

8.3.6 SAR Result of LTE Band 13

LTE Band 13 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)
Open Open Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	23230/782	1:1	0.000	0.19	23.05	24.00	1.245	0.000	22.1
Left tilted	10	QPSK 1_0	23230/782	1:1	0.000	-0.11	23.05	24.00	1.245	0.000	22.1
Right cheek	10	QPSK 1_0	23230/782	1:1	0.000	0.18	23.05	24.00	1.245	0.000	22.1
Right tilted	10	QPSK 1_0	23230/782	1:1	0.000	0.05	23.05	24.00	1.245	0.000	22.1
Open Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	23230/782	1:1	0.000	-0.13	22.12	23.00	1.225	0.000	22.1
Left tilted	10	QPSK 25_0	23230/782	1:1	0.000	-0.02	22.12	23.00	1.225	0.000	22.1
Right cheek	10	QPSK 25_0	23230/782	1:1	0.000	0.01	22.12	23.00	1.225	0.000	22.1
Right tilted	10	QPSK 25_0	23230/782	1:1	0.000	0.17	22.12	23.00	1.225	0.000	22.1
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	10	QPSK 1_0	23230/782	1:1	0.069	0.10	23.05	24.00	1.245	0.086	22.1
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	10	QPSK 25_0	23230/782	1:1	0.054	0.01	22.12	23.00	1.225	0.066	22.1
Close body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	23230/782	1:1	0.302	0.00	23.05	24.00	1.245	0.376	22.1
Back side	10	QPSK 1_0	23230/782	1:1	0.763	-0.05	23.05	24.00	1.245	0.950	22.1
Close body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	23230/782	1:1	0.247	0.19	22.12	23.00	1.225	0.303	22.1
Back side	10	QPSK 25_0	23230/782	1:1	0.598	-0.19	22.12	23.00	1.225	0.733	22.1
Close body Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	23230/782	1:1	0.563	0.04	22.10	23.00	1.230	0.692	22.1
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	10	QPSK 1_0	23230/782	1:1	0.302	0.00	23.05	21.00	0.624	0.188	22.1
Back side	10	QPSK 1_0	23230/782	1:1	0.763	-0.05	23.05	21.00	0.624	0.476	22.1
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	10	QPSK 25_0	23230/782	1:1	0.247	0.19	22.12	21.00	0.773	0.191	22.1
Back side	10	QPSK 25_0	23230/782	1:1	0.598	-0.19	22.12	21.00	0.773	0.462	22.1
Open body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	23230/782	1:1	0.475	0.06	23.05	24.00	1.245	0.591	22.1
Back side	10	QPSK 1_0	23230/782	1:1	0.740	-0.07	23.05	24.00	1.245	0.921	22.1
Open body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	23230/782	1:1	0.400	-0.11	22.12	23.00	1.225	0.490	22.1
Back side	10	QPSK 25_0	23230/782	1:1	0.611	0.11	22.12	23.00	1.225	0.748	22.1
Open body Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	23230/782	1:1	0.544	0.05	22.10	23.00	1.230	0.669	22.1
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	10	QPSK 1_0	23230/782	1:1	0.475	0.06	23.05	21.00	0.624	0.296	22.1
Back side	10	QPSK 1_0	23230/782	1:1	0.740	-0.07	23.05	21.00	0.624	0.462	22.1
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	10	QPSK 25_0	23230/782	1:1	0.400	-0.11	22.12	21.00	0.773	0.309	22.1
Back side	10	QPSK 25_0	23230/782	1:1	0.611	0.11	22.12	21.00	0.773	0.472	22.1
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	10	QPSK 1_0	23230/782	1:1	0.480	0.04	23.05	24.00	1.245	0.598	22.1
Back side	10	QPSK 1_0	23230/782	1:1	0.913	0.05	23.05	24.00	1.245	1.137	22.1
Left side	10	QPSK 1_0	23230/782	1:1	0.603	0.19	23.05	24.00	1.245	0.751	22.1
Right side	10	QPSK 1_0	23230/782	1:1	0.511	-0.08	23.05	24.00	1.245	0.636	22.1
Bottom side	10	QPSK 1_0	23230/782	1:1	0.308	0.18	23.05	24.00	1.245	0.383	22.1
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	10	QPSK 25_0	23230/782	1:1	0.394	-0.02	22.12	23.00	1.225	0.483	22.1
Back side	10	QPSK 25_0	23230/782	1:1	0.742	0.02	22.12	23.00	1.225	0.909	22.1
Left side	10	QPSK 25_0	23230/782	1:1	0.524	0.09	22.12	23.00	1.225	0.642	22.1
Right side	10	QPSK 25_0	23230/782	1:1	0.418	0.10	22.12	23.00	1.225	0.512	22.1
Bottom side	10	QPSK 25_0	23230/782	1:1	0.311	0.13	22.12	23.00	1.225	0.381	22.1

8.3.7 SAR Result of LTE Band 14

LTE Band 14 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)
Open Open Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	23330/793	1:1	0.000	0.00	23.34	24.00	1.164	0.000	22.1
Left tilted	10	QPSK 1_0	23330/793	1:1	0.000	0.11	23.34	24.00	1.164	0.000	22.1
Right cheek	10	QPSK 1_0	23330/793	1:1	0.000	0.19	23.34	24.00	1.164	0.000	22.1
Right tilted	10	QPSK 1_0	23330/793	1:1	0.000	-0.15	23.34	24.00	1.164	0.000	22.1
Open Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	23330/793	1:1	0.000	0.13	22.11	23.00	1.227	0.000	22.1
Left tilted	10	QPSK 25_0	23330/793	1:1	0.000	-0.07	22.11	23.00	1.227	0.000	22.1
Right cheek	10	QPSK 25_0	23330/793	1:1	0.000	-0.06	22.11	23.00	1.227	0.000	22.1
Right tilted	10	QPSK 25_0	23330/793	1:1	0.000	0.19	22.11	23.00	1.227	0.000	22.1
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	10	QPSK 1_0	23330/793	1:1	0.095	0.12	23.34	24.00	1.164	0.111	22.1
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	10	QPSK 25_0	23330/793	1:1	0.069	-0.04	22.11	23.00	1.227	0.085	22.1
Close body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	23330/793	1:1	0.326	-0.11	23.34	24.00	1.164	0.379	22.1
Back side	10	QPSK 1_0	23330/793	1:1	0.817	0.07	23.34	24.00	1.164	0.951	22.1
Back side-repeated	10	QPSK 1_0	23330/793	1:1	0.806	0.14	23.34	24.00	1.164	0.938	22.1
Close body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	23330/793	1:1	0.322	0.11	22.11	23.00	1.227	0.395	22.1
Back side	10	QPSK 25_0	23330/793	1:1	0.686	-0.13	22.11	23.00	1.227	0.842	22.1
Close body Evaluate data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	23330/793	1:1	0.633		22.10	23.00	1.230	0.779	22.1
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	10	QPSK 1_0	23330/793	1:1	0.326	-0.11	23.34	21.00	0.583	0.190	22.1
Back side	10	QPSK 1_0	23330/793	1:1	0.817	0.07	23.34	21.00	0.583	0.476	22.1
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	10	QPSK 25_0	23330/793	1:1	0.322	0.11	22.11	21.00	0.774	0.249	22.1
Back side	10	QPSK 25_0	23330/793	1:1	0.686	-0.13	22.11	21.00	0.774	0.531	22.1
Open body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	23330/793	1:1	0.510	0.08	23.34	24.00	1.164	0.594	22.1
Back side	10	QPSK 1_0	23330/793	1:1	0.745	-0.05	23.34	24.00	1.164	0.867	22.1
Open body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	23330/793	1:1	0.507	0.14	22.11	23.00	1.227	0.622	22.1
Back side	10	QPSK 25_0	23330/793	1:1	0.632	0.12	22.11	23.00	1.227	0.775	22.1
Open body Evaluate data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	23330/793	1:1	0.610	-0.10	22.10	23.00	1.230	0.750	22.1
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	10	QPSK 1_0	23330/793	1:1	0.510	0.08	23.34	21.00	0.583	0.297	22.1
Back side	10	QPSK 1_0	23330/793	1:1	0.745	-0.05	23.34	21.00	0.583	0.434	22.1
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	10	QPSK 25_0	23330/793	1:1	0.507	0.14	22.11	21.00	0.774	0.392	22.1
Back side	10	QPSK 25_0	23330/793	1:1	0.632	0.12	22.11	21.00	0.774	0.489	22.1
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	10	QPSK 1_0	23330/793	1:1	0.461	0.13	23.34	24.00	1.164	0.537	22.1
Back side	10	QPSK 1_0	23330/793	1:1	0.903	0.14	23.34	24.00	1.164	1.051	22.1
Left side	10	QPSK 1_0	23330/793	1:1	0.592	-0.01	23.34	24.00	1.164	0.689	22.1
Right side	10	QPSK 1_0	23330/793	1:1	0.632	0.01	23.34	24.00	1.164	0.736	22.1
Bottom side	10	QPSK 1_0	23330/793	1:1	0.337	-0.14	23.34	24.00	1.164	0.392	22.1
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	10	QPSK 25_0	23330/793	1:1	0.370	0.15	22.11	23.00	1.227	0.454	22.1
Back side	10	QPSK 25_0	23330/793	1:1	0.656	-0.10	22.11	23.00	1.227	0.805	22.1
Left side	10	QPSK 25_0	23330/793	1:1	0.480	0.10	22.11	23.00	1.227	0.589	22.1
Right side	10	QPSK 25_0	23330/793	1:1	0.467	-0.08	22.11	23.00	1.227	0.573	22.1
Bottom side	10	QPSK 25_0	23330/793	1:1	0.269	0.01	22.11	23.00	1.227	0.330	22.1

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Back side 10mm	23330/793	0.817	0.806	1.014	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.8 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)
Open Open Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	26365/1882.5	1:1	0.000	-0.02	22.90	24.00	1.288	0.000	22.7
Left tilted	20	QPSK 1_0	26365/1882.5	1:1	0.000	-0.08	22.90	24.00	1.288	0.000	22.7
Right cheek	20	QPSK 1_0	26365/1882.5	1:1	0.000	0.06	22.90	24.00	1.288	0.000	22.7
Right tilted	20	QPSK 1_0	26365/1882.5	1:1	0.000	0.15	22.90	24.00	1.288	0.000	22.7
Open Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	26365/1882.5	1:1	0.000	-0.15	21.96	23.00	1.271	0.000	22.7
Left tilted	20	QPSK 50_0	26365/1882.5	1:1	0.000	-0.08	21.96	23.00	1.271	0.000	22.7
Right cheek	20	QPSK 50_0	26365/1882.5	1:1	0.000	-0.08	21.96	23.00	1.271	0.000	22.7
Right tilted	20	QPSK 50_0	26365/1882.5	1:1	0.000	0.11	21.96	23.00	1.271	0.000	22.7
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	20	QPSK 1_0	26365/1882.5	1:1	0.136	-0.05	22.90	24.00	1.288	0.175	22.7
Front side 35mm-CA_2C	20	QPSK PCC 1_99	18900/1880	1:1	0.1	0.03	22.85	24.00	1.303	0.13	22.7
		QPSK SCC 1_0	19098/1899.8								
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	20	QPSK 50_0	26365/1882.5	1:1	0.114	-0.17	21.96	23.00	1.271	0.145	22.7
Close body Test data (Separate 10mm 1RB) Sensor on											
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.879	-0.10	20.90	22.00	1.288	1.132	22.7
Back side-CA_2C	20	QPSK PCC 1_99	18900/1880	1:1	0.816	0.01	20.85	22.00	1.303	1.063	22.7
		QPSK SCC 1_0	19098/1899.8								
Back side-repeated sar	20	QPSK 1_0	26365/1882.5	1:1	0.865	0.16	20.90	22.00	1.288	1.114	22.7
Back side	20	QPSK 1_0	26140/1860	1:1	0.815	0.00	20.65	22.00	1.365	1.112	22.7
Back side	20	QPSK 1_0	26590/1905	1:1	0.826	-0.08	20.80	22.00	1.318	1.089	22.7
Close body Test data (Separate 10mm 50%RB) Sensor on											
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.821	0.05	20.87	22.00	1.297	1.065	22.7
Back side	20	QPSK 50_0	26140/1860	1:1	0.789	0.01	20.58	22.00	1.387	1.094	22.7
Back side	20	QPSK 50_0	26590/1905	1:1	0.794	0.03	20.86	22.00	1.300	1.032	22.7
Close body Test data (Separate 10mm 100%RB) Sensor on											
Back side	20	QPSK 100_0	26365/1882.5	1:1	0.785	0.05	20.85	22.00	1.303	1.023	22.7
Close body Test data (1RB) Sensor off											
Front side 10mm	20	QPSK 1_0	26365/1882.5	1:1	0.163	0.11	22.90	24.00	1.288	0.210	22.7
Back side 24mm	20	QPSK 1_0	26365/1882.5	1:1	0.116	0.19	22.90	24.00	1.288	0.149	22.7
Front side 10mm-CA_2C	20	QPSK PCC 1_99	18900/1880	1:1	0.153	0.06	22.85	24.00	1.303	0.199	22.7
		QPSK SCC 1_0	19098/1899.8								
Close body Test data (50%RB) Sensor off											
Front side 10mm	20	QPSK 50_0	26365/1882.5	1:1	0.116	0.19	21.96	23.00	1.271	0.147	22.7
Back side 24mm	20	QPSK 50_0	26365/1882.5	1:1	0.091	-0.12	21.96	23.00	1.271	0.116	22.7
Close body Evaluate data (Separate 10mm 1RB) Sensor on for Simultaneous											
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.879	-0.10	20.90	19.00	0.646	0.568	22.7
Close body Evaluate data (Separate 10mm 50%RB) Sensor on for Simultaneous											
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.821	0.05	20.87	19.00	0.650	0.534	22.7
Close body Evaluate data (1RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 1_0	26365/1882.5	1:1	0.163	0.11	22.90	19.00	0.407	0.066	22.7
Back side 24mm	20	QPSK 1_0	26365/1882.5	1:1	0.116	0.19	22.90	19.00	0.407	0.047	22.7

