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Left side	10	QPSK 1_0	23330/793	1:1	0.458	0.10	23.56	24.00	1.107	0.507	22.2
Right side	10	QPSK 1_0	23330/793	1:1	0.226	-0.07	23.56	24.00	1.107	0.250	22.2
Bottom side	10	QPSK 1_0	23330/793	1:1	0.173	-0.12	23.56	24.00	1.107	0.192	22.2
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_0	23330/793	1:1	0.415	0.04	22.46	24.00	1.426	0.592	22.2
Back side	10	QPSK 25_0	23330/793	1:1	0.395	0.03	22.46	24.00	1.426	0.563	22.2
Left side	10	QPSK 25_0	23330/793	1:1	0.372	0.01	22.46	24.00	1.426	0.530	22.2
Right side	10	QPSK 25_0	23330/793	1:1	0.189	0.03	22.46	24.00	1.426	0.270	22.2
Bottom side	10	QPSK 25_0	23330/793	1:1	0.129	-0.05	22.46	24.00	1.426	0.184	22.2

8.3.9 SAR Result of LTE Band 17

LTE Band 17 SAR Test Record											
Ant 0 Test Record											
Test position	BW	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	23790/710	1:1	0.384	0.02	24.28	26.00	1.486	0.571	22.2
Left tilted	10	QPSK 1_0	23790/710	1:1	0.256	-0.08	24.28	26.00	1.486	0.380	22.2
Right cheek	10	QPSK 1_0	23790/710	1:1	0.272	0.03	24.28	26.00	1.486	0.404	22.2
Right tilted	10	QPSK 1_0	23790/710	1:1	0.184	0.14	24.28	26.00	1.486	0.273	22.2
Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	23790/710	1:1	0.313	0.06	23.17	25.00	1.524	0.477	22.2
Left tilted	10	QPSK 25_0	23790/710	1:1	0.203	0.04	23.17	25.00	1.524	0.309	22.2
Right cheek	10	QPSK 25_0	23790/710	1:1	0.220	-0.11	23.17	25.00	1.524	0.335	22.2
Right tilted	10	QPSK 25_0	23790/710	1:1	0.147	0.18	23.17	25.00	1.524	0.224	22.2
Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_0	23790/710	1:1	0.141	0.14	24.28	26.00	1.486	0.210	22.2
Back side	10	QPSK 1_0	23790/710	1:1	0.140	0.06	24.28	26.00	1.486	0.208	22.2
Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_0	23790/710	1:1	0.119	-0.01	23.17	25.00	1.524	0.181	22.2
Back side	10	QPSK 25_0	23790/710	1:1	0.115	-0.10	23.17	25.00	1.524	0.175	22.2
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	23790/710	1:1	0.126	-0.15	24.28	26.00	1.486	0.187	22.2
Back side	10	QPSK 1_0	23790/710	1:1	0.116	-0.18	24.28	26.00	1.486	0.172	22.2
Left side	10	QPSK 1_0	23790/710	1:1	0.068	-0.15	24.28	26.00	1.486	0.101	22.2
Right side	10	QPSK 1_0	23790/710	1:1	0.044	0.15	24.28	26.00	1.486	0.065	22.2
Top side	10	QPSK 1_0	23790/710	1:1	0.042	0.13	24.28	26.00	1.486	0.062	22.2
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	23790/710	1:1	0.101	0.16	23.17	25.00	1.524	0.154	22.2
Back side	10	QPSK 25_0	23790/710	1:1	0.094	-0.16	23.17	25.00	1.524	0.143	22.2
Left side	10	QPSK 25_0	23790/710	1:1	0.051	-0.16	23.17	25.00	1.524	0.078	22.2
Right side	10	QPSK 25_0	23790/710	1:1	0.025	0.17	23.17	25.00	1.524	0.038	22.2
Top side	10	QPSK 25_0	23790/710	1:1	0.016	0.19	23.17	25.00	1.524	0.024	22.2
Ant 1 Test Record											
Test position	BW	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	23790/710	1:1	0.424	-0.11	24.23	26.00	1.503	0.637	22.2
Left tilted	10	QPSK 1_0	23790/710	1:1	0.170	-0.08	24.23	26.00	1.503	0.256	22.2
Right cheek	10	QPSK 1_0	23790/710	1:1	0.433	-0.08	24.23	26.00	1.503	0.651	22.2
Right tilted	10	QPSK 1_0	23790/710	1:1	0.207	-0.12	24.23	26.00	1.503	0.311	22.2
Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	23790/710	1:1	0.372	-0.10	23.07	25.00	1.560	0.580	22.2
Left tilted	10	QPSK 25_0	23790/710	1:1	0.151	0.01	23.07	25.00	1.560	0.236	22.2
Right cheek	10	QPSK 25_0	23790/710	1:1	0.391	0.13	23.07	25.00	1.560	0.610	22.2
Right tilted	10	QPSK 25_0	23790/710	1:1	0.181	-0.15	23.07	25.00	1.560	0.282	22.2
Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_0	23790/710	1:1	0.326	0.01	24.23	26.00	1.503	0.490	22.2
Back side	10	QPSK 1_0	23790/710	1:1	0.370	0.01	24.23	26.00	1.503	0.556	22.2
Body worn Test data (Separate 5mm 50%RB)											

Front side	10	QPSK 25_0	23790/710	1:1	0.294	-0.16	23.07	25.00	1.560	0.459	22.2
Back side	10	QPSK 25_0	23790/710	1:1	0.270	-0.12	23.07	25.00	1.560	0.421	22.2
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	23790/710	1:1	0.417	0.09	24.23	26.00	1.503	0.627	22.2
Back side	10	QPSK 1_0	23790/710	1:1	0.351	0.09	24.23	26.00	1.503	0.528	22.2
Left side	10	QPSK 1_0	23790/710	1:1	0.333	0.02	24.23	26.00	1.503	0.500	22.2
Right side	10	QPSK 1_0	23790/710	1:1	0.146	-0.06	24.23	26.00	1.503	0.219	22.2
Bottom side	10	QPSK 1_0	23790/710	1:1	0.070	0.03	24.23	26.00	1.503	0.105	22.2
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	23790/710	1:1	0.340	0.08	23.07	25.00	1.560	0.530	22.2
Back side	10	QPSK 25_0	23790/710	1:1	0.299	-0.09	23.07	25.00	1.560	0.466	22.2
Left side	10	QPSK 25_0	23790/710	1:1	0.284	0.12	23.07	25.00	1.560	0.443	22.2
Right side	10	QPSK 25_0	23790/710	1:1	0.111	-0.09	23.07	25.00	1.560	0.173	22.2
Bottom side	10	QPSK 25_0	23790/710	1:1	0.054	-0.16	23.07	25.00	1.560	0.084	22.2

8.3.10 SAR Result of LTE Band 30

LTE Band 30 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)
Receiver on Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	27710/2310	1:1	0.910	0.08	21.76	22.00	1.057	0.962	22.6
Left cheek-Repeat SAR	10	QPSK 1_0	27710/2310	1:1	0.907	-0.13	21.76	22.00	1.057	0.959	22.6
Left tilted	10	QPSK 1_0	27710/2310	1:1	0.653	-0.13	21.76	22.00	1.057	0.690	22.6
Right cheek	10	QPSK 1_0	27710/2310	1:1	0.460	-0.05	21.76	22.00	1.057	0.486	22.6
Right tilted	10	QPSK 1_0	27710/2310	1:1	0.427	-0.11	21.76	22.00	1.057	0.451	22.6
Receiver on Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	27710/2310	1:1	0.715	0.03	21.65	22.00	1.084	0.775	22.6
Left tilted	10	QPSK 25_0	27710/2310	1:1	0.516	0.17	21.65	22.00	1.084	0.559	22.6
Right cheek	10	QPSK 25_0	27710/2310	1:1	0.370	0.17	21.65	22.00	1.084	0.401	22.6
Right tilted	10	QPSK 25_0	27710/2310	1:1	0.341	-0.11	21.65	22.00	1.084	0.370	22.6
Receiver on Head Test Data (100%RB)											
Left cheek	10	QPSK 50_0	27710/2310	1:1	0.669	0.02	21.63	22.00	1.089	0.729	22.6
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	10	QPSK 1_0	27710/2310	1:1	0.910	0.08	21.76	19.50	0.594	0.541	22.6
Left tilted	10	QPSK 1_0	27710/2310	1:1	0.653	-0.13	21.76	19.50	0.594	0.388	22.6
Right cheek	10	QPSK 1_0	27710/2310	1:1	0.460	-0.05	21.76	19.50	0.594	0.273	22.6
Right tilted	10	QPSK 1_0	27710/2310	1:1	0.427	-0.11	21.76	19.50	0.594	0.254	22.6
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	10	QPSK 25_0	27710/2310	1:1	0.715	0.03	21.65	19.50	0.610	0.436	22.6
Left tilted	10	QPSK 25_0	27710/2310	1:1	0.516	0.17	21.65	19.50	0.610	0.315	22.6
