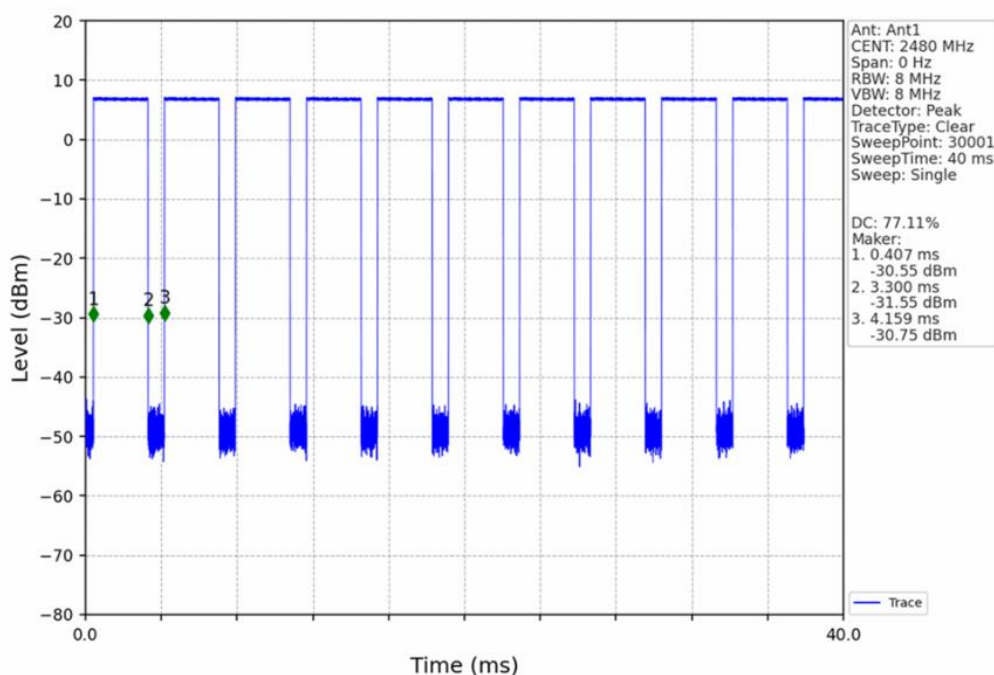


- 1) When the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured.
- 2) When the same highest maximum output power is specified for multiple largest channel bandwidth configurations with the same lowest order modulation or lowest order modulation and lowest data rate, power measurement is required for all equivalent 802.11 configurations with the same maximum output power.

9) . The conducted power of BT is measured with RMS detector.

BT DH5 Duty Cycle=77.11%



8.2 Measurement of SAR Data

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B.
- 2) Per KDB447498 D01, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - $\leq 0.8\text{W/kg}$ for 1-g or 2.0W/kg for 10-g respectively, when the transmission band is $\leq 100\text{MHz}$.
 - $\leq 0.6\text{ W/kg}$ or 1.5 W/kg , for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz.
 - $\leq 0.4\text{ W/kg}$ or 1.0 W/kg , for 1-g or 10-g respectively, when the transmission band is $\geq 200\text{ MHz}$.

WiFi 2.4G:

- 1) When the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is $\leq 1.2\text{ W/kg}$, SAR test for the other 802.11 modes are not required.

WiFi 5G:

- 1) When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. As the highest reported SAR for a test configuration is $\leq 1.2\text{ W/kg}$, SAR is not required for U-NII-1 band for that configuration.
- 2) For Wi-Fi 5G, U-NII-2A (5250-5350 MHz) and U-NII-2C (5470-5725 MHz) bands does not support hotspot function.

When the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is $\leq 1.2\text{ W/kg}$, SAR test for the other 802.11 modes are not required.

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8.2.1 SAR Result of WCDMA Band II

WB2 SAR Test Record											
Ant 2 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI 3											
Left cheek	RMC	9400/1880	1:1	0.135	0.081	0.03	18.70	19.50	1.202	0.162	22.1
Left tilted	RMC	9400/1880	1:1	0.048	0.029	-0.07	18.70	19.50	1.202	0.058	22.1
Right cheek	RMC	9400/1880	1:1	0.081	0.051	0.10	18.70	19.50	1.202	0.097	22.1
Right tilted	RMC	9400/1880	1:1	0.080	0.047	-0.10	18.70	19.50	1.202	0.096	22.1
Body worn Test data(Separate 15mm) DSI 4											
Front side	RMC	9400/1880	1:1	0.176	0.095	0.03	18.70	19.50	1.202	0.212	22.1
Back side	RMC	9400/1880	1:1	0.247	0.134	0.00	18.70	19.50	1.202	0.297	22.1
Hotspot Test data(Separate 10mm) DSI 4											
Front side	RMC	9400/1880	1:1	0.385	0.191	-0.10	18.70	19.50	1.202	0.463	22.1
Back side	RMC	9400/1880	1:1	0.529	0.257	-0.11	18.70	19.50	1.202	0.636	22.1
Left side	RMC	9400/1880	1:1	0.818	0.401	0.15	18.70	19.50	1.202	0.983	22.1
Right side	RMC	9400/1880	1:1	0.020	0.012	-0.17	18.70	19.50	1.202	0.024	22.1
Bottom side	RMC	9400/1880	1:1	0.112	0.059	-0.09	18.70	19.50	1.202	0.135	22.1
Left side	RMC	9262/1852.4	1:1	0.422	0.213	0.18	18.73	19.50	1.194	0.504	22.1
Left side	RMC	9538/1907.6	1:1	0.652	0.323	0.10	18.59	19.50	1.233	0.804	22.1
Ant 3 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI 3											
Left cheek	RMC	9400/1880	1:1	0.145	0.090	0.01	15.07	16.50	1.390	0.202	22.1
Left tilted	RMC	9400/1880	1:1	0.064	0.038	0.07	15.07	16.50	1.390	0.089	22.1
Right cheek	RMC	9400/1880	1:1	0.581	0.273	-0.10	15.07	16.50	1.390	0.808	22.1
Right tilted	RMC	9400/1880	1:1	0.189	0.097	0.17	15.07	16.50	1.390	0.263	22.1
Right cheek	RMC	9262/1852.4	1:1	0.463	0.239	0.02	15.23	16.50	1.340	0.620	22.1
Right cheek	RMC	9538/1907.6	1:1	0.515	0.264	-0.18	15.14	16.50	1.368	0.704	22.1
Body worn Test data(Separate 15mm) DSI 4											
Front side	RMC	9400/1880	1:1	0.267	0.152	0.02	20.85	22.00	1.303	0.348	22.1
Back side	RMC	9400/1880	1:1	0.506	0.300	-0.10	20.85	22.00	1.303	0.659	22.1
Back side	RMC	9262/1852.4	1:1	0.262	0.147	-0.11	20.82	22.00	1.312	0.344	22.1
Back side	RMC	9538/1907.6	1:1	0.308	0.171	0.13	20.88	22.00	1.294	0.399	22.1
Hotspot Test data(Separate 10mm) DSI 4											
Front side	RMC	9400/1880	1:1	0.415	0.215	-0.04	20.85	22.00	1.303	0.541	22.1
Back side	RMC	9400/1880	1:1	0.467	0.243	0.06	20.85	22.00	1.303	0.609	22.1
Left side	RMC	9400/1880	1:1	0.609	0.341	0.01	20.85	22.00	1.303	0.794	22.1
Right side	RMC	9400/1880	1:1	0.028	0.017	-0.03	20.85	22.00	1.303	0.036	22.1
Top side	RMC	9400/1880	1:1	0.081	0.046	-0.04	20.85	22.00	1.303	0.106	22.1



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8.2.2 SAR Result of WCDMA Band IV

