157	0.973	1.158
	Right tilted	0.711	0.060	0.206	0.034	0.771	0.917	0.745	0.951
GSM1900	Left cheek	1.158	0.210	0.248	0.076	1.368	1.406	1.234	1.482
	Left tilted	0.490	0.145	0.318	0.052	0.635	0.808	0.542	0.860
	Right cheek	0.501	0.074	0.185	0.001	0.575	0.686	0.502	0.687
	Right tilted	0.442	0.060	0.206	0.034	0.502	0.648	0.476	0.682
WCDMA B2	Left cheek	1.165	0.210	0.248	0.076	1.375	1.413	1.241	1.489
	Left tilted	0.500	0.145	0.318	0.052	0.645	0.818	0.552	0.870
	Right cheek	0.533	0.074	0.185	0.001	0.607	0.718	0.534	0.719
	Right tilted	0.453	0.060	0.206	0.034	0.513	0.659	0.487	0.693
WCDMA B5	Left cheek	0.749	0.210	0.248	0.076	0.959	0.997	0.825	1.073
	Left tilted	0.715	0.145	0.318	0.052	0.860	1.033	0.767	1.085
	Right cheek	1.162	0.074	0.185	0.001	1.236	1.347	1.163	1.348
	Right tilted	0.798	0.060	0.206	0.034	0.858	1.004	0.832	1.038
LTE Band 2	Left cheek	0.880	0.210	0.248	0.076	1.090	1.128	0.956	1.204
	Left tilted	0.309	0.145	0.318	0.052	0.454	0.627	0.361	0.679
	Right cheek	0.296	0.074	0.185	0.001	0.370	0.481	0.297	0.482
	Right tilted	0.294	0.060	0.206	0.034	0.354	0.500	0.328	0.534
LTE Band 4	Left cheek	0.979	0.210	0.248	0.076	1.189	1.227	1.055	1.303
	Left tilted	0.339	0.145	0.318	0.052	0.484	0.657	0.391	0.709
	Right cheek	0.403	0.074	0.185	0.001	0.477	0.588	0.404	0.589
	Right tilted	0.338	0.060	0.206	0.034	0.398	0.544	0.372	0.578
LTE Band 5	Left cheek	0.698	0.210	0.248	0.076	0.908	0.946	0.774	1.022
	Left tilted	0.571	0.145	0.318	0.052	0.716	0.889	0.623	0.941
	Right cheek	0.965	0.074	0.185	0.001	1.039	1.150	0.966	1.151
	Right tilted	0.795	0.060	0.206	0.034	0.855	1.001	0.829	1.035
LTE Band 7	Left cheek	0.362	0.210	0.248	0.076	0.572	0.610	0.438	0.686
	Left tilted	0.185	0.145	0.318	0.052	0.330	0.503	0.237	0.555
	Right cheek	0.982	0.074	0.185	0.001	1.056	1.167	0.983	1.168
	Right tilted	0.292	0.060	0.206	0.034	0.352	0.498	0.326	0.532
LTE Band 12(17)	Left cheek	0.652	0.210	0.248	0.076	0.862	0.900	0.728	0.976
	Left tilted	0.519	0.145	0.318	0.052	0.664	0.837	0.571	0.889
	Right cheek	1.029	0.074	0.185	0.001	1.103	1.214	1.030	1.215
	Right tilted	0.795	0.060	0.206	0.034	0.855	1.001	0.829	1.035
LTE Band 13	Left cheek	0.740	0.210	0.248	0.076	0.950	0.988	0.816	1.064
	Left tilted	0.711	0.145	0.318	0.052	0.856	1.029	0.763	1.081
	Right cheek	0.954	0.074	0.185	0.001	1.028	1.139	0.955	1.140
	Right tilted	0.788	0.060	0.206	0.034	0.848	0.994	0.822	1.028
LTE Band 48	Left cheek	1.162	0.210	0.248	0.076	1.372	1.410	1.238	1.486
	Left tilted	0.692	0.145	0.318	0.052	0.837	1.010	0.744	1.062
	Right cheek	0.412	0.074	0.185	0.001	0.486	0.597	0.413	0.598
	Right tilted	0.361	0.060	0.206	0.034	0.421	0.567	0.395	0.601
LTE Band 66	Left cheek	0.930	0.210	0.248	0.076	1.140	1.178	1.006	1.254
	Left tilted	0.368	0.145	0.318	0.052	0.513	0.686	0.420	0.738
	Right cheek	0.408	0.074	0.185	0.001	0.482	0.593	0.409	0.594
	Right tilted	0.317	0.060	0.206	0.034	0.377	0.523	0.351	0.557
NR Band n2	Left cheek	0.900	0.210	0.248	0.076	1.110	1.148	0.976	1.224