Close body Evaluate data (50%RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 50_0	26365/1882.5	1:1	0.116	0.19	21.96	19.00	0.506	0.059	22.7
Back side 24mm	20	QPSK 50_0	26365/1882.5	1:1	0.091	-0.12	21.96	19.00	0.506	0.046	22.7
Open body Test data (Separate 10mm 1RB) Sensor on											
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.814	0.05	20.90	22.00	1.288	1.048	22.7
Back side-CA_2C	20	QPSK PCC 1_99	18900/1880	1:1	0.785	-0.01	20.85	22.00	1.303	1.023	22.7
		QPSK SCC 1_0	19098/1899.8								
Back side	20	QPSK 1_0	26140/1860	1:1	0.755	0.06	20.65	22.00	1.365	1.031	22.7
Back side	20	QPSK 1_0	26590/1905	1:1	0.778	0.01	20.80	22.00	1.318	1.025	22.7
Open body Test data (Separate 10mm 50%RB) Sensor on											
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.800	-0.01	20.87	22.00	1.297	1.038	22.7
Back side	20	QPSK 50_0	26140/1860	1:1	0.760	-0.05	20.58	22.00	1.387	1.054	22.7
Back side	20	QPSK 50_0	26590/1905	1:1	0.744	0.04	20.86	22.00	1.300	0.967	22.7
Open body Test data (Separate 10mm 100%RB) Sensor on											
Back side	20	QPSK 100_0	26365/1882.5	1:1	0.725	0.05	20.85	22.00	1.303	0.945	22.7
Open body Test data (1RB) Sensor off											
Front side 10mm	20	QPSK 1_0	26365/1882.5	1:1	0.000	0.04	22.90	24.00	1.288	0.000	22.7
Back side 24mm	20	QPSK 1_0	26365/1882.5	1:1	0.118	-0.05	22.90	24.00	1.288	0.152	22.7
Front side 10mm-CA_2C	20	QPSK PCC 1_99	18900/1880	1:1	0.22	0.01	22.85	24.00	1.303	0.287	22.7
		QPSK SCC 1_0	19098/1899.8								
Open body Test data (50%RB) Sensor off											
Front side 10mm	20	QPSK 50_0	26365/1882.5	1:1	0.000	0.05	21.96	23.00	1.271	0.000	22.7
Back side 24mm	20	QPSK 50_0	26365/1882.5	1:1	0.108	0.02	21.96	23.00	1.271	0.137	22.7
Open body Evaluate data (Separate 10mm 1RB) Sensor on for Simultaneous											
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.814	0.05	20.90	19.00	0.646	0.526	22.7
Open body Evaluate data (Separate 10mm 50%RB) Sensor on for Simultaneous											
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.800	-0.01	20.87	19.00	0.650	0.520	22.7
Open body Evaluate data (1RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 1_0	26365/1882.5	1:1	0.000	0.04	22.90	19.00	0.407	0.000	22.7
Back side 24mm	20	QPSK 1_0	26365/1882.5	1:1	0.118	-0.05	22.90	19.00	0.407	0.048	22.7
Open body Evaluate data (50%RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 50_0	26365/1882.5	1:1	0.000	0.05	21.96	19.00	0.506	0.000	22.7
Back side 24mm	20	QPSK 50_0	26365/1882.5	1:1	0.108	0.02	21.96	19.00	0.506	0.055	22.7
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB) Sensor on											
Back side	20	QPSK 1_0	26365/1882.5	1:1	1.200	0.02	20.90	22.00	1.288	1.546	22.7
Bottom side	20	QPSK 1_0	26365/1882.5	1:1	1.000	-0.07	20.90	22.00	1.288	1.288	22.7
Back side-CA_2C	20	QPSK PCC 1_99	18900/1880	1:1	1.08	0.01	20.85	22.00	1.303	1.407	22.7
		QPSK SCC 1_0	19098/1899.8								
Product specific 10g SAR Test data (Separate 0mm 50%RB) Sensor on											
Back side	20	QPSK 50_0	26365/1882.5	1:1	1.120	0.13	20.87	22.00	1.297	1.453	22.7
Bottom side	20	QPSK 50_0	26365/1882.5	1:1	0.898	-0.03	20.87	22.00	1.297	1.165	22.7
Product specific 10g SAR Test data (1RB) Sensor off											
Front side 0mm	20	QPSK 1_0	26365/1882.5	1:1	1.020	0.13	22.90	24.00	1.288	1.314	22.7
Back side 24mm	20	QPSK 1_0	26365/1882.5	1:1	0.124	-0.14	22.90	24.00	1.288	0.160	22.7
Left side 0mm	20	QPSK 1_0	26365/1882.5	1:1	0.865	0.07	22.90	24.00	1.288	1.114	22.7
Right side 0mm	20	QPSK 1_0	26365/1882.5	1:1	0.149	0.16	22.90	24.00	1.288	0.192	22.7
Bottom side 25mm	20	QPSK 1_0	26365/1882.5	1:1	0.118	-0.18	22.90	24.00	1.288	0.152	22.7
Front side 0mm-	20	QPSK PCC 1_99	18900/1880	1:1	0.936	-0.01	22.85	24.00	1.303	1.220	22.7

CA_2C		QPSK SCC 1_0	19098/1899.8									
Product specific 10g SAR Test data (50%RB) Sensor off												
Front side 0mm	20	QPSK 50_0	26365/1882.5	1:1	0.725	0.10	21.96	23.00	1.271	0.921	22.7	
Back side 24mm	20	QPSK 50_0	26365/1882.5	1:1	0.121	0.16	21.96	23.00	1.271	0.154	22.7	
Left side 0mm	20	QPSK 50_0	26365/1882.5	1:1	0.699	-0.01	21.96	23.00	1.271	0.888	22.7	
Right side 0mm	20	QPSK 50_0	26365/1882.5	1:1	0.138	0.12	21.96	23.00	1.271	0.175	22.7	
Bottom side 25mm	20	QPSK 50_0	26365/1882.5	1:1	0.115	-0.15	21.96	23.00	1.271	0.146	22.7	
Ant 1 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)	
Open Head Test Data (1RB)												
Left cheek	20	QPSK 1_0	26365/1882.5	1:1	0.570	0.03	22.85	24.00	1.303	0.743	22.7	
Left tilted	20	QPSK 1_0	26365/1882.5	1:1	0.302	0.08	22.85	24.00	1.303	0.394	22.7	
Right cheek	20	QPSK 1_0	26365/1882.5	1:1	0.793	0.09	22.85	24.00	1.303	1.033	22.7	
Right cheek	20	QPSK 1_0	26140/1860	1:1	0.715	-0.14	22.41	24.00	1.442	1.031	22.7	
Right cheek	20	QPSK 1_0	26590/1905	1:1	0.723	-0.15	22.48	24.00	1.419	1.026	22.7	
Right tilted	20	QPSK 1_0	26365/1882.5	1:1	0.502	0.17	22.85	24.00	1.303	0.654	22.7	
Open Head Test Data (50%RB)												
Left cheek	20	QPSK 50_0	26365/1882.5	1:1	0.572	-0.10	21.85	23.00	1.303	0.745	22.7	
Left tilted	20	QPSK 50_0	26365/1882.5	1:1	0.381	0.01	21.85	23.00	1.303	0.496	22.7	
Right cheek	20	QPSK 50_0	26365/1882.5	1:1	0.688	0.01	21.85	23.00	1.303	0.896	22.7	
Right cheek	20	QPSK 50_0	26140/1860	1:1	0.625	0.14	21.42	23.00	1.439	0.899	22.7	
Right cheek	20	QPSK 50_0	26590/1905	1:1	0.639	-0.11	21.60	23.00	1.380	0.882	22.7	
Right tilted	20	QPSK 50_0	26365/1882.5	1:1	0.473	-0.02	21.85	23.00	1.303	0.616	22.7	
Open Head Test Data (100%RB)												
Right cheek	20	QPSK 100_0	26365/1882.5	1:1	0.653	0.16	21.88	23.00	1.294	0.845	22.7	
Close body Test data (Separate 10mm 1RB)												
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.077	0.06	22.85	24.00	1.303	0.100	22.7	
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.392	0.05	22.85	24.00	1.303	0.511	22.7	
Close body Test data (Separate 10mm 50%RB)												
Front side	20	QPSK 50_0	26365/1882.5	1:1	0.061	-0.16	21.85	23.00	1.303	0.079	22.7	
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.301	0.03	21.85	23.00	1.303	0.392	22.7	
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous												
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.077	0.06	22.85	21.00	0.653	0.050	22.7	
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.392	0.05	22.85	21.00	0.653	0.256	22.7	
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous												
Front side	20	QPSK 50_0	26365/1882.5	1:1	0.061	-0.16	21.85	21.00	0.822	0.050	22.7	
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.301	0.03	21.85	21.00	0.822	0.247	22.7	
Open body Test data (Separate 10mm 1RB)												
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.152	-0.06	22.85	24.00	1.303	0.198	22.7	
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.352	0.05	22.85	24.00	1.303	0.459	22.7	
Open body Test data (Separate 10mm 50%RB)												
Front side	20	QPSK 50_0	26365/1882.5	1:1	0.141	-0.10	21.85	23.00	1.303	0.184	22.7	
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.288	0.12	21.85	23.00	1.303	0.375	22.7	
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous												
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.152	-0.06	22.85	21.00	0.653	0.099	22.7	
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.352	0.05	22.85	21.00	0.653	0.230	22.7	
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous												
Front side	20	QPSK 50_0	26365/1882.5	1:1	0.141	-0.10	21.85	21.00	0.822	0.116	22.7	
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.288	0.12	21.85	21.00	0.822	0.237	22.7	

Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_0	26365/1882.5	1:1	0.124	0.03	22.85	24.00	1.303	0.162	22.7
Back side	20	QPSK 1_0	26365/1882.5	1:1	0.815	-0.03	22.85	24.00	1.303	1.062	22.7
Left side	20	QPSK 1_0	26365/1882.5	1:1	0.116	-0.12	22.85	24.00	1.303	0.151	22.7
Right side	20	QPSK 1_0	26365/1882.5	1:1	0.965	-0.16	22.85	24.00	1.303	1.257	22.7
Bottom side	20	QPSK 1_0	26365/1882.5	1:1	0.072	0.11	22.85	24.00	1.303	0.094	22.7
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_0	26365/1882.5	1:1	0.103	0.11	21.85	23.00	1.303	0.134	22.7
Back side	20	QPSK 50_0	26365/1882.5	1:1	0.675	-0.19	21.85	23.00	1.303	0.880	22.7
Left side	20	QPSK 50_0	26365/1882.5	1:1	0.102	-0.17	21.85	23.00	1.303	0.133	22.7
Right side	20	QPSK 50_0	26365/1882.5	1:1	0.710	-0.03	21.85	23.00	1.303	0.925	22.7
Bottom side	20	QPSK 50_0	26365/1882.5	1:1	0.060	-0.12	21.85	23.00	1.303	0.078	22.7

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Back side 10mm	26365/1882.5	0.879	0.865	1.016	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.9 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	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Open Open Head Test Data (1RB)											
Left cheek	15	QPSK 1_0	26865/831.5	1:1	0.000	0.08	22.88	24.00	1.294	0.000	22.5
Left tilted	15	QPSK 1_0	26865/831.5	1:1	0.000	-0.04	22.88	24.00	1.294	0.000	22.5
Right cheek	15	QPSK 1_0	26865/831.5	1:1	0.000	0.09	22.88	24.00	1.294	0.000	22.5
Right tilted	15	QPSK 1_0	26865/831.5	1:1	0.000	-0.06	22.88	24.00	1.294	0.000	22.5
Open Head Test Data (50%RB)											
Left cheek	15	QPSK 36_0	26865/831.5	1:1	0.000	-0.19	21.83	23.00	1.309	0.000	22.5
Left tilted	15	QPSK 36_0	26865/831.5	1:1	0.000	0.01	21.83	23.00	1.309	0.000	22.5
Right cheek	15	QPSK 36_0	26865/831.5	1:1	0.000	0.15	21.83	23.00	1.309	0.000	22.5
Right tilted	15	QPSK 36_0	26865/831.5	1:1	0.000	0.04	21.83	23.00	1.309	0.000	22.5
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	15	QPSK 1_0	26865/831.5	1:1	0.052	0.01	22.88	24.00	1.294	0.067	22.5
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	15	QPSK 36_0	26865/831.5	1:1	0.036	-0.18	21.83	23.00	1.309	0.047	22.5
Close body Test data (Separate 10mm 1RB)											
Front side	15	QPSK 1_0	26865/831.5	1:1	0.303	-0.10	22.88	24.00	1.294	0.392	22.5
Back side	15	QPSK 1_0	26865/831.5	1:1	0.726	-0.04	22.88	24.00	1.294	0.939	22.5
Close body Test data (Separate 10mm 50%RB)											
Front side	15	QPSK 36_0	26865/831.5	1:1	0.263	0.19	21.83	23.00	1.309	0.344	22.5
Back side	15	QPSK 36_0	26865/831.5	1:1	0.630	-0.07	21.83	23.00	1.309	0.825	22.5
Close body Test data (Separate 10mm 100%RB)											
Back side	15	QPSK 75_0	26865/831.5	1:1	0.611	0.03	21.85	23.00	1.303	0.796	22.5
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	15	QPSK 1_0	26865/831.5	1:1	0.303	-0.10	22.88	21.00	0.649	0.197	22.5
Back side	15	QPSK 1_0	26865/831.5	1:1	0.726	-0.04	22.88	21.00	0.649	0.471	22.5
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	15	QPSK 36_0	26865/831.5	1:1	0.263	0.19	21.83	21.00	0.826	0.217	22.5
Back side	15	QPSK 36_0	26865/831.5	1:1	0.630	-0.07	21.83	21.00	0.826	0.520	22.5
Open body Test data (Separate 10mm 1RB)											
Front side	15	QPSK 1_0	26865/831.5	1:1	0.489	0.08	22.88	24.00	1.294	0.633	22.5
Back side	15	QPSK 1_0	26865/831.5	1:1	0.710	-0.01	22.88	24.00	1.294	0.919	22.5
Open body Test data (Separate 10mm 50%RB)											
Front side	15	QPSK 36_0	26865/831.5	1:1	0.445	0.05	21.83	23.00	1.309	0.583	22.5
Back side	15	QPSK 36_0	26865/831.5	1:1	0.598	-0.10	21.83	23.00	1.309	0.783	22.5
Open body Test data (Separate 10mm 100%RB)											
Back side	15	QPSK 75_0	26865/831.5	1:1	0.680	0.02	21.85	23.00	1.303	0.886	22.5
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	15	QPSK 1_0	26865/831.5	1:1	0.489	0.08	22.88	21.00	0.649	0.317	22.5
Back side	15	QPSK 1_0	26865/831.5	1:1	0.710	-0.01	22.88	21.00	0.649	0.461	22.5
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	15	QPSK 36_0	26865/831.5	1:1	0.445	0.05	21.83	21.00	0.826	0.368	22.5
Back side	15	QPSK 36_0	26865/831.5	1:1	0.598	-0.10	21.83	21.00	0.826	0.494	22.5
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	15	QPSK 1_0	26865/831.5	1:1	0.395	-0.08	22.88	24.00	1.294	0.511	22.5
Back side	15	QPSK 1_0	26865/831.5	1:1	1.090	0.11	22.88	24.00	1.294	1.410	22.5
Left side	15	QPSK 1_0	26865/831.5	1:1	0.570	0.02	22.88	24.00	1.294	0.738	22.5
Right side	15	QPSK 1_0	26865/831.5	1:1	0.434	-0.13	22.88	24.00	1.294	0.562	22.5
Bottom side	15	QPSK 1_0	26865/831.5	1:1	0.321	-0.13	22.88	24.00	1.294	0.415	22.5
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	15	QPSK 36_0	26865/831.5	1:1	0.339	-0.06	21.83	23.00	1.309	0.444	22.5
Back side	15	QPSK 36_0	26865/831.5	1:1	0.773	-0.01	21.83	23.00	1.309	1.012	22.5
Left side	15	QPSK 36_0	26865/831.5	1:1	0.498	-0.06	21.83	23.00	1.309	0.652	22.5
Right side	15	QPSK 36_0	26865/831.5	1:1	0.347	0.04	21.83	23.00	1.309	0.454	22.5
Bottom side	15	QPSK 36_0	26865/831.5	1:1	0.290	-0.05	21.83	23.00	1.309	0.380	22.5