WB4 SAR Test Record											
Ant 2 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI 3											
Left cheek	RMC	1412/1732.4	1:1	0.133	0.081	0.03	20.89	21.50	1.151	0.153	22.3
Left tilted	RMC	1412/1732.4	1:1	0.058	0.037	-0.19	20.89	21.50	1.151	0.067	22.3
Right cheek	RMC	1412/1732.4	1:1	0.074	0.047	-0.13	20.89	21.50	1.151	0.085	22.3
Right tilted	RMC	1412/1732.4	1:1	0.068	0.043	0.09	20.89	21.50	1.151	0.078	22.3
Body worn Test data(Separate 15mm) DSI 4											
Front side	RMC	1412/1732.4	1:1	0.190	0.101	-0.02	20.89	21.50	1.151	0.219	22.1
Back side	RMC	1412/1732.4	1:1	0.236	0.134	-0.07	20.89	21.50	1.151	0.272	22.1
Hotspot Test data(Separate 10mm) DSI 4											
Front side	RMC	1412/1732.4	1:1	0.558	0.286	0.03	20.89	21.50	1.151	0.642	22.1
Back side	RMC	1412/1732.4	1:1	0.727	0.358	-0.10	20.89	21.50	1.151	0.837	22.1
Left side	RMC	1412/1732.4	1:1	0.812	0.393	-0.02	20.89	21.50	1.151	0.934	22.1
Left side-Repeated	RMC	1412/1732.4	1:1	0.798	0.375	-0.09	20.89	21.50	1.151	0.918	22.1
Right side	RMC	1412/1732.4	1:1	0.011	0.005	0.04	20.89	21.50	1.151	0.013	22.1
Bottom side	RMC	1412/1732.4	1:1	0.126	0.076	0.01	20.89	21.50	1.151	0.145	22.1
Back side	RMC	1312/1712.4	1:1	0.697	0.342	-0.11	20.83	21.50	1.167	0.813	22.1
Back side	RMC	1513/1752.6	1:1	0.715	0.361	0.04	20.89	21.50	1.151	0.823	22.1
Left side	RMC	1312/1712.4	1:1	0.544	0.263	0.13	20.83	21.50	1.167	0.635	22.1
Left side	RMC	1513/1752.6	1:1	0.722	0.266	0.10	20.89	21.50	1.151	0.831	22.1
Ant 3 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI 3											
Left cheek	RMC	1412/1732.4	1:1	0.168	0.104	-0.13	14.85	16.00	1.303	0.219	22.3
Left tilted	RMC	1412/1732.4	1:1	0.062	0.038	-0.18	14.85	16.00	1.303	0.081	22.3
Right cheek	RMC	1412/1732.4	1:1	0.615	0.286	0.10	14.85	16.00	1.303	0.801	22.3
Right tilted	RMC	1412/1732.4	1:1	0.158	0.083	0.16	14.85	16.00	1.303	0.206	22.3
Right cheek	RMC	1312/1712.4	1:1	0.577	0.291	0.11	14.30	16.00	1.479	0.853	22.3
Right cheek	RMC	1513/1752.6	1:1	0.693	0.315	0.03	14.78	16.00	1.324	0.918	22.3
Body worn Test data(Separate 15mm) DSI 4											
Front side	RMC	1412/1732.4	1:1	0.145	0.086	0.17	20.97	22.00	1.268	0.184	22.1
Back side	RMC	1412/1732.4	1:1	0.174	0.107	-0.19	20.97	22.00	1.268	0.221	22.1
Hotspot Test data(Separate 10mm) DSI 4											
Front side	RMC	1412/1732.4	1:1	0.466	0.245	-0.13	20.97	22.00	1.268	0.591	22.1
Back side	RMC	1412/1732.4	1:1	0.500	0.264	-0.04	20.97	22.00	1.268	0.634	22.1
Left side	RMC	1412/1732.4	1:1	0.659	0.342	-0.03	20.97	22.00	1.268	0.835	22.1



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Right side	RMC	1412/1732.4	1:1	0.050	0.029	0.17	20.97	22.00	1.268	0.063	22.1
Top side	RMC	1412/1732.4	1:1	0.125	0.066	-0.09	20.97	22.00	1.268	0.158	22.1
Left side	RMC	1312/1712.4	1:1	0.603	0.312	-0.01	20.34	22.00	1.466	0.884	22.1
Left side	RMC	1513/1752.6	1:1	0.732	0.376	0.10	20.85	22.00	1.303	0.954	22.1

Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Left side	1412/1732.4	0.812	0.796	1.020	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.



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8.2.3 SAR Result of WCDMA Band V

WB5 SAR Test Record											
Ant 0 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI 3											
Left cheek	RMC	4182/836.4	1:1	0.188	0.134	-0.11	24.35	25.00	1.161	0.218	22.3
Left tilted	RMC	4182/836.4	1:1	0.143	0.106	-0.16	24.35	25.00	1.161	0.166	22.3
Right cheek	RMC	4182/836.4	1:1	0.301	0.215	0.18	24.35	25.00	1.161	0.350	22.3
Right tilted	RMC	4182/836.4	1:1	0.194	0.144	-0.12	24.35	25.00	1.161	0.225	22.3
Body worn Test data(Separate 15mm) DSI											
Front side	RMC	4182/836.4	1:1	0.199	0.141	0.10	24.35	25.00	1.161	0.231	22.3
Back side	RMC	4182/836.4	1:1	0.226	0.163	-0.19	24.35	25.00	1.161	0.262	22.3
Hotspot Test data(Separate 10mm) DSI											
Front side	RMC	4182/836.4	1:1	0.317	0.187	-0.14	24.35	25.00	1.161	0.368	22.3
Back side	RMC	4182/836.4	1:1	0.402	0.234	-0.05	24.35	25.00	1.161	0.467	22.3
Left side	RMC	4182/836.4	1:1	0.125	0.082	-0.13	24.35	25.00	1.161	0.145	22.3
Right side	RMC	4182/836.4	1:1	0.452	0.293	-0.08	24.35	25.00	1.161	0.525	22.3
Bottom side	RMC	4182/836.4	1:1	0.213	0.119	0.18	24.35	25.00	1.161	0.247	22.3
Ant 1 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI3											
Left cheek	RMC	4233/846.6	1:1	0.777	0.405	0.07	20.97	21.50	1.130	0.878	22.3
Left tilted	RMC	4233/846.6	1:1	0.110	0.069	0.00	20.97	21.50	1.130	0.124	22.3
Right cheek	RMC	4233/846.6	1:1	0.379	0.230	0.09	20.97	21.50	1.130	0.428	22.3
Right tilted	RMC	4233/846.6	1:1	0.080	0.055	0.13	20.97	21.50	1.130	0.090	22.3
Left cheek	RMC	4132/826.4	1:1	0.702	0.367	0.18	20.87	21.50	1.156	0.812	22.3
Left cheek	RMC	4182/836.4	1:1	0.726	0.393	0.10	20.60	21.50	1.230	0.893	22.3
Body worn Test data(Separate 15mm) DSI4											
Front side	RMC	4233/846.6	1:1	0.352	0.214	-0.08	23.29	24.00	1.178	0.415	22.3
Back side	RMC	4233/846.6	1:1	0.511	0.342	-0.14	23.29	24.00	1.178	0.602	22.3
Hotspot Test data(Separate 10mm) DSI4											
Front side	RMC	4233/846.6	1:1	0.627	0.357	-0.17	23.29	24.00	1.178	0.738	22.3
Back side	RMC	4233/846.6	1:1	0.677	0.386	-0.04	23.29	24.00	1.178	0.797	22.3
Left side	RMC	4233/846.6	1:1	0.834	0.458	-0.06	23.29	24.00	1.178	0.982	22.3
Right side	RMC	4233/846.6	1:1	0.065	0.043	-0.07	23.29	24.00	1.178	0.077	22.3
Top side	RMC	4233/846.6	1:1	0.018	0.010	-0.11	23.29	24.00	1.178	0.021	22.3
Left side	RMC	4132/826.4	1:1	0.842	0.469	0.01	23.21	24.00	1.199	1.010	22.3
Left side	RMC	4182/836.4	1:1	0.846	0.532	-0.07	22.99	24.00	1.262	1.068	22.3
Left side-Repeated	RMC	4182/836.4	1:1	0.835	0.519	-0.07	22.99	24.00	1.262	1.054	22.3



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Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)		SAR (1g)		SAR (1g)	SAR (1g)
Left side	4182/836.4	0.846	0.835	1.013	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 preformed 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 preformed 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.



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8.2.4 SAR Result of LTE Band 7

LTE Band 7 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI3												
Left cheek	20	QPSK 1_0	21100/2535	1:1	0.203	0.105	0.03	19.83	20.00	1.040	0.211	22.1
Left tilted	20	QPSK 1_0	21100/2535	1:1	0.039	0.023	0.00	19.83	20.00	1.040	0.041	22.1
Right cheek	20	QPSK 1_0	21100/2535	1:1	0.123	0.065	0.03	19.83	20.00	1.040	0.128	22.1
Right tilted	20	QPSK 1_0	21100/2535	1:1	0.058	0.030	0.07	19.83	20.00	1.040	0.060	22.1
Left cheek	20	QPSK PCC 1_99	20850/2510	1:1	0.184	0.096	0.03	19.48	20.00	1.127	0.207	22.1
		QPSK SCC 1_0	21048/2529.8									
Head Test Data (50%RB) DSI3												
Left cheek	20	QPSK 50_25	21100/2535	1:1	0.163	0.084	0.17	19.39	20.00	1.151	0.188	22.1
Left tilted	20	QPSK 50_25	21100/2535	1:1	0.031	0.018	0.13	19.39	20.00	1.151	0.036	22.1
Right cheek	20	QPSK 50_25	21100/2535	1:1	0.089	0.048	0.08	19.39	20.00	1.151	0.102	22.1
Right tilted	20	QPSK 50_25	21100/2535	1:1	0.047	0.024	-0.04	19.39	20.00	1.151	0.054	22.1
Body worn Test data (Separate 15mm 1RB) DS4												
Front side	20	QPSK 1_0	21100/2535	1:1	0.203	0.098	-0.02	19.83	20.00	1.040	0.211	22.3
Back side	20	QPSK 1_0	21100/2535	1:1	0.221	0.125	-0.18	19.83	20.00	1.040	0.230	22.3
Back side	20	QPSK PCC 1_99	20850/2510	1:1	0.196	0.106	0.05	19.48	20.00	1.127	0.221	22.3
		QPSK SCC 1_0	21048/2529.8									
Body worn Test data (Separate 15mm 50%RB) DSI4												
Front side	20	QPSK 50_25	21100/2535	1:1	0.163	0.079	-0.12	19.39	20.00	1.151	0.188	22.3
Back side	20	QPSK 50_25	21100/2535	1:1	0.206	0.106	0.07	19.39	20.00	1.151	0.237	22.3
Hotspot Test data (Separate 10mm 1RB) DSI4												
Front side	20	QPSK 1_0	21100/2535	1:1	0.378	0.168	0.06	19.83	20.00	1.040	0.393	22.3
Back side	20	QPSK 1_0	21100/2535	1:1	0.538	0.238	-0.11	19.83	20.00	1.040	0.559	22.3
Left side	20	QPSK 1_0	21100/2535	1:1	0.831	0.350	0.07	19.83	20.00	1.040	0.864	22.3
Right side	20	QPSK 1_0	21100/2535	1:1	0.067	0.037	0.06	19.83	20.00	1.040	0.070	22.3
Bottom side	20	QPSK 1_0	21100/2535	1:1	0.485	0.225	-0.17	19.83	20.00	1.040	0.504	22.3
Left side	20	QPSK 1_50	20850/2510	1:1	0.831	0.392	-0.02	19.75	20.00	1.059	0.880	22.3
Left side	20	QPSK 1_50	21350/2560	1:1	0.738	0.321	0.18	19.73	20.00	1.064	0.785	22.3
Left side	20	QPSK PCC 1_99	20850/2510	1:1	0.774	0.629	0.01	19.48	20.00	1.127	0.872	22.3
		QPSK SCC 1_0	21048/2529.8									
Hotspot Test data (Separate 10mm 50%RB) DSI4												
Front side	20	QPSK 50_25	21100/2535	1:1	0.305	0.137	0.05	19.39	20.00	1.151	0.351	22.3
Back side	20	QPSK 50_25	21100/2535	1:1	0.399	0.178	0.08	19.39	20.00	1.151	0.459	22.3
Left side	20	QPSK 50_25	21100/2535	1:1	0.660	0.278	0.19	19.39	20.00	1.151	0.760	22.3
Right side	20	QPSK 50_25	21100/2535	1:1	0.055	0.030	0.08	19.39	20.00	1.151	0.063	22.3
Bottom side	20	QPSK 50_25	21100/2535	1:1	0.385	0.177	0.08	19.39	20.00	1.151	0.443	22.3
Left side	20	QPSK 50_0	20850/2510	1:1	0.674	0.294	-0.10	19.38	20.00	1.153	0.777	22.3
Left side	20	QPSK 50_0	21350/2560	1:1	0.613	0.267	0.00	19.35	20.00	1.161	0.712	22.3