	Left tilted	0.363	0.145	0.318	0.052	0.508	0.681	0.415	0.733
	Right cheek	0.358	0.074	0.185	0.001	0.432	0.543	0.359	0.544
	Right tilted	0.317	0.060	0.206	0.034	0.377	0.523	0.351	0.557
NR Band n5	Left cheek	0.856	0.210	0.248	0.076	1.066	1.104	0.932	1.180
	Left tilted	0.763	0.145	0.318	0.052	0.908	1.081	0.815	1.133
	Right cheek	1.059	0.074	0.185	0.001	1.133	1.244	1.060	1.245
	Right tilted	0.904	0.060	0.206	0.034	0.964	1.110	0.938	1.144
NR Band n48	Left cheek	0.939	0.210	0.248	0.076	1.149	1.187	1.015	1.263
	Left tilted	0.740	0.145	0.318	0.052	0.885	1.058	0.792	1.110
	Right cheek	0.289	0.074	0.185	0.001	0.363	0.474	0.290	0.475
	Right tilted	0.258	0.060	0.206	0.034	0.318	0.464	0.292	0.498
NR Band n66	Left cheek	0.796	0.210	0.248	0.076	1.006	1.044	0.872	1.120
	Left tilted	0.318	0.145	0.318	0.052	0.463	0.636	0.370	0.688
	Right cheek	0.343	0.074	0.185	0.001	0.417	0.528	0.344	0.529
	Right tilted	0.288	0.060	0.206	0.034	0.348	0.494	0.322	0.528
NR Band n77_PC2(78)	Left cheek	0.796	0.210	0.248	0.076	1.006	1.044	0.872	1.120
	Left tilted	0.402	0.145	0.318	0.052	0.547	0.720	0.454	0.772
	Right cheek	0.227	0.074	0.185	0.001	0.301	0.412	0.228	0.413
	Right tilted	0.205	0.060	0.206	0.034	0.265	0.411	0.239	0.445