8.3.10 SAR Result of LTE Band 30

LTE Band 30 SAR Test Record											
Ant 4 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Open Open Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	27710/2310	1:1	0.000	0.18	22.82	24.00	1.312	0.000	22.2
Left tilted	10	QPSK 1_0	27710/2310	1:1	0.000	-0.01	22.82	24.00	1.312	0.000	22.2
Right cheek	10	QPSK 1_0	27710/2310	1:1	0.000	0.09	22.82	24.00	1.312	0.000	22.2
Right tilted	10	QPSK 1_0	27710/2310	1:1	0.000	0.18	22.82	24.00	1.312	0.000	22.2
Open Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	27710/2310	1:1	0.000	0.07	21.89	23.00	1.291	0.000	22.2
Left tilted	10	QPSK 25_0	27710/2310	1:1	0.000	-0.09	21.89	23.00	1.291	0.000	22.2
Right cheek	10	QPSK 25_0	27710/2310	1:1	0.000	-0.13	21.89	23.00	1.291	0.000	22.2
Right tilted	10	QPSK 25_0	27710/2310	1:1	0.000	-0.02	21.89	23.00	1.291	0.000	22.2
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	10	QPSK 1_0	27710/2310	1:1	0.104	0.06	22.82	24.00	1.312	0.136	22.2
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	10	QPSK 25_0	27710/2310	1:1	0.085	0.07	21.89	23.00	1.291	0.110	22.2
Close body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.110	0.08	22.82	24.00	1.312	0.144	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	0.667	0.10	22.82	24.00	1.312	0.875	22.2
Close body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.086	0.05	21.89	23.00	1.291	0.111	22.2
Back side	10	QPSK 25_0	27710/2310	1:1	0.590	0.06	21.89	23.00	1.291	0.762	22.2
Close body Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	27710/2310	1:1	0.555	-0.05	21.88	23.00	1.294	0.718	22.2
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	10	QPSK 1_0	27710/2310	1:1	0.110	0.08	22.82	21.00	0.658	0.072	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	0.667	0.10	22.82	21.00	0.658	0.439	22.2
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	10	QPSK 25_0	27710/2310	1:1	0.086	0.05	21.89	21.00	0.815	0.070	22.2
Back side	10	QPSK 25_0	27710/2310	1:1	0.590	0.06	21.89	21.00	0.815	0.481	22.2
Open body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.205	0.03	22.82	24.00	1.312	0.269	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	0.625	-0.01	22.82	24.00	1.312	0.820	22.2
Open body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.185	0.08	21.89	23.00	1.291	0.239	22.2
Back side	10	QPSK 25_0	27710/2310	1:1	0.587	-0.11	21.89	23.00	1.291	0.758	22.2
Open body Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	27710/2310	1:1	0.569	0.07	21.88	23.00	1.294	0.736	22.2
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	10	QPSK 1_0	27710/2310	1:1	0.205	0.03	22.82	21.00	0.658	0.135	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	0.625	-0.01	22.82	21.00	0.658	0.411	22.2
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	10	QPSK 25_0	27710/2310	1:1	0.185	0.08	21.89	21.00	0.815	0.151	22.2
Back side	10	QPSK 25_0	27710/2310	1:1	0.587	-0.11	21.89	21.00	0.815	0.478	22.2
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											

Front side	10	QPSK 1_0	27710/2310	1:1	0.865	0.08	22.82	24.00	1.312	1.135	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	1.860	0.06	22.82	24.00	1.312	2.440	22.2
Left side	10	QPSK 1_0	27710/2310	1:1	2.180	0.04	22.82	24.00	1.312	2.860	22.2
Left side-repeated sar	10	QPSK 1_0	27710/2310	1:1	2.080	0.01	22.82	24.00	1.312	2.729	22.2
Right side	10	QPSK 1_0	27710/2310	1:1	0.268	0.11	22.82	24.00	1.312	0.352	22.2
Bottom side	10	QPSK 1_0	27710/2310	1:1	0.436	0.15	22.82	24.00	1.312	0.572	22.2
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.642	-0.06	21.89	23.00	1.291	0.829	22.2
Back side	10	QPSK 25_0	27710/2310	1:1	1.890	0.05	21.89	23.00	1.291	2.440	22.2
Left side	10	QPSK 25_0	27710/2310	1:1	2.000	-0.01	21.89	23.00	1.291	2.582	22.2
Right side	10	QPSK 25_0	27710/2310	1:1	0.235	0.05	21.89	23.00	1.291	0.303	22.2
Bottom side	10	QPSK 25_0	27710/2310	1:1	0.369	0.09	21.89	23.00	1.291	0.476	22.2
Product specific 10g SAR Test data (Separate 0mm 100%RB)											
Back side	10	QPSK 50_0	27710/2310	1:1	1.730	0.17	21.88	23.00	1.294	2.239	22.2
Left side	10	QPSK 50_0	27710/2310	1:1	1.950	0.19	21.88	23.00	1.294	2.523	22.2
Ant 5 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)
Open Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	27710/2310	1:1	0.355	0.16	22.40	24.00	1.445	0.513	22.2
Left tilted	10	QPSK 1_0	27710/2310	1:1	0.099	-0.14	22.40	24.00	1.445	0.143	22.2
Right cheek	10	QPSK 1_0	27710/2310	1:1	0.387	0.08	22.40	24.00	1.445	0.559	22.2
Right tilted	10	QPSK 1_0	27710/2310	1:1	0.101	0.09	22.40	24.00	1.445	0.146	22.2
Open Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	27710/2310	1:1	0.361	0.18	21.46	23.00	1.426	0.515	22.2
Left tilted	10	QPSK 25_0	27710/2310	1:1	0.090	0.06	21.46	23.00	1.426	0.128	22.2
Right cheek	10	QPSK 25_0	27710/2310	1:1	0.279	-0.19	21.46	23.00	1.426	0.398	22.2
Right tilted	10	QPSK 25_0	27710/2310	1:1	0.097	-0.13	21.46	23.00	1.426	0.138	22.2
Close body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.061	-0.14	22.40	24.00	1.445	0.088	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	0.273	0.09	22.40	24.00	1.445	0.394	22.2
Close body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.050	0.12	21.46	23.00	1.426	0.071	22.2
Back side	10	QPSK 25_0	27710/2310	1:1	0.225	0.17	21.46	23.00	1.426	0.321	22.2
Open body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.000	-0.06	22.40	24.00	1.445	0.000	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	0.269	0.02	22.40	24.00	1.445	0.389	22.2
Open body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.000	0.11	21.46	23.00	1.426	0.000	22.2
Back side	10	QPSK 25_0	27710/2310	1:1	0.222	-0.07	21.46	23.00	1.426	0.317	22.2
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.100	0.08	22.40	24.00	1.445	0.145	22.2
Back side	10	QPSK 1_0	27710/2310	1:1	0.146	-0.12	22.40	24.00	1.445	0.211	22.2
Left side	10	QPSK 1_0	27710/2310	1:1	0.121	-0.03	22.40	24.00	1.445	0.175	22.2
Right side	10	QPSK 1_0	27710/2310	1:1	1.010	-0.17	22.40	24.00	1.445	1.459	22.2
Bottom side	10	QPSK 1_0	27710/2310	1:1	0.052	-0.07	22.40	24.00	1.445	0.075	22.2
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.076	0.12	21.46	23.00	1.426	0.108	22.2

Back side	10	QPSK 25_0	27710/2310	1:1	0.110	-0.11	21.46	23.00	1.426	0.157	22.2
Left side	10	QPSK 25_0	27710/2310	1:1	0.101	-0.11	21.46	23.00	1.426	0.144	22.2
Right side	10	QPSK 25_0	27710/2310	1:1	0.790	0.10	21.46	23.00	1.426	1.127	22.2
Bottom side	10	QPSK 25_0	27710/2310	1:1	0.042	-0.08	21.46	23.00	1.426	0.060	22.2

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left side 0mm	27710/2310	2.180	2.080	1.048	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.11 SAR Result of LTE Band 41

LTE Band 41 SAR Test Record											
Ant 4 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Open Open Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	40620/2593	1:1.58	0.000	-0.14	23.06	24.00	1.242	0.000	22.8
Left tilted	20	QPSK 1_0	40620/2593	1:1.58	0.000	0.06	23.06	24.00	1.242	0.000	22.8
Right cheek	20	QPSK 1_0	40620/2593	1:1.58	0.000	0.11	23.06	24.00	1.242	0.000	22.8
Right tilted	20	QPSK 1_0	40620/2593	1:1.58	0.000	-0.19	23.06	24.00	1.242	0.000	22.8
Open Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	40620/2593	1:1.58	0.000	-0.13	22.07	23.00	1.239	0.000	22.8
Left tilted	20	QPSK 50_0	40620/2593	1:1.58	0.000	0.09	22.07	23.00	1.239	0.000	22.8
Right cheek	20	QPSK 50_0	40620/2593	1:1.58	0.000	0.03	22.07	23.00	1.239	0.000	22.8
Right tilted	20	QPSK 50_0	40620/2593	1:1.58	0.000	-0.14	22.07	23.00	1.239	0.000	22.8
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	20	QPSK 1_0	40620/2593	1:1.58	0.011	0.01	23.06	24.00	1.242	0.014	22.8
Front side 35mm-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.015	0.12	26.21	27.00	1.199	0.018	22.8
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	20	QPSK 50_0	40620/2593	1:1.58	0.000	-0.06	22.07	23.00	1.239	0.000	22.8
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.089	0.12	23.06	24.00	1.242	0.111	22.8
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.156	0.02	23.06	24.00	1.242	0.194	22.8
Back side-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.231	-0.06	26.21	27.00	1.199	0.277	22.8
Close body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.042	-0.02	22.07	23.00	1.239	0.052	22.8
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.153	-0.13	22.07	23.00	1.239	0.190	22.8
Open body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.196	-0.01	23.06	24.00	1.242	0.243	22.8
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.155	0.00	23.06	24.00	1.242	0.193	22.8
Back side-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.228	0.01	26.21	27.00	1.199	0.273	22.8
Open body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.174	-0.05	22.07	23.00	1.239	0.216	22.8
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.153	0.01	22.07	23.00	1.239	0.190	22.8
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.292	-0.11	23.06	24.00	1.242	0.363	22.8
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.459	-0.12	23.06	24.00	1.242	0.570	22.8
Left side	20	QPSK 1_0	40620/2593	1:1.58	0.653	0.04	23.06	24.00	1.242	0.811	22.8
Left side-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.947	0.08	26.21	27.00	1.199	1.135	22.8
Right side	20	QPSK 1_0	40620/2593	1:1.58	0.044	-0.12	23.06	24.00	1.242	0.055	22.8
Bottom side	20	QPSK 1_0	40620/2593	1:1.58	0.102	-0.07	23.06	24.00	1.242	0.127	22.8
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.229	-0.14	22.07	23.00	1.239	0.284	22.8
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.361	-0.13	22.07	23.00	1.239	0.447	22.8
Left side	20	QPSK 50_0	40620/2593	1:1.58	0.559	0.01	22.07	23.00	1.239	0.693	22.8
Right side	20	QPSK 50_0	40620/2593	1:1.58	0.036	0.10	22.07	23.00	1.239	0.045	22.8
Bottom side	20	QPSK 50_0	40620/2593	1:1.58	0.068	0.03	22.07	23.00	1.239	0.084	22.8

8.3.12 SAR Result of LTE Band 48

LTE Band 48 SAR Test Record											
Ant 6 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)
Open Head Test Data (1RB) Receiver on											
Left cheek	20	QPSK 1_0	55990/3625	1:1.58	0.813	0.08	17.59	18.50	1.233	1.002	23
Left cheek-repeated sar	20	QPSK 1_0	55990/3625	1:1.58	0.806	-0.12	17.59	18.50	1.233	0.994	23
Left cheek	20	QPSK 1_0	55340/3560	1:1.58	0.755	0.00	17.28	18.50	1.324	1.000	23.1
Left cheek	20	QPSK 1_0	56640/3690	1:1.58	0.771	0.04	17.46	18.50	1.271	0.980	23
Left tilted	20	QPSK 1_0	55990/3625	1:1.58	0.529	0.01	17.59	18.50	1.233	0.652	23
Right cheek	20	QPSK 1_0	55990/3625	1:1.58	0.631	-0.14	17.59	18.50	1.233	0.778	23
Right tilted	20	QPSK 1_0	55990/3625	1:1.58	0.491	0.06	17.59	18.50	1.233	0.605	23
Open Head Test Data (50%RB) Receiver on											
Left cheek	20	QPSK 50_0	55990/3625	1:1.58	0.650	-0.07	17.52	18.50	1.253	0.814	23
Left cheek	20	QPSK 50_0	55340/3560	1:1.58	0.610	0.05	17.21	18.50	1.346	0.821	23
Left cheek	20	QPSK 50_0	56640/3690	1:1.58	0.598	0.03	17.45	18.50	1.274	0.762	23
Left tilted	20	QPSK 50_0	55990/3625	1:1.58	0.498	0.16	17.52	18.50	1.253	0.624	23
Right cheek	20	QPSK 50_0	55990/3625	1:1.58	0.557	0.15	17.52	18.50	1.253	0.698	23
Right tilted	20	QPSK 50_0	55990/3625	1:1.58	0.473	-0.06	17.52	18.50	1.253	0.593	23
Open Head Test Data (100%RB) Receiver on											
Left cheek	20	QPSK 100_0	55990/3625	1:1.58	0.647	-0.04	17.55	18.50	1.245	0.806	23
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.101	-0.03	23.08	24.00	1.236	0.125	23
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.843	0.09	23.08	24.00	1.236	1.042	23
Back side-repeated	20	QPSK 1_0	55990/3625	1:1.58	0.836	0.03	23.08	24.00	1.236	1.033	23
Back side	20	QPSK 1_0	55340/3560	1:1.58	0.790	0.03	22.82	24.00	1.312	1.036	23.1
Back side	20	QPSK 1_0	56640/3690	1:1.58	0.785	0.13	22.98	24.00	1.265	0.993	23
Close body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.081	-0.02	22.17	23.00	1.211	0.098	23
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.639	-0.12	22.17	23.00	1.211	0.774	23
Close body Test data (Separate 10mm 100%RB)											
Back side	20	QPSK 100_0	55990/3625	1:1.58	0.625	0.04	22.13	23.00	1.222	0.764	23
Open body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.042	0.05	23.08	24.00	1.236	0.052	23
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.814	-0.01	23.08	24.00	1.236	1.006	23
Back side	20	QPSK 1_0	55340/3560	1:1.58	0.774	0.01	22.82	24.00	1.312	1.015	23.1
Back side	20	QPSK 1_0	56640/3690	1:1.58	0.736	-0.05	22.98	24.00	1.265	0.931	23
Open body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.020	0.12	22.17	23.00	1.211	0.024	23
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.611	0.15	22.17	23.00	1.211	0.740	23
Open body Test data (Separate 10mm 100%RB)											
Back side	20	QPSK 100_0	55990/3625	1:1.58	0.596	-0.06	22.13	23.00	1.222	0.728	23
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.088	0.06	23.08	24.00	1.236	0.109	23
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.601	0.06	23.08	24.00	1.236	0.743	23
Left side	20	QPSK 1_0	55990/3625	1:1.58	0.138	-0.16	23.08	24.00	1.236	0.171	23