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Hotspot Test data (Separate 10mm 100%RB) DSI4												
Left side	20	QPSK 100_0	20850/2510	1:1	0.652	0.277	0.15	19.41	20.00	1.146	0.747	22.3
Ant 3 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI3												
Left cheek	20	QPSK 1_50	21100/2535	1:1	0.459	0.221	0.10	16.52	17.50	1.253	0.575	22.1
Left tilted	20	QPSK 1_50	21100/2535	1:1	0.094	0.053	0.02	16.52	17.50	1.253	0.118	22.1
Right cheek	20	QPSK 1_50	21100/2535	1:1	0.609	0.296	0.00	16.52	17.50	1.253	0.763	22.1
Right tilted	20	QPSK 1_50	21100/2535	1:1	0.232	0.117	-0.08	16.52	17.50	1.253	0.291	22.1
Right cheek	20	QPSK 1_50	20850/2510	1:1	0.549	0.273	-0.16	16.52	17.50	1.253	0.688	22.1
Right cheek	20	QPSK 1_0	21350/2560	1:1	0.699	0.388	-0.05	16.52	17.50	1.253	0.876	22.1
Right cheek	20	QPSK PCC 1_0	21350/2560	1:1	0.656	0.365	-0.02	16.28	17.50	1.324	0.869	22.1
		QPSK SCC 1_99	21152/2540.2									
Head Test Data (50%RB) DSI3												
Left cheek	20	QPSK 50_25	21350/2560	1:1	0.365	0.167	-0.03	16.17	17.50	1.358	0.496	22.1
Left tilted	20	QPSK 50_25	21350/2560	1:1	0.073	0.041	-0.01	16.17	17.50	1.358	0.099	22.1
Right cheek	20	QPSK 50_25	21350/2560	1:1	0.598	0.275	-0.08	16.17	17.50	1.358	0.812	22.1
Right tilted	20	QPSK 50_25	21350/2560	1:1	0.174	0.087	0.01	16.17	17.50	1.358	0.236	22.1
Right cheek	20	QPSK 50_25	20850/2510	1:1	0.436	0.219	0.08	15.98	17.50	1.419	0.619	22.1
Right cheek	20	QPSK 50_0	21100/2535	1:1	0.459	0.211	0.15	16.15	17.50	1.365	0.626	22.1
Head Test Data (100%RB) DSI3												
Right cheek	20	QPSK 100_0	21100/2535	1:1	0.470	0.227	0.04	16.15	17.50	1.365	0.641	22.1
Body worn Test data (Separate 15mm 1RB) DSI4												
Front side	20	QPSK 1_0	21100/2535	1:1	0.111	0.058	-0.16	17.92	18.50	1.143	0.127	22.3
Back side	20	QPSK 1_0	21100/2535	1:1	0.146	0.079	0.02	17.92	18.50	1.143	0.167	22.3
Back side	20	QPSK PCC 1_0	21350/2560	1:1	0.132	0.065	-0.06	17.54	18.50	1.247	0.165	22.3
		QPSK SCC 1_99	21152/2540.2									
Body worn Test data (Separate 15mm 50%RB) DSI4												
Front side	20	QPSK 50_50	21100/2535	1:1	0.090	0.047	0.04	17.56	18.50	1.242	0.112	22.3
Back side	20	QPSK 50_50	21100/2535	1:1	0.116	0.062	0.12	17.56	18.50	1.242	0.144	22.3
Hotspot Test data (Separate 10mm 1RB) DSI4												
Front side	20	QPSK 1_0	21100/2535	1:1	0.258	0.120	-0.14	17.92	18.50	1.143	0.295	22.3
Back side	20	QPSK 1_0	21100/2535	1:1	0.306	0.141	0.03	17.92	18.50	1.143	0.350	22.3
Left side	20	QPSK 1_0	21100/2535	1:1	0.558	0.262	0.13	17.92	18.50	1.143	0.638	22.3
Right side	20	QPSK 1_0	21100/2535	1:1	0.012	0.006	-0.07	17.92	18.50	1.143	0.014	22.3
Top side	20	QPSK 1_0	21100/2535	1:1	0.062	0.031	0.09	17.92	18.50	1.143	0.071	22.3
Left side	20	QPSK PCC 1_0	21350/2560	1:1	0.502	0.243	-0.06	17.54	18.50	1.247	0.626	22.3
		QPSK SCC 1_99	21152/2540.2									
Hotspot Test data (Separate 10mm 50%RB) DSI4												
Front side	20	QPSK 50_50	21100/2535	1:1	0.202	0.094	-0.03	17.56	18.50	1.242	0.251	22.3
Back side	20	QPSK 50_50	21100/2535	1:1	0.233	0.111	0.10	17.56	18.50	1.242	0.289	22.3
Left side	20	QPSK 50_50	21100/2535	1:1	0.461	0.217	-0.14	17.56	18.50	1.242	0.572	22.3
Right side	20	QPSK 50_50	21100/2535	1:1	0.010	0.005	-0.19	17.56	18.50	1.242	0.012	22.3