Test position		SARmax (W/kg)				Summed SAR			
		Inter-band UL CA	WiFi 2.4G	WiFi 5G	BT				
		1	2	3	4	1+2	1+3	1+4	1+3+4
CA_2A-4A	Left cheek	0.616	0.210	0.248	0.076	0.826	0.864	0.692	0.940
	Left tilted	0.227	0.145	0.318	0.052	0.372	0.545	0.279	0.597
	Right cheek	0.188	0.074	0.185	0.001	0.262	0.373	0.189	0.374
	Right tilted	0.187	0.060	0.206	0.034	0.247	0.393	0.221	0.427
CA_2A-5A	Left cheek	1.109	0.210	0.248	0.076	1.319	1.357	1.185	1.433
	Left tilted	0.649	0.145	0.318	0.052	0.794	0.967	0.701	1.019
	Right cheek	0.953	0.074	0.185	0.001	1.027	1.138	0.954	1.139
	Right tilted	0.817	0.060	0.206	0.034	0.877	1.023	0.851	1.057
CA_2A-13A	Left cheek	1.022	0.210	0.248	0.076	1.232	1.270	1.098	1.346
	Left tilted	0.644	0.145	0.318	0.052	0.789	0.962	0.696	1.014
	Right cheek	0.789	0.074	0.185	0.001	0.863	0.974	0.790	0.975
	Right tilted	0.683	0.060	0.206	0.034	0.743	0.889	0.717	0.923
CA_2A-66A	Left cheek	0.622	0.210	0.248	0.076	0.832	0.870	0.698	0.946
	Left tilted	0.234	0.145	0.318	0.052	0.379	0.552	0.286	0.604
	Right cheek	0.188	0.074	0.185	0.001	0.262	0.373	0.189	0.374
	Right tilted	0.187	0.060	0.206	0.034	0.247	0.393	0.221	0.427
CA_4A-5A	Left cheek	0.943	0.210	0.248	0.076	1.153	1.191	1.019	1.267
	Left tilted	0.589	0.145	0.318	0.052	0.734	0.907	0.641	0.959
	Right cheek	0.926	0.074	0.185	0.001	1.000	1.111	0.927	1.112
	Right tilted	0.766	0.060	0.206	0.034	0.826	0.972	0.800	1.006
CA_4A-13A	Left cheek	0.856	0.210	0.248	0.076	1.066	1.104	0.932	1.180
	Left tilted	0.584	0.145	0.318	0.052	0.729	0.902	0.636	0.954
	Right cheek	0.762	0.074	0.185	0.001	0.836	0.947	0.763	0.948
	Right tilted	0.632	0.060	0.206	0.034	0.692	0.838	0.666	0.872
CA_5A-66A	Left cheek	1.020	0.210	0.248	0.076	1.230	1.268	1.096	1.344
	Left tilted	0.638	0.145	0.318	0.052	0.783	0.956	0.690	1.008
	Right cheek	0.970	0.074	0.185	0.001	1.044	1.155	0.971	1.156
	Right tilted	0.790	0.060	0.206	0.034	0.850	0.996	0.824	1.030
CA_13A-66A	Left cheek	0.933	0.210	0.248	0.076	1.143	1.181	1.009	1.257
	Left tilted	0.633	0.145	0.318	0.052	0.778	0.951	0.685	1.003
	Right cheek	0.806	0.074	0.185	0.001	0.880	0.991	0.807	0.992
	Right tilted	0.656	0.060	0.206	0.034	0.716	0.862	0.690	0.896