Right side	20	QPSK 1_0	55990/3625	1:1.58	0.129	-0.05	23.08	24.00	1.236	0.159	23
Bottom side	20	QPSK 1_0	55990/3625	1:1.58	0.026	0.19	23.08	24.00	1.236	0.032	23
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.069	-0.16	22.17	23.00	1.211	0.084	23
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.488	0.03	22.17	23.00	1.211	0.591	23
Left side	20	QPSK 50_0	55990/3625	1:1.58	0.115	-0.13	22.17	23.00	1.211	0.139	23
Right side	20	QPSK 50_0	55990/3625	1:1.58	0.111	-0.02	22.17	23.00	1.211	0.134	23
Bottom side	20	QPSK 50_0	55990/3625	1:1.58	0.021	-0.03	22.17	23.00	1.211	0.025	23

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	55990/3625	0.813	0.806	1.009	N/A	N/A
Back side 10mm	55990/3625	0.843	0.836	1.008	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

8.3.13 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)
Open Open Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.000	0.13	23.13	24.00	1.222	0.000	22.9
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.000	0.04	23.13	24.00	1.222	0.000	22.9
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.000	0.12	23.13	24.00	1.222	0.000	22.9
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.000	0.05	23.13	24.00	1.222	0.000	22.9
Open Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.000	-0.11	22.11	23.00	1.227	0.000	22.9
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.000	-0.08	22.11	23.00	1.227	0.000	22.9
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.000	-0.19	22.11	23.00	1.227	0.000	22.9
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.000	0.11	22.11	23.00	1.227	0.000	22.9
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	20	QPSK 1_0	132322/1745	1:1	0.088	0.10	23.13	24.00	1.222	0.108	22.9
Front side 35mm-CA_66C	20	QPSK PCC 1_99	132322/1745	1:1	0.056	-0.07	23.08	24.00	1.236	0.069	22.9
		QPSK SCC 1_0	132520/1764.8								
Front side 35mm-CA_66B	20	QPSK PCC 1_0	132322/1745	1:1	0.069	0.06	23.06	24.00	1.242	0.086	22.9
		QPSK SCC 1_24	132229/1735.7								
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	20	QPSK 50_0	132322/1745	1:1	0.078	0.16	22.11	23.00	1.227	0.096	22.9
Close body Test data (Separate 10mm 1RB) Sensor on											
Back side	20	QPSK 1_0	132322/1745	1:1	0.915	-0.19	22.11	23.00	1.227	1.123	22.9
Back side-CA_66C	20	QPSK PCC 1_99	132322/1745	1:1	0.856	0.05	22.09	23.00	1.233	1.055	22.9
		QPSK SCC 1_0	132520/1764.8								
Back side-CA_66B	20	QPSK PCC 1_0	132322/1745	1:1	0.888	-0.01	22.10	23.00	1.230	1.092	22.9
		QPSK SCC 1_24	132229/1735.7								
Back side-repeated sar	20	QPSK 1_0	132322/1745	1:1	0.906	0.04	22.11	23.00	1.227	1.112	22.9
Back side	20	QPSK 1_0	132072/1720	1:1	0.822	-0.03	22.08	23.00	1.236	1.016	22.9
Back side	20	QPSK 1_0	132572/1770	1:1	0.836	0.15	22.00	23.00	1.259	1.053	22.9
Close body Test data (Separate 10mm 50%RB) Sensor on											
Back side	20	QPSK 50_0	132322/1745	1:1	0.852	0.07	22.08	23.00	1.236	1.053	22.9
Back side	20	QPSK 50_0	132072/1720	1:1	0.811	-0.14	22.04	23.00	1.247	1.011	22.9
Back side	20	QPSK 50_0	132572/1770	1:1	0.806	0.06	22.04	23.00	1.247	1.005	22.9
Close body Test data (Separate 10mm 100%RB) Sensor on											
Back side	20	QPSK 100_0	132322/1745	1:1	0.833	0.12	22.09	23.00	1.233	1.027	22.9
Close body Test data (1RB) Sensor off											
Front side 10mm	20	QPSK 1_0	132322/1745	1:1	0.226	0.18	23.13	24.00	1.222	0.276	22.9
Back side 24mm	20	QPSK 1_0	132322/1745	1:1	0.128	-0.14	23.13	24.00	1.222	0.156	22.9
Front side 0mm-CA_66C	20	QPSK PCC 1_99	132322/1745	1:1	0.21	0.03	23.08	24.00	1.236	0.260	22.9
		QPSK SCC 1_0	132520/1764.8								
Front side 0mm-CA_66B	20	QPSK PCC 1_0	132322/1745	1:1	0.205	0.04	23.06	24.00	1.242	0.255	22.9
		QPSK SCC 1_24	132229/1735.7								
Close body Test data (50%RB) Sensor off											
Front side 10mm	20	QPSK 50_0	132322/1745	1:1	0.195	-0.06	22.11	23.00	1.227	0.239	22.9
Back side 24mm	20	QPSK 50_0	132322/1745	1:1	0.101	0.12	22.11	23.00	1.227	0.124	22.9
Close body Evaluate data (Separate 10mm 1RB) Sensor on for Simultaneous											
Back side	20	QPSK 1_0	132322/1745	1:1	0.915	-0.19	22.11	20.00	0.615	0.563	22.9

Close body Evaluate data (Separate 10mm 50%RB) Sensor on for Simultaneous											
Back side	20	QPSK 50_0	132322/1745	1:1	0.852	0.07	22.08	20.00	0.619	0.527	22.9
Close body Evaluate data (1RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 1_0	132322/1745	1:1	0.226	0.18	23.13	20.00	0.486	0.110	22.9
Back side 24mm	20	QPSK 1_0	132322/1745	1:1	0.128	-0.14	23.13	20.00	0.486	0.062	22.9
Close body Evaluate data (50%RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 50_0	132322/1745	1:1	0.195	-0.06	22.11	20.00	0.615	0.120	22.9
Back side 24mm	20	QPSK 50_0	132322/1745	1:1	0.101	0.12	22.11	20.00	0.615	0.062	22.9
Open body Test data (Separate 10mm 1RB) Sensor on											
Back side	20	QPSK 1_0	132322/1745	1:1	0.869	0.06	22.11	23.00	1.227	1.066	22.9
Back side-CA_66C	20	QPSK PCC 1_99	132322/1745	1:1	0.811	-0.05	22.09	23.00	1.233	1	22.9
		QPSK SCC 1_0	132520/1764.8								
Back side-CA_66B	20	QPSK PCC 1_0	132322/1745	1:1	0.800	0.01	22.10	23.00	1.230	0.984	22.9
		QPSK SCC 1_24	132229/1735.7								
Back side	20	QPSK 1_0	132072/1720	1:1	0.788	0.08	22.08	23.00	1.236	0.974	22.9
Back side	20	QPSK 1_0	132572/1770	1:1	0.769	-0.01	22.00	23.00	1.259	0.968	22.9
Open body Test data (Separate 10mm 50%RB) Sensor on											
Back side	20	QPSK 50_0	132322/1745	1:1	0.844	0.07	22.08	23.00	1.236	1.043	22.9
Back side	20	QPSK 50_0	132072/1720	1:1	0.788	0.09	22.04	23.00	1.247	0.983	22.9
Back side	20	QPSK 50_0	132572/1770	1:1	0.769	0.15	22.04	23.00	1.247	0.959	22.9
Open body Test data (Separate 10mm 100%RB) Sensor on											
Back side	20	QPSK 100_0	132322/1745	1:1	0.755	0.12	22.09	23.00	1.233	0.931	22.9
Open body Test data (1RB) Sensor off											
Front side 10mm	20	QPSK 1_0	132322/1745	1:1	0.369	0.16	23.13	24.00	1.222	0.451	22.9
Back side 24mm	20	QPSK 1_0	132322/1745	1:1	0.112	-0.13	23.13	24.00	1.222	0.137	22.9
Front side 0mm-CA_66C	20	QPSK PCC 1_99	132322/1745	1:1	0.201	0.11	23.08	24.00	1.236	0.248	22.9
		QPSK SCC 1_0	132520/1764.8								
Front side 0mm-CA_66B	20	QPSK PCC 1_0	132322/1745	1:1	0.198	0.02	23.06	24.00	1.242	0.246	22.9
		QPSK SCC 1_24	132229/1735.7								
Open body Test data (50%RB) Sensor off											
Front side 10mm	20	QPSK 50_0	132322/1745	1:1	0.325	0.03	22.11	23.00	1.227	0.399	22.9
Back side 24mm	20	QPSK 50_0	132322/1745	1:1	0.110	0.05	22.11	23.00	1.227	0.135	22.9
Open body Evaluate data (Separate 10mm 1RB) Sensor on for Simultaneous											
Back side	20	QPSK 1_0	132322/1745	1:1	0.869	0.06	22.11	20.00	0.615	0.534	22.9
Open body Evaluate data (Separate 10mm 50%RB) Sensor on for Simultaneous											
Back side	20	QPSK 50_0	132322/1745	1:1	0.844	0.07	22.08	20.00	0.619	0.522	22.9
Open body Evaluate data (1RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 1_0	132322/1745	1:1	0.369	0.16	23.13	20.00	0.486	0.179	22.9
Back side 24mm	20	QPSK 1_0	132322/1745	1:1	0.112	-0.13	23.13	20.00	0.486	0.054	22.9
Open body Evaluate data (50%RB) Sensor off for Simultaneous											
Front side 10mm	20	QPSK 50_0	132322/1745	1:1	0.325	0.03	22.11	20.00	0.615	0.200	22.9
Back side 24mm	20	QPSK 50_0	132322/1745	1:1	0.110	0.05	22.11	20.00	0.615	0.068	22.9
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB) Sensor on											
Back side	20	QPSK 1_0	132322/1745	1:1	2.030	-0.09	22.11	23.00	1.227	2.491	22.9
Back side-repeated sar	20	QPSK 1_0	132322/1745	1:1	2.000	0.14	22.11	23.00	1.227	2.454	22.9
Back side	20	QPSK 1_0	132072/1720	1:1	1.850	0.18	22.08	23.00	1.236	2.287	22.9
Back side	20	QPSK 1_0	132572/1770	1:1	1.910	-0.05	22.00	23.00	1.259	2.405	22.9
Bottom side	20	QPSK 1_0	132322/1745	1:1	1.150	0.08	22.11	23.00	1.227	1.411	22.9

Product specific 10g SAR Test data (Separate 0mm 50%RB) Sensor on											
Back side	20	QPSK 50_0	132322/1745	1:1	1.900	0.12	22.08	23.00	1.236	2.348	22.9
Back side	20	QPSK 50_0	132072/1720	1:1	1.680	0.00	22.04	23.00	1.247	2.095	22.9
Back side	20	QPSK 50_0	132572/1770	1:1	1.740	0.00	22.04	23.00	1.247	2.170	22.9
Bottom side	20	QPSK 50_0	132322/1745	1:1	1.060	0.01	22.08	23.00	1.236	1.310	22.9
Product specific 10g SAR Test data (Separate 0mm 50%RB) Sensor on											
Back side	20	QPSK 100_0	132322/1745	1:1	1.840	0.15	22.09	23.00	1.233	2.269	22.9
Product specific 10g SAR Test data (1RB) Sensor off											
Front side 0mm	20	QPSK 1_0	132322/1745	1:1	1.580	0.13	23.13	24.00	1.222	1.931	22.9
Back side 24mm	20	QPSK 1_0	132322/1745	1:1	0.095	-0.09	23.13	24.00	1.222	0.116	22.9
Left side 0mm	20	QPSK 1_0	132322/1745	1:1	1.450	0.14	23.13	24.00	1.222	1.772	22.9
Right side 0mm	20	QPSK 1_0	132322/1745	1:1	0.070	0.03	23.13	24.00	1.222	0.086	22.9
Bottom side 25mm	20	QPSK 1_0	132322/1745	1:1	0.095	-0.02	23.13	24.00	1.222	0.116	22.9
Product specific 10g SAR Test data (50%RB) Sensor off											
Front side 0mm	20	QPSK 50_0	132322/1745	1:1	1.400	0.18	22.11	23.00	1.227	1.718	22.9
Back side 24mm	20	QPSK 50_0	132322/1745	1:1	0.072	-0.16	22.11	23.00	1.227	0.088	22.9
Left side 0mm	20	QPSK 50_0	132322/1745	1:1	1.150	0.06	22.11	23.00	1.227	1.411	22.9
Right side 0mm	20	QPSK 50_0	132322/1745	1:1	0.053	0.14	22.11	23.00	1.227	0.065	22.9
Bottom side 25mm	20	QPSK 50_0	132322/1745	1:1	0.071	0.08	22.11	23.00	1.227	0.087	22.9
Ant 1 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Open Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.091	0.00	22.86	24.00	1.300	0.118	22.9
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.000	0.19	22.86	24.00	1.300	0.000	22.9
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.272	0.01	22.86	24.00	1.300	0.354	22.9
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.000	-0.18	22.86	24.00	1.300	0.000	22.9
Open Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.085	0.07	21.86	23.00	1.300	0.111	22.9
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.000	-0.16	21.86	23.00	1.300	0.000	22.9
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.215	0.04	21.86	23.00	1.300	0.280	22.9
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.000	0.11	21.86	23.00	1.300	0.000	22.9
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	132322/1745	1:1	0.016	0.10	22.86	24.00	1.300	0.021	22.9
Back side	20	QPSK 1_0	132322/1745	1:1	0.347	-0.07	22.86	24.00	1.300	0.451	22.9
Close body Evaluate data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	132322/1745	1:1	0.011	0.13	21.86	23.00	1.300	0.014	22.9
Back side	20	QPSK 50_0	132322/1745	1:1	0.284	0.07	21.86	23.00	1.300	0.369	22.9
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	20	QPSK 1_0	132322/1745	1:1	0.016	0.10	22.86	21.00	0.652	0.010	22.9
Back side	20	QPSK 1_0	132322/1745	1:1	0.347	-0.07	22.86	21.00	0.652	0.226	22.9
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	20	QPSK 50_0	132322/1745	1:1	0.011	0.13	21.86	21.00	0.820	0.009	22.9
Back side	20	QPSK 50_0	132322/1745	1:1	0.284	0.07	21.86	21.00	0.820	0.233	22.9
Open body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	132322/1745	1:1	0.000	0.01	22.86	24.00	1.300	0.000	22.9
Back side	20	QPSK 1_0	132322/1745	1:1	0.300	-0.05	22.86	24.00	1.300	0.390	22.9
Open body Evaluate data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	132322/1745	1:1	0.000	0.02	21.86	23.00	1.300	0.000	22.9
Back side	20	QPSK 50_0	132322/1745	1:1	0.269	0.08	21.86	23.00	1.300	0.350	22.9
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous											