Right cheek	10	QPSK 25_0	27710/2310	1:1	0.370	0.17	21.65	19.50	0.610	0.226	22.6
Right tilted	10	QPSK 25_0	27710/2310	1:1	0.341	-0.11	21.65	19.50	0.610	0.208	22.6
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	10	QPSK 50_0	27710/2310	1:1	0.669	0.02	21.63	19.50	0.612	0.409	22.6
Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.758	0.12	22.29	24.00	1.483	1.124	22.6
Back side	10	QPSK 1_0	27710/2310	1:1	0.725	-0.15	22.29	24.00	1.483	1.075	22.6
Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.534	-0.05	21.12	23.00	1.542	0.823	22.6
Back side	10	QPSK 25_0	27710/2310	1:1	0.593	0.07	21.12	23.00	1.542	0.914	22.6
Body worn Test data (Separate 5mm 100%RB)											
Front side	10	QPSK 50_0	27710/2310	1:1	0.507	0.15	21.14	23.00	1.535	0.778	22.6
Back side	10	QPSK 50_0	27710/2310	1:1	0.566	0.07	21.14	23.00	1.535	0.869	22.6
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	10	QPSK 1_0	27710/2310	1:1	0.758	0.12	22.29	21.00	0.743	0.563	22.6
Back side	10	QPSK 1_0	27710/2310	1:1	0.725	-0.15	22.29	21.00	0.743	0.539	22.6
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_0	27710/2310	1:1	0.534	-0.05	21.12	21.00	0.973	0.520	22.6
Back side	10	QPSK 25_0	27710/2310	1:1	0.593	0.07	21.12	21.00	0.973	0.577	22.6
Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	10	QPSK 50_0	27710/2310	1:1	0.507	0.15	21.14	21.00	0.968	0.491	22.6
Back side	10	QPSK 50_0	27710/2310	1:1	0.566	0.07	21.14	21.00	0.968	0.548	22.6
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.313	-0.06	22.29	24.00	1.483	0.464	22.6

Back side	10	QPSK 1_0	27710/2310	1:1	0.402	-0.08	22.29	24.00	1.483	0.596	22.6
Left side	10	QPSK 1_0	27710/2310	1:1	0.072	-0.02	22.29	24.00	1.483	0.107	22.6
Right side	10	QPSK 1_0	27710/2310	1:1	0.159	0.03	22.29	24.00	1.483	0.236	22.6
Top side	10	QPSK 1_0	27710/2310	1:1	0.166	0.05	22.29	24.00	1.483	0.246	22.6
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.278	-0.10	21.12	23.00	1.542	0.429	22.6
Back side	10	QPSK 25_0	27710/2310	1:1	0.351	-0.18	21.12	23.00	1.542	0.541	22.6
Left side	10	QPSK 25_0	27710/2310	1:1	0.059	-0.11	21.12	23.00	1.542	0.091	22.6
Right side	10	QPSK 25_0	27710/2310	1:1	0.131	-0.04	21.12	23.00	1.542	0.202	22.6
Top side	10	QPSK 25_0	27710/2310	1:1	0.151	-0.17	21.12	23.00	1.542	0.233	22.6
Ant 1 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	10	QPSK 1_0	27710/2310	1:1	0.235	-0.08	22.73	24.00	1.340	0.315	22.6
Left tilted	10	QPSK 1_0	27710/2310	1:1	0.127	-0.03	22.73	24.00	1.340	0.170	22.6
Right cheek	10	QPSK 1_0	27710/2310	1:1	0.504	-0.19	22.73	24.00	1.340	0.675	22.6
Right tilted	10	QPSK 1_0	27710/2310	1:1	0.098	0.11	22.73	24.00	1.340	0.131	22.6
Head Test Data (50%RB)											
Left cheek	10	QPSK 25_0	27710/2310	1:1	0.175	0.09	21.69	23.00	1.352	0.237	22.6
Left tilted	10	QPSK 25_0	27710/2310	1:1	0.094	0.14	21.69	23.00	1.352	0.127	22.6
Right cheek	10	QPSK 25_0	27710/2310	1:1	0.386	0.14	21.69	23.00	1.352	0.522	22.6
Right tilted	10	QPSK 25_0	27710/2310	1:1	0.090	-0.19	21.69	23.00	1.352	0.122	22.6
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	10	QPSK 1_0	27710/2310	1:1	0.235	-0.08	22.73	23.00	1.064	0.250	22.6
Left tilted	10	QPSK 1_0	27710/2310	1:1	0.127	-0.03	22.73	23.00	1.064	0.135	22.6
