

10.3.4 SAR Result of WCDMA Band IV

WCDMA Band IV SAR Test Record										
Ant 0 Test Record										
Test position	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 SET_1										
Left cheek	RMC	1412/1732.4	1:1	0.488	0.12	17.94	19.00	1.276	0.623	22.4
Left tilted	RMC	1412/1732.4	1:1	0.522	0.05	17.94	19.00	1.276	0.666	22.4
Right cheek	RMC	1412/1732.4	1:1	0.838	0.01	17.94	19.00	1.276	1.069	22.4
Right cheek-repeated	RMC	1412/1732.4	1:1	0.832	0.06	17.94	19.00	1.276	1.062	22.4
Right cheek	RMC	1312/1712.4	1:1	0.803	0.13	17.85	19.00	1.303	1.046	22.4
Right cheek	RMC	1513/1752.6	1:1	0.789	-0.14	17.83	19.00	1.309	1.033	22.4
Right tilted	RMC	1412/1732.4	1:1	0.676	-0.12	17.94	19.00	1.276	0.863	22.4
Right tilted	RMC	1312/1712.4	1:1	0.647	-0.19	17.85	19.00	1.303	0.843	22.4
Right tilted	RMC	1513/1752.6	1:1	0.642	0.17	17.83	19.00	1.309	0.840	22.4
Body worn Test data(Separate 15mm) SET_2										
Front side	RMC	1412/1732.4	1:1	0.263	-0.19	20.53	22.00	1.403	0.369	22.4
Back side	RMC	1412/1732.4	1:1	0.409	0.04	20.53	22.00	1.403	0.574	22.4
Hotspot Test data(Separate 10mm) SET_3										
Front side	RMC	1412/1732.4	1:1	0.351	0.16	19.88	21.00	1.294	0.454	22.4
Back side	RMC	1412/1732.4	1:1	0.668	0.01	19.88	21.00	1.294	0.864	22.4
Back side	RMC	1312/1712.4	1:1	0.611	-0.07	19.72	21.00	1.343	0.821	22.4
Back side	RMC	1513/1752.6	1:1	0.648	-0.10	19.82	21.00	1.312	0.850	22.4
Left side	RMC	1412/1732.4	1:1	0.182	0.09	19.88	21.00	1.294	0.236	22.4
Top side	RMC	1412/1732.4	1:1	0.718	0.03	19.88	21.00	1.294	0.929	22.4
Top side	RMC	1312/1712.4	1:1	0.652	0.06	19.72	21.00	1.343	0.876	22.4
Top side	RMC	1513/1752.6	1:1	0.685	-0.05	19.82	21.00	1.312	0.899	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	3 rd Repeated
Right cheek	1412/1732.4	0.838	0.832	1.007	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.					

10.3.5 SAR Result of WCDMA Band V

WCDMA Band V SAR Test Record										
Ant 2 Test Record										
Test position	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 SET_1										
Left cheek	RMC	4182/836.4	1:1	0.083	0.17	21.67	22.50	1.211	0.101	22.3
Left tilted	RMC	4182/836.4	1:1	0.043	0.13	21.67	22.50	1.211	0.052	22.3
Right cheek	RMC	4182/836.4	1:1	0.116	0.02	21.67	22.50	1.211	0.140	22.3
Right tilted	RMC	4182/836.4	1:1	0.058	0.16	21.67	22.50	1.211	0.070	22.3
Body worn Test data(Separate 15mm) SET_2										
Front side	RMC	4182/836.4	1:1	0.125	-0.16	21.67	22.50	1.211	0.151	22.3
Back side	RMC	4182/836.4	1:1	0.252	0.16	21.67	22.50	1.211	0.305	22.3
Hotspot Test data(Separate 10mm) SET_3										
Front side	RMC	4182/836.4	1:1	0.243	0.18	21.67	22.50	1.211	0.294	22.3
Back side	RMC	4182/836.4	1:1	0.518	0.04	21.67	22.50	1.211	0.627	22.3
Right side	RMC	4182/836.4	1:1	0.319	-0.07	21.67	22.50	1.211	0.386	22.3
Bottom side	RMC	4182/836.4	1:1	0.241	-0.11	21.67	22.50	1.211	0.292	22.3

10.3.6 SAR Result of LTE Band 2

LTE Band 2 SAR Test Record											
Ant 3 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	18900/1880	1:1	0.138	0.06	22.91	24.00	1.285	0.177	22.3
Left tilted	20	QPSK 1_0	18900/1880	1:1	0.096	0.09	22.91	24.00	1.285	0.123	22.3
Right cheek	20	QPSK 1_0	18900/1880	1:1	0.122	-0.07	22.91	24.00	1.285	0.157	22.3
Right tilted	20	QPSK 1_0	18900/1880	1:1	0.075	0.18	22.91	24.00	1.285	0.096	22.3
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	18900/1880	1:1	0.132	0.11	21.95	23.00	1.274	0.168	22.3
Left tilted	20	QPSK 50_0	18900/1880	1:1	0.092	-0.19	21.95	23.00	1.274	0.117	22.3
Right cheek	20	QPSK 50_0	18900/1880	1:1	0.121	0.05	21.95	23.00	1.274	0.154	22.3
Right tilted	20	QPSK 50_0	18900/1880	1:1	0.068	-0.15	21.95	23.00	1.274	0.087	22.3
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	18900/1880	1:1	0.110	0.02	18.86	20.00	1.300	0.143	22.3
Back side	20	QPSK 1_0	18900/1880	1:1	0.207	0.07	18.86	20.00	1.300	0.269	22.3
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	18900/1880	1:1	0.105	0.01	18.76	20.00	1.330	0.140	22.3
Back side	20	QPSK 50_0	18900/1880	1:1	0.178	-0.07	18.76	20.00	1.330	0.237	22.3
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	18900/1880	1:1	0.126	-0.13	16.86	18.00	1.300	0.164	22.3
Back side	20	QPSK 1_0	18900/1880	1:1	0.255	-0.01	16.86	18.00	1.300	0.332	22.3
Left side	20	QPSK 1_0	18900/1880	1:1	0.065	0.02	16.86	18.00	1.300	0.085	22.3
Bottom side	20	QPSK 1_0	18900/1880	1:1	0.243	0.07	16.86	18.00	1.300	0.316	22.3
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	18900/1880	1:1	0.093	-0.04	16.75	18.00	1.334	0.124	22.3
Back side	20	QPSK 50_0	18900/1880	1:1	0.218	-0.06	16.75	18.00	1.334	0.291	22.3
Left side	20	QPSK 50_0	18900/1880	1:1	0.057	-0.13	16.75	18.00	1.334	0.076	22.3
Bottom side	20	QPSK 50_0	18900/1880	1:1	0.202	0.03	16.75	18.00	1.334	0.269	22.3

10.3.7 SAR Result of LTE Band 7

LTE Band 7 SAR Test Record											
Ant 7 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	0.153	0.17	14.80	15.50	1.175	0.180	22.4
Left tilted	20	QPSK 1_0	21100/2535	1:1	0.105	-0.10	14.80	15.50	1.175	0.123	22.4
Right cheek	20	QPSK 1_0	21100/2535	1:1	0.437	-0.07	14.80	15.50	1.175	0.513	22.4
Right tilted	20	QPSK 1_0	21100/2535	1:1	0.210	-0.11	14.80	15.50	1.175	0.247	22.4
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	21100/2535	1:1	0.150	-0.18	14.71	15.50	1.199	0.180	22.4
Left tilted	20	QPSK 50_0	21100/2535	1:1	0.102	0.09	14.71	15.50	1.199	0.122	22.4
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.439	0.08	14.71	15.50	1.199	0.526	22.4
Right tilted	20	QPSK 50_0	21100/2535	1:1	0.198	-0.07	14.71	15.50	1.199	0.237	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	21100/2535	1:1	0.173	-0.12	18.66	19.50	1.213	0.210	22.4
Back side	20	QPSK 1_0	21100/2535	1:1	0.365	0.10	18.66	19.50	1.213	0.443	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	21100/2535	1:1	0.164	-0.05	18.52	19.50	1.253	0.205	22.4
Back side	20	QPSK 50_0	21100/2535	1:1	0.356	0.03	18.52	19.50	1.253	0.446	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	21100/2535	1:1	0.268	0.13	17.66	18.50	1.213	0.325	22.4
Back side	20	QPSK 1_0	21100/2535	1:1	0.628	-0.01	17.66	18.50	1.213	0.762	22.4
Left side	20	QPSK 1_0	21100/2535	1:1	0.041	0.11	17.66	18.50	1.213	0.050	22.4
Top side	20	QPSK 1_0	21100/2535	1:1	0.170	-0.08	17.66	18.50	1.213	0.206	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	21100/2535	1:1	0.246	0.09	17.48	18.50	1.265	0.311	22.4
Back side	20	QPSK 50_0	21100/2535	1:1	0.531	0.09	17.48	18.50	1.265	0.672	22.4
Left side	20	QPSK 50_0	21100/2535	1:1	0.037	-0.16	17.48	18.50	1.265	0.047	22.4
Top side	20	QPSK 50_0	21100/2535	1:1	0.169	0.08	17.48	18.50	1.265	0.214	22.4
Ant 3 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	0.146	0.03	22.66	23.50	1.213	0.177	22.4
Left tilted	20	QPSK 1_0	21100/2535	1:1	0.068	-0.13	22.66	23.50	1.213	0.082	22.4
Right cheek	20	QPSK 1_0	21100/2535	1:1	0.108	-0.10	22.66	23.50	1.213	0.131	22.4
Right tilted	20	QPSK 1_0	21100/2535	1:1	0.046	0.03	22.66	23.50	1.213	0.056	22.4
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	21100/2535	1:1	0.130	0.01	21.63	22.50	1.222	0.159	22.4
Left tilted	20	QPSK 50_0	21100/2535	1:1	0.051	0.14	21.63	22.50	1.222	0.062	22.4
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.084	0.14	21.63	22.50	1.222	0.103	22.4
Right tilted	20	QPSK 50_0	21100/2535	1:1	0.030	-0.05	21.63	22.50	1.222	0.037	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	21100/2535	1:1	0.079	0.16	16.67	17.50	1.211	0.096	22.4
Back side	20	QPSK 1_0	21100/2535	1:1	0.155	-0.03	16.67	17.50	1.211	0.188	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	21100/2535	1:1	0.086	0.07	16.64	17.50	1.219	0.105	22.4
Back side	20	QPSK 50_0	21100/2535	1:1	0.151	-0.11	16.64	17.50	1.219	0.184	22.4



Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	21100/2535	1:1	0.095	-0.15	15.68	16.50	1.208	0.115	22.4
Back side	20	QPSK 1_0	21100/2535	1:1	0.212	-0.07	15.68	16.50	1.208	0.256	22.4
Left side	20	QPSK 1_0	21100/2535	1:1	0.043	0.06	15.68	16.50	1.208	0.052	22.4
Bottom side	20	QPSK 1_0	21100/2535	1:1	0.237	0.04	15.68	16.50	1.208	0.286	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	21100/2535	1:1	0.099	-0.19	15.64	16.50	1.219	0.121	22.4
Back side	20	QPSK 50_0	21100/2535	1:1	0.191	0.07	15.64	16.50	1.219	0.233	22.4
Left side	20	QPSK 50_0	21100/2535	1:1	0.046	0.14	15.64	16.50	1.219	0.056	22.4
Bottom side	20	QPSK 50_0	21100/2535	1:1	0.212	0.14	15.64	16.50	1.219	0.258	22.4