Front side	20	QPSK 1_0	132322/1745	1:1	0.000	0.01	22.86	21.00	0.652	0.000	22.9
Back side	20	QPSK 1_0	132322/1745	1:1	0.300	-0.05	22.86	21.00	0.652	0.196	22.9
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	20	QPSK 50_0	132322/1745	1:1	0.000	0.02	21.86	21.00	0.820	0.000	22.9
Back side	20	QPSK 50_0	132322/1745	1:1	0.269	0.08	21.86	21.00	0.820	0.221	22.9
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_0	132322/1745	1:1	0.037	-0.07	22.86	24.00	1.300	0.048	22.9
Back side	20	QPSK 1_0	132322/1745	1:1	0.357	0.15	22.86	24.00	1.300	0.464	22.9
Left side	20	QPSK 1_0	132322/1745	1:1	0.150	-0.15	22.86	24.00	1.300	0.195	22.9
Right side	20	QPSK 1_0	132322/1745	1:1	0.760	0.02	22.86	24.00	1.300	0.988	22.9
Bottom side	20	QPSK 1_0	132322/1745	1:1	0.013	0.16	22.86	24.00	1.300	0.017	22.9
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_0	132322/1745	1:1	0.028	-0.07	21.86	23.00	1.300	0.036	22.9
Back side	20	QPSK 50_0	132322/1745	1:1	0.281	-0.02	21.86	23.00	1.300	0.365	22.9
Left side	20	QPSK 50_0	132322/1745	1:1	0.107	-0.10	21.86	23.00	1.300	0.139	22.9
Right side	20	QPSK 50_0	132322/1745	1:1	0.625	-0.18	21.86	23.00	1.300	0.813	22.9
Bottom side	20	QPSK 50_0	132322/1745	1:1	0.008	-0.17	21.86	23.00	1.300	0.010	22.9

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Back side 10mm	132322/1745	0.915	0.906	1.010	N/A	N/A
Back side 0mm	132322/1745	2.030	2.000	1.015	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.14 SAR Result of LTE Band 71

LTE Band 71 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)
Open Open Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	133322/683	1:1	0.000	0.16	22.91	24.00	1.285	0.000	22.1
Left tilted	20	QPSK 1_0	133322/683	1:1	0.000	0.08	22.91	24.00	1.285	0.000	22.1
Right cheek	20	QPSK 1_0	133322/683	1:1	0.000	0.16	22.91	24.00	1.285	0.000	22.1
Right tilted	20	QPSK 1_0	133322/683	1:1	0.000	0.00	22.91	24.00	1.285	0.000	22.1
Open Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	133322/683	1:1	0.000	0.06	21.98	23.00	1.265	0.000	22.1
Left tilted	20	QPSK 50_0	133322/683	1:1	0.000	-0.04	21.98	23.00	1.265	0.000	22.1
Right cheek	20	QPSK 50_0	133322/683	1:1	0.000	0.19	21.98	23.00	1.265	0.000	22.1
Right tilted	20	QPSK 50_0	133322/683	1:1	0.000	-0.10	21.98	23.00	1.265	0.000	22.1
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	20	QPSK 1_0	133322/683	1:1	0.000	0.09	22.91	24.00	1.285	0.000	22.1
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	20	QPSK 50_0	133322/683	1:1	0.017	0.01	21.98	23.00	1.265	0.022	22.1
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	133322/683	1:1	0.138	-0.15	22.91	24.00	1.285	0.177	22.1
Back side	20	QPSK 1_0	133322/683	1:1	0.445	-0.03	22.91	24.00	1.285	0.572	22.1
Close body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	133322/683	1:1	0.118	-0.13	21.98	23.00	1.265	0.149	22.1
Back side	20	QPSK 50_0	133322/683	1:1	0.417	0.17	21.98	23.00	1.265	0.528	22.1
Open body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	133322/683	1:1	0.222	0.05	22.91	24.00	1.285	0.285	22.1
Back side	20	QPSK 1_0	133322/683	1:1	0.412	-0.08	22.91	24.00	1.285	0.529	22.1
Open body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	133322/683	1:1	0.210	0.04	21.98	23.00	1.265	0.266	22.1
Back side	20	QPSK 50_0	133322/683	1:1	0.398	0.12	21.98	23.00	1.265	0.503	22.1
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_0	133322/683	1:1	0.265	-0.02	22.91	24.00	1.285	0.341	22.1
Back side	20	QPSK 1_0	133322/683	1:1	0.876	0.09	22.91	24.00	1.285	1.126	22.1
Left side	20	QPSK 1_0	133322/683	1:1	0.360	-0.11	22.91	24.00	1.285	0.463	22.1
Right side	20	QPSK 1_0	133322/683	1:1	0.215	-0.15	22.91	24.00	1.285	0.276	22.1
Bottom side	20	QPSK 1_0	133322/683	1:1	0.496	0.09	22.91	24.00	1.285	0.637	22.1
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_0	133322/683	1:1	0.241	0.05	21.98	23.00	1.265	0.305	22.1
Back side	20	QPSK 50_0	133322/683	1:1	0.625	0.14	21.98	23.00	1.265	0.791	22.1
Left side	20	QPSK 50_0	133322/683	1:1	0.312	-0.08	21.98	23.00	1.265	0.395	22.1
Right side	20	QPSK 50_0	133322/683	1:1	0.194	-0.18	21.98	23.00	1.265	0.245	22.1
Bottom side	20	QPSK 50_0	133322/683	1:1	0.384	0.06	21.98	23.00	1.265	0.486	22.1

8.3.15 SAR Result of NR Band n5

SA N5 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)
Open Open Head Test Data (1RB)											
Left cheek	20	QPSK 1_1	167300/836.5	100%	0.000	0.08	23.08	24.00	1.236	0.000	22.5
Left tilted	20	QPSK 1_1	167300/836.5	100%	0.000	-0.13	23.08	24.00	1.236	0.000	22.5
Right cheek	20	QPSK 1_1	167300/836.5	100%	0.000	0.00	23.08	24.00	1.236	0.000	22.5
Right tilted	20	QPSK 1_1	167300/836.5	100%	0.000	0.12	23.08	24.00	1.236	0.000	22.5
Open Head Test Data (50%RB)											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.000	0.04	23.05	24.00	1.245	0.000	22.5
Left tilted	20	QPSK 50_28	167300/836.5	100%	0.000	0.07	23.05	24.00	1.245	0.000	22.5
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.000	0.13	23.05	24.00	1.245	0.000	22.5
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.000	-0.04	23.05	24.00	1.245	0.000	22.5
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	20	QPSK 1_1	167300/836.5	100%	0.085	-0.07	23.08	24.00	1.236	0.105	22.5
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	20	QPSK 50_28	167300/836.5	100%	0.062	-0.10	23.05	24.00	1.245	0.077	22.5
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	167300/836.5	100%	0.316	-0.01	23.08	24.00	1.236	0.391	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.832	-0.08	23.08	24.00	1.236	1.028	22.5
Back side-repeated	20	QPSK 1_1	167300/836.5	100%	0.823	0.00	23.08	24.00	1.236	1.017	22.5
Close body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	167300/836.5	100%	0.302	0.01	23.05	24.00	1.245	0.376	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.723	-0.18	23.05	24.00	1.245	0.900	22.5
Close body Test data (Separate 10mm 100%RB)											
Back side	20	QPSK 100_0	167300/836.5	100%	0.715	-0.08	22.09	23.00	1.233	0.882	22.5
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	20	QPSK 1_1	167300/836.5	100%	0.316	-0.01	23.08	21.00	0.619	0.196	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.832	-0.08	23.08	21.00	0.619	0.515	22.5
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	20	QPSK 50_28	167300/836.5	100%	0.302	0.01	23.05	21.00	0.624	0.188	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.723	-0.18	23.05	21.00	0.624	0.451	22.5
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	167300/836.5	100%	0.488	0.01	23.08	24.00	1.236	0.603	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.814	0.12	23.08	24.00	1.236	1.006	22.5
Close body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	167300/836.5	100%	0.452	-0.03	23.05	24.00	1.245	0.563	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.715	0.12	23.05	24.00	1.245	0.890	22.5
Close body Test data (Separate 10mm 100%RB)											
Back side	20	QPSK 100_0	167300/836.5	100%	0.690	0.18	22.09	23.00	1.233	0.851	22.5
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	20	QPSK 1_1	167300/836.5	100%	0.488	0.01	23.08	21.00	0.619	0.302	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.814	0.12	23.08	21.00	0.619	0.504	22.5
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	20	QPSK 50_28	167300/836.5	100%	0.452	-0.03	23.05	21.00	0.624	0.282	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.715	0.12	23.05	21.00	0.624	0.446	22.5
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg)	Power drift	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g	Liquid Temp.(°C)

					10-g	(dB)				(W/kg)	
Product specific 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_1	167300/836.5	100%	0.365	-0.05	23.08	24.00	1.236	0.451	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	1.210	0.10	23.08	24.00	1.236	1.496	22.5
Left side	20	QPSK 1_1	167300/836.5	100%	0.499	-0.12	23.08	24.00	1.236	0.617	22.5
Right side	20	QPSK 1_1	167300/836.5	100%	0.373	0.01	23.08	24.00	1.236	0.461	22.5
Bottom side	20	QPSK 1_1	167300/836.5	100%	0.346	0.05	23.08	24.00	1.236	0.428	22.5
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_28	167300/836.5	100%	0.362	0.04	23.05	24.00	1.245	0.451	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	1.140	-0.02	23.05	24.00	1.245	1.419	22.5
Left side	20	QPSK 50_28	167300/836.5	100%	0.436	0.09	23.05	24.00	1.245	0.543	22.5
Right side	20	QPSK 50_28	167300/836.5	100%	0.391	0.15	23.05	24.00	1.245	0.487	22.5
Bottom side	20	QPSK 50_28	167300/836.5	100%	0.352	0.16	23.05	24.00	1.245	0.438	22.5

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Back side 10mm	167300/836.5	0.832	0.823	1.011	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.16 SAR Result of NR Band n7

SA N7 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)
Open Open Head Test Data (1RB)											
Left cheek	20	QPSK 1_1	507000/2535	100%	0.000	0.00	22.73	24.00	1.340	0.000	22.8
Left tilted	20	QPSK 1_1	507000/2535	100%	0.000	-0.15	22.73	24.00	1.340	0.000	22.8
Right cheek	20	QPSK 1_1	507000/2535	100%	0.000	0.07	22.73	24.00	1.340	0.000	22.8
Right tilted	20	QPSK 1_1	507000/2535	100%	0.000	-0.16	22.73	24.00	1.340	0.000	22.8
Open Head Test Data (50%RB)											
Left cheek	20	QPSK 50_28	507000/2535	100%	0.000	-0.18	22.71	24.00	1.346	0.000	22.8
Left tilted	20	QPSK 50_28	507000/2535	100%	0.000	0.17	22.71	24.00	1.346	0.000	22.8
Right cheek	20	QPSK 50_28	507000/2535	100%	0.000	0.10	22.71	24.00	1.346	0.000	22.8
Right tilted	20	QPSK 50_28	507000/2535	100%	0.000	0.02	22.71	24.00	1.346	0.000	22.8
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	20	QPSK 1_1	507000/2535	100%	0.101	-0.09	22.73	24.00	1.340	0.135	22.8
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	20	QPSK 50_28	507000/2535	100%	0.063	0.10	22.71	24.00	1.346	0.085	22.8
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	507000/2535	100%	0.131	-0.11	22.73	24.00	1.340	0.176	22.8
Back side	20	QPSK 1_1	507000/2535	100%	0.619	-0.09	22.73	24.00	1.340	0.829	22.8
Back side	20	QPSK 1_1	502000/2510	100%	0.563	-0.16	22.69	24.00	1.352	0.761	22.8
Back side	20	QPSK 1_1	512000/2560	100%	0.555	-0.02	22.39	24.00	1.449	0.804	22.8
Close body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	507000/2535	100%	0.117	-0.12	22.71	24.00	1.346	0.157	22.8
Back side	20	QPSK 50_28	507000/2535	100%	0.511	0.18	22.71	24.00	1.346	0.688	22.8
Close body Test data (Separate 10mm 100%RB)											
Back side	20	QPSK 100_0	507000/2535	100%	0.496	-0.16	21.76	23.00	1.330	0.660	22.8
Open body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	507000/2535	100%	0.236	0.05	22.73	24.00	1.340	0.316	22.8
Back side	20	QPSK 1_1	507000/2535	100%	0.585	-0.01	22.73	24.00	1.340	0.784	22.8
Back side	20	QPSK 1_1	502000/2510	100%	0.542	0.12	22.69	24.00	1.352	0.733	22.8
Back side	20	QPSK 1_1	512000/2560	100%	0.536	0.18	22.39	24.00	1.449	0.777	22.8
Open body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	507000/2535	100%	0.221	-0.06	22.71	24.00	1.346	0.297	22.8
Back side	20	QPSK 50_28	507000/2535	100%	0.485	0.12	22.71	24.00	1.346	0.653	22.8
Open body Test data (Separate 10mm 100%RB)											
Back side	20	QPSK 100_0	507000/2535	100%	0.485	0.11	21.76	23.00	1.330	0.645	22.8
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_1	507000/2535	100%	0.602	0.06	22.73	24.00	1.340	0.807	22.8
Back side	20	QPSK 1_1	507000/2535	100%	1.040	-0.15	22.73	24.00	1.340	1.394	22.8
Left side	20	QPSK 1_1	507000/2535	100%	1.970	0.09	22.73	24.00	1.340	2.640	22.8
Left side	20	QPSK 1_1	502000/2510	100%	1.790	0.10	22.69	24.00	1.352	2.420	22.8
Left side	20	QPSK 1_1	512000/2560	100%	1.590	-0.06	22.39	24.00	1.449	2.304	22.8
Right side	20	QPSK 1_1	507000/2535	100%	0.086	-0.07	22.73	24.00	1.340	0.115	22.8
Bottom side	20	QPSK 1_1	507000/2535	100%	0.204	0.09	22.73	24.00	1.340	0.273	22.8
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_28	507000/2535	100%	0.505	0.06	22.71	24.00	1.346	0.680	22.8
Back side	20	QPSK 50_28	507000/2535	100%	0.983	0.13	22.71	24.00	1.346	1.323	22.8
Left side	20	QPSK 50_28	507000/2535	100%	1.560	-0.12	22.71	24.00	1.346	2.100	22.8
Left side	20	QPSK 1_1	502000/2510	100%	1.390	0.08	22.62	24.00	1.374	1.910	22.8
Left side	20	QPSK 1_1	512000/2560	100%	1.370	0.00	22.38	24.00	1.452	1.989	22.8