Right cheek	10	QPSK 1_0	27710/2310	1:1	0.504	-0.19	22.73	23.00	1.064	0.536	22.6
Right tilted	10	QPSK 1_0	27710/2310	1:1	0.098	0.11	22.73	23.00	1.064	0.104	22.6
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	10	QPSK 25_0	27710/2310	1:1	0.175	0.09	21.69	23.00	1.352	0.237	22.6
Left tilted	10	QPSK 25_0	27710/2310	1:1	0.094	0.14	21.69	23.00	1.352	0.127	22.6
Right cheek	10	QPSK 25_0	27710/2310	1:1	0.386	0.14	21.69	23.00	1.352	0.522	22.6
Right tilted	10	QPSK 25_0	27710/2310	1:1	0.090	-0.19	21.69	23.00	1.352	0.122	22.6
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.846	0.11	22.26	23.50	1.330	1.125	22.6
Front side-Repeat SAR	10	QPSK 1_0	27710/2310	1:1	0.834	0.01	22.26	23.50	1.330	1.109	22.6
Back side	10	QPSK 1_0	27710/2310	1:1	0.821	-0.01	22.26	23.50	1.330	1.092	22.6
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.753	0.05	21.69	23.00	1.352	1.018	22.6
Back side	10	QPSK 25_0	27710/2310	1:1	0.678	-0.11	21.69	23.00	1.352	0.917	22.6
Sensor on Body worn Test data (Separate 5mm 100%RB)											
Front side	10	QPSK 50_0	27710/2310	1:1	0.715	0.14	21.72	23.00	1.343	0.960	22.6
Back side	10	QPSK 50_0	27710/2310	1:1	0.629	-0.15	21.72	23.00	1.343	0.845	22.6
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	10	QPSK 1_0	27710/2310	1:1	0.846	0.11	22.26	20.50	0.667	0.564	22.6
Back side	10	QPSK 1_0	27710/2310	1:1	0.821	-0.01	22.26	20.50	0.667	0.548	22.6
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_0	27710/2310	1:1	0.753	0.05	21.69	20.50	0.760	0.572	22.6
Back side	10	QPSK 25_0	27710/2310	1:1	0.678	-0.11	21.69	20.50	0.760	0.515	22.6
Sensor on Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	10	QPSK 50_0	27710/2310	1:1	0.715	0.14	21.72	20.50	0.755	0.540	22.6

Back side	10	QPSK 50_0	27710/2310	1:1	0.629	-0.15	21.72	20.50	0.755	0.475	22.6
Sensor off Body worn Test data 1RB											
Front side-21mm	10	QPSK 1_0	27710/2310	1:1	0.111	-0.05	22.73	24.00	1.340	0.149	22.6
Back side-18mm	10	QPSK 1_0	27710/2310	1:1	0.127	-0.03	22.73	24.00	1.340	0.170	22.6
Sensor off Body worn Test data 50RB											
Front side-21mm	10	QPSK 25_0	27710/2310	1:1	0.089	-0.11	21.69	23.00	1.352	0.120	22.6
Back side-18mm	10	QPSK 25_0	27710/2310	1:1	0.097	-0.16	21.69	23.00	1.352	0.131	22.6
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.457	-0.05	22.26	23.50	1.330	0.608	22.6
Back side	10	QPSK 1_0	27710/2310	1:1	0.486	0.07	22.26	23.50	1.330	0.646	22.6
Left side	10	QPSK 1_0	27710/2310	1:1	0.112	-0.07	22.26	23.50	1.330	0.149	22.6
Right side	10	QPSK 1_0	27710/2310	1:1	0.477	-0.19	22.26	23.50	1.330	0.634	22.6
Bottom side	10	QPSK 1_0	27710/2310	1:1	0.402	-0.08	22.26	23.50	1.330	0.535	22.6
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.358	0.08	21.69	23.00	1.352	0.484	22.6
Back side	10	QPSK 25_0	27710/2310	1:1	0.369	0.11	21.69	23.00	1.352	0.499	22.6
Left side	10	QPSK 25_0	27710/2310	1:1	0.095	0.16	21.69	23.00	1.352	0.128	22.6
Right side	10	QPSK 25_0	27710/2310	1:1	0.399	-0.08	21.69	23.00	1.352	0.539	22.6
Bottom side	10	QPSK 25_0	27710/2310	1:1	0.319	-0.06	21.69	23.00	1.352	0.431	22.6

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	27710/2310	0.910	0.907	1.003	N/A	N/A
Front side-5mm	27710/2310	0.846	0.834	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.