10.3.8 SAR Result of LTE Band 12

LTE Band 12 SAR Test Record											
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	10	QPSK 1_0	23095/707.5	1:1	0.094	-0.16	23.18	24.00	1.208	0.114	22.2
Left tilted	10	QPSK 1_0	23095/707.5	1:1	0.026	-0.12	23.18	24.00	1.208	0.031	22.2
Right cheek	10	QPSK 1_0	23095/707.5	1:1	0.114	0.06	23.18	24.00	1.208	0.138	22.2
Right tilted	10	QPSK 1_0	23095/707.5	1:1	0.069	-0.11	23.18	24.00	1.208	0.083	22.2
Head Test Data (50%RB) SET_1											
Left cheek	10	QPSK 25_0	23095/707.5	1:1	0.086	0.02	22.09	23.00	1.233	0.106	22.2
Left tilted	10	QPSK 25_0	23095/707.5	1:1	0.019	0.01	22.09	23.00	1.233	0.023	22.2
Right cheek	10	QPSK 25_0	23095/707.5	1:1	0.095	0.09	22.09	23.00	1.233	0.117	22.2
Right tilted	10	QPSK 25_0	23095/707.5	1:1	0.058	0.19	22.09	23.00	1.233	0.072	22.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	10	QPSK 1_0	23095/707.5	1:1	0.142	0.05	23.18	24.00	1.208	0.172	22.2
Back side	10	QPSK 1_0	23095/707.5	1:1	0.218	0.01	23.18	24.00	1.208	0.263	22.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	10	QPSK 25_0	23095/707.5	1:1	0.117	0.17	22.09	23.00	1.233	0.144	22.2
Back side	10	QPSK 25_0	23095/707.5	1:1	0.178	-0.15	22.09	23.00	1.233	0.219	22.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	10	QPSK 1_0	23095/707.5	1:1	0.155	-0.02	23.18	24.00	1.208	0.187	22.2
Back side	10	QPSK 1_0	23095/707.5	1:1	0.247	0.05	23.18	24.00	1.208	0.298	22.2
Right side	10	QPSK 1_0	23095/707.5	1:1	0.337	0.04	23.18	24.00	1.208	0.407	22.2
Bottom side	10	QPSK 1_0	23095/707.5	1:1	0.106	-0.13	23.18	24.00	1.208	0.128	22.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	10	QPSK 25_0	23095/707.5	1:1	0.128	0.08	22.09	23.00	1.233	0.158	22.2
Back side	10	QPSK 25_0	23095/707.5	1:1	0.206	0.11	22.09	23.00	1.233	0.254	22.2
Right side	10	QPSK 25_0	23095/707.5	1:1	0.289	-0.18	22.09	23.00	1.233	0.356	22.2
Bottom side	10	QPSK 25_0	23095/707.5	1:1	0.094	0.14	22.09	23.00	1.233	0.116	22.2

10.3.9 SAR Result of LTE Band 13

LTE Band 13 SAR Test Record											
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	10	QPSK 1_0	23230/782	1:1	0.077	0.07	23.27	24.00	1.183	0.091	22.2
Left tilted	10	QPSK 1_0	23230/782	1:1	0.047	-0.04	23.27	24.00	1.183	0.056	22.2
Right cheek	10	QPSK 1_0	23230/782	1:1	0.152	0.03	23.27	24.00	1.183	0.180	22.2
Right tilted	10	QPSK 1_0	23230/782	1:1	0.090	-0.06	23.27	24.00	1.183	0.106	22.2
Head Test Data (50%RB) SET_1											
Left cheek	10	QPSK 25_0	23230/782	1:1	0.070	0.08	22.23	23.00	1.194	0.084	22.2
Left tilted	10	QPSK 25_0	23230/782	1:1	0.040	0.18	22.23	23.00	1.194	0.048	22.2
Right cheek	10	QPSK 25_0	23230/782	1:1	0.113	0.17	22.23	23.00	1.194	0.135	22.2
Right tilted	10	QPSK 25_0	23230/782	1:1	0.067	0.14	22.23	23.00	1.194	0.080	22.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	10	QPSK 1_0	23230/782	1:1	0.147	-0.03	23.27	24.00	1.183	0.174	22.2
Back side	10	QPSK 1_0	23230/782	1:1	0.256	0.05	23.27	24.00	1.183	0.303	22.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	10	QPSK 25_0	23230/782	1:1	0.112	0.14	22.23	23.00	1.194	0.134	22.2
Back side	10	QPSK 25_0	23230/782	1:1	0.198	0.18	22.23	23.00	1.194	0.236	22.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	10	QPSK 1_0	23230/782	1:1	0.281	0.19	23.27	24.00	1.183	0.332	22.2
Back side	10	QPSK 1_0	23230/782	1:1	0.537	0.01	23.27	24.00	1.183	0.635	22.2
Right side	10	QPSK 1_0	23230/782	1:1	0.451	0.11	23.27	24.00	1.183	0.534	22.2
Bottom side	10	QPSK 1_0	23230/782	1:1	0.297	-0.19	23.27	24.00	1.183	0.351	22.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	10	QPSK 25_0	23230/782	1:1	0.222	-0.12	22.23	23.00	1.194	0.265	22.2
Back side	10	QPSK 25_0	23230/782	1:1	0.427	-0.19	22.23	23.00	1.194	0.510	22.2
Right side	10	QPSK 25_0	23230/782	1:1	0.367	-0.08	22.23	23.00	1.194	0.438	22.2
Bottom side	10	QPSK 25_0	23230/782	1:1	0.232	-0.12	22.23	23.00	1.194	0.277	22.2

10.3.10 SAR Result of LTE Band 14

LTE Band 14 SAR Test Record											
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	10	QPSK 1_0	23330/793	1:1	0.102	0.09	22.51	23.50	1.256	0.128	22.2
Left tilted	10	QPSK 1_0	23330/793	1:1	0.057	0.18	22.51	23.50	1.256	0.072	22.2
Right cheek	10	QPSK 1_0	23330/793	1:1	0.139	0.03	22.51	23.50	1.256	0.175	22.2
Right tilted	10	QPSK 1_0	23330/793	1:1	0.078	-0.04	22.51	23.50	1.256	0.098	22.2
Head Test Data (50%RB) SET_1											
Left cheek	10	QPSK 25_0	23330/793	1:1	0.080	0.17	21.46	22.50	1.271	0.102	22.2
Left tilted	10	QPSK 25_0	23330/793	1:1	0.047	0.03	21.46	22.50	1.271	0.060	22.2
Right cheek	10	QPSK 25_0	23330/793	1:1	0.113	-0.13	21.46	22.50	1.271	0.144	22.2
Right tilted	10	QPSK 25_0	23330/793	1:1	0.065	-0.09	21.46	22.50	1.271	0.083	22.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	10	QPSK 1_0	23330/793	1:1	0.135	0.10	22.51	23.50	1.256	0.170	22.2
Back side	10	QPSK 1_0	23330/793	1:1	0.236	-0.01	22.51	23.50	1.256	0.296	22.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	10	QPSK 25_0	23330/793	1:1	0.104	0.16	21.46	22.50	1.271	0.132	22.2
Back side	10	QPSK 25_0	23330/793	1:1	0.187	0.10	21.46	22.50	1.271	0.238	22.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	10	QPSK 1_0	23330/793	1:1	0.253	0.18	22.51	23.50	1.256	0.318	22.2
Back side	10	QPSK 1_0	23330/793	1:1	0.487	0.04	22.51	23.50	1.256	0.612	22.2
Right side	10	QPSK 1_0	23330/793	1:1	0.408	0.06	22.51	23.50	1.256	0.512	22.2
Bottom side	10	QPSK 1_0	23330/793	1:1	0.254	0.02	22.51	23.50	1.256	0.319	22.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	10	QPSK 25_0	23330/793	1:1	0.199	-0.02	21.46	22.50	1.271	0.253	22.2
Back side	10	QPSK 25_0	23330/793	1:1	0.398	-0.19	21.46	22.50	1.271	0.506	22.2
Right side	10	QPSK 25_0	23330/793	1:1	0.327	-0.10	21.46	22.50	1.271	0.416	22.2
Bottom side	10	QPSK 25_0	23330/793	1:1	0.204	-0.07	21.46	22.50	1.271	0.259	22.2

10.3.11 SAR Result of LTE Band 25

LTE Band 25 SAR Test Record											
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	20	QPSK 1_0	26365/1882.5	1:1	0.548	0.18	18.62	19.50	1.225	0.671	22.3
Left tilted	20	QPSK 1_0	26365/1882.5	1:1	0.612	0.14	18.62	19.50	1.225	0.750	22.3
Right cheek	20	QPSK 1_0	26365/1882.5	1:1	0.948	-0.05	18.62	19.50	1.225	1.161	22.3
Right cheek-repeated	20	QPSK 1_0	26365/1882.5	1:1	0.941	0.07	18.62	19.50	1.225	1.153	22.3
Right cheek	20	QPSK 1_0	26140/1860	1:1	0.868	0.05	18.47	19.50	1.268	1.101	22.3
Right cheek	20	QPSK 1_0	26590/1905	1:1	0.889	0.05	18.55	19.50	1.245	1.107	22.3
Right tilted	20	QPSK 1_0	26365/1882.5	1:1	0.770	0.18	18.62	19.50	1.225	0.943	22.3
Right tilted	20	QPSK 1_0	26140/1860	1:1	0.692	0.16	18.47	19.50	1.268	0.877	22.3
Right tilted	20	QPSK 1_0	26590/1905	1:1	0.730	0.01	18.55	19.50	1.245	0.909	22.3
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	26365/1882.5	1:1	0.522	-0.08	18.51	19.50	1.256	0.656	22.3
Left tilted	20	QPSK 50_0	26365/1882.5	1:1	0.582	0.10	18.51	19.50	1.256	0.731	22.3
Right cheek	20	QPSK 50_0	26365/1882.5	1:1	0.907	0.18	18.51	19.50	1.256	1.139	22.3
Right cheek	20	QPSK 50_0	26140/1860	1:1	0.852	0.11	18.38	19.50	1.294	1.102	22.3
Right cheek	20	QPSK 50_0	26590/1905	1:1	0.878	-0.03	18.42	19.50	1.282	1.126	22.3
Right tilted	20	QPSK 50_0	26365/1882.5	1:1	0.734	-0.03	18.51	19.50	1.256	0.922	22.3
Right tilted	20	QPSK 50_0	26140/1860	1:1	0.700	-0.09	18.38	19.50	1.294	0.906	22.3
Right tilted	20	QPSK 50_0	26590/1905	1:1	0.675	-0.03	18.42	19.50	1.282	0.865	22.3
Head Test Data (100%RB) SET_1											
Right cheek	20	QPSK 100_0	26365/1882.5	1:1	0.851	-0.11	18.44	19.50	1.276	1.086	22.3
Right tilted	20	QPSK 100_0	26365/1882.5	1:1	0.717	0.03	18.44	19.50	1.276	0.915	22.3
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.275	0.07	21.59	22.50	1.233	0.339	22.3
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.461	0.08	21.59	22.50	1.233	0.568	22.3
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	26365/1882.5	1:1	0.265	-0.10	21.51	22.50	1.256	0.333	22.3
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.441	-0.19	21.51	22.50	1.256	0.554	22.3
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.405	-0.08	20.64	21.50	1.219	0.494	22.3
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.708	0.14	20.64	21.50	1.219	0.863	22.3
Back side	20	QPSK 1_0	26140/1860	1:1	0.663	0.02	20.52	21.50	1.253	0.831	22.3
Back side	20	QPSK 1_0	26590/1905	1:1	0.656	-0.11	20.54	21.50	1.247	0.818	22.3
Left side	20	QPSK 1_0	26365/1882.5	1:1	0.248	0.17	20.64	21.50	1.219	0.302	22.3
Top side	20	QPSK 1_0	26365/1882.5	1:1	0.745	-0.07	20.64	21.50	1.219	0.908	22.3
Top side	20	QPSK 1_0	26140/1860	1:1	0.686	-0.15	20.52	21.50	1.253	0.860	22.3
Top side	20	QPSK 1_0	26590/1905	1:1	0.682	-0.05	20.54	21.50	1.247	0.850	22.3
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	26365/1882.5	1:1	0.390	0.14	20.45	21.50	1.274	0.497	22.3
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.704	-0.19	20.45	21.50	1.274	0.897	22.3
Back side	20	QPSK 50_0	26140/1860	1:1	0.666	0.17	20.41	21.50	1.285	0.856	22.3
Back side	20	QPSK 50_0	26590/1905	1:1	0.672	0.08	20.43	21.50	1.279	0.859	22.3
Left side	20	QPSK 50_0	26365/1882.5	1:1	0.213	0.16	20.45	21.50	1.274	0.271	22.3
Top side	20	QPSK 50_0	26365/1882.5	1:1	0.729	0.14	20.45	21.50	1.274	0.929	22.3
Top side	20	QPSK 50_0	26140/1860	1:1	0.688	-0.16	20.41	21.50	1.285	0.884	22.3
Top side	20	QPSK 50_0	26590/1905	1:1	0.692	0.03	20.43	21.50	1.279	0.885	22.3

Hotspot Test data (Separate 10mm 100%RB) SET_3											
Back side	20	QPSK 100_0	26365/1882.5	1:1	0.702	0.05	20.32	21.50	1.312	0.921	22.3
Top side	20	QPSK 100_0	26365/1882.5	1:1	0.654	0.09	20.32	21.50	1.312	0.858	22.3

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated
Right cheek	26365/1882.5	0.948	0.941	1.007	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.					