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Top side	20	QPSK 50_50	21100/2535	1:1	0.043	0.022	0.13	17.56	18.50	1.242	0.053	22.3
Ant 4 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI3												
Left cheek	20	QPSK 1_0	20850/2510	1:1	0.319	0.171	0.14	15.38	16.50	1.294	0.413	22.1
Left tilted	20	QPSK 1_0	20850/2510	1:1	0.465	0.232	0.00	15.38	16.50	1.294	0.602	22.1
Right cheek	20	QPSK 1_0	20850/2510	1:1	0.663	0.341	0.04	15.38	16.50	1.294	0.858	22.1
Right tilted	20	QPSK 1_0	20850/2510	1:1	0.775	0.358	-0.06	15.38	16.50	1.294	1.003	22.3
Right cheek	20	QPSK 1_99	21100/2535	1:1	0.638	0.336	-0.14	15.23	16.50	1.340	0.855	22.1
Right cheek	20	QPSK 1_0	21350/2560	1:1	0.669	0.350	0.19	15.32	16.50	1.312	0.878	22.1
Right tilted	20	QPSK 1_99	21100/2535	1:1	0.729	0.346	-0.01	15.23	16.50	1.340	0.977	22.1
Right tilted	20	QPSK 1_0	21350/2560	1:1	0.754	0.358	0.09	15.32	16.50	1.312	0.989	22.1
Right tilted	20	QPSK PCC 1_99	20850/2510	1:1	0.752	0.316	-0.01	15.52	16.50	1.253	0.942	22.1
		QPSK SCC 1_0	21048/2529.8									
Head Test Data (50%RB) DSI3												
Left cheek	20	QPSK 50_25	21350/2560	1:1	0.232	0.123	0.13	15.46	16.50	1.271	0.295	22.1
Left tilted	20	QPSK 50_25	21350/2560	1:1	0.390	0.193	-0.06	15.46	16.50	1.271	0.496	22.1
Right cheek	20	QPSK 50_25	21350/2560	1:1	0.499	0.257	0.13	15.46	16.50	1.271	0.634	22.1
Right tilted	20	QPSK 50_25	21350/2560	1:1	0.621	0.294	-0.18	15.46	16.50	1.271	0.789	22.1
Head Test Data (100%RB) DSI3												
Right cheek	20	QPSK 100_0	20850/2510	1:1	0.476	0.249	0.06	15.32	16.50	1.312	0.625	22.1
Right tilted	20	QPSK 100_0	20850/2510	1:1	0.576	0.271	0.01	15.32	16.50	1.312	0.756	22.1
Body worn Test data (Separate 15mm 1RB) DSI4												
Front side	20	QPSK 1_0	20850/2510	1:1	0.145	0.078	0.07	18.78	20.00	1.324	0.192	22.3
Back side	20	QPSK 1_0	20850/2510	1:1	0.194	0.109	-0.04	18.78	20.00	1.324	0.257	22.3
Back side	20	QPSK 1_99	21100/2535	1:1	0.176	0.099	-0.04	18.63	20.00	1.371	0.241	22.3
Back side	20	QPSK 1_50	21350/2560	1:1	0.168	0.088	-0.04	18.72	20.00	1.343	0.226	22.3
Back side	20	QPSK PCC 1_99	20850/2510	1:1	0.168	0.089	0.05	19.11	20.00	1.227	0.206	22.3
		QPSK SCC 1_0	21048/2529.8									
Body worn Test data (Separate 15mm 50%RB) DSI4												
Front side	20	QPSK 50_50	20850/2510	1:1	0.116	0.063	0.01	18.98	20.00	1.265	0.147	22.3
Back side	20	QPSK 50_50	20850/2510	1:1	0.156	0.082	0.10	18.98	20.00	1.265	0.197	22.3
Hotspot Test data (Separate 10mm 1RB) DSI4												
Front side	20	QPSK 1_0	20850/2510	1:1	0.259	0.134	0.05	18.78	20.00	1.324	0.343	22.3
Back side	20	QPSK 1_0	20850/2510	1:1	0.358	0.180	-0.03	18.78	20.00	1.324	0.474	22.3
Left side	20	QPSK 1_0	20850/2510	1:1	0.377	0.173	0.03	18.78	20.00	1.324	0.499	22.3
Right side	20	QPSK 1_0	20850/2510	1:1	0.046	0.025	-0.04	18.78	20.00	1.324	0.061	22.3
Top side	20	QPSK 1_0	20850/2510	1:1	0.685	0.330	0.16	18.78	20.00	1.324	0.907	22.3
Top side	20	QPSK 1_99	21100/2535	1:1	0.701	0.373	-0.08	18.63	20.00	1.371	0.961	22.3
Top side	20	QPSK 1_0	21350/2560	1:1	0.643	0.312	0.01	18.72	20.00	1.343	0.863	22.3
Top side	20	QPSK PCC 1_99	20850/2510	1:1	0.687	0.352	-0.01	19.11	20.00	1.227	0.843	22.1
		QPSK SCC 1_0	21048/2529.8									
Hotspot Test data (Separate 10mm 50%RB) DSI4												



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Front side	20	QPSK 50_50	20850/2510	1:1	0.207	0.106	-0.16	18.98	20.00	1.265	0.262	22.3
Back side	20	QPSK 50_50	20850/2510	1:1	0.294	0.147	-0.05	18.98	20.00	1.265	0.372	22.3
Left side	20	QPSK 50_50	20850/2510	1:1	0.318	0.144	-0.17	18.98	20.00	1.265	0.402	22.3
Right side	20	QPSK 50_50	20850/2510	1:1	0.034	0.019	-0.06	18.98	20.00	1.265	0.043	22.3
Top side	20	QPSK 50_50	20850/2510	1:1	0.551	0.265	-0.19	18.98	20.00	1.265	0.697	22.3
Hotspot Test data (Separate 10mm 100%RB) DSI4												
Top side	20	QPSK 100_0	20850/2510	1:1	0.563	0.275	-0.16	18.72	20.00	1.343	0.756	22.3
Ant 8 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI3												
Left cheek	20	QPSK 1_99	21100/2535	1:1	0.223	0.102	-0.18	17.57	18.00	1.104	0.246	22.1
Left tilted	20	QPSK 1_99	21100/2535	1:1	0.050	0.026	0.11	17.57	18.00	1.104	0.055	22.1
Right cheek	20	QPSK 1_99	21100/2535	1:1	0.431	0.176	-0.06	17.57	18.00	1.104	0.476	22.1
Right tilted	20	QPSK 1_99	21100/2535	1:1	0.032	0.017	-0.08	17.57	18.00	1.104	0.035	22.1
Right cheek	20	QPSK 1_99	20850/2510	1:1	0.439	0.168	0.16	16.87	18.00	1.297	0.569	22.1
Right cheek	20	QPSK 1_50	21350/2560	1:1	0.605	0.265	-0.16	17.49	18.00	1.125	0.680	22.3
Right cheek	20	QPSK PCC 1_99	20850/2510	1:1	0.552	0.228	0.06	17.14	18.00	1.219	0.673	22.1
		QPSK SCC 1_0	21048/2529.8									
Head Test Data (50%RB) DSI3												
Left cheek	20	QPSK 50_50	21350/2560	1:1	0.190	0.087	0.03	17.14	18.00	1.219	0.232	22.1
Left tilted	20	QPSK 50_50	21350/2560	1:1	0.043	0.022	-0.13	17.14	18.00	1.219	0.052	22.1
Right cheek	20	QPSK 50_50	21350/2560	1:1	0.489	0.185	-0.11	17.14	18.00	1.219	0.596	22.1
Right tilted	20	QPSK 50_50	21350/2560	1:1	0.029	0.014	0.17	17.14	18.00	1.219	0.035	22.1
Right cheek	20	QPSK 50_0	20850/2510	1:1	0.357	0.138	-0.13	16.84	18.00	1.306	0.466	22.1
Right cheek	20	QPSK 50_50	21100/2535	1:1	0.414	0.159	-0.12	17.07	18.00	1.239	0.513	22.1
Body worn Test data (Separate 15mm 1RB) DSI4												
Front side	20	QPSK 1_99	21100/2535	1:1	0.152	0.079	0.16	21.26	21.50	1.057	0.161	22.3
Back side	20	QPSK 1_99	21100/2535	1:1	0.178	0.094	-0.01	21.26	21.50	1.057	0.188	22.3
Back side	20	QPSK PCC 1_99	20850/2510	1:1	0.152	0.063	0.03	20.63	21.50	1.222	0.186	22.1
		QPSK SCC 1_0	21048/2529.8									
Body worn Test data (Separate 15mm 50%RB) DSI4												
Front side	20	QPSK 50_50	21350/2560	1:1	0.122	0.064	-0.02	20.78	21.50	1.180	0.144	22.3
Back side	20	QPSK 50_50	21350/2560	1:1	0.142	0.075	-0.14	20.78	21.50	1.180	0.168	22.3
Hotspot Test data (Separate 10mm 1RB) DSI4												
Front side	20	QPSK 1_99	21100/2535	1:1	0.298	0.145	0.04	21.26	21.50	1.057	0.315	22.3
Back side	20	QPSK 1_99	21100/2535	1:1	0.349	0.175	0.11	21.26	21.50	1.057	0.369	22.3
Left side	20	QPSK 1_99	21100/2535	1:1	0.037	0.018	0.13	21.26	21.50	1.057	0.039	22.3
Right side	20	QPSK 1_99	21100/2535	1:1	0.762	0.371	0.12	21.26	21.50	1.057	0.805	22.3
Top side	20	QPSK 1_99	21100/2535	1:1	0.060	0.030	-0.06	21.26	21.50	1.057	0.063	22.3
Right side	20	QPSK 1_99	20850/2510	1:1	0.573	0.277	-0.07	20.46	21.50	1.271	0.728	22.3
Right side	20	QPSK 1_50	21350/2560	1:1	0.768	0.380	-0.07	20.86	21.50	1.159	0.890	22.3
Right side	20	QPSK PCC 1_99	20850/2510	1:1	0.721	0.348	0.12	20.63	21.50	1.222	0.881	22.1
		QPSK SCC 1_0	21048/2529.8									



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Hotspot Test data (Separate 10mm 50%RB) DSI4												
Front side	20	QPSK 50_50	21350/2560	1:1	0.247	0.119	0.07	20.78	21.50	1.180	0.292	22.3
Back side	20	QPSK 50_50	21350/2560	1:1	0.284	0.142	0.02	20.78	21.50	1.180	0.335	22.3
Left side	20	QPSK 50_50	21350/2560	1:1	0.032	0.016	0.07	20.78	21.50	1.180	0.038	22.3
Right side	20	QPSK 50_50	21350/2560	1:1	0.624	0.301	-0.05	20.78	21.50	1.180	0.737	22.3
Top side	20	QPSK 50_50	21350/2560	1:1	0.045	0.023	0.16	20.78	21.50	1.180	0.053	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI4												
Right side	20	QPSK 100_0	21350/2560	1:1	0.618	0.298	-0.07	20.76	21.50	1.186	0.733	22.3



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8.2.5 SAR Result of LTE Band 12