8.3.11 SAR Result of LTE Band 41

LTE Band 41 SAR Test Record											
Ant 0 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	40620/2593	1:1.58	0.810	0.06	22.76	24.00	1.330	1.077	22.4
Left cheek-Repeat SAR	20	QPSK 1_0	40620/2593	1:1.58	0.807	0.11	22.76	24.00	1.330	1.073	22.4
Left cheek-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.601	0.05	22.76	24.00	1.330	0.799	22.4
Left cheek	20	QPSK 1_0	39750/2506	1:1.58	0.761	0.01	22.60	24.00	1.380	1.050	22.4
Left cheek	20	QPSK 1_0	40185/2549.5	1:1.58	0.758	0.04	22.54	24.00	1.400	1.061	22.4
Left cheek	20	QPSK 1_0	41055/2636.5	1:1.58	0.739	0.04	22.68	24.00	1.355	1.001	22.4
Left cheek	20	QPSK 1_0	41490/2680	1:1.58	0.720	-0.14	22.67	24.00	1.358	0.978	22.4
Left tilted	20	QPSK 1_0	40620/2593	1:1.58	0.744	0.18	22.76	24.00	1.330	0.990	22.4
Left tilted	20	QPSK 1_0	39750/2506	1:1.58	0.709	-0.04	22.60	24.00	1.380	0.978	22.4
Left tilted	20	QPSK 1_0	40185/2549.5	1:1.58	0.711	-0.04	22.54	24.00	1.400	0.995	22.4
Left tilted	20	QPSK 1_0	41055/2636.5	1:1.58	0.689	0.07	22.68	24.00	1.355	0.934	22.4
Left tilted	20	QPSK 1_0	41490/2680	1:1.58	0.694	-0.10	22.67	24.00	1.358	0.942	22.4
Right cheek	20	QPSK 1_0	40620/2593	1:1.58	0.453	0.12	22.76	24.00	1.330	0.602	22.4
Right cheek	20	QPSK 1_0	39750/2506	1:1.58	0.479	-0.06	22.60	24.00	1.380	0.661	22.4
Right cheek	20	QPSK 1_0	40185/2549.5	1:1.58	0.458	0.18	22.54	24.00	1.400	0.641	22.4
Right cheek	20	QPSK 1_0	41055/2636.5	1:1.58	0.431	-0.06	22.68	24.00	1.355	0.584	22.4
Right cheek	20	QPSK 1_0	41490/2680	1:1.58	0.445	0.11	22.67	24.00	1.358	0.604	22.4
Right tilted	20	QPSK 1_0	40620/2593	1:1.58	0.561	-0.04	22.76	24.00	1.330	0.746	22.4
Right tilted	20	QPSK 1_0	39750/2506	1:1.58	0.527	0.14	22.60	24.00	1.380	0.727	22.4
Right tilted	20	QPSK 1_0	40185/2549.5	1:1.58	0.509	0.00	22.54	24.00	1.400	0.713	22.4
Right tilted	20	QPSK 1_0	41055/2636.5	1:1.58	0.537	0.06	22.68	24.00	1.355	0.728	22.4
Right tilted	20	QPSK 1_0	41490/2680	1:1.58	0.522	-0.12	22.67	24.00	1.358	0.709	22.4
Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	40620/2593	1:1.58	0.642	-0.14	21.65	23.00	1.365	0.876	22.4
Left cheek	20	QPSK 50_0	39750/2506	1:1.58	0.617	0.06	21.55	23.00	1.396	0.861	22.4
Left cheek	20	QPSK 50_0	40185/2549.5	1:1.58	0.622	-0.13	21.54	23.00	1.400	0.871	22.4
Left cheek	20	QPSK 50_0	41055/2636.5	1:1.58	0.630	-0.10	21.68	23.00	1.355	0.854	22.4
Left cheek	20	QPSK 50_0	41490/2680	1:1.58	0.628	-0.17	21.67	23.00	1.358	0.853	22.4
Left tilted	20	QPSK 50_0	40620/2593	1:1.58	0.605	0.19	21.65	23.00	1.365	0.826	22.4
Left tilted	20	QPSK 50_0	39750/2506	1:1.58	0.579	0.04	21.55	23.00	1.396	0.808	22.4
Left tilted	20	QPSK 50_0	40185/2549.5	1:1.58	0.602	-0.11	21.54	23.00	1.400	0.843	22.4
Left tilted	20	QPSK 50_0	41055/2636.5	1:1.58	0.589	0.10	21.68	23.00	1.355	0.798	22.4
Left tilted	20	QPSK 50_0	41490/2680	1:1.58	0.601	0.12	21.67	23.00	1.358	0.816	22.4