Test position		SARmax (W/kg)				Summed SAR			
		EN-DC Max SAR	WiFi 2.4G	WiFi 5G	BT				
		1	2	3	4	1+2	1+3	1+4	1+3+4
DC_2A-n5A	Left cheek	0.988	0.210	0.248	0.076	1.198	1.236	1.064	1.312
	Left tilted	0.577	0.145	0.318	0.052	0.722	0.895	0.629	0.947
	Right cheek	0.718	0.074	0.185	0.001	0.792	0.903	0.719	0.904
	Right tilted	0.651	0.060	0.206	0.034	0.711	0.857	0.685	0.891
DC_2A-n66A	Left cheek	0.616	0.210	0.248	0.076	0.826	0.864	0.692	0.940
	Left tilted	0.196	0.145	0.318	0.052	0.341	0.514	0.248	0.566
	Right cheek	0.188	0.074	0.185	0.001	0.262	0.373	0.189	0.374
	Right tilted	0.187	0.060	0.206	0.034	0.247	0.393	0.221	0.427
DC_2A-n77A	Left cheek	0.641	0.210	0.248	0.076	0.851	0.889	0.717	0.965
	Left tilted	0.309	0.145	0.318	0.052	0.454	0.627	0.361	0.679
	Right cheek	0.252	0.074	0.185	0.001	0.326	0.437	0.253	0.438
	Right tilted	0.210	0.060	0.206	0.034	0.270	0.416	0.244	0.450
DC_5A-n2A	Left cheek	1.177	0.210	0.248	0.076	1.387	1.425	1.253	1.501
	Left tilted	0.683	0.145	0.318	0.052	0.828	1.001	0.735	1.053
	Right cheek	0.992	0.074	0.185	0.001	1.066	1.177	0.993	1.178
	Right tilted	0.831	0.060	0.206	0.034	0.891	1.037	0.865	1.071
DC_5A-n66A	Left cheek	1.056	0.210	0.248	0.076	1.266	1.304	1.132	1.380
	Left tilted	0.655	0.145	0.318	0.052	0.800	0.973	0.707	1.025
	Right cheek	0.982	0.074	0.185	0.001	1.056	1.167	0.983	1.168
	Right tilted	0.813	0.060	0.206	0.034	0.873	1.019	0.847	1.053
DC_5A-n77A	Left cheek	1.056	0.210	0.248	0.076	1.266	1.304	1.132	1.380
	Left tilted	0.707	0.145	0.318	0.052	0.852	1.025	0.759	1.077
	Right cheek	0.909	0.074	0.185	0.001	0.983	1.094	0.910	1.095
	Right tilted	0.761	0.060	0.206	0.034	0.821	0.967	0.795	1.001
DC_5A-n78A	Left cheek	1.056	0.210	0.248	0.076	1.266	1.304	1.132	1.380
	Left tilted	0.707	0.145	0.318	0.052	0.852	1.025	0.759	1.077
	Right cheek	0.909	0.074	0.185	0.001	0.983	1.094	0.910	1.095
	Right tilted	0.761	0.060	0.206	0.034	0.821	0.967	0.795	1.001
DC_7A-n66A	Left cheek	0.684	0.210	0.248	0.076	0.894	0.932	0.760	1.008
	Left tilted	0.294	0.145	0.318	0.052	0.439	0.612	0.346	0.664
	Right cheek	0.708	0.074	0.185	0.001	0.782	0.893	0.709	0.894
	Right tilted	0.328	0.060	0.206	0.034	0.388	0.534	0.362	0.568
DC_7A-n77A	Left cheek	0.684	0.210	0.248	0.076	0.894	0.932	0.760	1.008
	Left tilted	0.346	0.145	0.318	0.052	0.491	0.664	0.398	0.716
	Right cheek	0.635	0.074	0.185	0.001	0.709	0.820	0.636	0.821
	Right tilted	0.276	0.060	0.206	0.034	0.336	0.482	0.310	0.516
DC_7A-n78A	Left cheek	0.684	0.210	0.248	0.076	0.894	0.932	0.760	1.008
	Left tilted	0.346	0.145	0.318	0.052	0.491	0.664	0.398	0.716
	Right cheek	0.635	0.074	0.185	0.001	0.709	0.820	0.636	0.821
	Right tilted	0.276	0.060	0.206	0.034	0.336	0.482	0.310	0.516
DC_13A-n2A	Left cheek	1.090	0.210	0.248	0.076	1.300	1.338	1.166	1.414
	Left tilted	0.678	0.145	0.318	0.052	0.823	0.996	0.730	1.048
	Right cheek	0.828	0.074	0.185	0.001	0.902	1.013	0.829	1.014
	Right tilted	0.697	0.060	0.206	0.034	0.757	0.903	0.731	0.937
DC_13A-n66A	Left cheek	0.969	0.210	0.248	0.076	1.179	1.217	1.045	1.293
	Left tilted	0.650	0.145	0.318	0.052	0.795	0.968	0.702	1.020
	Right cheek	0.818	0.074	0.185	0.001	0.892	1.003	0.819	1.004
	Right tilted	0.679	0.060	0.206	0.034	0.739	0.885	0.713	0.919
DC_13A-n77A	Left cheek	0.969	0.210	0.248	0.076	1.179	1.217	1.045	1.293
	Left tilted	0.702	0.145	0.318	0.052	0.847	1.020	0.754	1.072
	Right cheek	0.745	0.074	0.185	0.001	0.819	0.930	0.746	0.931
	Right tilted	0.627	0.060	0.206	0.034	0.687	0.833	0.661	0.867
DC_48A-n5A	Left cheek	1.166	0.210	0.248	0.076	1.376	1.414	1.242	1.490