Right side	20	QPSK 50_28	507000/2535	100%	0.079	-0.03	22.71	24.00	1.346	0.106	22.8
Bottom side	20	QPSK 50_28	507000/2535	100%	0.187	0.12	22.71	24.00	1.346	0.252	22.8
Product specific 10g SAR Test data (Separate 0mm 100%RB)											
Left side	20	QPSK 100_0	507000/2535	100%	1.530	-0.15	21.76	23.00	1.330	2.035	22.8
Ant5 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)
Open Head Test Data (1RB) Receiver on											
Left cheek	20	QPSK 1_1	507000/2535	100%	0.303	-0.12	18.47	20.00	1.422	0.431	22.8
Left tilted	20	QPSK 1_1	507000/2535	100%	0.255	0.00	18.47	20.00	1.422	0.363	22.8
Right cheek	20	QPSK 1_1	507000/2535	100%	0.684	-0.07	18.47	20.00	1.422	0.973	22.8
Right cheek	20	QPSK 1_1	502000/2510	100%	0.611	0.00	18.41	20.00	1.442	0.881	22.8
Right cheek	20	QPSK 1_1	512000/2560	100%	0.623	0.15	18.27	20.00	1.489	0.928	22.8
Right tilted	20	QPSK 1_1	507000/2535	100%	0.485	-0.15	18.47	20.00	1.422	0.690	22.8
Open Head Test Data (50%RB) Receiver on											
Left cheek	20	QPSK 50_28	507000/2535	100%	0.310	0.02	18.44	20.00	1.432	0.444	22.8
Left tilted	20	QPSK 50_28	507000/2535	100%	0.215	0.15	18.44	20.00	1.432	0.308	22.8
Right cheek	20	QPSK 50_28	507000/2535	100%	0.528	0.14	18.44	20.00	1.432	0.756	22.8
Right tilted	20	QPSK 50_28	507000/2535	100%	0.483	0.17	18.44	20.00	1.432	0.692	22.8
Open Head Test Data (100%RB) Receiver on											
Right cheek	20	QPSK 100_0	507000/2535	100%	0.514	-0.15	17.44	19.00	1.432	0.736	22.8
Close body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	507000/2535	100%	0.090	0.13	22.47	24.00	1.422	0.128	22.8
Back side	20	QPSK 1_1	507000/2535	100%	0.383	-0.11	22.47	24.00	1.422	0.545	22.8
Close body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	507000/2535	100%	0.078	-0.15	22.46	24.00	1.426	0.111	22.8
Back side	20	QPSK 50_28	507000/2535	100%	0.388	-0.04	22.46	24.00	1.426	0.553	22.8
Open body Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	507000/2535	100%	0.066	0.09	22.47	24.00	1.422	0.094	22.8
Back side	20	QPSK 1_1	507000/2535	100%	0.352	0.12	22.47	24.00	1.422	0.501	22.8
Open body Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	507000/2535	100%	0.054	0.01	22.46	24.00	1.426	0.077	22.8
Back side	20	QPSK 50_28	507000/2535	100%	0.325	0.08	22.46	24.00	1.426	0.463	22.8
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	20	QPSK 1_1	507000/2535	100%	0.253	0.01	22.47	24.00	1.422	0.360	22.8
Back side	20	QPSK 1_1	507000/2535	100%	0.300	0.13	22.47	24.00	1.422	0.427	22.8
Left side	20	QPSK 1_1	507000/2535	100%	0.481	0.05	22.47	24.00	1.422	0.684	22.8
Right side	20	QPSK 1_1	507000/2535	100%	1.133	-0.04	22.47	24.00	1.422	1.611	22.8
Bottom side	20	QPSK 1_1	507000/2535	100%	0.188	0.15	22.47	24.00	1.422	0.267	22.8
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	20	QPSK 50_28	507000/2535	100%	0.250	-0.09	22.46	24.00	1.426	0.357	22.8
Back side	20	QPSK 50_28	507000/2535	100%	0.294	-0.05	22.46	24.00	1.426	0.419	22.8
Left side	20	QPSK 50_28	507000/2535	100%	0.468	-0.09	22.46	24.00	1.426	0.667	22.8
Right side	20	QPSK 50_28	507000/2535	100%	1.110	-0.12	22.46	24.00	1.426	1.583	22.8
Bottom side	20	QPSK 50_28	507000/2535	100%	0.183	-0.17	22.46	24.00	1.426	0.261	22.8

8.3.17 SAR Result of NR Band n14

SA N14 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)
Open Open Head Test Data (1RB)											
Left cheek	10	QPSK 1_1	158600/793	100%	0.000	0.07	23.02	24.00	1.253	0.000	22.1
Left tilted	10	QPSK 1_1	158600/793	100%	0.000	0.07	23.02	24.00	1.253	0.000	22.1
Right cheek	10	QPSK 1_1	158600/793	100%	0.000	0.06	23.02	24.00	1.253	0.000	22.1
Right tilted	10	QPSK 1_1	158600/793	100%	0.000	-0.06	23.02	24.00	1.253	0.000	22.1
Open Head Test Data (50%RB)											
Left cheek	10	QPSK 25_14	158600/793	100%	0.000	0.17	22.98	24.00	1.265	0.000	22.1
Left tilted	10	QPSK 25_14	158600/793	100%	0.000	0.16	22.98	24.00	1.265	0.000	22.1
Right cheek	10	QPSK 25_14	158600/793	100%	0.000	0.12	22.98	24.00	1.265	0.000	22.1
Right tilted	10	QPSK 25_14	158600/793	100%	0.000	-0.10	22.98	24.00	1.265	0.000	22.1
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	10	QPSK 1_1	158600/793	100%	0.099	-0.11	23.02	24.00	1.253	0.124	22.1
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	10	QPSK 25_14	158600/793	100%	0.085	0.13	22.98	24.00	1.265	0.108	22.1
Close body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	158600/793	100%	0.287	0.10	23.02	24.00	1.253	0.360	22.1
Back side	10	QPSK 1_1	158600/793	100%	0.938	-0.03	23.02	24.00	1.253	1.175	22.1
Back side-repeated sar	10	QPSK 1_1	158600/793	100%	0.926	-0.06	23.02	24.00	1.253	1.160	22.1
Close body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	158600/793	100%	0.271	0.18	22.98	24.00	1.265	0.343	22.1
Back side	10	QPSK 25_14	158600/793	100%	0.825	-0.04	22.98	24.00	1.265	1.044	22.1
Close body Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	158600/793	100%	0.810	0.13	22.08	23.00	1.236	1.001	22.1
Open body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	158600/793	100%	0.369	0.08	23.02	24.00	1.253	0.462	22.1
Back side	10	QPSK 1_1	158600/793	100%	0.858	-0.14	23.02	24.00	1.253	1.075	22.1
Open body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	158600/793	100%	0.270	0.12	22.98	24.00	1.265	0.342	22.1
Back side	10	QPSK 25_14	158600/793	100%	0.815	0.11	22.98	24.00	1.265	1.031	22.1
Open body Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	158600/793	100%	0.789	-0.02	22.08	23.00	1.236	0.975	22.1
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	10	QPSK 1_1	158600/793	100%	0.532	-0.14	23.02	24.00	1.253	0.667	22.1
Back side	10	QPSK 1_1	158600/793	100%	0.963	0.10	23.02	24.00	1.253	1.207	22.1
Left side	10	QPSK 1_1	158600/793	100%	0.670	0.03	23.02	24.00	1.253	0.840	22.1
Right side	10	QPSK 1_1	158600/793	100%	0.448	-0.18	23.02	24.00	1.253	0.561	22.1
Bottom side	10	QPSK 1_1	158600/793	100%	0.476	-0.15	23.02	24.00	1.253	0.596	22.1
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	10	QPSK 25_14	158600/793	100%	0.527	0.01	22.98	24.00	1.265	0.667	22.1
Back side	10	QPSK 25_14	158600/793	100%	0.090	0.08	22.98	24.00	1.265	0.114	22.1
Left side	10	QPSK 25_14	158600/793	100%	0.590	0.13	22.98	24.00	1.265	0.746	22.1
Right side	10	QPSK 25_14	158600/793	100%	0.457	0.10	22.98	24.00	1.265	0.578	22.1

Bottom side	10	QPSK 25_14	158600/793	100%	0.465	0.17	22.98	24.00	1.265	0.588	22.1
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Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Back side 10mm	158600/793	0.938	0.926	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 performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.18 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)
Open Open Head Test Data (1RB)											
Left cheek	30	QPSK 1_1	376500/1882.5	100%	0.000	0.17	22.66	24.00	1.361	0.000	22.7
Left tilted	30	QPSK 1_1	376500/1882.5	100%	0.000	0.07	22.66	24.00	1.361	0.000	22.7
Right cheek	30	QPSK 1_1	376500/1882.5	100%	0.000	-0.18	22.66	24.00	1.361	0.000	22.7
Right tilted	30	QPSK 1_1	376500/1882.5	100%	0.000	0.10	22.66	24.00	1.361	0.000	22.7
Open Head Test Data (50%RB)											
Left cheek	30	QPSK 75_36	376500/1882.5	100%	0.000	0.08	22.64	24.00	1.368	0.000	22.7
Left tilted	30	QPSK 75_36	376500/1882.5	100%	0.000	-0.16	22.64	24.00	1.368	0.000	22.7
Right cheek	30	QPSK 75_36	376500/1882.5	100%	0.000	-0.13	22.64	24.00	1.368	0.000	22.7
Right tilted	30	QPSK 75_36	376500/1882.5	100%	0.000	0.06	22.64	24.00	1.368	0.000	22.7
Mouth and jaw regions Position_Cover open (1RB)											
Front side 35mm	30	QPSK 1_1	376500/1882.5	100%	0.125	-0.08	22.66	24.00	1.361	0.170	22.7
Mouth and jaw regions Position_Cover open (50%RB)											
Front side 35mm	30	QPSK 75_36	376500/1882.5	100%	0.102	0.10	22.64	24.00	1.368	0.140	22.7
Close body Test data (Separate 10mm 1RB) Sensor on											
Back side	30	QPSK 1_1	376500/1882.5	100%	0.782	-0.09	19.15	20.50	1.365	1.067	22.7
Close body Test data (Separate 10mm 50%RB) Sensor on											
Back side	30	QPSK 75_36	376500/1882.5	100%	0.712	0.08	19.13	20.50	1.371	0.976	22.7
Close body Test data (Separate 10mm 100%RB) Sensor on											
Back side	30	QPSK 150_0	376500/1882.5	100%	0.652	0.01	18.12	19.50	1.374	0.896	22.7
Close body Test data (1RB) Sensor off											
Front side 10mm	30	QPSK 1_1	376500/1882.5	100%	0.163	0.13	22.66	24.00	1.361	0.222	22.7
Back side 24mm	30	QPSK 1_1	376500/1882.5	100%	0.115	-0.13	22.66	24.00	1.361	0.157	22.7
Close body Test data (50%RB) Sensor off											
Front side 10mm	30	QPSK 75_36	376500/1882.5	100%	0.201	-0.16	22.64	24.00	1.368	0.275	22.7
Back side 24mm	30	QPSK 75_36	376500/1882.5	100%	0.108	-0.07	22.64	24.00	1.368	0.148	22.7
Close body Evaluate data (Separate 10mm 1RB) Sensor on for Simultaneous											
Back side	30	QPSK 1_1	376500/1882.5	100%	0.782	-0.09	19.15	17.50	0.684	0.535	22.7
Close body Evaluate data (Separate 10mm 50%RB) Sensor on for Simultaneous											
Back side	30	QPSK 75_36	376500/1882.5	100%	0.712	0.08	19.13	17.50	0.687	0.489	22.7
Close body Evaluate data (1RB) Sensor off for Simultaneous											
Front side 10mm	30	QPSK 1_1	376500/1882.5	100%	0.163	0.13	22.66	17.50	0.305	0.050	22.7
Back side 24mm	30	QPSK 1_1	376500/1882.5	100%	0.115	-0.13	22.66	17.50	0.305	0.035	22.7
Close body Evaluate data (50%RB) Sensor off for Simultaneous											
Front side 10mm	30	QPSK 75_36	376500/1882.5	100%	0.201	-0.16	22.64	17.50	0.306	0.062	22.7
Back side 24mm	30	QPSK 75_36	376500/1882.5	100%	0.108	-0.07	22.64	17.50	0.306	0.033	22.7
Open body Test data (Separate 10mm 1RB) Sensor on											
Back side	30	QPSK 1_1	376500/1882.5	100%	0.754	0.09	19.15	20.50	1.365	1.029	22.7
Open body Test data (Separate 10mm 50%RB) Sensor on											
Back side	30	QPSK 75_36	376500/1882.5	100%	0.700	-0.01	19.13	20.50	1.371	0.960	22.7
Open body Test data (Separate 10mm 100%RB) Sensor on											
Back side	30	QPSK 150_0	376500/1882.5	100%	0.640	0.15	18.12	19.50	1.374	0.879	22.7
Open body Test data (1RB) Sensor off											
Front side 10mm	30	QPSK 1_1	376500/1882.5	100%	0.302	0.01	22.66	24.00	1.361	0.411	22.7
Back side 24mm	30	QPSK 1_1	376500/1882.5	100%	0.102	0.12	22.66	24.00	1.361	0.139	22.7