Right cheek	20	QPSK 50_0	40620/2593	1:1.58	0.369	0.03	21.65	23.00	1.365	0.504	22.4
Right tilted	20	QPSK 50_0	40620/2593	1:1.58	0.464	0.11	21.65	23.00	1.365	0.633	22.4
Right tilted	20	QPSK 50_0	39750/2506	1:1.58	0.482	-0.11	21.55	23.00	1.396	0.673	22.4
Right tilted	20	QPSK 50_0	40185/2549.5	1:1.58	0.466	-0.14	21.54	23.00	1.400	0.652	22.4
Right tilted	20	QPSK 50_0	41055/2636.5	1:1.58	0.457	-0.09	21.68	23.00	1.355	0.619	22.4
Right tilted	20	QPSK 50_0	41490/2680	1:1.58	0.433	0.00	21.67	23.00	1.358	0.588	22.4
Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	40620/2593	1:1.58	0.607	-0.17	21.66	23.00	1.361	0.826	22.4
Left tilted	20	QPSK 100_0	40620/2593	1:1.58	0.555	0.04	21.66	23.00	1.361	0.755	22.4
Right cheek	20	QPSK 100_0	40620/2593	1:1.58	0.319	0.09	21.66	23.00	1.361	0.434	22.4
Right tilted	20	QPSK 100_0	40620/2593	1:1.58	0.404	-0.03	21.66	23.00	1.361	0.550	22.4
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.450	0.09	22.76	24.00	1.330	0.599	22.4
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.523	-0.12	22.76	24.00	1.330	0.696	22.4
Back side	20	QPSK 1_0	39750/2506	1:1.58	0.508	0.16	22.60	24.00	1.380	0.701	22.4
Back side	20	QPSK 1_0	40185/2549.5	1:1.58	0.519	0.15	22.54	24.00	1.400	0.727	22.4
Back side-PC2-Sensor on	20	QPSK 1_0	40185/2549.5	1:2.33	0.375	0.02	22.54	24.00	1.400	0.525	22.4
Back side	20	QPSK 1_0	41055/2636.5	1:1.58	0.533	-0.02	22.68	24.00	1.355	0.722	22.4

Back side	20	QPSK 1_0	41490/2680	1:1.58	0.500	-0.16	22.67	24.00	1.358	0.679	22.4
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.302	0.00	21.65	23.00	1.365	0.412	22.4
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.439	0.14	21.65	23.00	1.365	0.599	22.4
Body worn Test data (Separate 5mm 100%RB)											
Back side	20	QPSK 100_0	40620/2593	1:1.58	0.420	0.12	21.66	23.00	1.361	0.572	22.4
Sensor off Body worn Test data 1RB											
Front side-PC2-20mm	20	QPSK 1_0	40620/2593	1:1.58	0.178	0.05	26.02	27.00	1.253	0.223	22.4
Back side-PC2-15mm	20	QPSK 1_0	40620/2593	1:1.58	0.303	0.01	26.02	27.00	1.253	0.380	22.4
Sensor off Body worn Test data 50%RB											
Front side-PC2-20mm	20	QPSK 50_0	40620/2593	1:1.58	0.139	0.08	25.11	26.00	1.227	0.171	22.4
Back side-PC2-15mm	20	QPSK 50_0	40620/2593	1:1.58	0.256	0.07	25.11	26.00	1.227	0.314	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.204	-0.17	22.76	24.00	1.330	0.271	22.4
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.267	-0.04	22.76	24.00	1.330	0.355	22.4
Left side	20	QPSK 1_0	40620/2593	1:1.58	0.084	0.10	22.76	24.00	1.330	0.112	22.4
Right side	20	QPSK 1_0	40620/2593	1:1.58	0.160	-0.18	22.76	24.00	1.330	0.213	22.4
Top side	20	QPSK 1_0	40620/2593	1:1.58	0.563	0.05	22.76	24.00	1.330	0.749	22.4
Top side-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.399	0.09	22.76	24.00	1.330	0.531	22.4
Top side	20	QPSK 1_0	39750/2506	1:1.58	0.513	0.09	22.60	24.00	1.380	0.708	22.4