10.3.12 SAR Result of LTE Band 26

LTE Band 26 SAR Test Record											
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	15	QPSK 1_0	26865/831.5	1:1	0.092	0.03	23.31	24.00	1.172	0.108	22.3
Left tilted	15	QPSK 1_0	26865/831.5	1:1	0.048	0.18	23.31	24.00	1.172	0.056	22.3
Right cheek	15	QPSK 1_0	26865/831.5	1:1	0.133	0.03	23.31	24.00	1.172	0.156	22.3
Right tilted	15	QPSK 1_0	26865/831.5	1:1	0.070	0.18	23.31	24.00	1.172	0.082	22.3
Head Test Data (50%RB) SET_1											
Left cheek	15	QPSK 1_38	26865/831.5	1:1	0.072	0.06	22.06	23.00	1.242	0.089	22.3
Left tilted	15	QPSK 1_38	26865/831.5	1:1	0.036	0.13	22.06	23.00	1.242	0.045	22.3
Right cheek	15	QPSK 1_38	26865/831.5	1:1	0.108	-0.03	22.06	23.00	1.242	0.134	22.3
Right tilted	15	QPSK 1_38	26865/831.5	1:1	0.057	-0.14	22.06	23.00	1.242	0.071	22.3
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	15	QPSK 1_0	26865/831.5	1:1	0.135	0.11	23.31	24.00	1.172	0.158	22.3
Back side	15	QPSK 1_0	26865/831.5	1:1	0.279	0.04	23.31	24.00	1.172	0.327	22.3
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	15	QPSK 1_38	26865/831.5	1:1	0.107	-0.04	22.06	23.00	1.242	0.133	22.3
Back side	15	QPSK 1_38	26865/831.5	1:1	0.221	0.19	22.06	23.00	1.242	0.274	22.3
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	15	QPSK 1_0	26865/831.5	1:1	0.275	-0.14	23.31	24.00	1.172	0.322	22.3
Back side	15	QPSK 1_0	26865/831.5	1:1	0.522	0.09	23.31	24.00	1.172	0.612	22.3
Right side	15	QPSK 1_0	26865/831.5	1:1	0.453	-0.12	23.31	24.00	1.172	0.531	22.3
Bottom side	15	QPSK 1_0	26865/831.5	1:1	0.282	0.03	23.31	24.00	1.172	0.331	22.3
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	15	QPSK 1_38	26865/831.5	1:1	0.222	0.18	22.06	23.00	1.242	0.276	22.3
Back side	15	QPSK 1_38	26865/831.5	1:1	0.480	0.13	22.06	23.00	1.242	0.596	22.3
Right side	15	QPSK 1_38	26865/831.5	1:1	0.322	-0.12	22.06	23.00	1.242	0.400	22.3
Bottom side	15	QPSK 1_38	26865/831.5	1:1	0.231	-0.10	22.06	23.00	1.242	0.287	22.3

10.3.13 SAR Result of LTE Band 38

LTE Band 38 SAR Test Record											
Ant 3 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	38000/2595	1:1.58	0.150	-0.19	22.84	24.00	1.306	0.196	22.4
Left tilted	20	QPSK 1_0	38000/2595	1:1.58	0.114	0.03	22.84	24.00	1.306	0.149	22.4
Right cheek	20	QPSK 1_0	38000/2595	1:1.58	0.170	0.18	22.84	24.00	1.306	0.222	22.4
Right tilted	20	QPSK 1_0	38000/2595	1:1.58	0.100	-0.15	22.84	24.00	1.306	0.131	22.4
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	38000/2595	1:1.58	0.147	-0.11	21.85	23.00	1.303	0.192	22.4
Left tilted	20	QPSK 50_0	38000/2595	1:1.58	0.125	0.04	21.85	23.00	1.303	0.163	22.4
Right cheek	20	QPSK 50_0	38000/2595	1:1.58	0.168	0.08	21.85	23.00	1.303	0.219	22.4
Right tilted	20	QPSK 50_0	38000/2595	1:1.58	0.096	-0.19	21.85	23.00	1.303	0.125	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	38000/2595	1:1.58	0.091	-0.15	18.86	20.00	1.300	0.118	22.4
Back side	20	QPSK 1_0	38000/2595	1:1.58	0.433	0.01	18.86	20.00	1.300	0.563	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	38000/2595	1:1.58	0.085	0.07	18.81	20.00	1.315	0.112	22.4
Back side	20	QPSK 50_0	38000/2595	1:1.58	0.224	-0.05	18.81	20.00	1.315	0.295	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	38000/2595	1:1.58	0.119	-0.16	17.92	19.00	1.282	0.153	22.4
Back side	20	QPSK 1_0	38000/2595	1:1.58	0.338	0.02	17.92	19.00	1.282	0.433	22.4
Left side	20	QPSK 1_0	38000/2595	1:1.58	0.042	-0.18	17.92	19.00	1.282	0.054	22.4
Bottom side	20	QPSK 1_0	38000/2595	1:1.58	0.582	0.06	17.92	19.00	1.282	0.746	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	38000/2595	1:1.58	0.105	-0.05	17.82	19.00	1.312	0.138	22.4
Back side	20	QPSK 50_0	38000/2595	1:1.58	0.326	-0.03	17.82	19.00	1.312	0.428	22.4
Left side	20	QPSK 50_0	38000/2595	1:1.58	0.038	-0.19	17.82	19.00	1.312	0.050	22.4
Bottom side	20	QPSK 50_0	38000/2595	1:1.58	0.325	-0.02	17.82	19.00	1.312	0.426	22.4

10.3.14 SAR Result of LTE Band 41

LTE Band 41 SAR Test Record											
Ant 7 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	40620/2593	1:1.58	0.209	-0.10	19.11	20.00	1.227	0.256	22.4
Left tilted	20	QPSK 1_0	40620/2593	1:1.58	0.094	0.04	19.11	20.00	1.227	0.115	22.4
Right cheek	20	QPSK 1_0	40620/2593	1:1.58	0.627	-0.11	19.11	20.00	1.227	0.769	22.4
Right cheek	20	QPSK 1_0	39750/2506	1:1.58	0.585	-0.09	19.07	20.00	1.239	0.725	22.4
Right cheek	20	QPSK 1_0	40185/2549.5	1:1.58	0.583	0.03	18.88	20.00	1.294	0.754	22.4
Right cheek	20	QPSK 1_0	41055/2636.5	1:1.58	0.617	0.19	19.04	20.00	1.247	0.769	22.4
Right cheek	20	QPSK 1_0	41490/2680	1:1.58	0.604	-0.03	19.00	20.00	1.259	0.760	22.4
Right tilted	20	QPSK 1_0	40620/2593	1:1.58	0.234	-0.01	19.11	20.00	1.227	0.287	22.4
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	40620/2593	1:1.58	0.170	-0.02	19.05	20.00	1.245	0.212	22.4
Left tilted	20	QPSK 50_0	40620/2593	1:1.58	0.121	0.01	19.05	20.00	1.245	0.151	22.4
Right cheek	20	QPSK 50_0	40620/2593	1:1.58	0.671	0.05	19.05	20.00	1.245	0.835	22.4
Right cheek-PC2	20	QPSK 50_0	40620/2593	1:2.31	0.810	-0.01	21.92	23.00	1.282	1.038	22.4
Right cheek-PC2-repeated	20	QPSK 50_0	40620/2593	1:2.31	0.803	-0.07	21.92	23.00	1.282	1.029	22.4
Right cheek-41C-PC2	20	QPSK 50_0	40620/2593	1:2.31	0.794	-0.02	21.88	23.00	1.294	1.027	22.4
	20	QPSK 50_49	40422/2573.7								22.4
Right cheek	20	QPSK 50_0	39750/2506	1:1.58	0.651	0.06	19.03	20.00	1.250	0.814	22.4
Right cheek	20	QPSK 50_0	40185/2549.5	1:1.58	0.680	-0.16	18.83	20.00	1.309	0.890	22.4
Right cheek	20	QPSK 50_0	41055/2636.5	1:1.58	0.628	-0.07	19.01	20.00	1.256	0.789	22.4
Right cheek	20	QPSK 50_0	41490/2680	1:1.58	0.670	-0.15	18.86	20.00	1.300	0.871	22.4
Right tilted	20	QPSK 50_0	40620/2593	1:1.58	0.281	0.05	19.05	20.00	1.245	0.350	22.4
Head Test Data (100%RB) SET_1											
Right cheek	20	QPSK 100_0	40620/2593	1:1.58	0.626	-0.02	19.08	20.00	1.236	0.774	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.212	0.18	22.04	23.00	1.247	0.264	22.4
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.433	0.09	22.04	23.00	1.247	0.540	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.206	-0.15	21.98	23.00	1.265	0.261	22.4
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.453	0.04	21.98	23.00	1.265	0.573	22.4
Back side-PC2	20	QPSK 50_0	40620/2593	1:2.31	0.541	-0.12	24.81	26.00	1.315	0.711	22.4
Back side-41C-PC2	20	QPSK 50_0	40620/2593	1:2.31	0.513	0.02	24.71	26.00	1.346	0.690	22.4
	20	QPSK 50_49	40422/2573.7								22.4
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.453	0.04	21.98	23.00	1.265	0.573	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.248	-0.07	21.03	22.00	1.250	0.310	22.4
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.563	0.06	21.03	22.00	1.250	0.704	22.4
Back side	20	QPSK 1_0	39750/2506	1:1.58	0.533	-0.17	21.03	22.00	1.250	0.666	22.4
Back side	20	QPSK 1_0	40185/2549.5	1:1.58	0.552	-0.04	21.03	22.00	1.250	0.690	22.4
Back side	20	QPSK 1_0	41055/2636.5	1:1.58	0.545	-0.14	21.03	22.00	1.250	0.681	22.4
Back side	20	QPSK 1_0	41490/2680	1:1.58	0.547	0.03	21.03	22.00	1.250	0.684	22.4
Left side	20	QPSK 1_0	40620/2593	1:1.58	0.334	-0.15	21.03	22.00	1.250	0.418	22.4
Top side	20	QPSK 1_0	40620/2593	1:1.58	0.118	0.14	21.03	22.00	1.250	0.148	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											

Front side	20	QPSK 50_0	40620/2593	1:1.58	0.244	0.17	20.95	22.00	1.274	0.311	22.4
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.556	-0.04	20.95	22.00	1.274	0.708	22.4
Back side-PC2	20	QPSK 50_0	40620/2593	1:2.31	0.689	0.11	23.85	25.00	1.303	0.898	22.4
Back sidek-41C-PC2	20	QPSK 50_0	40620/2593	1:2.31	0.666	0.07	23.80	25.00	1.318	0.878	22.4
	20	QPSK 50_49	40422/2573.7								22.4
Back side	20	QPSK 50_0	39750/2506	1:1.58	0.543	0.05	20.95	22.00	1.274	0.692	22.4
Back side	20	QPSK 50_0	40185/2549.5	1:1.58	0.552	0.13	20.95	22.00	1.274	0.703	22.4
Back side	20	QPSK 50_0	41055/2636.5	1:1.58	0.534	-0.06	20.95	22.00	1.274	0.680	22.4
Back side	20	QPSK 50_0	41490/2680	1:1.58	0.540	-0.01	20.95	22.00	1.274	0.688	22.4
Left side	20	QPSK 50_0	40620/2593	1:1.58	0.377	-0.04	20.95	22.00	1.274	0.480	22.4
Top side	20	QPSK 50_0	40620/2593	1:1.58	0.121	-0.07	20.95	22.00	1.274	0.154	22.4
Hotspot Test data (Separate 10mm 100%RB) SET_3											
Back side	20	QPSK 100_0	40620/2593	1:1.58	0.554	0.08	20.95	22.00	1.274	0.706	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated
Right cheek	40620/2593	0.810	0.803	1.009	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.					