	Left tilted	0.819	0.145	0.318	0.052	0.964	1.137	0.871	1.189
	Right cheek	0.791	0.074	0.185	0.001	0.865	0.976	0.792	0.977
	Right tilted	0.693	0.060	0.206	0.034	0.753	0.899	0.727	0.933
DC_66A-n2A	Left cheek	0.690	0.210	0.248	0.076	0.900	0.938	0.766	1.014
	Left tilted	0.268	0.145	0.318	0.052	0.413	0.586	0.320	0.638
	Right cheek	0.227	0.074	0.185	0.001	0.301	0.412	0.228	0.413
	Right tilted	0.201	0.060	0.206	0.034	0.261	0.407	0.235	0.441
DC_66A-n5A	Left cheek	0.899	0.210	0.248	0.076	1.109	1.147	0.975	1.223
	Left tilted	0.566	0.145	0.318	0.052	0.711	0.884	0.618	0.936
	Right cheek	0.735	0.074	0.185	0.001	0.809	0.920	0.736	0.921
	Right tilted	0.624	0.060	0.206	0.034	0.684	0.830	0.658	0.864
DC_66A-n77A	Left cheek	0.569	0.210	0.248	0.076	0.779	0.817	0.645	0.893
	Left tilted	0.292	0.145	0.318	0.052	0.437	0.610	0.344	0.662
	Right cheek	0.144	0.074	0.185	0.001	0.218	0.329	0.145	0.330
	Right tilted	0.131	0.060	0.206	0.034	0.191	0.337	0.165	0.371

LTE Band ULCA	Exposure position	Ant.2	LTE B4	Inter-band CA Summed SAR
			Ant.1	
		1	2	1+2
LTE B2	Left cheek	0.555	0.061	0.616
	Left tilted	0.195	0.032	0.227
	Right cheek	0.187	0.001	0.188
	Right tilted	0.186	0.001	0.187

LTE Band ULCA	Exposure position	Ant.2	LTE B5	Inter-band CA Summed SAR
			Ant.0	
		1	2	1+2
LTE B2	Left cheek	0.555	0.554	1.109
	Left tilted	0.195	0.454	0.649
	Right cheek	0.187	0.766	0.953
	Right tilted	0.186	0.631	0.817
LTE B4	Left cheek	0.389	0.554	0.943
	Left tilted	0.135	0.454	0.589
	Right cheek	0.160	0.766	0.926
	Right tilted	0.135	0.631	0.766

LTE Band ULCA	Exposure position	Ant.2	LTE B13	Inter-band CA Summed SAR
			Ant.0	
		1	2	1+2
LTE B2	Left cheek	0.555	0.467	1.022
	Left tilted	0.195	0.449	0.644
	Right cheek	0.187	0.602	0.789
	Right tilted	0.186	0.497	0.683
LTE B4	Left cheek	0.389	0.467	0.856
	Left tilted	0.135	0.449	0.584
	Right cheek	0.160	0.602	0.762
	Right tilted	0.135	0.497	0.632

LTE Band ULCA	Exposure position	Ant.0	Ant.2	LTE B66		Inter-band CA Summed SAR	
				Ant.1	Ant.2		
		1	2	3	4	1+4	2+3
LTE B2	Left cheek	/	0.555	0.067	/	/	0.622
	Left tilted	/	0.195	0.039	/	/	0.234
	Right cheek	/	0.187	0.001	/	/	0.188
	Right tilted	/	0.186	0.001	/	/	0.187
LTE B5	Left cheek	0.554	/	/	0.466	1.020	/
	Left tilted	0.454	/	/	0.184	0.638	/
	Right cheek	0.766	/	/	0.204	0.970	/
	Right tilted	0.631	/	/	0.159	0.790	/
LTE B13	Left cheek	0.467	/	/	0.466	0.933	/
	Left tilted	0.449	/	/	0.184	0.633	/
	Right cheek	0.602	/	/	0.204	0.806	/
	Right tilted	0.497	/	/	0.159	0.656	/

LTE Band (EN_DC)	Exposure position	Ant.2	n5	EN_DC Summed SAR
		1	Ant.0	
			2	1+2
Band 2	Left cheek	0.555	0.433	0.988
	Left tilted	0.195	0.382	0.577
	Right cheek	0.187	0.531	0.718
	Right tilted	0.186	0.465	0.651
Band 48	Left cheek	0.733	0.433	1.166
	Left tilted	0.437	0.382	0.819
	Right cheek	0.260	0.531	0.791
	Right tilted	0.228	0.465	0.693
Band 66	Left cheek	0.466	0.433	0.899
	Left tilted	0.184	0.382	0.566
	Right cheek	0.204	0.531	0.735
	Right tilted	0.159	0.465	0.624