Open body Test data (50%RB) Sensor off											
Front side 10mm	30	QPSK 75_36	376500/1882.5	100%	0.365	-0.05	22.64	24.00	1.368	0.499	22.7
Back side 24mm	30	QPSK 75_36	376500/1882.5	100%	0.112	0.01	22.64	24.00	1.368	0.153	22.7
Open body Evaluate data (Separate 10mm 1RB) Sensor on for Simultaneous											
Back side	30	QPSK 1_1	376500/1882.5	100%	0.754	0.09	19.15	17.50	0.684	0.516	22.7
Open body Evaluate data (Separate 10mm 50%RB) Sensor on for Simultaneous											
Back side	30	QPSK 75_36	376500/1882.5	100%	0.700	-0.01	19.13	17.50	0.687	0.481	22.7
Open body Evaluate data (1RB) Sensor off for Simultaneous											
Front side 10mm	30	QPSK 1_1	376500/1882.5	100%	0.302	0.01	22.66	17.50	0.305	0.092	22.7
Back side 24mm	30	QPSK 1_1	376500/1882.5	100%	0.102	0.12	22.66	17.50	0.305	0.031	22.7
Open body Evaluate data (50%RB) Sensor off for Simultaneous											
Front side 10mm	30	QPSK 75_36	376500/1882.5	100%	0.365	-0.05	22.64	17.50	0.306	0.112	22.7
Back side 24mm	30	QPSK 75_36	376500/1882.5	100%	0.112	0.01	22.64	17.50	0.306	0.034	22.7
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB) Sensor on											
Back side	30	QPSK 1_1	376500/1882.5	100%	0.961	0.09	19.15	20.50	1.365	1.312	22.7
Bottom side	30	QPSK 1_1	376500/1882.5	100%	0.645	0.15	19.15	20.50	1.365	0.880	22.7
Product specific 10g SAR Test data (Separate 0mm 50%RB) Sensor on											
Back side	30	QPSK 75_36	376500/1882.5	100%	0.907	0.19	19.13	20.50	1.371	1.243	22.7
Bottom side	30	QPSK 75_36	376500/1882.5	100%	0.636	-0.04	19.13	20.50	1.371	0.872	22.7
Product specific 10g SAR Test data (1RB) Sensor off											
Front side 0mm	30	QPSK 1_1	376500/1882.5	100%	0.900	0.05	22.66	24.00	1.361	1.225	22.7
Back side 24mm	30	QPSK 1_1	376500/1882.5	100%	0.141	-0.03	22.66	24.00	1.361	0.192	22.7
Left side 0mm	30	QPSK 1_1	376500/1882.5	100%	0.746	0.19	22.66	24.00	1.361	1.015	22.7
Right side 0mm	30	QPSK 1_1	376500/1882.5	100%	0.058	-0.04	22.66	24.00	1.361	0.079	22.7
Bottom side 25mm	30	QPSK 1_1	376500/1882.5	100%	0.119	0.04	22.66	24.00	1.361	0.162	22.7
Product specific 10g SAR Test data (50%RB) Sensor off											
Front side 0mm	30	QPSK 75_36	376500/1882.5	100%	0.877	0.14	22.64	24.00	1.368	1.200	22.7
Back side 24mm	30	QPSK 75_36	376500/1882.5	100%	0.106	-0.11	22.64	24.00	1.368	0.145	22.7
Left side 0mm	30	QPSK 75_36	376500/1882.5	100%	0.784	0.08	22.64	24.00	1.368	1.073	22.7
Right side 0mm	30	QPSK 75_36	376500/1882.5	100%	0.063	0.01	22.64	24.00	1.368	0.086	22.7
Bottom side 25mm	30	QPSK 75_36	376500/1882.5	100%	0.071	0.11	22.64	24.00	1.368	0.097	22.7
Ant1 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Open Head Test Data (1RB)											
Left cheek	30	QPSK 1_1	376500/1882.5	100%	0.390	0.15	22.68	24.00	1.355	0.528	22.7
Left tilted	30	QPSK 1_1	376500/1882.5	100%	0.254	0.16	22.68	24.00	1.355	0.344	22.7
Right cheek	30	QPSK 1_1	376500/1882.5	100%	0.704	0.07	22.68	24.00	1.355	0.954	22.7
Right tilted	30	QPSK 1_1	376500/1882.5	100%	0.562	0.11	22.68	24.00	1.355	0.762	22.7
Open Head Test Data (50%RB)											
Left cheek	30	QPSK 75_36	376500/1882.5	100%	0.378	0.03	22.65	24.00	1.365	0.516	22.7
Left tilted	30	QPSK 75_36	376500/1882.5	100%	0.213	-0.04	22.65	24.00	1.365	0.291	22.7
Right cheek	30	QPSK 75_36	376500/1882.5	100%	0.635	0.05	22.65	24.00	1.365	0.867	22.7
Right tilted	30	QPSK 75_36	376500/1882.5	100%	0.511	-0.07	22.65	24.00	1.365	0.698	22.7
Open Head Test Data (100%RB)											
Right cheek	30	QPSK 150_0	376500/1882.5	100%	0.586	0.05	21.66	23.00	1.361	0.798	22.7
Close body Test data (Separate 10mm 1RB)											
Front side	30	QPSK 1_1	376500/1882.5	100%	0.080	0.03	22.68	24.00	1.355	0.108	22.7

Back side	30	QPSK 1_1	376500/1882.5	100%	0.446	-0.07	22.68	24.00	1.355	0.604	22.7
Close body Test data (Separate 10mm 50%RB)											
Front side	30	QPSK 75_36	376500/1882.5	100%	0.086	-0.12	22.65	24.00	1.365	0.117	22.7
Back side	30	QPSK 75_36	376500/1882.5	100%	0.473	-0.16	22.65	24.00	1.365	0.646	22.7
Close body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	30	QPSK 1_1	376500/1882.5	100%	0.080	0.03	22.68	21.00	0.679	0.054	22.7
Back side	30	QPSK 1_1	376500/1882.5	100%	0.446	-0.07	22.68	21.00	0.679	0.303	22.7
Close body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	30	QPSK 75_36	376500/1882.5	100%	0.086	-0.12	22.65	21.00	0.684	0.059	22.7
Back side	30	QPSK 75_36	376500/1882.5	100%	0.473	-0.16	22.65	21.00	0.684	0.324	22.7
Open body Test data (Separate 10mm 1RB)											
Front side	30	QPSK 1_1	376500/1882.5	100%	0.000	0.01	22.68	24.00	1.355	0.000	22.7
Back side	30	QPSK 1_1	376500/1882.5	100%	0.402	-0.02	22.68	24.00	1.355	0.545	22.7
Open body Test data (Separate 10mm 50%RB)											
Front side	30	QPSK 75_36	376500/1882.5	100%	0.000	0.12	22.65	24.00	1.365	0.000	22.7
Back side	30	QPSK 75_36	376500/1882.5	100%	0.436	-0.08	22.65	24.00	1.365	0.595	22.7
Open body Evaluate data (Separate 10mm 1RB) for Simultaneous											
Front side	30	QPSK 1_1	376500/1882.5	100%	0.000	0.01	22.68	21.00	0.679	0.000	22.7
Back side	30	QPSK 1_1	376500/1882.5	100%	0.402	-0.02	22.68	21.00	0.679	0.273	22.7
Open body Evaluate data (Separate 10mm 50%RB) for Simultaneous											
Front side	30	QPSK 75_36	376500/1882.5	100%	0.000	0.12	22.65	21.00	0.684	0.000	22.7
Back side	30	QPSK 75_36	376500/1882.5	100%	0.436	-0.08	22.65	21.00	0.684	0.298	22.7
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	30	QPSK 1_1	376500/1882.5	100%	0.055	0.15	22.66	24.00	1.361	0.075	22.7
Back side	30	QPSK 1_1	376500/1882.5	100%	0.510	-0.01	22.66	24.00	1.361	0.694	22.7
Left side	30	QPSK 1_1	376500/1882.5	100%	0.117	0.17	22.66	24.00	1.361	0.159	22.7
Right side	30	QPSK 1_1	376500/1882.5	100%	0.635	0.12	22.66	24.00	1.361	0.864	22.7
Bottom side	30	QPSK 1_1	376500/1882.5	100%	0.035	-0.07	22.66	24.00	1.361	0.048	22.7
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	30	QPSK 75_36	376500/1882.5	100%	0.053	-0.03	22.65	24.00	1.365	0.072	22.7
Back side	30	QPSK 75_36	376500/1882.5	100%	0.483	-0.11	22.65	24.00	1.365	0.659	22.7
Left side	30	QPSK 75_36	376500/1882.5	100%	0.100	0.08	22.65	24.00	1.365	0.137	22.7
Right side	30	QPSK 75_36	376500/1882.5	100%	0.675	-0.17	22.65	24.00	1.365	0.921	22.7
Bottom side	30	QPSK 75_36	376500/1882.5	100%	0.039	0.16	22.65	24.00	1.365	0.053	22.7

8.3.19 SAR Result of NR Band n30

SA N30 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)
Open Open Head Test Data (1RB) Receiver on											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.000	0.18	21.43	23.00	1.435	0.000	22.2
Left tilted	10	QPSK 1_1	462000/2310	100%	0.000	0.09	21.43	23.00	1.435	0.000	22.2
Right cheek	10	QPSK 1_1	462000/2310	100%	0.000	-0.02	21.43	23.00	1.435	0.000	22.2
Right tilted	10	QPSK 1_1	462000/2310	100%	0.000	-0.02	21.43	23.00	1.435	0.000	22.2
Open Head Test Data (50%RB) Receiver on											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.000	-0.11	21.39	23.00	1.449	0.000	22.2
Left tilted	10	QPSK 25_14	462000/2310	100%	0.000	0.11	21.39	23.00	1.449	0.000	22.2
Right cheek	10	QPSK 25_14	462000/2310	100%	0.000	0.13	21.39	23.00	1.449	0.000	22.2
Right tilted	10	QPSK 25_14	462000/2310	100%	0.000	-0.04	21.39	23.00	1.449	0.000	22.2
Mouth and jaw regions Position_Cover open (1RB) Receiver on											
Front side 35mm	10	QPSK 1_1	462000/2310	100%	0.075	0.06	21.43	23.00	1.435	0.108	22.2
Mouth and jaw regions Position_Cover open (50%RB) Receiver on											
Front side 35mm	10	QPSK 25_14	462000/2310	100%	0.066	-0.15	21.39	23.00	1.449	0.096	22.2
Close body Test data (Separate 10mm 1RB) Sensor on											
Back side	10	QPSK 1_1	462000/2310	100%	0.753	0.01	21.43	23.00	1.435	1.081	22.2
Close body Test data (Separate 10mm 50%RB) Sensor on											
Back side	10	QPSK 25_14	462000/2310	100%	0.598	0.01	21.39	23.00	1.449	0.867	22.2
Close body Test data (Separate 10mm 100%RB) Sensor on											
Back side	10	QPSK 50_0	462000/2310	100%	0.466	0.13	20.43	22.00	1.435	0.669	22.2
Close body Test data (1RB) Sensor off											
Front side 10mm	10	QPSK 1_1	462000/2310	100%	0.132	0.15	22.44	24.00	1.432	0.189	22.2
Back side 24mm	10	QPSK 1_1	462000/2310	100%	0.101	0.15	22.44	24.00	1.432	0.145	22.2
Close body Test data (50%RB) Sensor off											
Front side 10mm	10	QPSK 25_14	462000/2310	100%	0.140	0.08	22.41	24.00	1.442	0.202	22.2
Back side 24mm	10	QPSK 25_14	462000/2310	100%	0.093	-0.10	22.41	24.00	1.442	0.134	22.2
Open body Test data (Separate 10mm 1RB) Sensor on											
Back side	10	QPSK 1_1	462000/2310	100%	0.740	0.06	21.43	23.00	1.435	1.062	22.2
Open body Test data (Separate 10mm 50%RB) Sensor on											
Back side	10	QPSK 25_14	462000/2310	100%	0.569	-0.05	21.39	23.00	1.449	0.824	22.2
Open body Test data (Separate 10mm 100%RB) Sensor on											
Back side	10	QPSK 50_0	462000/2310	100%	0.450	0.01	20.43	22.00	1.435	0.646	22.2
Open body Test data (1RB) Sensor off											
Front side 10mm	10	QPSK 1_1	462000/2310	100%	0.236	0.12	22.44	24.00	1.432	0.338	22.2
Back side 24mm	10	QPSK 1_1	462000/2310	100%	0.112	0.11	22.44	24.00	1.432	0.160	22.2
Open body Test data (50%RB) Sensor off											
Front side 10mm	10	QPSK 25_14	462000/2310	100%	0.248	0.08	22.41	24.00	1.442	0.358	22.2
Back side 24mm	10	QPSK 25_14	462000/2310	100%	0.110	0.09	22.41	24.00	1.442	0.159	22.2
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB) Sensor on											
Back side	10	QPSK 1_1	462000/2310	100%	1.960	-0.11	21.43	23.00	1.435	2.813	22.2
Left side	10	QPSK 1_1	462000/2310	100%	2.130	0.07	21.43	23.00	1.435	3.057	22.2
Left side-repeated sar	10	QPSK 1_1	462000/2310	100%	2.100	0.09	21.43	23.00	1.435	3.014	22.2

Product specific 10g SAR Test data (Separate 0mm 50%RB) Sensor on											
Back side	10	QPSK 25_14	462000/2310	100%	1.660	0.12	21.39	23.00	1.449	2.405	22.2
Left side	10	QPSK 25_14	462000/2310	100%	2.040	-0.05	21.39	23.00	1.449	2.956	22.2
Product specific 10g SAR Test data (Separate 0mm 100%RB) Sensor on											
Back side	10	QPSK 50_0	462000/2310	100%	1.470	0.19	20.43	22.00	1.435	2.109	22.2
Left side	10	QPSK 50_0	462000/2310	100%	1.850	-0.11	20.43	22.00	1.435	2.655	22.2
Product specific 10g SAR Test data (1RB) Sensor off											
Front side 0mm	10	QPSK 1_1	462000/2310	100%	0.949	-0.05	22.44	24.00	1.432	1.359	22.2
Back side 24mm	10	QPSK 1_1	462000/2310	100%	0.098	0.12	22.44	24.00	1.432	0.140	22.2
Left side 13mm	10	QPSK 1_1	462000/2310	100%	0.218	-0.02	22.44	24.00	1.432	0.312	22.2
Right side 0mm	10	QPSK 1_1	462000/2310	100%	0.275	-0.04	22.44	24.00	1.432	0.394	22.2
Bottom side 0mm	10	QPSK 1_1	462000/2310	100%	0.553	0.00	22.44	24.00	1.432	0.792	22.2
Product specific 10g SAR Test data (50%RB) Sensor off											
Front side 0mm	10	QPSK 25_14	462000/2310	100%	0.878	0.08	22.41	24.00	1.442	1.266	22.2
Back side 24mm	10	QPSK 25_14	462000/2310	100%	0.090	0.06	22.41	24.00	1.442	0.130	22.2
Left side 13mm	10	QPSK 25_14	462000/2310	100%	0.209	0.13	22.41	24.00	1.442	0.301	22.2
Right side 0mm	10	QPSK 25_14	462000/2310	100%	0.271	0.13	22.41	24.00	1.442	0.391	22.2
Bottom side 0mm	10	QPSK 25_14	462000/2310	100%	0.525	0.11	22.41	24.00	1.442	0.757	22.2
Ant5 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)
Open Head Test Data (1RB)											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.170	0.11	22.42	24.00	1.439	0.245	22.2
Left tilted	10	QPSK 1_1	462000/2310	100%	0.140	-0.13	22.42	24.00	1.439	0.201	22.2
Right cheek	10	QPSK 1_1	462000/2310	100%	0.542	0.07	22.42	24.00	1.439	0.780	22.2
Right tilted	10	QPSK 1_1	462000/2310	100%	0.448	0.05	22.42	24.00	1.439	0.645	22.2
Open Head Test Data (50%RB)											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.213	0.01	22.39	24.00	1.449	0.309	22.2
Left tilted	10	QPSK 25_14	462000/2310	100%	0.150	-0.05	22.39	24.00	1.449	0.217	22.2
Right cheek	10	QPSK 25_14	462000/2310	100%	0.496	0.00	22.39	24.00	1.449	0.719	22.2
Right tilted	10	QPSK 25_14	462000/2310	100%	0.455	-0.07	22.39	24.00	1.449	0.659	22.2
Close body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.046	-0.01	22.42	24.00	1.439	0.066	22.2
Back side	10	QPSK 1_1	462000/2310	100%	0.289	0.09	22.42	24.00	1.439	0.416	22.2
Close body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.051	-0.17	22.39	24.00	1.449	0.074	22.2
Back side	10	QPSK 25_14	462000/2310	100%	0.274	0.08	22.39	24.00	1.449	0.397	22.2
Open body Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.000	-0.02	22.42	24.00	1.439	0.000	22.2
Back side	10	QPSK 1_1	462000/2310	100%	0.258	0.07	22.42	24.00	1.439	0.371	22.2
Open body Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.000	0.03	22.39	24.00	1.449	0.000	22.2
Back side	10	QPSK 25_14	462000/2310	100%	0.236	0.05	22.39	24.00	1.449	0.342	22.2
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.104	-0.09	22.44	24.00	1.432	0.149	22.2
Back side	10	QPSK 1_1	462000/2310	100%	0.154	-0.17	22.44	24.00	1.432	0.221	22.2
Left side	10	QPSK 1_1	462000/2310	100%	0.203	0.13	22.44	24.00	1.432	0.291	22.2
Right side	10	QPSK 1_1	462000/2310	100%	1.120	-0.03	22.44	24.00	1.432	1.604	22.2