10.3.15 SAR Result of LTE Band 66

LTE Band 66 SAR Test Record											
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	20	QPSK 1_0	132322/1745	1:1	0.577	-0.08	18.79	19.50	1.178	0.680	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.617	-0.06	18.79	19.50	1.178	0.727	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.959	-0.01	18.79	19.50	1.178	1.130	22.4
Right cheek-repeated	20	QPSK 1_0	132322/1745	1:1	0.951	0.04	18.79	19.50	1.178	1.120	22.4
Right cheek	20	QPSK 1_0	132072/1720	1:1	0.874	0.14	18.63	19.50	1.222	1.068	22.4
Right cheek	20	QPSK 1_0	132572/1770	1:1	0.915	0.08	18.74	19.50	1.191	1.090	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.808	-0.18	18.79	19.50	1.178	0.952	22.4
Right tilted	20	QPSK 1_0	132072/1720	1:1	0.737	0.18	18.63	19.50	1.222	0.901	22.4
Right tilted	20	QPSK 1_0	132572/1770	1:1	0.769	0.13	18.74	19.50	1.191	0.916	22.4
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.564	-0.04	18.71	19.50	1.199	0.676	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.585	0.01	18.71	19.50	1.199	0.701	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.933	-0.11	18.71	19.50	1.199	1.119	22.4
Right cheek	20	QPSK 50_0	132072/1720	1:1	0.874	0.14	18.56	19.50	1.242	1.086	22.4
Right cheek	20	QPSK 50_0	132572/1770	1:1	0.872	0.05	18.63	19.50	1.222	1.066	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.829	0.11	18.71	19.50	1.199	0.994	22.4
Right tilted	20	QPSK 50_0	132072/1720	1:1	0.760	0.02	18.56	19.50	1.242	0.944	22.4
Right tilted	20	QPSK 50_0	132572/1770	1:1	0.793	0.18	18.63	19.50	1.222	0.969	22.4
Head Test Data (50%RB) SET_1											
Right cheek	20	QPSK 100_0	132322/1745	1:1	0.877	0.17	18.55	19.50	1.245	1.092	22.4
Right tilted	20	QPSK 100_0	132322/1745	1:1	0.741	-0.08	18.55	19.50	1.245	0.923	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	132322/1745	1:1	0.275	0.05	21.83	22.50	1.167	0.321	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.413	0.08	21.83	22.50	1.167	0.482	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	132322/1745	1:1	0.266	0.09	21.57	22.50	1.239	0.330	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.421	0.03	21.57	22.50	1.239	0.522	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	132322/1745	1:1	0.332	-0.12	20.86	21.50	1.159	0.385	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.649	-0.09	20.86	21.50	1.159	0.752	22.4
Back side	20	QPSK 1_0	132072/1720	1:1	0.599	0.04	20.71	21.50	1.199	0.718	22.4
Back side	20	QPSK 1_0	132572/1770	1:1	0.609	-0.08	20.78	21.50	1.180	0.719	22.4
Left side	20	QPSK 1_0	132322/1745	1:1	0.181	0.15	20.86	21.50	1.159	0.210	22.4
Top side	20	QPSK 1_0	132322/1745	1:1	0.695	0.10	20.86	21.50	1.159	0.806	22.4
Top side	20	QPSK 1_0	132072/1720	1:1	0.646	0.07	20.71	21.50	1.199	0.775	22.4
Top side	20	QPSK 1_0	132572/1770	1:1	0.641	0.02	20.78	21.50	1.180	0.756	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	132322/1745	1:1	0.353	0.04	20.35	21.50	1.303	0.460	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.651	0.19	20.35	21.50	1.303	0.848	22.4
Back side	20	QPSK 50_0	132072/1720	1:1	0.642	0.02	20.33	21.50	1.309	0.840	22.4
Back side	20	QPSK 50_0	132572/1770	1:1	0.633	-0.13	20.34	21.50	1.306	0.827	22.4
Left side	20	QPSK 50_0	132322/1745	1:1	0.182	-0.03	20.35	21.50	1.303	0.237	22.4
Top side	20	QPSK 50_0	132322/1745	1:1	0.694	-0.09	20.35	21.50	1.303	0.904	22.4
Top side	20	QPSK 50_0	132072/1720	1:1	0.669	0.18	20.33	21.50	1.309	0.876	22.4

Top side	20	QPSK 50_0	132572/1770	1:1	0.672	-0.14	20.34	21.50	1.306	0.878	22.4
Hotspot Test data (Separate 10mm 100%RB) SET_3											
Back side	20	QPSK 100_0	132322/1745	1:1	0.632	-0.12	20.31	21.50	1.315	0.831	22.4
Top side	20	QPSK 100_0	132322/1745	1:1	0.685	-0.06	20.31	21.50	1.315	0.901	22.4
Ant 3 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	0.054	-0.07	22.78	23.50	1.180	0.064	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.023	-0.04	22.78	23.50	1.180	0.027	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.082	0.14	22.78	23.50	1.180	0.097	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.041	-0.04	22.78	23.50	1.180	0.048	22.4
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.049	0.01	21.60	22.50	1.230	0.060	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.021	-0.07	21.60	22.50	1.230	0.026	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.077	-0.04	21.60	22.50	1.230	0.095	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.036	-0.13	21.60	22.50	1.230	0.044	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	132322/1745	1:1	0.023	-0.13	18.76	19.50	1.186	0.027	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.064	-0.02	18.76	19.50	1.186	0.076	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	132322/1745	1:1	0.019	-0.04	18.59	19.50	1.233	0.023	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.055	-0.03	18.59	19.50	1.233	0.068	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	132322/1745	1:1	0.032	0.11	16.77	17.50	1.183	0.038	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.090	-0.14	16.77	17.50	1.183	0.106	22.4
Left side	20	QPSK 1_0	132322/1745	1:1	0.045	-0.18	16.77	17.50	1.183	0.053	22.4
Bottom side	20	QPSK 1_0	132322/1745	1:1	0.150	0.15	16.77	17.50	1.183	0.177	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	132322/1745	1:1	0.021	-0.15	16.64	17.50	1.219	0.026	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.077	0.10	16.64	17.50	1.219	0.094	22.4
Left side	20	QPSK 50_0	132322/1745	1:1	0.024	-0.05	16.64	17.50	1.219	0.029	22.4
Bottom side	20	QPSK 50_0	132322/1745	1:1	0.092	0.05	16.64	17.50	1.219	0.112	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated
Left cheek	132322/1745	0.959	0.951	1.008	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.					

10.3.16 SAR Result of LTE Band 71

LTE Band 71 SAR Test Record											
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	133322/683	1:1	0.123	0.02	23.15	24.00	1.216	0.150	22.2
Left tilted	20	QPSK 1_0	133322/683	1:1	0.051	0.15	23.15	24.00	1.216	0.062	22.2
Right cheek	20	QPSK 1_0	133322/683	1:1	0.087	0.16	23.15	24.00	1.216	0.106	22.2
Right tilted	20	QPSK 1_0	133322/683	1:1	0.046	-0.18	23.15	24.00	1.216	0.056	22.2
Head Test Data (50%RB) SET_1											
Left cheek	20	QPSK 50_0	133322/683	1:1	0.095	0.17	22.13	23.00	1.222	0.116	22.2
Left tilted	20	QPSK 50_0	133322/683	1:1	0.051	0.09	22.13	23.00	1.222	0.062	22.2
Right cheek	20	QPSK 50_0	133322/683	1:1	0.089	0.15	22.13	23.00	1.222	0.109	22.2
Right tilted	20	QPSK 50_0	133322/683	1:1	0.052	-0.15	22.13	23.00	1.222	0.064	22.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	20	QPSK 1_0	133322/683	1:1	0.140	-0.13	23.15	24.00	1.216	0.170	22.2
Back side	20	QPSK 1_0	133322/683	1:1	0.215	-0.03	23.15	24.00	1.216	0.261	22.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	20	QPSK 50_0	133322/683	1:1	0.121	0.19	22.13	23.00	1.222	0.148	22.2
Back side	20	QPSK 50_0	133322/683	1:1	0.180	-0.05	22.13	23.00	1.222	0.220	22.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	20	QPSK 1_0	133322/683	1:1	0.180	-0.19	23.15	24.00	1.216	0.219	22.2
Back side	20	QPSK 1_0	133322/683	1:1	0.280	0.14	23.15	24.00	1.216	0.340	22.2
Right side	20	QPSK 1_0	133322/683	1:1	0.388	0.08	23.15	24.00	1.216	0.472	22.2
Bottom side	20	QPSK 1_0	133322/683	1:1	0.106	0.10	23.15	24.00	1.216	0.129	22.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	20	QPSK 50_0	133322/683	1:1	0.158	-0.17	22.13	23.00	1.222	0.193	22.2
Back side	20	QPSK 50_0	133322/683	1:1	0.235	-0.14	22.13	23.00	1.222	0.287	22.2
Right side	20	QPSK 50_0	133322/683	1:1	0.322	-0.02	22.13	23.00	1.222	0.393	22.2
Bottom side	20	QPSK 50_0	133322/683	1:1	0.086	0.10	22.13	23.00	1.222	0.105	22.2

10.3.17 SAR Result of NR Band n25

SA N25 SAR Test Record											
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	45	QPSK 1_1	376000/1880	100%	0.533	0.16	18.94	20.00	1.276	0.680	22.3
Left tilted	45	QPSK 1_1	376000/1880	100%	0.569	0.18	18.94	20.00	1.276	0.726	22.3
Right cheek	45	QPSK 1_1	376000/1880	100%	0.959	0.06	18.94	20.00	1.276	1.224	22.3
Right cheek-Repeated	45	QPSK 1_1	376000/1880	100%	0.952	0.07	18.94	20.00	1.276	1.215	22.3
Right tilted	45	QPSK 1_1	376000/1880	100%	0.768	-0.03	18.94	20.00	1.276	0.980	22.3
Head Test Data (50%RB) SET_1											
Left cheek	45	QPSK 120_60	376000/1880	100%	0.516	-0.14	18.89	20.00	1.291	0.666	22.3
Left tilted	45	QPSK 120_60	376000/1880	100%	0.583	-0.03	18.89	20.00	1.291	0.753	22.3
Right cheek	45	QPSK 120_60	376000/1880	100%	0.938	0.17	18.89	20.00	1.291	1.211	22.3
Right tilted	45	QPSK 120_60	376000/1880	100%	0.749	0.14	18.89	20.00	1.291	0.967	22.3
Head Test Data (100%RB) SET_1											
Right cheek	45	QPSK 240_0	376000/1880	100%	0.917	-0.12	17.90	19.00	1.288	1.181	22.3
Head Test Data (1RB) SET_1 (ENDC)											
Left cheek	45	QPSK 1_1	376000/1880	100%	0.533	0.16	18.94	17.00	0.640	0.341	22.3
Left tilted	45	QPSK 1_1	376000/1880	100%	0.569	0.18	18.94	17.00	0.640	0.364	22.3
Right cheek	45	QPSK 1_1	376000/1880	100%	0.959	0.06	18.94	17.00	0.640	0.614	22.3
Right tilted	45	QPSK 1_1	376000/1880	100%	0.768	-0.03	18.94	17.00	0.640	0.492	22.3
Head Test Data (50%RB) SET_1											
Left cheek	45	QPSK 120_60	376000/1880	100%	0.516	-0.14	18.89	17.00	0.647	0.334	22.3
Left tilted	45	QPSK 120_60	376000/1880	100%	0.583	-0.03	18.89	17.00	0.647	0.377	22.3
Right cheek	45	QPSK 120_60	376000/1880	100%	0.938	0.17	18.89	17.00	0.647	0.607	22.3
Right tilted	45	QPSK 120_60	376000/1880	100%	0.749	0.14	18.89	17.00	0.647	0.485	22.3
Head Test Data (100%RB) SET_1											
Right cheek	45	QPSK 240_0	376000/1880	100%	0.917	-0.12	17.90	16.00	0.646	0.592	22.3
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	45	QPSK 1_1	376000/1880	100%	0.220	0.18	21.91	23.00	1.285	0.283	22.3
Back side	45	QPSK 1_1	376000/1880	100%	0.332	-0.08	21.91	23.00	1.285	0.427	22.3
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	45	QPSK 120_60	376000/1880	100%	0.196	-0.03	21.84	23.00	1.306	0.256	22.3
Back side	45	QPSK 120_60	376000/1880	100%	0.335	0.03	21.84	23.00	1.306	0.438	22.3
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	45	QPSK 1_1	376000/1880	100%	0.344	0.02	20.98	22.00	1.265	0.435	22.3
Back side	45	QPSK 1_1	376000/1880	100%	0.564	0.05	20.98	22.00	1.265	0.713	22.3
Left side	45	QPSK 1_1	376000/1880	100%	0.259	-0.06	20.98	22.00	1.265	0.328	22.3
Top side	45	QPSK 1_1	376000/1880	100%	0.640	-0.04	20.98	22.00	1.265	0.810	22.3
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	45	QPSK 120_60	376000/1880	100%	0.360	0.13	20.91	22.00	1.285	0.463	22.3
Back side	45	QPSK 120_60	376000/1880	100%	0.573	-0.18	20.91	22.00	1.285	0.736	22.3
Left side	45	QPSK 120_60	376000/1880	100%	0.272	-0.02	20.91	22.00	1.285	0.350	22.3
Top side	45	QPSK 120_60	376000/1880	100%	0.659	0.01	20.91	22.00	1.285	0.847	22.3
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Top side	45	QPSK 240_0	376000/1880	100%	0.615	-0.18	19.90	21.00	1.288	0.792	22.3
Ant3 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	45	QPSK 1_1	376000/1880	100%	0.114	-0.08	22.96	24.50	1.426	0.163	22.3
Left tilted	45	QPSK 1_1	376000/1880	100%	0.102	0.18	22.96	24.50	1.426	0.145	22.3
Right cheek	45	QPSK 1_1	376000/1880	100%	0.140	0.06	22.96	24.50	1.426	0.200	22.3
Right tilted	45	QPSK 1_1	376000/1880	100%	0.061	0.07	22.96	24.50	1.426	0.087	22.3
Head Test Data (50%RB) SET_1											
Left cheek	45	QPSK 120_60	376000/1880	100%	0.143	0.06	22.91	24.50	1.442	0.206	22.3
Left tilted	45	QPSK 120_60	376000/1880	100%	0.108	0.10	22.91	24.50	1.442	0.156	22.3
Right cheek	45	QPSK 120_60	376000/1880	100%	0.153	-0.02	22.91	24.50	1.442	0.221	22.3
Right tilted	45	QPSK 120_60	376000/1880	100%	0.068	0.16	22.91	24.50	1.442	0.098	22.3
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	45	QPSK 1_1	376000/1880	100%	0.106	-0.09	18.94	20.50	1.432	0.152	22.3
Back side	45	QPSK 1_1	376000/1880	100%	0.200	-0.08	18.94	20.50	1.432	0.286	22.3
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	45	QPSK 120_60	376000/1880	100%	0.141	-0.09	18.89	20.50	1.449	0.204	22.3
Back side	45	QPSK 120_60	376000/1880	100%	0.266	-0.15	18.89	20.50	1.449	0.385	22.3
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	45	QPSK 1_1	376000/1880	100%	0.096	-0.12	17.01	18.50	1.409	0.135	22.3
Back side	45	QPSK 1_1	376000/1880	100%	0.206	-0.08	17.01	18.50	1.409	0.290	22.3
Left side	45	QPSK 1_1	376000/1880	100%	0.051	-0.16	17.01	18.50	1.409	0.072	22.3
Bottom side	45	QPSK 1_1	376000/1880	100%	0.231	-0.09	17.01	18.50	1.409	0.325	22.3
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	45	QPSK 120_60	376000/1880	100%	0.136	0.05	16.98	18.50	1.419	0.193	22.3
Back side	45	QPSK 120_60	376000/1880	100%	0.305	0.06	16.98	18.50	1.419	0.433	22.3
Left side	45	QPSK 120_60	376000/1880	100%	0.067	0.17	16.98	18.50	1.419	0.095	22.3
Bottom side	45	QPSK 120_60	376000/1880	100%	0.325	0.18	16.98	18.50	1.419	0.461	22.3