LTE Band 12 SAR Test Record												
Ant 0 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI 3												
Left cheek	10	QPSK 1_0	23095/707.5	1:1	0.137	0.097	0.00	24.29	25.00	1.178	0.161	22.1
Left tilted	10	QPSK 1_0	23095/707.5	1:1	0.086	0.065	0.11	24.29	25.00	1.178	0.101	22.1
Right cheek	10	QPSK 1_0	23095/707.5	1:1	0.159	0.117	-0.19	24.29	25.00	1.178	0.187	22.1
Right tilted	10	QPSK 1_0	23095/707.5	1:1	0.107	0.080	0.18	24.29	25.00	1.178	0.126	22.1
Head Test Data (50%RB) DSI 3												
Left cheek	10	QPSK 25_25	23060/704	1:1	0.134	0.094	0.13	23.20	24.00	1.202	0.161	22.1
Left tilted	10	QPSK 25_25	23060/704	1:1	0.084	0.062	-0.15	23.20	24.00	1.202	0.101	22.1
Right cheek	10	QPSK 25_25	23060/704	1:1	0.156	0.115	-0.08	23.20	24.00	1.202	0.188	22.1
Right tilted	10	QPSK 25_25	23060/704	1:1	0.105	0.078	0.12	23.20	24.00	1.202	0.126	22.1
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	10	QPSK 1_0	23095/707.5	1:1	0.216	0.156	0.06	24.29	25.00	1.178	0.254	22.1
Back side	10	QPSK 1_0	23095/707.5	1:1	0.222	0.161	-0.15	24.29	25.00	1.178	0.261	22.1
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	10	QPSK 25_25	23060/704	1:1	0.214	0.153	0.11	23.20	24.00	1.202	0.257	22.1
Back side	10	QPSK 25_25	23060/704	1:1	0.220	0.176	0.03	23.20	24.00	1.202	0.264	22.1
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	10	QPSK 1_0	23095/707.5	1:1	0.237	0.153	-0.19	24.29	25.00	1.178	0.279	22.1
Back side	10	QPSK 1_0	23095/707.5	1:1	0.243	0.177	0.02	24.29	25.00	1.178	0.286	22.1
Left side	10	QPSK 1_0	23095/707.5	1:1	0.143	0.097	-0.12	24.29	25.00	1.178	0.168	22.1
Right side	10	QPSK 1_0	23095/707.5	1:1	0.464	0.311	0.19	24.29	25.00	1.178	0.546	22.1
Bottom side	10	QPSK 1_0	23095/707.5	1:1	0.121	0.073	0.09	24.29	25.00	1.178	0.142	22.1
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	10	QPSK 25_25	23060/704	1:1	0.234	0.150	-0.07	23.20	24.00	1.202	0.281	22.1
Back side	10	QPSK 25_25	23060/704	1:1	0.240	0.174	0.05	23.20	24.00	1.202	0.289	22.1
Left side	10	QPSK 25_25	23060/704	1:1	0.141	0.094	-0.05	23.20	24.00	1.202	0.170	22.1
Right side	10	QPSK 25_25	23060/704	1:1	0.461	0.308	-0.19	23.20	24.00	1.202	0.554	22.1
Bottom side	10	QPSK 25_25	23060/704	1:1	0.119	0.070	-0.07	23.20	24.00	1.202	0.143	22.1
Ant 1 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data DSI 3												
Left cheek	10	QPSK 1_0	23130/711	1:1	0.659	0.348	-0.07	21.63	22.50	1.222	0.805	22.1
Left tilted	10	QPSK 1_0	23130/711	1:1	0.073	0.050	-0.01	21.63	22.50	1.222	0.089	22.1
Right cheek	10	QPSK 1_0	23130/711	1:1	0.325	0.190	0.16	21.63	22.50	1.222	0.397	22.1
Right tilted	10	QPSK 1_0	23130/711	1:1	0.061	0.042	0.17	21.63	22.50	1.222	0.075	22.1
Left cheek	10	QPSK 1_0	23060/704	1:1	0.578	0.294	-0.06	21.62	22.50	1.225	0.708	22.1



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Left cheek	10	QPSK 1_25	23095/707.5	1:1	0.517	0.272	-0.08	21.61	22.50	1.227	0.635	22.1
Head Test Data (50%RB) DSI 3												
Left cheek	10	QPSK 25_13	23060/704	1:1	0.538	0.275	0.04	21.76	22.50	1.186	0.638	22.1
Left tilted	10	QPSK 25_13	23060/704	1:1	0.063	0.042	-0.18	21.76	22.50	1.186	0.075	22.1
Right cheek	10	QPSK 25_13	23060/704	1:1	0.293	0.170	0.18	21.76	22.50	1.186	0.347	22.1
Right tilted	10	QPSK 25_13	23060/704	1:1	0.052	0.035	-0.02	21.76	22.50	1.186	0.062	22.1
Head Test Data (100%RB) DSI 3												
Left cheek	10	QPSK 50_0	23060/704	1:1	0.635	0.388	-0.06	21.60	22.50	1.230	0.781	22.1
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	10	QPSK 1_0	23130/711	1:1	0.207	0.128	-0.05	22.98	24.00	1.265	0.262	22.1
Back side	10	QPSK 1_0	23130/711	1:1	0.281	0.188	-0.18	22.98	24.00	1.265	0.355	22.1
Back side	10	QPSK 1_25	23060/704	1:1	0.245	0.189	-0.11	22.91	24.00	1.285	0.315	22.1
Back side	10	QPSK 1_25	23095/707.5	1:1	0.255	0.168	-0.04	22.88	24.00	1.294	0.330	22.1
Body worn Test data (Separate 15mm 50%RB) DSI4												
Front side	10	QPSK 25_0	23060/704	1:1	0.205	0.126	0.09	23.15	24.00	1.216	0.249	22.1
Back side	10	QPSK 25_0	23060/704	1:1	0.232	0.141	-0.13	23.15	24.00	1.216	0.282	22.1
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	10	QPSK 1_0	23130/711	1:1	0.209	0.122	0.09	22.98	24.00	1.265	0.264	22.1
Back side	10	QPSK 1_0	23130/711	1:1	0.247	0.140	0.15	22.98	24.00	1.265	0.312	22.1
Left side	10	QPSK 1_0	23130/711	1:1	0.329	0.185	-0.17	22.98	24.00	1.265	0.416	22.1
Right side	10	QPSK 1_0	23130/711	1:1	0.120	0.006	-0.16	22.98	24.00	1.265	0.152	22.1
Top side	10	QPSK 1_0	23130/711	1:1	0.016	0.008	-0.19	22.98	24.00	1.265	0.020	22.1
Left side	10	QPSK 1_25	23060/704	1:1	0.349	0.199	-0.15	22.91	24.00	1.285	0.449	22.1
Left side	10	QPSK 1_25	23095/707.5	1:1	0.514	0.322	-0.16	22.88	24.00	1.294	0.665	22.1
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	10	QPSK 25_0	23060/704	1:1	0.208	0.120	-0.04	23.15	24.00	1.216	0.253	22.1
Back side	10	QPSK 25_0	23060/704	1:1	0.245	0.139	0.12	23.15	24.00	1.216	0.298	22.1
Left side	10	QPSK 25_0	23095/707.5	1:1	0.328	0.183	-0.18	23.15	24.00	1.216	0.399	22.1
Right side	10	QPSK 25_0	23095/707.5	1:1	0.119	0.004	-0.11	23.15	24.00	1.216	0.145	22.1
Top side	10	QPSK 25_0	23095/707.5	1:1	0.015	0.006	-0.08	23.15	24.00	1.216	0.018	22.1



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8.2.6 SAR Result of LTE Band 25

LTE Band 25 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI 3												
Left cheek	20	QPSK 1_50	26365/1882.5	1:1	0.167	0.102	0.01	19.11	19.50	1.094	0.183	22.3
Left tilted	20	QPSK 1_50	26365/1882.5	1:1	0.051	0.031	-0.16	19.11	19.50	1.094	0.056	22.3
Right cheek	20	QPSK 1_50	26365/1882.5	1:1	0.089	0.055	-0.12	19.11	19.50	1.094	0.097	22.3
Right tilted	20	QPSK 1_50	26365/1882.5	1:1	0.065	0.039	0.01	19.11	19.50	1.094	0.071	22.3
Head Test Data (50%RB) DSI 3												
Left cheek	20	QPSK 50_50	26365/1882.5	1:1	0.128	0.077	0.05	18.64	19.50	1.219	0.156	22.3
Left tilted	20	QPSK 50_50	26365/1882.5	1:1	0.040	0.025	-0.05	18.64	19.50	1.219	0.049	22.3
Right cheek	20	QPSK 50_50	26365/1882.5	1:1	0.071	0.044	0.08	18.64	19.50	1.219	0.087	22.3
Right tilted	20	QPSK 50_50	26365/1882.5	1:1	0.052	0.031	0.08	18.64	19.50	1.219	0.063	22.3
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	20	QPSK 1_50	26365/1882.5	1:1	0.159	0.086	-0.19	19.11	19.50	1.094	0.174	22.3
Back side	20	QPSK 1_50	26365/1882.5	1:1	0.215	0.123	-0.03	19.11	19.50	1.094	0.235	22.3
Back side	20	QPSK 1_99	26140/1860	1:1	0.186	0.108	0.14	18.75	19.50	1.189	0.221	22.3
Back side	20	QPSK 1_99	26590/1905	1:1	0.174	0.097	0.06	18.55	19.50	1.245	0.217	22.3
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	20	QPSK 50_50	26365/1882.5	1:1	0.133	0.062	-0.13	18.64	19.50	1.219	0.162	22.3
Back side	20	QPSK 50_50	26365/1882.5	1:1	0.176	0.110	-0.10	18.64	19.50	1.219	0.215	22.3
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	20	QPSK 1_50	26365/1882.5	1:1	0.477	0.223	0.17	19.11	19.50	1.094	0.522	22.3
Back side	20	QPSK 1_50	26365/1882.5	1:1	0.613	0.301	0.17	19.11	19.50	1.094	0.671	22.3
Left side	20	QPSK 1_50	26365/1882.5	1:1	0.808	0.377	-0.19	19.11	19.50	1.094	0.884	22.3
Right side	20	QPSK 1_50	26365/1882.5	1:1	0.024	0.014	0.19	19.11	19.50	1.094	0.026	22.3
Bottom side	20	QPSK 1_50	26365/1882.5	1:1	0.111	0.058	-0.12	19.11	19.50	1.094	0.121	22.3
Left side	20	QPSK 1_99	26140/1860	1:1	0.682	0.264	-0.04	18.75	19.50	1.189	0.811	22.3
Left side	20	QPSK 1_99	26590/1905	1:1	0.739	0.375	-0.13	18.55	19.50	1.245	0.920	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	20	QPSK 50_50	26365/1882.5	1:1	0.354	0.178	-0.03	18.64	19.50	1.219	0.432	22.3
Back side	20	QPSK 50_50	26365/1882.5	1:1	0.464	0.235	0.06	18.64	19.50	1.219	0.566	22.3
Left side	20	QPSK 50_50	26365/1882.5	1:1	0.636	0.291	-0.17	18.64	19.50	1.219	0.775	22.3
Right side	20	QPSK 50_50	26365/1882.5	1:1	0.021	0.012	-0.10	18.64	19.50	1.219	0.026	22.3
Bottom side	20	QPSK 50_50	26365/1882.5	1:1	0.097	0.051	-0.02	18.64	19.50	1.219	0.118	22.3
Hotspot Test data (Separate 10mm 100%RB) DSI 4												
Left side	20	QPSK 100_0	26140/1860	1:1	0.642	0.295	-0.04	18.63	19.50	1.222	0.784	22.3