Top side	20	QPSK 1_0	40185/2549.5	1:1.58	0.528	0.07	22.54	24.00	1.400	0.739	22.4
Top side	20	QPSK 1_0	41055/2636.5	1:1.58	0.533	0.17	22.68	24.00	1.355	0.722	22.4
Top side	20	QPSK 1_0	41490/2680	1:1.58	0.507	0.12	22.67	24.00	1.358	0.689	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.157	0.05	21.65	23.00	1.365	0.214	22.4
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.215	-0.16	21.65	23.00	1.365	0.293	22.4
Left side	20	QPSK 50_0	40620/2593	1:1.58	0.063	-0.17	21.65	23.00	1.365	0.086	22.4
Right side	20	QPSK 50_0	40620/2593	1:1.58	0.142	-0.04	21.65	23.00	1.365	0.194	22.4
Top side	20	QPSK 50_0	40620/2593	1:1.58	0.381	-0.12	21.65	23.00	1.365	0.520	22.4
Hotspot Test data (Separate 10mm 100%RB)											
Top side	20	QPSK 100_0	40620/2593	1:1.58	0.346	0.01	21.66	23.00	1.361	0.471	22.4
Ant 1 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	40620/2593	1:1.58	0.305	0.13	22.71	24.00	1.346	0.411	22.4
Left tilted	20	QPSK 1_0	40620/2593	1:1.58	0.154	-0.04	22.71	24.00	1.346	0.207	22.4
Right cheek	20	QPSK 1_0	40620/2593	1:1.58	0.579	0.01	22.71	24.00	1.346	0.779	22.4
Right cheek-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.375	0.16	22.71	24.00	1.346	0.505	22.4
Right cheek	20	QPSK 1_0	39750/2506	1:1.58	0.559	0.00	22.63	24.00	1.371	0.766	22.4
Right cheek	20	QPSK 1_0	40185/2549.5	1:1.58	0.552	-0.03	22.58	24.00	1.387	0.766	22.4
Right cheek	20	QPSK 1_0	41055/2636.5	1:1.58	0.546	-0.04	22.63	24.00	1.371	0.749	22.4
Right cheek	20	QPSK 1_0	41490/2680	1:1.58	0.553	0.05	22.57	24.00	1.390	0.769	22.4
Right tilted	20	QPSK 1_0	40620/2593	1:1.58	0.133	0.12	22.71	24.00	1.346	0.179	22.4
Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	40620/2593	1:1.58	0.238	0.10	21.62	23.00	1.374	0.327	22.4
Left tilted	20	QPSK 50_0	40620/2593	1:1.58	0.112	-0.13	21.62	23.00	1.374	0.154	22.4
Right cheek	20	QPSK 50_0	40620/2593	1:1.58	0.456	-0.08	21.62	23.00	1.374	0.627	22.4
Right cheek	20	QPSK 50_0	39750/2506	1:1.58	0.437	0.12	21.53	23.00	1.403	0.613	22.4
Right cheek	20	QPSK 50_0	40185/2549.5	1:1.58	0.432	0.08	21.60	23.00	1.380	0.596	22.4
Right cheek	20	QPSK 50_0	41055/2636.5	1:1.58	0.428	0.00	21.62	23.00	1.374	0.588	22.4
Right cheek	20	QPSK 50_0	41490/2680	1:1.58	0.419	-0.10	21.54	23.00	1.400	0.587	22.4
Right tilted	20	QPSK 50_0	40620/2593	1:1.58	0.104	0.08	21.62	23.00	1.374	0.143	22.4
Head Test Data (100%RB)											
Right cheek	20	QPSK 100_0	40620/2593	1:1.58	0.407	-0.01	21.59	23.00	1.384	0.563	22.4
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.864	-0.12	22.71	24.00	1.346	1.163	22.4
Front side-	20	QPSK 1_0	40620/2593	1:1.58	0.861	0.15	22.71	24.00	1.346	1.159	22.4

Repeat SAR											
Front side-PC2-Sensor on	20	QPSK 1_0	40620/2593	1:2.33	0.588	0.13	22.71	24.00	1.346	0.791	22.4
Front side	20	QPSK 1_0	39750/2506	1:1.58	0.826	0.04	22.63	24.00	1.371	1.132	22.4