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated
Right cheek	376000/1880	0.959	0.952	1.007	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.					

10.3.18 SAR Result of NR Band n41

SA N41 SAR Test Record											
Ant3 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	518598/2592.99	50%	0.196	0.11	22.84	24.00	1.306	0.256	22.4
Left tilted	100	QPSK 1_1	518598/2592.99	50%	0.032	-0.10	22.84	24.00	1.306	0.042	22.4
Right cheek	100	QPSK 1_1	518598/2592.99	50%	0.120	0.17	22.84	24.00	1.306	0.157	22.4
Right tilted	100	QPSK 1_1	518598/2592.99	50%	0.016	0.03	22.84	24.00	1.306	0.021	22.4
Head Test Data (50%RB) SET_1											
Left cheek	100	QPSK 135_69	518598/2592.99	50%	0.122	-0.18	22.81	24.00	1.315	0.160	22.4
Left tilted	100	QPSK 135_69	518598/2592.99	50%	0.026	0.17	22.81	24.00	1.315	0.034	22.4
Right cheek	100	QPSK 135_69	518598/2592.99	50%	0.104	0.18	22.81	24.00	1.315	0.137	22.4
Right tilted	100	QPSK 135_69	518598/2592.99	50%	0.022	0.18	22.81	24.00	1.315	0.029	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	100	QPSK 1_1	518598/2592.99	50%	0.158	0.03	16.79	18.00	1.321	0.209	22.4
Back side	100	QPSK 1_1	518598/2592.99	50%	0.080	-0.07	16.79	18.00	1.321	0.106	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	100	QPSK 135_69	518598/2592.99	50%	0.092	-0.04	16.78	18.00	1.324	0.122	22.4
Back side	100	QPSK 135_69	518598/2592.99	50%	0.203	-0.09	16.78	18.00	1.324	0.269	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	100	QPSK 1_1	518598/2592.99	50%	0.114	0.10	16.13	17.00	1.222	0.139	22.4
Back side	100	QPSK 1_1	518598/2592.99	50%	0.297	-0.11	16.13	17.00	1.222	0.363	22.4
Left side	100	QPSK 1_1	518598/2592.99	50%	0.070	-0.16	16.13	17.00	1.222	0.086	22.4
Bottom side	100	QPSK 1_1	518598/2592.99	50%	0.259	0.18	16.13	17.00	1.222	0.316	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	100	QPSK 135_69	518598/2592.99	50%	0.126	0.11	16.08	17.00	1.236	0.156	22.4
Back side	100	QPSK 135_69	518598/2592.99	50%	0.313	-0.09	16.08	17.00	1.236	0.387	22.4
Left side	100	QPSK 135_69	518598/2592.99	50%	0.074	0.13	16.08	17.00	1.236	0.091	22.4
Bottom side	100	QPSK 135_69	518598/2592.99	50%	0.271	0.17	16.08	17.00	1.236	0.335	22.4
Ant7 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	518598/2592.99	50%	0.167	0.02	15.44	17.00	1.432	0.239	22.4
Left tilted	100	QPSK 1_1	518598/2592.99	50%	0.118	-0.07	15.44	17.00	1.432	0.169	22.4
Right cheek	100	QPSK 1_1	518598/2592.99	50%	0.554	0.04	15.44	17.00	1.432	0.793	22.4
Right tilted	100	QPSK 1_1	518598/2592.99	50%	0.219	0.09	15.44	17.00	1.432	0.314	22.4
Head Test Data (50%RB) SET_1											
Left cheek	100	QPSK 135_69	518598/2592.99	50%	0.228	0.02	15.41	17.00	1.442	0.329	22.4
Left tilted	100	QPSK 135_69	518598/2592.99	50%	0.151	-0.12	15.41	17.00	1.442	0.218	22.4
Right cheek	100	QPSK 135_69	518598/2592.99	50%	0.760	0.07	15.41	17.00	1.442	1.096	22.4
Right tilted	100	QPSK 135_69	518598/2592.99	50%	0.302	0.13	15.41	17.00	1.442	0.435	22.4
Head Test Data (100%RB) SET_1											
Right cheek	100	QPSK 270_0	518598/2592.99	50%	0.622	-0.18	14.43	16.00	1.435	0.893	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	100	QPSK 1_1	518598/2592.99	50%	0.219	0.08	20.02	21.00	1.253	0.274	22.4
Back side	100	QPSK 1_1	518598/2592.99	50%	0.479	0.01	20.02	21.00	1.253	0.600	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											

Front side	100	QPSK 135_69	518598/2592.99	50%	0.255	0.15	19.93	21.00	1.279	0.326	22.4
Back side	100	QPSK 135_69	518598/2592.99	50%	0.622	0.08	19.93	21.00	1.279	0.796	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	100	QPSK 1_1	518598/2592.99	50%	0.330	0.01	19.18	20.00	1.208	0.399	22.4
Back side	100	QPSK 1_1	518598/2592.99	50%	0.690	0.09	19.18	20.00	1.208	0.834	22.4
Left side	100	QPSK 1_1	518598/2592.99	50%	0.544	-0.15	19.18	20.00	1.208	0.657	22.4
Top side	100	QPSK 1_1	518598/2592.99	50%	0.130	0.01	19.18	20.00	1.208	0.157	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	100	QPSK 135_69	518598/2592.99	50%	0.334	-0.10	19.07	20.00	1.239	0.414	22.4
Back side	100	QPSK 135_69	518598/2592.99	50%	0.723	-0.05	19.07	20.00	1.239	0.896	22.4
Left side	100	QPSK 135_69	518598/2592.99	50%	0.534	0.02	19.07	20.00	1.239	0.662	22.4
Top side	100	QPSK 135_69	518598/2592.99	50%	0.166	-0.03	19.07	20.00	1.239	0.206	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Back side	100	QPSK 270_0	518598/2592.99	50%	0.643	-0.17	18.02	19.00	1.253	0.806	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3 (ENDC)											
Front side	100	QPSK 1_1	518598/2592.99	50%	0.330	0.01	19.18	18.00	0.762	0.251	22.4
Back side	100	QPSK 1_1	518598/2592.99	50%	0.690	0.09	19.18	18.00	0.762	0.526	22.4
Left side	100	QPSK 1_1	518598/2592.99	50%	0.544	-0.15	19.18	18.00	0.762	0.415	22.4
Top side	100	QPSK 1_1	518598/2592.99	50%	0.130	0.01	19.18	18.00	0.762	0.099	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3 (ENDC)											
Front side	100	QPSK 135_69	518598/2592.99	50%	0.334	-0.10	19.07	18.00	0.782	0.261	22.4
Back side	100	QPSK 135_69	518598/2592.99	50%	0.723	-0.05	19.07	18.00	0.782	0.565	22.4
Left side	100	QPSK 135_69	518598/2592.99	50%	0.534	0.02	19.07	18.00	0.782	0.418	22.4
Top side	100	QPSK 135_69	518598/2592.99	50%	0.166	-0.03	19.07	18.00	0.782	0.130	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3 (ENDC)											
Back side	100	QPSK 270_0	518598/2592.99	50%	0.643	-0.17	18.02	17.00	0.791	0.509	22.4

10.3.19 SAR Result of NR Band n66

SA N66 SAR Test Record											
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	45	QPSK 1_1	349000/1745	100%	0.480	-0.03	18.98	20.00	1.265	0.607	22.4
Left tilted	45	QPSK 1_1	349000/1745	100%	0.519	0.03	18.98	20.00	1.265	0.657	22.4
Right cheek	45	QPSK 1_1	349000/1745	100%	0.837	-0.05	18.98	20.00	1.265	1.059	22.4
Right tilted	45	QPSK 1_1	349000/1745	100%	0.656	-0.04	18.98	20.00	1.265	0.830	22.4
Head Test Data (50%RB) SET_1											
Left cheek	45	QPSK 120_60	349000/1745	100%	0.531	0.11	18.89	20.00	1.291	0.686	22.4
Left tilted	45	QPSK 120_60	349000/1745	100%	0.563	0.06	18.89	20.00	1.291	0.727	22.4
Right cheek	45	QPSK 120_60	349000/1745	100%	0.928	-0.03	18.89	20.00	1.291	1.198	22.4
Right cheek-repeated	45	QPSK 120_60	349000/1745	100%	0.921	0.04	18.89	20.00	1.291	1.189	22.4
Right tilted	45	QPSK 120_60	349000/1745	100%	0.706	-0.01	18.89	20.00	1.291	0.911	22.4
Head Test Data (100%RB) SET_1											
Right cheek	45	QPSK 240_0	349000/1745	100%	0.531	-0.13	18.02	19.00	1.253	0.665	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	45	QPSK 1_1	349000/1745	100%	0.233	-0.06	21.94	23.00	1.276	0.297	22.4
Back side	45	QPSK 1_1	349000/1745	100%	0.344	-0.03	21.94	23.00	1.276	0.439	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	45	QPSK 120_60	349000/1745	100%	0.235	0.08	21.86	23.00	1.300	0.306	22.4
Back side	45	QPSK 120_60	349000/1745	100%	0.315	0.01	21.86	23.00	1.300	0.410	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	45	QPSK 1_1	349000/1745	100%	0.276	-0.05	20.92	22.00	1.282	0.354	22.4
Back side	45	QPSK 1_1	349000/1745	100%	0.489	-0.04	20.92	22.00	1.282	0.627	22.4
Left side	45	QPSK 1_1	349000/1745	100%	0.170	-0.13	20.92	22.00	1.282	0.218	22.4
Top side	45	QPSK 1_1	349000/1745	100%	0.543	0.04	20.92	22.00	1.282	0.696	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	45	QPSK 120_60	349000/1745	100%	0.268	-0.19	20.88	22.00	1.294	0.347	22.4
Back side	45	QPSK 120_60	349000/1745	100%	0.503	-0.13	20.88	22.00	1.294	0.651	22.4
Left side	45	QPSK 120_60	349000/1745	100%	0.163	-0.11	20.88	22.00	1.294	0.211	22.4
Top side	45	QPSK 120_60	349000/1745	100%	0.641	0.09	20.88	22.00	1.294	0.829	22.4
Hotspot Test data (Separate 10mm 100%RB) SET_3											
Back side	45	QPSK 240_0	349000/1745	100%	0.473	-0.15	19.77	21.00	1.327	0.628	22.4
Top side	45	QPSK 240_0	349000/1745	100%	0.552	-0.07	19.77	21.00	1.327	0.733	22.4
Ant3 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	45	QPSK 1_1	349000/1745	100%	0.064	0.00	22.71	24.50	1.510	0.097	22.4
Left tilted	45	QPSK 1_1	349000/1745	100%	0.032	0.02	22.71	24.50	1.510	0.048	22.4
Right cheek	45	QPSK 1_1	349000/1745	100%	0.078	0.19	22.71	24.50	1.510	0.118	22.4
Right tilted	45	QPSK 1_1	349000/1745	100%	0.041	0.09	22.71	24.50	1.510	0.062	22.4
Head Test Data (50%RB) SET_1											
Left cheek	45	QPSK 120_60	349000/1745	100%	0.055	-0.18	22.60	24.50	1.549	0.085	22.4
Left tilted	45	QPSK 120_60	349000/1745	100%	0.026	0.11	22.60	24.50	1.549	0.040	22.4
Right cheek	45	QPSK 120_60	349000/1745	100%	0.071	-0.05	22.60	24.50	1.549	0.110	22.4
Right tilted	45	QPSK 120_60	349000/1745	100%	0.036	-0.13	22.60	24.50	1.549	0.056	22.4

Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	45	QPSK 1_1	349000/1745	100%	0.025	-0.13	19.27	20.50	1.327	0.033	22.4
Back side	45	QPSK 1_1	349000/1745	100%	0.053	-0.12	19.27	20.50	1.327	0.070	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	45	QPSK 120_60	349000/1745	100%	0.032	0.19	19.18	20.50	1.355	0.043	22.4
Back side	45	QPSK 120_60	349000/1745	100%	0.062	0.04	19.18	20.50	1.355	0.084	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	45	QPSK 1_1	349000/1745	100%	0.028	-0.16	17.31	18.50	1.315	0.037	22.4
Back side	45	QPSK 1_1	349000/1745	100%	0.067	-0.14	17.31	18.50	1.315	0.088	22.4
Left side	45	QPSK 1_1	349000/1745	100%	0.012	-0.18	17.31	18.50	1.315	0.016	22.4
Bottom side	45	QPSK 1_1	349000/1745	100%	0.069	-0.08	17.31	18.50	1.315	0.091	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	45	QPSK 120_60	349000/1745	100%	0.000	-0.03	17.20	18.50	1.349	0.000	22.4
Back side	45	QPSK 120_60	349000/1745	100%	0.068	0.14	17.20	18.50	1.349	0.092	22.4
Left side	45	QPSK 120_60	349000/1745	100%	0.009	0.18	17.20	18.50	1.349	0.012	22.4
Bottom side	45	QPSK 120_60	349000/1745	100%	0.076	0.15	17.20	18.50	1.349	0.103	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated
Right cheek	349000/1745	0.928	0.921	1.008	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.					

10.3.20 SAR Result of NR Band n71

SA N71 SAR Test Record											
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	35	QPSK 1_1	136100/680.5	100%	0.085	-0.05	23.01	24.00	1.256	0.107	22.2
Left tilted	35	QPSK 1_1	136100/680.5	100%	0.000	0.12	23.01	24.00	1.256	0.000	22.2
Right cheek	35	QPSK 1_1	136100/680.5	100%	0.076	-0.07	23.01	24.00	1.256	0.095	22.2
Right tilted	35	QPSK 1_1	136100/680.5	100%	0.046	0.12	23.01	24.00	1.256	0.058	22.2
Head Test Data (50%RB) SET_1											
Left cheek	35	QPSK 90_45	136100/680.5	100%	0.113	0.07	22.88	24.00	1.294	0.146	22.2
Left tilted	35	QPSK 90_45	136100/680.5	100%	0.049	-0.06	22.88	24.00	1.294	0.063	22.2
Right cheek	35	QPSK 90_45	136100/680.5	100%	0.090	0.01	22.88	24.00	1.294	0.116	22.2
Right tilted	35	QPSK 90_45	136100/680.5	100%	0.056	0.19	22.88	24.00	1.294	0.072	22.2
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	35	QPSK 1_1	136100/680.5	100%	0.097	0.01	23.01	24.00	1.256	0.122	22.2
Back side	35	QPSK 1_1	136100/680.5	100%	0.151	-0.05	23.01	24.00	1.256	0.190	22.2
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	35	QPSK 90_45	136100/680.5	100%	0.108	0.15	22.88	24.00	1.294	0.140	22.2
Back side	35	QPSK 90_45	136100/680.5	100%	0.184	0.01	22.88	24.00	1.294	0.238	22.2
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	35	QPSK 1_1	136100/680.5	100%	0.142	0.01	23.01	24.00	1.256	0.178	22.2
Back side	35	QPSK 1_1	136100/680.5	100%	0.227	-0.07	23.01	24.00	1.256	0.285	22.2
Right side	35	QPSK 1_1	136100/680.5	100%	0.301	0.06	23.01	24.00	1.256	0.378	22.2
Bottom side	35	QPSK 1_1	136100/680.5	100%	0.078	-0.07	23.01	24.00	1.256	0.098	22.2
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	35	QPSK 90_45	136100/680.5	100%	0.149	-0.04	22.88	24.00	1.294	0.193	22.2
Back side	35	QPSK 90_45	136100/680.5	100%	0.258	0.12	22.88	24.00	1.294	0.334	22.2
Right side	35	QPSK 90_45	136100/680.5	100%	0.311	-0.09	22.88	24.00	1.294	0.402	22.2
Bottom side	35	QPSK 90_45	136100/680.5	100%	0.090	0.11	22.88	24.00	1.294	0.116	22.2

10.3.21 SAR Result of NR Band n78 (3450-3550)

SA N78 SAR Test Record											
Ant4 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	50%	0.278	-0.15	17.63	18.50	1.222	0.340	22.4
Left tilted	100	QPSK 1_1	633334/3500	50%	0.190	0.04	17.63	18.50	1.222	0.232	22.4
Right cheek	100	QPSK 1_1	633334/3500	50%	0.632	-0.03	17.63	18.50	1.222	0.772	22.4
Right tilted	100	QPSK 1_1	633334/3500	50%	0.304	0.15	17.63	18.50	1.222	0.371	22.4
Head Test Data (50%RB) SET_1											
Left cheek	100	QPSK 135_69	633334/3500	50%	0.240	-0.09	17.54	18.50	1.247	0.299	22.4
Left tilted	100	QPSK 135_69	633334/3500	50%	0.234	-0.15	17.54	18.50	1.247	0.292	22.4
Right cheek	100	QPSK 135_69	633334/3500	50%	0.913	0.02	17.54	18.50	1.247	1.139	22.4
Right cheek-repeated	100	QPSK 135_69	633334/3500	50%	0.907	0.05	17.54	18.50	1.247	1.131	22.4
Right tilted	100	QPSK 135_69	633334/3500	50%	0.473	-0.03	17.54	18.50	1.247	0.590	22.4
Head Test Data (100%RB) SET_1											
Right cheek	100	QPSK 270_0	633334/3500	50%	0.672	-0.11	16.44	17.50	1.276	0.857	22.4
Head Test Data (1RB) SET_1 (ENDC)											
Left cheek	100	QPSK 1_1	633334/3500	50%	0.278	-0.15	17.63	16.50	0.771	0.214	22.4
Left tilted	100	QPSK 1_1	633334/3500	50%	0.190	0.04	17.63	16.50	0.771	0.146	22.4
Right cheek	100	QPSK 1_1	633334/3500	50%	0.632	-0.03	17.63	16.50	0.771	0.487	22.4
Right tilted	100	QPSK 1_1	633334/3500	50%	0.304	0.15	17.63	16.50	0.771	0.234	22.4
Head Test Data (50%RB) SET_1 (ENDC)											
Left cheek	100	QPSK 135_69	633334/3500	50%	0.240	-0.09	17.54	16.50	0.787	0.189	22.4
Left tilted	100	QPSK 135_69	633334/3500	50%	0.234	-0.15	17.54	16.50	0.787	0.184	22.4
Right cheek	100	QPSK 135_69	633334/3500	50%	0.913	0.02	17.54	16.50	0.787	0.719	22.4
Right tilted	100	QPSK 135_69	633334/3500	50%	0.473	-0.03	17.54	16.50	0.787	0.372	22.4
Head Test Data (100%RB) SET_1 (ENDC)											
Right cheek	100	QPSK 270_0	633334/3500	50%	0.672	-0.11	16.44	15.50	0.805	0.541	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	100	QPSK 1_1	633334/3500	50%	0.211	-0.02	19.69	20.50	1.205	0.254	22.4
Back side	100	QPSK 1_1	633334/3500	50%	0.325	0.19	19.69	20.50	1.205	0.392	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	100	QPSK 135_69	633334/3500	50%	0.238	-0.17	19.54	20.50	1.247	0.297	22.4
Back side	100	QPSK 135_69	633334/3500	50%	0.464	-0.02	19.54	20.50	1.247	0.579	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	100	QPSK 1_1	633334/3500	50%	0.156	-0.19	18.56	19.50	1.242	0.194	22.4
Back side	100	QPSK 1_1	633334/3500	50%	0.358	-0.12	18.56	19.50	1.242	0.445	22.4
Left side	100	QPSK 1_1	633334/3500	50%	0.479	-0.16	18.56	19.50	1.242	0.595	22.4
Top side	100	QPSK 1_1	633334/3500	50%	0.154	0.16	18.56	19.50	1.242	0.191	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	100	QPSK 135_69	633334/3500	50%	0.221	-0.13	18.47	19.50	1.268	0.280	22.4
Back side	100	QPSK 135_69	633334/3500	50%	0.515	0.17	18.47	19.50	1.268	0.653	22.4
Left side	100	QPSK 135_69	633334/3500	50%	0.682	0.08	18.47	19.50	1.268	0.865	22.4
Top side	100	QPSK 135_69	633334/3500	50%	0.129	-0.12	18.47	19.50	1.268	0.164	22.4
Hotspot Test data (Separate 10mm 100%RB) SET_3											
Front side	100	QPSK 270_0	633334/3500	50%	0.417	0.18	17.45	18.50	1.274	0.531	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated
Right cheek	633334/3500	0.913	0.907	1.007	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.					

10.3.22 SAR Result of NR Band n78 (3550-3700)

SA N78 SAR Test Record											
Ant4 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	641666/3624.99	50%	0.133	0.12	17.79	18.50	1.178	0.157	22.4
Left tilted	100	QPSK 1_1	641666/3624.99	50%	0.124	-0.15	17.79	18.50	1.178	0.146	22.4
Right cheek	100	QPSK 1_1	641666/3624.99	50%	0.598	-0.05	17.79	18.50	1.178	0.704	22.4
Right tilted	100	QPSK 1_1	641666/3624.99	50%	0.296	-0.01	17.79	18.50	1.178	0.349	22.4
Head Test Data (50%RB) SET_1											
Left cheek	100	QPSK 135_69	641666/3624.99	50%	0.207	-0.19	17.66	18.50	1.213	0.251	22.4
Left tilted	100	QPSK 135_69	641666/3624.99	50%	0.181	-0.07	17.66	18.50	1.213	0.220	22.4
Right cheek	100	QPSK 135_69	641666/3624.99	50%	0.853	0.08	17.66	18.50	1.213	1.035	22.4
Right cheek-repeated	100	QPSK 135_69	641666/3624.99	50%	0.849	0.01	17.66	18.50	1.213	1.030	22.4
Right tilted	100	QPSK 135_69	641666/3624.99	50%	0.427	-0.11	17.66	18.50	1.213	0.518	22.4
Head Test Data (100%RB) SET_1											
Left cheek	100	QPSK 270_0	641666/3624.99	50%	0.631	-0.09	16.81	17.50	1.172	0.740	22.4
Head Test Data (1RB) SET_1 (ENDC)											
Left cheek	100	QPSK 1_1	641666/3624.99	50%	0.133	0.12	17.79	16.50	0.743	0.099	22.4
Left tilted	100	QPSK 1_1	641666/3624.99	50%	0.124	-0.15	17.79	16.50	0.743	0.092	22.4
Right cheek	100	QPSK 1_1	641666/3624.99	50%	0.598	-0.05	17.79	16.50	0.743	0.444	22.4
Right tilted	100	QPSK 1_1	641666/3624.99	50%	0.296	-0.01	17.79	16.50	0.743	0.220	22.4
Head Test Data (50%RB) SET_1 (ENDC)											
Left cheek	100	QPSK 135_69	641666/3624.99	50%	0.207	-0.19	17.66	16.50	0.766	0.159	22.4
Left tilted	100	QPSK 135_69	641666/3624.99	50%	0.181	-0.07	17.66	16.50	0.766	0.139	22.4
Right cheek	100	QPSK 135_69	641666/3624.99	50%	0.853	0.08	17.66	16.50	0.766	0.653	22.4
Right tilted	100	QPSK 135_69	641666/3624.99	50%	0.427	-0.11	17.66	16.50	0.766	0.327	22.4
Head Test Data (100%RB) SET_1 (ENDC)											
Left cheek	100	QPSK 270_0	641666/3624.99	50%	0.631	-0.09	16.81	15.50	0.740	0.467	22.4
Body worn Test data (Separate 15mm 1RB) SET_2											
Front side	100	QPSK 1_1	641666/3624.99	50%	0.108	-0.13	19.34	20.50	1.306	0.141	22.4
Back side	100	QPSK 1_1	641666/3624.99	50%	0.254	-0.17	19.34	20.50	1.306	0.332	22.4
Body worn Test data (Separate 15mm 50%RB) SET_2											
Front side	100	QPSK 135_69	641666/3624.99	50%	0.141	0.02	19.25	20.50	1.334	0.188	22.4
Back side	100	QPSK 135_69	641666/3624.99	50%	0.355	0.06	19.25	20.50	1.334	0.474	22.4
Hotspot Test data (Separate 10mm 1RB) SET_3											
Front side	100	QPSK 1_1	641666/3624.99	50%	0.192	0.06	18.70	19.50	1.202	0.231	22.4
Back side	100	QPSK 1_1	641666/3624.99	50%	0.475	-0.12	18.70	19.50	1.202	0.571	22.4
Left side	100	QPSK 1_1	641666/3624.99	50%	0.667	-0.01	18.70	19.50	1.202	0.802	22.4
Top side	100	QPSK 1_1	641666/3624.99	50%	0.151	-0.15	18.70	19.50	1.202	0.182	22.4
Hotspot Test data (Separate 10mm 50%RB) SET_3											
Front side	100	QPSK 135_69	641666/3624.99	50%	0.185	-0.03	18.53	19.50	1.250	0.231	22.4
Back side	100	QPSK 135_69	641666/3624.99	50%	0.459	0.07	18.53	19.50	1.250	0.574	22.4
Left side	100	QPSK 135_69	641666/3624.99	50%	0.659	0.09	18.53	19.50	1.250	0.824	22.4
Top side	100	QPSK 135_69	641666/3624.99	50%	0.124	0.06	18.53	19.50	1.250	0.155	22.4
Hotspot Test data (Separate 10mm 100%RB) SET_3											
Left side	100	QPSK 270_0	641666/3624.99	50%	0.627	-0.01	17.53	18.50	1.250	0.784	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated
Right cheek	641666/3624.99	0.853	0.849	1.005	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.					