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Ant 3 Test Record												
Test position	BW	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI 3												
Left cheek	20	QPSK 1_50	26365/1882.5	1:1	0.197	0.122	-0.05	15.68	16.50	1.208	0.238	22.3
Left tilted	20	QPSK 1_50	26365/1882.5	1:1	0.086	0.049	0.11	15.68	16.50	1.208	0.104	22.3
Right cheek	20	QPSK 1_50	26365/1882.5	1:1	0.623	0.321	0.04	15.68	16.50	1.208	0.752	22.3
Right tilted	20	QPSK 1_50	26365/1882.5	1:1	0.215	0.113	0.16	15.68	16.50	1.208	0.260	22.3
Right cheek	20	QPSK 1_99	26140/1860	1:1	0.644	0.316	0.14	15.68	16.50	1.208	0.778	22.3
Right cheek	20	QPSK 1_0	26590/1905	1:1	0.636	0.305	0.07	15.41	16.50	1.285	0.817	22.3
Head Test Data (50%RB) DSI 3												
Left cheek	20	QPSK 50_25	26140/1860	1:1	0.168	0.104	-0.08	15.18	16.50	1.355	0.228	22.3
Left tilted	20	QPSK 50_25	26140/1860	1:1	0.069	0.040	0.03	15.18	16.50	1.355	0.094	22.3
Right cheek	20	QPSK 50_25	26140/1860	1:1	0.531	0.251	-0.01	15.18	16.50	1.355	0.720	22.3
Right tilted	20	QPSK 50_25	26140/1860	1:1	0.171	0.091	-0.15	15.18	16.50	1.355	0.232	22.3
Right cheek	20	QPSK 50_50	26365/1882.5	1:1	0.529	0.252	0.15	15.07	16.50	1.390	0.735	22.3
Right cheek	20	QPSK 50_0	26590/1905	1:1	0.501	0.234	-0.02	15.09	16.50	1.384	0.693	22.3
Head Test Data (100%RB) DSI 3												
Right cheek	20	QPSK 100_0	26140/1860	1:1	0.488	0.248	-0.08	15.15	16.50	1.365	0.666	22.3
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	20	QPSK 1_50	26365/1882.5	1:1	0.143	0.080	-0.08	20.54	21.50	1.247	0.178	22.3
Back side	20	QPSK 1_50	26365/1882.5	1:1	0.185	0.112	-0.17	20.54	21.50	1.247	0.231	22.3
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	20	QPSK 50_25	26140/1860	1:1	0.116	0.065	0.10	20.21	21.50	1.346	0.156	22.3
Back side	20	QPSK 50_25	26140/1860	1:1	0.149	0.082	-0.01	20.21	21.50	1.346	0.201	22.3
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	20	QPSK 1_50	26365/1882.5	1:1	0.447	0.227	0.16	20.54	21.50	1.247	0.558	22.3
Back side	20	QPSK 1_50	26365/1882.5	1:1	0.526	0.269	-0.15	20.54	21.50	1.247	0.656	22.3
Left side	20	QPSK 1_50	26365/1882.5	1:1	0.663	0.333	0.03	20.54	21.50	1.247	0.827	22.3
Right side	20	QPSK 1_50	26365/1882.5	1:1	0.031	0.018	-0.10	20.54	21.50	1.247	0.039	22.3
Top side	20	QPSK 1_50	26365/1882.5	1:1	0.052	0.029	0.19	20.54	21.50	1.247	0.065	22.3
Left side	20	QPSK 1_0	26140/1860	1:1	0.537	0.274	-0.16	20.46	21.50	1.271	0.682	22.3
Left side	20	QPSK 1_0	26590/1905	1:1	0.555	0.288	0.02	20.38	21.50	1.294	0.718	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	20	QPSK 50_25	26140/1860	1:1	0.360	0.184	0.14	20.21	21.50	1.346	0.485	22.3
Back side	20	QPSK 50_25	26140/1860	1:1	0.425	0.217	0.00	20.21	21.50	1.346	0.572	22.3
Left side	20	QPSK 50_25	26140/1860	1:1	0.526	0.274	0.06	20.21	21.50	1.346	0.708	22.3
Right side	20	QPSK 50_25	26140/1860	1:1	0.027	0.158	0.08	20.21	21.50	1.346	0.036	22.3
Top side	20	QPSK 50_25	26140/1860	1:1	0.045	0.025	-0.15	20.21	21.50	1.346	0.061	22.3
Hotspot Test data (Separate 10mm 100%RB) DSI 4												
Left side	20	QPSK 100_0	26140/1860	1:1	0.426	0.219	-0.01	20.15	21.50	1.365	0.581	22.3



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Ant 4 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI 3												
Left cheek	20	QPSK 1_50	26365/1882.5	1:1	0.272	0.166	-0.19	16.03	17.00	1.250	0.340	22.3
Left tilted	20	QPSK 1_50	26365/1882.5	1:1	0.354	0.210	-0.15	16.03	17.00	1.250	0.443	22.3
Right cheek	20	QPSK 1_50	26365/1882.5	1:1	0.504	0.285	0.04	16.03	17.00	1.250	0.630	22.3
Right tilted	20	QPSK 1_50	26365/1882.5	1:1	0.572	0.277	-0.10	16.03	17.00	1.250	0.715	22.3
Head Test Data (50%RB) DSI 3												
Left cheek	20	QPSK 50_50	26365/1882.5	1:1	0.217	0.130	0.09	16.18	17.00	1.208	0.262	22.3
Left tilted	20	QPSK 50_50	26365/1882.5	1:1	0.267	0.157	-0.06	16.18	17.00	1.208	0.322	22.3
Right cheek	20	QPSK 50_50	26365/1882.5	1:1	0.399	0.226	-0.19	16.18	17.00	1.208	0.482	22.3
Right tilted	20	QPSK 50_50	26365/1882.5	1:1	0.429	0.211	-0.06	16.18	17.00	1.208	0.518	22.3
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	20	QPSK 1_0	26140/1860	1:1	0.101	0.061	-0.03	19.88	21.00	1.294	0.131	22.3
Back side	20	QPSK 1_0	26140/1860	1:1	0.137	0.087	-0.13	19.88	21.00	1.294	0.177	22.3
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	20	QPSK 50_50	26140/1860	1:1	0.095	0.043	-0.16	20.08	21.00	1.236	0.117	22.3
Back side	20	QPSK 50_50	26140/1860	1:1	0.102	0.067	-0.01	20.08	21.00	1.236	0.126	22.3
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.340	0.196	0.02	19.88	21.00	1.294	0.440	22.3
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.434	0.233	-0.08	19.88	21.00	1.294	0.562	22.3
Left side	20	QPSK 1_0	26365/1882.5	1:1	0.275	0.133	0.09	19.88	21.00	1.294	0.356	22.3
Right side	20	QPSK 1_0	26365/1882.5	1:1	0.110	0.062	-0.06	19.88	21.00	1.294	0.142	22.3
Top side	20	QPSK 1_0	26365/1882.5	1:1	0.524	0.294	-0.11	19.88	21.00	1.294	0.678	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	20	QPSK 50_50	26140/1860	1:1	0.286	0.154	-0.10	20.08	21.00	1.236	0.353	22.3
Back side	20	QPSK 50_50	26140/1860	1:1	0.344	0.185	0.05	20.08	21.00	1.236	0.425	22.3
Left side	20	QPSK 50_50	26140/1860	1:1	0.205	0.101	0.15	20.08	21.00	1.236	0.253	22.3
Right side	20	QPSK 50_50	26140/1860	1:1	0.073	0.043	-0.05	20.08	21.00	1.236	0.090	22.3
Top side	20	QPSK 50_50	26140/1860	1:1	0.437	0.236	-0.06	20.08	21.00	1.236	0.540	22.3
Ant 8 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI 3												
Left cheek	20	QPSK 1_50	26365/1882.5	1:1	0.646	0.340	0.05	20.33	20.50	1.040	0.672	22.3
Left tilted	20	QPSK 1_50	26365/1882.5	1:1	0.184	0.110	0.11	20.33	20.50	1.040	0.191	22.3
Right cheek	20	QPSK 1_50	26365/1882.5	1:1	0.567	0.273	-0.16	20.33	20.50	1.040	0.590	22.3
Right tilted	20	QPSK 1_50	26365/1882.5	1:1	0.125	0.076	-0.11	20.33	20.50	1.040	0.130	22.3
Head Test Data (50%RB) DSI 3												
Left cheek	20	QPSK 50_25	26365/1882.5	1:1	0.584	0.306	0.19	20.18	20.50	1.076	0.629	22.3
Left tilted	20	QPSK 50_25	26365/1882.5	1:1	0.145	0.087	0.07	20.18	20.50	1.076	0.156	22.3
Right cheek	20	QPSK 50_25	26365/1882.5	1:1	0.575	0.282	-0.02	20.18	20.50	1.076	0.619	22.3