Bottom side	10	QPSK 1_1	462000/2310	100%	0.051	0.12	22.44	24.00	1.432	0.073	22.2
Product specific 10g SAR Test data (Separate 0mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.107	0.06	22.39	24.00	1.449	0.155	22.2
Back side	10	QPSK 25_14	462000/2310	100%	0.147	-0.15	22.39	24.00	1.449	0.213	22.2
Left side	10	QPSK 25_14	462000/2310	100%	0.191	-0.07	22.39	24.00	1.449	0.277	22.2
Right side	10	QPSK 25_14	462000/2310	100%	1.030	0.12	22.39	24.00	1.449	1.492	22.2
Bottom side	10	QPSK 25_14	462000/2310	100%	0.053	-0.09	22.39	24.00	1.449	0.077	22.2

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left side 0mm	462000/2310	2.130	2.100	1.014	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.20 SAR Result of NR Band n41

SA N41 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)
Open Open Head Test Data (1RB) Receiver on											
Left cheek	100	QPSK 1_1	518598/2592.99	100%	0.000	0.04	22.16	24.00	1.528	0.000	22.8
Left tilted	100	QPSK 1_1	518598/2592.99	100%	0.000	-0.06	22.16	24.00	1.528	0.000	22.8
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.000	-0.06	22.16	24.00	1.528	0.000	22.8
Right tilted	100	QPSK 1_1	518598/2592.99	100%	0.000	0.08	22.16	24.00	1.528	0.000	22.8
Open Head Test Data (50%RB) Receiver on											
Left cheek	100	QPSK 135_69	518598/2592.99	100%	0.000	-0.12	22.14	24.00	1.535	0.000	22.8
Left tilted	100	QPSK 135_69	518598/2592.99	100%	0.000	-0.03	22.14	24.00	1.535	0.000	22.8
Right cheek	100	QPSK 135_69	518598/2592.99	100%	0.000	0.04	22.14	24.00	1.535	0.000	22.8
Right tilted	100	QPSK 135_69	518598/2592.99	100%	0.000	-0.02	22.14	24.00	1.535	0.000	22.8
Mouth and jaw regions Position_Cover open (1RB) Receiver on											
Front side 35mm	100	QPSK 1_1	518598/2592.99	100%	0.135	0.08	22.16	24.00	1.528	0.206	22.8
Mouth and jaw regions Position_Cover open (50%RB) Receiver on											
Front side 35mm	100	QPSK 135_69	518598/2592.99	100%	0.085	-0.02	22.14	24.00	1.535	0.130	22.8
Close body Test data (Separate 10mm 1RB) sensor on											
Back side	100	QPSK 1_1	518598/2592.99	100%	0.393	-0.16	22.16	24.00	1.528	0.601	22.8
Close body Test data (Separate 10mm 50%RB) sensor on											
Back side	100	QPSK 135_69	518598/2592.99	100%	0.361	0.06	22.14	24.00	1.535	0.554	22.8
Close body Test data (Separate 10mm 100%RB) sensor on											
Back side	100	QPSK 270_0	518598/2592.99	100%	0.329	0.08	21.10	23.00	1.549	0.510	22.8
Close body Test data (1RB) sensor off											
Front side 10mm	100	QPSK 1_1	518598/2592.99	100%	0.116	0.06	22.16	24.00	1.528	0.177	22.8
Back side 24mm	100	QPSK 1_1	518598/2592.99	100%	0.065	0.09	22.16	24.00	1.528	0.099	22.8
Close body Test data (50%RB) sensor off											
Front side 10mm	100	QPSK 135_69	518598/2592.99	100%	0.115	0.08	22.14	24.00	1.535	0.177	22.8
Back side 24mm	100	QPSK 135_69	518598/2592.99	100%	0.040	0.06	22.14	24.00	1.535	0.061	22.8
Open body Test data (Separate 10mm 1RB) sensor on											
Back side	100	QPSK 1_1	518598/2592.99	100%	0.359	0.05	22.16	24.00	1.528	0.549	22.8
Open body Test data (Separate 10mm 50%RB) sensor on											
Back side	100	QPSK 135_69	518598/2592.99	100%	0.343	-0.03	22.14	24.00	1.535	0.527	22.8
Open body Test data (1RB) sensor off											
Front side 10mm	100	QPSK 1_1	518598/2592.99	100%	0.180	0.12	22.16	24.00	1.528	0.275	22.8
Back side 24mm	100	QPSK 1_1	518598/2592.99	100%	0.051	0.14	22.16	24.00	1.528	0.078	22.8
Open body Test data (50%RB) sensor off											
Front side 10mm	100	QPSK 135_69	518598/2592.99	100%	0.175	0.15	22.14	24.00	1.535	0.269	22.8
Back side 24mm	100	QPSK 135_69	518598/2592.99	100%	0.037	0.11	22.14	24.00	1.535	0.057	22.8
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB) sensor on											
Back side	100	QPSK 1_1	518598/2592.99	100%	1.200	0.16	22.16	24.00	1.528	1.834	22.8
Left side	100	QPSK 1_1	518598/2592.99	100%	1.820	0.15	22.16	24.00	1.528	2.781	22.8
Left side-PC2	100	QPSK 1_1	518598/2592.99	50%	1.220	0.11	23.48	25.00	1.419	1.731	22.8
Product specific 10g SAR Test data (Separate 0mm 50%RB) sensor on											
Back side	100	QPSK 135_69	518598/2592.99	100%	0.985	-0.10	22.14	24.00	1.535	1.512	22.8

Left side	100	QPSK 135_69	518598/2592.99	100%	1.740	0.14	22.14	24.00	1.535	2.671	22.8
Product specific 10g SAR Test data (Separate 0mm 100%RB) sensor on											
Back side	100	QPSK 1_1	518598/2592.99	100%	1.020	0.09	21.10	23.00	1.549	1.580	22.8
Left side	100	QPSK 270_0	518598/2592.99	100%	1.740	0.17	21.10	23.00	1.549	2.695	22.8
Product specific 10g SAR Test data (1RB) sensor off											
Front side 0mm	100	QPSK 1_1	518598/2592.99	100%	0.475	0.07	22.16	24.00	1.528	0.726	22.8
Back side 24mm	100	QPSK 1_1	518598/2592.99	100%	0.075	0.04	22.16	24.00	1.528	0.115	22.8
Left side 13mm	100	QPSK 1_1	518598/2592.99	100%	0.296	0.18	22.16	24.00	1.528	0.452	22.8
Right side 0mm	100	QPSK 1_1	518598/2592.99	100%	0.090	-0.19	22.16	24.00	1.528	0.138	22.8
Bottom side 0mm	100	QPSK 1_1	518598/2592.99	100%	0.188	0.16	22.16	24.00	1.528	0.287	22.8
Product specific 10g SAR Test data (50%RB) sensor off											
Front side 0mm	100	QPSK 135_69	518598/2592.99	100%	0.444	0.04	22.14	24.00	1.535	0.682	22.8
Back side 24mm	100	QPSK 135_69	518598/2592.99	100%	0.035	0.06	22.14	24.00	1.535	0.054	22.8
Left side 13mm	100	QPSK 135_69	518598/2592.99	100%	0.242	-0.13	22.14	24.00	1.535	0.371	22.8
Right side 0mm	100	QPSK 135_69	518598/2592.99	100%	0.076	0.00	22.14	24.00	1.535	0.117	22.8
Bottom side 0mm	100	QPSK 135_69	518598/2592.99	100%	0.152	0.03	22.14	24.00	1.535	0.233	22.8
Ant5 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)
Open Head Test Data (1RB) Receiver on											
Left cheek	100	QPSK 1_1	518598/2592.99	100%	0.363	-0.17	18.68	20.50	1.521	0.552	22.8
Left tilted	100	QPSK 1_1	518598/2592.99	100%	0.120	0.13	18.68	20.50	1.521	0.183	22.8
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.750	-0.08	18.68	20.50	1.521	1.141	22.8
Right cheek-PC2	100	QPSK 1_1	518598/2592.99	50%	0.385	-0.03	18.66	20.50	1.528	0.588	22.8
Right tilted	100	QPSK 1_1	518598/2592.99	100%	0.113	0.06	18.68	20.50	1.521	0.172	22.8
Open Head Test Data (50%RB) Receiver on											
Left cheek	100	QPSK 135_69	518598/2592.99	100%	0.361	-0.03	18.66	20.50	1.528	0.552	22.8
Left tilted	100	QPSK 135_69	518598/2592.99	100%	0.116	0.04	18.66	20.50	1.528	0.177	22.8
Right cheek	100	QPSK 135_69	518598/2592.99	100%	0.728	-0.02	18.66	20.50	1.528	1.112	22.8
Right tilted	100	QPSK 135_69	518598/2592.99	100%	0.110	0.08	18.66	20.50	1.528	0.168	22.8
Open Head Test Data (100%RB) Receiver on											
Right cheek	100	QPSK 270_0	518598/2592.99	100%	0.658	0.01	17.67	19.50	1.524	1.003	22.8
Close body Test data (Separate 10mm 1RB) sensor on											
Back side	100	QPSK 1_1	518598/2592.99	100%	0.406	0.05	22.21	24.00	1.510	0.613	22.8
Back side-PC2	100	QPSK 1_1	518598/2592.99	50%	0.355	0.05	24.64	26.50	1.535	0.545	22.8
Close body Test data (Separate 10mm 50%RB) sensor on											
Back side	100	QPSK 135_69	518598/2592.99	100%	0.333	-0.18	22.18	24.00	1.521	0.506	22.8
Close body Test data (Separate 10mm 100%RB) sensor on											
Back side	100	QPSK 270_0	518598/2592.99	100%	0.356	0.04	21.17	23.00	1.524	0.543	22.8
Close body Test data (1RB) sensor off											
Front side 10mm	100	QPSK 1_1	518598/2592.99	100%	0.201	0.06	22.21	24.00	1.510	0.304	22.8
Back side 24mm	100	QPSK 1_1	518598/2592.99	100%	0.094	0.07	22.21	24.00	1.510	0.142	22.8
Close body Test data (50%RB) sensor off											
Front side 10mm	100	QPSK 135_69	518598/2592.99	100%	0.187	-0.10	22.18	24.00	1.521	0.284	22.8
Back side 24mm	100	QPSK 135_69	518598/2592.99	100%	0.083	-0.01	22.18	24.00	1.521	0.126	22.8
Open body Test data (Separate 10mm 1RB) sensor on											
Back side	100	QPSK 1_1	518598/2592.99	100%	0.401	0.09	22.21	24.00	1.510	0.606	22.8
Open body Test data (Separate 10mm 50%RB) sensor on											
Back side	100	QPSK 135_69	518598/2592.99	100%	0.355	-0.01	22.18	24.00	1.521	0.540	22.8
Open body Test data (Separate 10mm 100%RB) sensor on											
Back side	100	QPSK 270_0	518598/2592.99	100%	0.336	0.15	21.17	23.00	1.524	0.512	22.8

Open body Test data (1RB) sensor off											
Front side 10mm	100	QPSK 1_1	518598/2592.99	100%	0.000	0.02	22.21	24.00	1.510	0.000	22.8
Back side 24mm	100	QPSK 1_1	518598/2592.99	100%	0.100	-0.01	22.21	24.00	1.510	0.151	22.8
Open body Test data (50%RB) sensor off											
Front side 10mm	100	QPSK 135_69	518598/2592.99	100%	0.000	0.14	22.18	24.00	1.521	0.000	22.8
Back side 24mm	100	QPSK 135_69	518598/2592.99	100%	0.077	0.17	22.18	24.00	1.521	0.117	22.8
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	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 10g SAR Test data (Separate 0mm 1RB) sensor on											
Right side	100	QPSK 1_1	518598/2592.99	100%	1.770	-0.01	22.21	24.00	1.510	2.673	22.8
Product specific 10g SAR Test data (Separate 0mm 50%RB) sensor on											
Right side	100	QPSK 135_69	518598/2592.99	100%	1.760	-0.03	22.18	24.00	1.521	2.677	22.8
Product specific 10g SAR Test data (Separate 0mm 100%RB) sensor on											
Right side	100	QPSK 270_0	518598/2592.99	100%	1.640	0.19	21.17	23.00	1.524	2.499	22.8
Product specific 10g SAR Test data (1RB) sensor off											
Front side 0mm	100	QPSK 1_1	518598/2592.99	100%	0.180	0.05	22.21	24.00	1.510	0.272	22.8
Back side 0mm	100	QPSK 1_1	518598/2592.99	100%	0.228	-0.15	22.21	24.00	1.510	0.344	22.8
Left side 0mm	100	QPSK 1_1	518598/2592.99	100%	0.295	-0.16	22.21	24.00	1.510	0.445	22.8
Right side 18mm	100	QPSK 1_1	518598/2592.99	100%	0.120	0.18	22.21	24.00	1.510	0.181	22.8
Bottom side 0mm	100	QPSK 1_1	518598/2592.99	100%	0.177	0.13	22.21	24.00	1.510	0.267	22.8
Product specific 10g SAR Test data (50%RB) sensor off											
Front side 0mm	100	QPSK 135_69	518598/2592.99	100%	0.980	-0.13	22.18	24.00	1.521	1.491	22.8
Back side 0mm	100	QPSK 135_69	518598/2592.99	100%	0.224	-0.12	22.18	24.00	1.521	0.341	22.8
Left side 0mm	100	QPSK 135_69	518598/2592.99	100%	0.272	0.06	22.18	24.00	1.521	0.414	22.8
Right side 18mm	100	QPSK 135_69	518598/2592.99	100%	0.101	-0.15	22.18	24.00	1.521	0.154	22.8
Bottom side 0mm	100	QPSK 135_69	518598/2592.99	100%	0.131	0.13	22.18	24.00	1.521	0.199	22.8