10.3.23 SAR Result of WIFI 2.4G

Wi-Fi 2.4G SAR Test Record											
Ant8 Test Record chain0											
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	1/2412	100.00%	1.000	0.144	-0.09	16.62	17.00	1.091	0.157	22.5
Left tilted	802.11b	1/2412	100.00%	1.000	0.150	0.09	16.62	17.00	1.091	0.164	22.5
Right cheek	802.11b	1/2412	100.00%	1.000	0.061	-0.10	16.62	17.00	1.091	0.067	22.5
Right tilted	802.11b	1/2412	100.00%	1.000	0.065	-0.11	16.62	17.00	1.091	0.071	22.5
Head Test Data(SET_3)											
Left cheek	802.11b	1/2412	100.00%	1.000	0.144	-0.09	16.62	10.00	0.218	0.031	22.5
Left tilted	802.11b	1/2412	100.00%	1.000	0.150	0.09	16.62	10.00	0.218	0.033	22.5
Right cheek	802.11b	1/2412	100.00%	1.000	0.061	-0.10	16.62	10.00	0.218	0.013	22.5
Right tilted	802.11b	1/2412	100.00%	1.000	0.065	-0.11	16.62	10.00	0.218	0.014	22.5
Body worn Test data (Separate 15mm)(SET_1)											
Front side	802.11b	1/2412	100.00%	1.000	0.041	-0.02	19.62	20.00	1.091	0.045	22.5
Back side	802.11b	1/2412	100.00%	1.000	0.104	0.17	19.62	20.00	1.091	0.113	22.5
Hotspot Test data (Separate 10mm)(SET_2)											
Front side	802.11b	1/2412	100.00%	1.000	0.127	-0.06	19.62	20.00	1.091	0.139	22.5
Back side	802.11b	1/2412	100.00%	1.000	0.335	0.12	19.62	20.00	1.091	0.365	22.5
Right side	802.11b	1/2412	100.00%	1.000	0.081	0.14	19.62	20.00	1.091	0.088	22.5
Top side	802.11b	1/2412	100.00%	1.000	0.361	-0.10	19.62	20.00	1.091	0.394	22.5
Hotspot Test data (Separate 10mm)(SET_4)											
Front side	802.11b	1/2412	100.00%	1.000	0.127	-0.06	19.62	12.50	0.194	0.025	22.5
Back side	802.11b	1/2412	100.00%	1.000	0.335	0.12	19.62	12.50	0.194	0.065	22.5
Right side	802.11b	1/2412	100.00%	1.000	0.081	0.14	19.62	12.50	0.194	0.016	22.5
Top side	802.11b	1/2412	100.00%	1.000	0.361	-0.10	19.62	12.50	0.194	0.070	22.5
Ant9 Test Record chain1											
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	1/2412	100.00%	1.000	0.166	0.06	16.48	17.00	1.127	0.187	22.5
Left tilted	802.11b	1/2412	100.00%	1.000	0.031	0.16	16.48	17.00	1.127	0.035	22.5
Right cheek	802.11b	1/2412	100.00%	1.000	0.115	0.19	16.48	17.00	1.127	0.130	22.5
Right tilted	802.11b	1/2412	100.00%	1.000	0.013	-0.07	16.48	17.00	1.127	0.015	22.5
Head Test Data(SET_3)											
Left cheek	802.11b	1/2412	100.00%	1.000	0.166	0.06	16.48	10.00	0.225	0.037	22.5
Left tilted	802.11b	1/2412	100.00%	1.000	0.031	0.16	16.48	10.00	0.225	0.007	22.5
Right cheek	802.11b	1/2412	100.00%	1.000	0.115	0.19	16.48	10.00	0.225	0.026	22.5
Right tilted	802.11b	1/2412	100.00%	1.000	0.013	-0.07	16.48	10.00	0.225	0.003	22.5
Body worn Test data (Separate 15mm)(SET_1)											
Front side	802.11b	6/2437	100.00%	1.000	0.084	-0.04	19.57	20.00	1.104	0.093	22.5
Back side	802.11b	6/2437	100.00%	1.000	0.185	0.06	19.57	20.00	1.104	0.204	22.5
Hotspot Test data (Separate 10mm)(SET_2)											
Front side	802.11b	6/2437	100.00%	1.000	0.238	-0.09	19.57	20.00	1.104	0.263	22.5
Back side	802.11b	6/2437	100.00%	1.000	0.597	0.15	19.57	20.00	1.104	0.659	22.5
Right side	802.11b	6/2437	100.00%	1.000	0.370	-0.08	19.57	20.00	1.104	0.408	22.5

Hotspot Test data (Separate 10mm)(SET_4)											
Front side	802.11b	6/2437	100.00%	1.000	0.238	-0.09	19.57	12.50	0.196	0.047	22.5
Back side	802.11b	6/2437	100.00%	1.000	0.597	0.15	19.57	12.50	0.196	0.117	22.5
Right side	802.11b	6/2437	100.00%	1.000	0.370	-0.08	19.57	12.50	0.196	0.073	22.5
MIMO 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	1/2412	100.00%	1.000	0.183	0.01	19.56	20.00	1.106	0.202	22.5
Left tilted	802.11b	1/2412	100.00%	1.000	0.163	-0.13	19.56	20.00	1.106	0.180	22.5
Right cheek	802.11b	1/2412	100.00%	1.000	0.133	-0.13	19.56	20.00	1.106	0.147	22.5
Right tilted	802.11b	1/2412	100.00%	1.000	0.067	0.09	19.56	20.00	1.106	0.074	22.5
Head Test Data(SET_3)											
Left cheek	802.11b	1/2412	100.00%	1.000	0.183	0.01	19.56	13.00	0.221	0.040	22.5
Left tilted	802.11b	1/2412	100.00%	1.000	0.163	-0.13	19.56	13.00	0.221	0.036	22.5
Right cheek	802.11b	1/2412	100.00%	1.000	0.133	-0.13	19.56	13.00	0.221	0.029	22.5
Right tilted	802.11b	1/2412	100.00%	1.000	0.067	0.09	19.56	13.00	0.221	0.015	22.5
Body worn Test data (Separate 15mm)(SET_1)											
Front side	802.11b	1/2412	100.00%	1.000	0.100	-0.05	22.57	23.00	1.105	0.111	22.5
Back side	802.11b	1/2412	100.00%	1.000	0.243	0.06	22.57	23.00	1.105	0.269	22.5
Hotspot Test data (Separate 10mm)(SET_2)											
Front side	802.11b	1/2412	100.00%	1.000	0.239	-0.04	22.57	23.00	1.105	0.264	22.5
Back side	802.11b	1/2412	100.00%	1.000	0.636	0.04	22.57	23.00	1.105	0.703	22.5
Right side	802.11b	1/2412	100.00%	1.000	0.490	0.03	22.57	23.00	1.105	0.541	22.5
Top side	802.11b	1/2412	100.00%	1.000	0.255	-0.01	22.57	23.00	1.105	0.282	22.5
Hotspot Test data (Separate 10mm)(SET_2)											
Front side	802.11b	1/2412	100.00%	1.000	0.239	-0.04	22.57	15.50	0.197	0.047	22.5
Back side	802.11b	1/2412	100.00%	1.000	0.636	0.04	22.57	15.50	0.197	0.125	22.5
Right side	802.11b	1/2412	100.00%	1.000	0.490	0.03	22.57	15.50	0.197	0.097	22.5
Top side	802.11b	1/2412	100.00%	1.000	0.255	-0.01	22.57	15.50	0.197	0.050	22.5

10.3.24 SAR Result of WIFI 5G

Wi-Fi 5G SAR Test Record											
Ant12 Test Record chain0											
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	52/5260	100.00%	1.000	0.529	0.09	15.99	17.00	1.262	0.668	22.3
Left tilted	802.11a	52/5260	100.00%	1.000	0.421	0.10	15.99	17.00	1.262	0.531	22.3
Right cheek	802.11a	52/5260	100.00%	1.000	0.305	-0.06	15.99	17.00	1.262	0.385	22.3
Right tilted	802.11a	52/5260	100.00%	1.000	0.294	-0.14	15.99	17.00	1.262	0.371	22.3
Head Test Data of U-NII-2C(SET_0)											
Left cheek	802.11a	100/5500	100.00%	1.000	0.562	0.14	16.18	17.00	1.208	0.679	22.4
Left tilted	802.11a	100/5500	100.00%	1.000	0.493	0.04	16.18	17.00	1.208	0.596	22.4
Right cheek	802.11a	100/5500	100.00%	1.000	0.353	-0.16	16.18	17.00	1.208	0.426	22.4
Right tilted	802.11a	100/5500	100.00%	1.000	0.357	0.02	16.18	17.00	1.208	0.431	22.4
Head Test Data of U-NII-3(SET_0)											
Left cheek	802.11a	165/5825	100.00%	1.000	0.452	-0.03	15.93	17.00	1.279	0.578	22.4
Left tilted	802.11a	165/5825	100.00%	1.000	0.404	-0.12	15.93	17.00	1.279	0.517	22.4
Right cheek	802.11a	165/5825	100.00%	1.000	0.265	0.01	15.93	17.00	1.279	0.339	22.4
Right tilted	802.11a	165/5825	100.00%	1.000	0.271	0.02	15.93	17.00	1.279	0.347	22.4
Head Test Data of U-NII-2A(SET_3)											
Left cheek	802.11a	52/5260	100.00%	1.000	0.529	0.09	15.99	13.50	0.564	0.298	22.3
Left tilted	802.11a	52/5260	100.00%	1.000	0.421	0.10	15.99	13.50	0.564	0.237	22.3
Right cheek	802.11a	52/5260	100.00%	1.000	0.305	-0.06	15.99	13.50	0.564	0.172	22.3
Right tilted	802.11a	52/5260	100.00%	1.000	0.294	-0.14	15.99	13.50	0.564	0.166	22.3
Head Test Data of U-NII-2C(SET_3)											
Left cheek	802.11a	100/5500	100.00%	1.000	0.562	0.14	16.18	13.50	0.540	0.303	22.4
Left tilted	802.11a	100/5500	100.00%	1.000	0.493	0.04	16.18	13.50	0.540	0.266	22.4
Right cheek	802.11a	100/5500	100.00%	1.000	0.353	-0.16	16.18	13.50	0.540	0.191	22.4
Right tilted	802.11a	100/5500	100.00%	1.000	0.357	0.02	16.18	13.50	0.540	0.193	22.4
Head Test Data of U-NII-3(SET_3)											
Left cheek	802.11a	165/5825	100.00%	1.000	0.452	-0.03	15.93	13.50	0.571	0.258	22.4
Left tilted	802.11a	165/5825	100.00%	1.000	0.404	-0.12	15.93	13.50	0.571	0.231	22.4
Right cheek	802.11a	165/5825	100.00%	1.000	0.265	0.01	15.93	13.50	0.571	0.151	22.4
Right tilted	802.11a	165/5825	100.00%	1.000	0.271	0.02	15.93	13.50	0.571	0.155	22.4
Body worn Test data of U-NII-2C (Separate 15mm) (SET_2)											
Front side	802.11a	52/5260	100.00%	1.000	0.110	0.05	18.13	19.00	1.222	0.134	22.3
Back side	802.11a	52/5260	100.00%	1.000	0.158	0.13	18.13	19.00	1.222	0.193	22.3
Body worn Test data of U-NII-2C (Separate 15mm) (SET_2)											
Front side	802.11a	104/5520	100.00%	1.000	0.170	-0.05	18.27	19.00	1.183	0.201	22.4
Back side	802.11a	104/5520	100.00%	1.000	0.208	-0.13	18.27	19.00	1.183	0.246	22.4
Body worn Test data of U-NII-3 (Separate 15mm) (SET_2)											
Front side	802.11a	161/5805	100.00%	1.000	0.136	0.04	18.05	19.00	1.245	0.169	22.4
Back side	802.11a	161/5805	100.00%	1.000	0.212	0.16	18.05	19.00	1.245	0.264	22.4
Body worn Test data of U-NII-2C (Separate 15mm) (SET_5)											
Front side	802.11a	52/5260	100.00%	1.000	0.110	0.05	18.13	12.50	0.274	0.030	22.3
Back side	802.11a	52/5260	100.00%	1.000	0.158	0.13	18.13	12.50	0.274	0.043	22.3
Body worn Test data of U-NII-2C (Separate 15mm) (SET_5)											
Front side	802.11a	104/5520	100.00%	1.000	0.170	-0.05	18.27	12.50	0.265	0.045	22.4