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Right tilted	20	QPSK 50_25	26365/1882.5	1:1	0.101	0.062	-0.16	20.18	20.50	1.076	0.109	22.3
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	20	QPSK 1_99	26140/1860	1:1	0.145	0.081	-0.02	21.56	22.00	1.107	0.160	22.3
Back side	20	QPSK 1_99	26140/1860	1:1	0.161	0.092	0.12	21.56	22.00	1.107	0.178	22.3
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	20	QPSK 50_50	26140/1860	1:1	0.115	0.065	-0.10	21.51	22.00	1.119	0.129	22.3
Back side	20	QPSK 50_50	26140/1860	1:1	0.131	0.075	-0.03	21.51	22.00	1.119	0.147	22.3
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	20	QPSK 1_99	26140/1860	1:1	0.314	0.161	-0.07	21.56	22.00	1.107	0.347	22.3
Back side	20	QPSK 1_99	26140/1860	1:1	0.352	0.185	-0.02	21.56	22.00	1.107	0.390	22.3
Left side	20	QPSK 1_99	26140/1860	1:1	0.012	0.009	-0.04	21.56	22.00	1.107	0.013	22.3
Right side	20	QPSK 1_99	26140/1860	1:1	0.783	0.408	-0.08	21.56	22.00	1.107	0.866	22.3
Top side	20	QPSK 1_99	26140/1860	1:1	0.059	0.035	0.03	21.56	22.00	1.107	0.065	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	20	QPSK 50_50	26140/1860	1:1	0.243	0.129	0.06	21.51	22.00	1.119	0.272	22.3
Back side	20	QPSK 50_50	26140/1860	1:1	0.287	0.147	0.08	21.51	22.00	1.119	0.321	22.3
Left side	20	QPSK 50_50	26140/1860	1:1	0.009	0.005	-0.05	21.51	22.00	1.119	0.010	22.3
Right side	20	QPSK 50_50	26140/1860	1:1	0.712	0.368	-0.18	21.51	22.00	1.119	0.797	22.3
Top side	20	QPSK 50_50	26140/1860	1:1	0.044	0.026	0.11	21.51	22.00	1.119	0.049	22.3



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8.2.7 SAR Result of LTE Band 26

LTE Band 26 SAR Test Record												
Ant 0 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI 3												
Left cheek	15	QPSK 1_74	26865/831.5	1:1	0.176	0.117	0.10	24.40	25.00	1.148	0.202	22.3
Left tilted	15	QPSK 1_74	26865/831.5	1:1	0.110	0.081	0.03	24.40	25.00	1.148	0.126	22.3
Right cheek	15	QPSK 1_74	26865/831.5	1:1	0.222	0.160	-0.02	24.40	25.00	1.148	0.255	22.3
Right tilted	15	QPSK 1_74	26865/831.5	1:1	0.145	0.106	0.02	24.40	25.00	1.148	0.166	22.3
Head Test Data (50%RB) DSI 3												
Left cheek	15	QPSK 36_39	26865/831.5	1:1	0.173	0.115	-0.07	23.09	24.00	1.233	0.213	22.3
Left tilted	15	QPSK 36_39	26865/831.5	1:1	0.107	0.079	-0.09	23.09	24.00	1.233	0.132	22.3
Right cheek	15	QPSK 36_39	26865/831.5	1:1	0.220	0.157	-0.02	23.09	24.00	1.233	0.271	22.3
Right tilted	15	QPSK 36_39	26865/831.5	1:1	0.142	0.104	-0.05	23.09	24.00	1.233	0.175	22.3
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	15	QPSK 1_74	26865/831.5	1:1	0.154	0.123	0.12	24.40	25.00	1.148	0.177	22.3
Back side	15	QPSK 1_74	26865/831.5	1:1	0.186	0.138	-0.11	24.40	25.00	1.148	0.214	22.3
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	15	QPSK 36_39	26865/831.5	1:1	0.149	0.120	0.19	23.09	24.00	1.233	0.184	22.3
Back side	15	QPSK 36_39	26865/831.5	1:1	0.175	0.136	0.04	23.09	24.00	1.233	0.216	22.3
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	15	QPSK 1_74	26865/831.5	1:1	0.309	0.192	-0.18	24.40	25.00	1.148	0.355	22.3
Back side	15	QPSK 1_74	26865/831.5	1:1	0.374	0.228	0.15	24.40	25.00	1.148	0.429	22.3
Left side	15	QPSK 1_74	26865/831.5	1:1	0.050	0.033	0.04	24.40	25.00	1.148	0.057	22.3
Right side	15	QPSK 1_74	26865/831.5	1:1	0.399	0.259	-0.13	24.40	25.00	1.148	0.458	22.3
Bottom side	15	QPSK 1_74	26865/831.5	1:1	0.216	0.123	-0.06	24.40	25.00	1.148	0.248	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	15	QPSK 36_39	26865/831.5	1:1	0.307	0.190	-0.14	23.09	24.00	1.233	0.379	22.3
Back side	15	QPSK 36_39	26865/831.5	1:1	0.372	0.225	-0.18	23.09	24.00	1.233	0.459	22.3
Left side	15	QPSK 36_39	26865/831.5	1:1	0.048	0.030	0.06	23.09	24.00	1.233	0.059	22.3
Right side	15	QPSK 36_39	26865/831.5	1:1	0.396	0.256	0.08	23.09	24.00	1.233	0.488	22.3
Bottom side	15	QPSK 36_39	26865/831.5	1:1	0.214	0.120	0.01	23.09	24.00	1.233	0.264	22.3
Ant 1 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI3												
Left cheek	15	QPSK 1_38	26965/841.5	1:1	0.707	0.378	-0.08	20.27	21.50	1.327	0.938	22.3
Left tilted	15	QPSK 1_38	26965/841.5	1:1	0.087	0.054	-0.13	20.27	21.50	1.327	0.115	22.3
Right cheek	15	QPSK 1_38	26965/841.5	1:1	0.301	0.181	0.04	20.27	21.50	1.327	0.400	22.3
Right tilted	15	QPSK 1_38	26965/841.5	1:1	0.063	0.043	0.08	20.27	21.50	1.327	0.084	22.3
Left cheek	15	QPSK 1_38	26765/821.5	1:1	0.728	0.391	-0.08	20.03	21.50	1.403	1.021	22.3