LTE Band (EN_DC)	Exposure position	Ant.0	Ant.2	Ant4	n66		EN_DC Summed SAR		
		1	2	3	Ant.1	Ant.2	1+5	2+4	3+5
					4	5			
Band 2	Left cheek	/	0.555	/	0.061	0.502	/	1.057	/
	Left tilted	/	0.195	/	0.001	0.201	/	0.396	/
	Right cheek	/	0.187	/	0.001	0.216	/	0.403	/
	Right tilted	/	0.186	/	0.001	0.182	/	0.368	/
Band 5	Left cheek	0.554	/	/	0.061	0.502	1.056	/	/
	Left tilted	0.454	/	/	0.001	0.201	0.655	/	/
	Right cheek	0.766	/	/	0.001	0.216	0.982	/	/
	Right tilted	0.631	/	/	0.001	0.182	0.813	/	/
Band 7	Left cheek	/	/	0.182	0.061	0.502	/	/	0.684
	Left tilted	/	/	0.093	0.001	0.201	/	/	0.294
	Right cheek	/	/	0.492	0.001	0.216	/	/	0.708
	Right tilted	/	/	0.146	0.001	0.182	/	/	0.328
Band 13	Left cheek	0.467	/	/	0.061	0.502	0.969	/	/
	Left tilted	0.449	/	/	0.001	0.201	0.650	/	/
	Right cheek	0.602	/	/	0.001	0.216	0.818	/	/
	Right tilted	0.497	/	/	0.001	0.182	0.679	/	/

LTE Band (EN_DC)	Exposure position	Ant.0	Ant.1	Ant.4	n77	EN_DC Summed SAR		
		1	2	3	Ant.2			
		1	2	3	4	1+4	2+4	3+4
Band 2	Left cheek	/	0.139	/	0.502	/	0.641	/
	Left tilted	/	0.056	/	0.253	/	0.309	/
	Right cheek	/	0.109	/	0.143	/	0.252	/
	Right tilted	/	0.080	/	0.130	/	0.210	/
Band 5	Left cheek	0.554	/	/	0.502	1.056	/	/
	Left tilted	0.454	/	/	0.253	0.707	/	/
	Right cheek	0.766	/	/	0.143	0.909	/	/
	Right tilted	0.631	/	/	0.130	0.761	/	/
Band 7	Left cheek	/	/	0.182	0.502	/	/	0.684
	Left tilted	/	/	0.093	0.253	/	/	0.346
	Right cheek	/	/	0.492	0.143	/	/	0.635
	Right tilted	/	/	0.146	0.130	/	/	0.276
Band 13	Left cheek	0.467	/	/	0.502	0.969	/	/
	Left tilted	0.449	/	/	0.253	0.702	/	/
	Right cheek	0.602	/	/	0.143	0.745	/	/
	Right tilted	0.497	/	/	0.130	0.627	/	/
Band 66	Left cheek	/	0.067	/	0.502	/	0.569	/
	Left tilted	/	0.039	/	0.253	/	0.292	/
	Right cheek	/	0.001	/	0.143	/	0.144	/
	Right tilted	/	0.001	/	0.130	/	0.131	/

LTE Band (EN_DC)	Exposure position	Ant.0	Ant.1	n2	EN_DC Summed SAR	
		1	2	Ant.2		
		1	2	3	1+3	2+3
Band 5	Left cheek	0.554	/	0.623	1.177	/
	Left tilted	0.454	/	0.229	0.683	/
	Right cheek	0.766	/	0.226	0.992	/
	Right tilted	0.631	/	0.200	0.831	/
Band 13	Left cheek	0.467	/	0.623	1.090	/
	Left tilted	0.449	/	0.229	0.678	/
	Right cheek	0.602	/	0.226	0.828	/
	Right tilted	0.497	/	0.200	0.697	/
Band 66	Left cheek	/	0.067	0.623	/	0.690
	Left tilted	/	0.039	0.229	/	0.268
	Right cheek	/	0.001	0.226	/	0.227
	Right tilted	/	0.001	0.200	/	0.201