Back side	802.11a	104/5520	100.00%	1.000	0.208	-0.13	18.27	12.50	0.265	0.055	22.4
Body worn Test data of U-NII-3 (Separate 15mm) (SET_5)											
Front side	802.11a	161/5805	100.00%	1.000	0.136	0.04	18.05	12.50	0.279	0.038	22.4
Back side	802.11a	161/5805	100.00%	1.000	0.212	0.16	18.05	12.50	0.279	0.059	22.4
Hotspot Test data of U-NII-1 (Separate 10mm) (SET_1)											
Front side	802.11a	48/5240	100.00%	1.000	0.147	0.06	17.90	19.00	1.288	0.189	22.3
Back side	802.11a	48/5240	100.00%	1.000	0.217	-0.13	17.90	19.00	1.288	0.279	22.3
Right side	802.11a	48/5240	100.00%	1.000	0.055	0.06	17.90	19.00	1.288	0.071	22.3
Top side	802.11a	48/5240	100.00%	1.000	0.164	-0.06	17.90	19.00	1.288	0.211	22.3
Hotspot Test data of U-NII-3 (Separate 10mm) (SET_1)											
Front side	802.11a	161/5805	100.00%	1.000	0.148	0.14	18.05	19.00	1.245	0.184	22.4
Back side	802.11a	161/5805	100.00%	1.000	0.262	0.03	18.05	19.00	1.245	0.326	22.4
Right side	802.11a	161/5805	100.00%	1.000	0.050	-0.01	18.05	19.00	1.245	0.062	22.4
Top side	802.11a	161/5805	100.00%	1.000	0.143	0.11	18.05	19.00	1.245	0.178	22.4
Hotspot Test data of U-NII-1 (Separate 10mm) (SET_4)											
Front side	802.11a	48/5240	100.00%	1.000	0.147	0.06	17.90	13.50	0.363	0.053	22.3
Back side	802.11a	48/5240	100.00%	1.000	0.217	-0.13	17.90	13.50	0.363	0.079	22.3
Right side	802.11a	48/5240	100.00%	1.000	0.055	0.06	17.90	13.50	0.363	0.020	22.3
Top side	802.11a	48/5240	100.00%	1.000	0.164	-0.06	17.90	13.50	0.363	0.060	22.3
Hotspot Test data of U-NII-3 (Separate 10mm) (SET_4)											
Front side	802.11a	161/5805	100.00%	1.000	0.148	0.14	18.05	13.50	0.351	0.052	22.4
Back side	802.11a	161/5805	100.00%	1.000	0.262	0.03	18.05	13.50	0.351	0.092	22.4
Right side	802.11a	161/5805	100.00%	1.000	0.050	-0.01	18.05	13.50	0.351	0.018	22.4
Top side	802.11a	161/5805	100.00%	1.000	0.143	0.11	18.05	13.50	0.351	0.050	22.4
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_2)											
Front side	802.11a	52/5260	100.00%	1.000	0.192	0.02	18.13	19.00	1.222	0.235	22.3
Back side	802.11a	52/5260	100.00%	1.000	0.115	0.12	18.13	19.00	1.222	0.141	22.3
Right side	802.11a	52/5260	100.00%	1.000	0.049	0.12	18.13	19.00	1.222	0.060	22.3
Top side	802.11a	52/5260	100.00%	1.000	0.199	-0.18	18.13	19.00	1.222	0.243	22.3
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm) (SET_2)											
Front side	802.11a	104/5520	100.00%	1.000	0.222	0.13	18.27	19.00	1.183	0.263	22.4
Back side	802.11a	104/5520	100.00%	1.000	0.135	-0.17	18.27	19.00	1.183	0.160	22.4
Right side	802.11a	104/5520	100.00%	1.000	0.041	-0.07	18.27	19.00	1.183	0.049	22.4
Top side	802.11a	104/5520	100.00%	1.000	0.227	-0.14	18.27	19.00	1.183	0.269	22.4
Ant10 Test Record chain1											
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	52/5260	100.00%	1.000	0.555	0.14	16.03	17.00	1.250	0.694	22.3
Left tilted	802.11a	52/5260	100.00%	1.000	0.221	-0.10	16.03	17.00	1.250	0.276	22.3
Right cheek	802.11a	52/5260	100.00%	1.000	0.154	-0.15	16.03	17.00	1.250	0.193	22.3
Right tilted	802.11a	52/5260	100.00%	1.000	0.086	-0.13	16.03	17.00	1.250	0.108	22.3
Head Test Data of U-NII-2C(SET_0)											
Left cheek	802.11a	144/5720	100.00%	1.000	0.347	-0.10	16.50	17.00	1.122	0.389	22.4
Left tilted	802.11a	144/5720	100.00%	1.000	0.145	0.14	16.50	17.00	1.122	0.163	22.4
Right cheek	802.11a	144/5720	100.00%	1.000	0.094	0.14	16.50	17.00	1.122	0.105	22.4
Right tilted	802.11a	144/5720	100.00%	1.000	0.073	-0.16	16.50	17.00	1.122	0.082	22.4

Head Test Data of U-NII-3(SET_0)											
Left cheek	802.11a	153/5765	100.00%	1.000	0.302	0.03	16.68	17.00	1.076	0.325	22.4
Left tilted	802.11a	153/5765	100.00%	1.000	0.141	-0.04	16.68	17.00	1.076	0.152	22.4
Right cheek	802.11a	153/5765	100.00%	1.000	0.102	0.19	16.68	17.00	1.076	0.110	22.4
Right tilted	802.11a	153/5765	100.00%	1.000	0.059	0.02	16.68	17.00	1.076	0.063	22.4
Head Test Data of U-NII-2A(SET_3)											
Left cheek	802.11a	52/5260	100.00%	1.000	0.555	0.14	16.03	13.50	0.558	0.310	22.3
Left tilted	802.11a	52/5260	100.00%	1.000	0.221	-0.10	16.03	13.50	0.558	0.123	22.3
Right cheek	802.11a	52/5260	100.00%	1.000	0.154	-0.15	16.03	13.50	0.558	0.086	22.3
Right tilted	802.11a	52/5260	100.00%	1.000	0.086	-0.13	16.03	13.50	0.558	0.048	22.3
Head Test Data of U-NII-2C(SET_3)											
Left cheek	802.11a	144/5720	100.00%	1.000	0.347	-0.10	16.50	13.50	0.501	0.174	22.4
Left tilted	802.11a	144/5720	100.00%	1.000	0.145	0.14	16.50	13.50	0.501	0.073	22.4
Right cheek	802.11a	144/5720	100.00%	1.000	0.094	0.14	16.50	13.50	0.501	0.047	22.4
Right tilted	802.11a	144/5720	100.00%	1.000	0.073	-0.16	16.50	13.50	0.501	0.037	22.4
Head Test Data of U-NII-3(SET_3)											
Left cheek	802.11a	153/5765	100.00%	1.000	0.302	0.03	16.68	13.50	0.481	0.145	22.4
Left tilted	802.11a	153/5765	100.00%	1.000	0.141	-0.04	16.68	13.50	0.481	0.068	22.4
Right cheek	802.11a	153/5765	100.00%	1.000	0.102	0.19	16.68	13.50	0.481	0.049	22.4
Right tilted	802.11a	153/5765	100.00%	1.000	0.059	0.02	16.68	13.50	0.481	0.028	22.4
Body worn Test data of U-NII-2A (Separate 15mm) (SET_2)											
Front side	802.11a	52/5260	100.00%	1.000	0.164	0.14	18.13	19.00	1.222	0.200	22.3
Back side	802.11a	52/5260	100.00%	1.000	0.452	0.04	18.13	19.00	1.222	0.552	22.3
Body worn Test data of U-NII-2C (Separate 15mm) (SET_2)											
Front side	802.11a	144/5720	100.00%	1.000	0.146	0.19	18.64	19.00	1.086	0.159	22.4
Back side	802.11a	144/5720	100.00%	1.000	0.350	-0.19	18.64	19.00	1.086	0.380	22.4
Body worn Test data of U-NII-3 (Separate 15mm) (SET_2)											
Front side	802.11a	149/5745	100.00%	1.000	0.125	0.02	18.77	19.00	1.054	0.132	22.4
Back side	802.11a	149/5745	100.00%	1.000	0.353	-0.03	18.77	19.00	1.054	0.372	22.4
Body worn Test data of U-NII-2A (Separate 15mm) (SET_5)											
Front side	802.11a	52/5260	100.00%	1.000	0.164	0.14	18.13	12.50	0.274	0.045	22.3
Back side	802.11a	52/5260	100.00%	1.000	0.452	0.04	18.13	12.50	0.274	0.124	22.3
Body worn Test data of U-NII-2C (Separate 15mm) (SET_5)											
Front side	802.11a	144/5720	100.00%	1.000	0.146	0.19	18.64	12.50	0.243	0.035	22.4
Back side	802.11a	144/5720	100.00%	1.000	0.350	-0.19	18.64	12.50	0.243	0.085	22.4
Body worn Test data of U-NII-3 (Separate 15mm) (SET_5)											
Front side	802.11a	149/5745	100.00%	1.000	0.125	0.02	18.77	12.50	0.236	0.030	22.4
Back side	802.11a	149/5745	100.00%	1.000	0.353	-0.03	18.77	12.50	0.236	0.083	22.4
Hotspot Test data of U-NII-1 (Separate 10mm) (SET_1)											
Front side	802.11a	40/5200	100.00%	1.000	0.177	0.09	18.15	19.00	1.216	0.215	22.3
Back side	802.11a	40/5200	100.00%	1.000	0.412	0.08	18.15	19.00	1.216	0.501	22.3
Right side	802.11a	40/5200	100.00%	1.000	0.576	-0.04	18.15	19.00	1.216	0.700	22.3
Top side	802.11a	40/5200	100.00%	1.000	0.093	0.16	18.15	19.00	1.216	0.113	22.3
Hotspot Test data of U-NII-3 (Separate 10mm) (SET_1)											
Front side	802.11a	153/5765	100.00%	1.000	0.152	0.06	18.77	19.00	1.054	0.160	22.4
Back side	802.11a	153/5765	100.00%	1.000	0.385	-0.10	18.77	19.00	1.054	0.406	22.4
Right side	802.11a	153/5765	100.00%	1.000	0.666	0.02	18.77	19.00	1.054	0.702	22.4
Top side	802.11a	153/5765	100.00%	1.000	0.061	-0.16	18.77	19.00	1.054	0.064	22.4
Hotspot Test data of U-NII-1 (Separate 10mm) (SET_4)											
Front side	802.11a	40/5200	100.00%	1.000	0.177	0.09	18.15	13.50	0.343	0.061	22.3
Back side	802.11a	40/5200	100.00%	1.000	0.412	0.08	18.15	13.50	0.343	0.141	22.3