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Left cheek	15	QPSK 1_74	26865/831.5	1:1	0.619	0.327	-0.06	20.20	21.50	1.349	0.835	22.3
Head Test Data (50%RB) DSI3												
Left cheek	15	QPSK 36_18	26865/831.5	1:1	0.704	0.376	-0.07	20.15	21.50	1.365	0.961	22.3
Left tilted	15	QPSK 36_18	26865/831.5	1:1	0.085	0.052	0.08	20.15	21.50	1.365	0.116	22.3
Right cheek	15	QPSK 36_18	26865/831.5	1:1	0.299	0.179	-0.17	20.15	21.50	1.365	0.408	22.3
Right tilted	15	QPSK 36_18	26865/831.5	1:1	0.060	0.040	0.09	20.15	21.50	1.365	0.082	22.3
Left cheek	15	QPSK 36_18	26765/821.5	1:1	0.700	0.366	-0.17	20.09	21.50	1.384	0.968	22.3
Left cheek	15	QPSK 36_18	26965/841.5	1:1	0.699	0.356	-0.05	20.06	21.50	1.393	0.974	22.3
Head Test Data (100%RB) DSI3												
Left cheek	15	QPSK 75_0	26865/831.5	1:1	0.678	0.342	0.02	20.14	21.50	1.368	0.927	22.3
Body worn Test data (Separate 15mm 1RB) DSI4												
Front side	15	QPSK 1_38	26865/831.5	1:1	0.179	0.111	-0.08	22.29	23.50	1.321	0.237	22.3
Back side	15	QPSK 1_38	26865/831.5	1:1	0.199	0.134	-0.07	22.29	23.50	1.321	0.263	22.3
Back side	15	QPSK 1_38	26765/821.5	1:1	0.109	0.087	0.12	21.97	23.50	1.422	0.155	22.3
Back side	15	QPSK 1_74	26965/841.5	1:1	0.109	0.078	0.05	22.31	23.50	1.315	0.143	22.3
Body worn Test data (Separate 15mm 50%RB) DSI4												
Front side	15	QPSK 36_18	26865/831.5	1:1	0.124	0.076	-0.16	22.09	23.50	1.384	0.172	22.3
Back side	15	QPSK 36_18	26865/831.5	1:1	0.138	0.083	-0.15	22.09	23.50	1.384	0.191	22.3
Hotspot Test data (Separate 10mm 1RB) DSI4												
Front side	15	QPSK 1_38	26865/831.5	1:1	0.318	0.187	0.05	22.29	23.50	1.321	0.420	22.3
Back side	15	QPSK 1_38	26865/831.5	1:1	0.365	0.211	0.05	22.29	23.50	1.321	0.482	22.3
Left side	15	QPSK 1_38	26865/831.5	1:1	0.609	0.292	0.04	22.29	23.50	1.321	0.805	22.3
Right side	15	QPSK 1_38	26865/831.5	1:1	0.029	0.020	-0.10	22.29	23.50	1.321	0.038	22.3
Top side	15	QPSK 1_38	26865/831.5	1:1	0.012	0.006	-0.04	22.29	23.50	1.321	0.016	22.3
Left side	15	QPSK 1_38	26765/821.5	1:1	0.637	0.394	-0.02	22.06	23.50	1.393	0.887	22.3
Left side	15	QPSK 1_74	26965/841.5	1:1	0.586	0.304	0.11	22.21	23.50	1.346	0.789	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI4												
Front side	15	QPSK 36_18	26865/831.5	1:1	0.317	0.185	-0.14	22.09	23.50	1.384	0.439	22.3
Back side	15	QPSK 36_18	26865/831.5	1:1	0.363	0.209	-0.04	22.09	23.50	1.384	0.502	22.3
Left side	15	QPSK 36_18	26865/831.5	1:1	0.530	0.289	0.18	22.09	23.50	1.384	0.733	22.3
Right side	15	QPSK 36_18	26865/831.5	1:1	0.027	0.017	0.07	22.09	23.50	1.384	0.037	22.3
Top side	15	QPSK 36_18	26865/831.5	1:1	0.009	0.003	-0.02	22.09	23.50	1.384	0.012	22.3
Left side	15	QPSK 36_18	26765/821.5	1:1	0.527	0.287	0.16	22.08	23.50	1.387	0.731	22.3
Left side	15	QPSK 36_18	26965/841.5	1:1	0.515	0.288	-0.13	22.00	23.50	1.413	0.727	22.3
Hotspot Test data (Separate 10mm 100%RB) DSI4												
Left side	15	QPSK 75_0	26865/831.5	1:1	0.507	0.259	-0.11	22.05	23.50	1.396	0.708	22.3



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8.2.8 SAR Result of LTE Band 30

LTE Band 30 SAR Test Record												
Ant 2 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI 3												
Left cheek	10	QPSK 1_25	27710/2310	1:1	0.171	0.096	-0.08	19.29	20.50	1.321	0.226	22.3
Left tilted	10	QPSK 1_25	27710/2310	1:1	0.042	0.024	0.17	19.29	20.50	1.321	0.055	22.3
Right cheek	10	QPSK 1_25	27710/2310	1:1	0.113	0.066	0.14	19.29	20.50	1.321	0.149	22.3
Right tilted	10	QPSK 1_25	27710/2310	1:1	0.070	0.039	-0.12	19.29	20.50	1.321	0.092	22.3
Head Test Data (50%RB) DSI 3												
Left cheek	10	QPSK 25_25	27710/2310	1:1	0.137	0.077	-0.04	19.09	20.50	1.384	0.190	22.3
Left tilted	10	QPSK 25_25	27710/2310	1:1	0.034	0.020	-0.03	19.09	20.50	1.384	0.047	22.3
Right cheek	10	QPSK 25_25	27710/2310	1:1	0.090	0.052	0.00	19.09	20.50	1.384	0.125	22.3
Right tilted	10	QPSK 25_25	27710/2310	1:1	0.058	0.033	0.01	19.09	20.50	1.384	0.080	22.3
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	10	QPSK 1_0	27710/2310	1:1	0.167	0.084	-0.14	19.29	20.50	1.321	0.221	22.3
Back side	10	QPSK 1_0	27710/2310	1:1	0.191	0.105	0.12	19.29	20.50	1.321	0.252	22.3
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	10	QPSK 25_0	27710/2310	1:1	0.124	0.065	-0.07	19.09	20.50	1.384	0.172	22.3
Back side	10	QPSK 25_0	27710/2310	1:1	0.148	0.077	-0.14	19.09	20.50	1.384	0.205	22.3
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	10	QPSK 1_0	27710/2310	1:1	0.289	0.140	0.07	19.29	20.50	1.321	0.382	22.3
Back side	10	QPSK 1_0	27710/2310	1:1	0.357	0.166	-0.15	19.29	20.50	1.321	0.472	22.3
Left side	10	QPSK 1_0	27710/2310	1:1	0.591	0.279	-0.07	19.29	20.50	1.321	0.781	22.3
Right side	10	QPSK 1_0	27710/2310	1:1	0.052	0.029	0.08	19.29	20.50	1.321	0.069	22.3
Bottom side	10	QPSK 1_0	27710/2310	1:1	0.306	0.159	0.00	19.29	20.50	1.321	0.404	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	10	QPSK 25_25	27710/2310	1:1	0.232	0.112	0.09	19.09	20.50	1.384	0.321	22.3
Back side	10	QPSK 25_25	27710/2310	1:1	0.278	0.130	0.02	19.09	20.50	1.384	0.385	22.3
Left side	10	QPSK 25_25	27710/2310	1:1	0.450	0.205	0.08	19.09	20.50	1.384	0.623	22.3
Right side	10	QPSK 25_25	27710/2310	1:1	0.037	0.021	0.19	19.09	20.50	1.384	0.051	22.3
Bottom side	10	QPSK 25_25	27710/2310	1:1	0.244	0.127	0.03	19.09	20.50	1.384	0.338	22.3
Ant 3 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) DSI 3												
Left cheek	10	QPSK 1_25	27710/2310	1:1	0.149	0.082	-0.02	15.25	16.50	1.334	0.199	22.3
Left tilted	10	QPSK 1_25	27710/2310	1:1	0.054	0.031	0.04	15.25	16.50	1.334	0.072	22.3
Right cheek	10	QPSK 1_25	27710/2310	1:1	0.488	0.218	-0.07	15.25	16.50	1.334	0.651	22.3
Right tilted	10	QPSK 1_25	27710/2310	1:1	0.134	0.068	0.13	15.25	16.50	1.334	0.179	22.3



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Head Test Data (50%RB) DSI 3												
Left cheek	10	QPSK 25_25	27710/2310	1:1	0.121	0.066	-0.06	15.36	16.50	1.300	0.157	22.3
Left tilted	10	QPSK 25_25	27710/2310	1:1	0.044	0.026	0.12	15.36	16.50	1.300	0.057	22.3
Right cheek	10	QPSK 25_25	27710/2310	1:1	0.430	0.187	-0.04	15.36	16.50	1.300	0.559	22.3
Right tilted	10	QPSK 25_25	27710/2310	1:1	0.105	0.054	-0.12	15.36	16.50	1.300	0.137	22.3
Body worn Test data (Separate 15mm 1RB) DSI 4												
Front side	10	QPSK 1_49	27710/2310	1:1	0.153	0.083	-0.05	19.23	20.50	1.340	0.205	22.3
Back side	10	QPSK 1_49	27710/2310	1:1	0.203	0.114	-0.03	19.23	20.50	1.340	0.272	22.3
Body worn Test data (Separate 15mm 50%RB) DSI 4												
Front side	10	QPSK 25_25	27710/2310	1:1	0.118	0.064	-0.02	19.29	20.50	1.321	0.156	22.3
Back side	10	QPSK 25_25	27710/2310	1:1	0.155	0.083	-0.03	19.29	20.50	1.321	0.205	22.3
Hotspot Test data (Separate 10mm 1RB) DSI 4												
Front side	10	QPSK 1_49	27710/2310	1:1	0.309	0.157	-0.19	19.23	20.50	1.340	0.414	22.3
Back side	10	QPSK 1_49	27710/2310	1:1	0.401	0.201	-0.04	19.23	20.50	1.340	0.537	22.3
Left side	10	QPSK 1_49	27710/2310	1:1	0.594	0.299	0.01	19.23	20.50	1.340	0.796	22.3
Right side	10	QPSK 1_49	27710/2310	1:1	0.010	0.005	-0.05	19.23	20.50	1.340	0.013	22.3
Top side	10	QPSK 1_49	27710/2310	1:1	0.051	0.029	0.07	19.23	20.50	1.340	0.068	22.3
Hotspot Test data (Separate 10mm 50%RB) DSI 4												
Front side	10	QPSK 25_25	27710/2310	1:1	0.248	0.125	-0.16	19.29	20.50	1.321	0.328	22.3
Back side	10	QPSK 25_25	27710/2310	1:1	0.312	0.157	0.10	19.29	20.50	1.321	0.412	22.3
Left side	10	QPSK 25_25	27710/2310	1:1	0.496	0.237	-0.09	19.29	20.50	1.321	0.655	22.3
Right side	10	QPSK 25_25	27710/2310	1:1	0.008	0.004	-0.07	19.29	20.50	1.321	0.011	22.3
Top side	10	QPSK 25_25	27710/2310	1:1	0.040	0.022	0.01	19.29	20.50	1.321	0.053	22.3



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