Front side	20	QPSK 1_0	40185/2549.5	1:1.58	0.814	0.18	22.58	24.00	1.387	1.129	22.4
Front side	20	QPSK 1_0	41055/2636.5	1:1.58	0.808	0.14	22.63	24.00	1.371	1.108	22.4
Front side	20	QPSK 1_0	41490/2680	1:1.58	0.813	-0.09	22.57	24.00	1.390	1.130	22.4
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.546	0.07	22.71	24.00	1.346	0.735	22.4
Back side	20	QPSK 1_0	39750/2506	1:1.58	0.529	0.19	22.63	24.00	1.371	0.725	22.4
Back side	20	QPSK 1_0	40185/2549.5	1:1.58	0.531	-0.13	22.58	24.00	1.387	0.736	22.4
Back side	20	QPSK 1_0	41055/2636.5	1:1.58	0.528	-0.03	22.63	24.00	1.371	0.724	22.4
Back side	20	QPSK 1_0	41490/2680	1:1.58	0.533	0.01	22.57	24.00	1.390	0.741	22.4
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.663	-0.09	21.62	23.00	1.374	0.911	22.4
Front side	20	QPSK 50_0	39750/2506	1:1.58	0.647	-0.12	21.53	23.00	1.403	0.908	22.4
Front side	20	QPSK 50_0	40185/2549.5	1:1.58	0.633	0.09	21.60	23.00	1.380	0.874	22.4
Front side	20	QPSK 50_0	41055/2636.5	1:1.58	0.650	0.13	21.62	23.00	1.374	0.893	22.4
Front side	20	QPSK 50_0	41490/2680	1:1.58	0.647	-0.17	21.54	23.00	1.400	0.906	22.4
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.427	0.12	21.62	23.00	1.374	0.587	22.4
Body worn Test data (Separate 5mm 100%RB)											
Front side	20	QPSK 100_0	40620/2593	1:1.58	0.618	0.17	21.59	23.00	1.384	0.855	22.4
Sensor off Body worn Test data 1RB											
Front side-PC2-21mm	20	QPSK 1_0	40620/2593	1:1.58	0.473	0.07	25.99	27.00	1.262	0.597	22.4
Back side-PC2-18mm	20	QPSK 1_0	40620/2593	1:1.58	0.362	-0.03	25.99	27.00	1.262	0.457	22.4
Sensor off Body worn Test data 50%RB											
Front side-PC2-21mm	20	QPSK 50_0	40620/2593	1:1.58	0.421	0.05	24.51	26.00	1.409	0.593	22.4
Back side-PC2-18mm	20	QPSK 50_0	40620/2593	1:1.58	0.325	0.01	24.51	26.00	1.409	0.458	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	40620/2593	1:1.58	0.409	-0.18	22.71	24.00	1.346	0.551	22.4
Back side	20	QPSK 1_0	40620/2593	1:1.58	0.388	0.10	22.71	24.00	1.346	0.522	22.4
Left side	20	QPSK 1_0	40620/2593	1:1.58	0.087	0.00	22.71	24.00	1.346	0.117	22.4
Right side	20	QPSK 1_0	40620/2593	1:1.58	0.497	-0.16	22.71	24.00	1.346	0.669	22.4
Right side-PC2	20	QPSK 1_0	40620/2593	1:2.33	0.355	0.15	22.71	24.00	1.346	0.478	22.4
Right side	20	QPSK 1_0	39750/2506	1:1.58	0.455	0.02	22.63	24.00	1.371	0.624	22.4
Right side	20	QPSK 1_0	40185/2549.5	1:1.58	0.476	-0.16	22.58	24.00	1.387	0.660	22.4
Right side	20	QPSK 1_0	41055/2636.5	1:1.58	0.483	-0.08	22.63	24.00	1.371	0.662	22.4
Right side	20	QPSK 1_0	41490/2680	1:1.58	0.466	-0.16	22.57	24.00	1.390	0.648	22.4
Bottom side	20	QPSK 1_0	40620/2593	1:1.58	0.402	-0.05	22.71	24.00	1.346	0.541	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	40620/2593	1:1.58	0.316	0.18	21.62	23.00	1.374	0.434	22.4
Back side	20	QPSK 50_0	40620/2593	1:1.58	0.295	0.08	21.62	23.00	1.374	0.405	22.4
Left side	20	QPSK 50_0	40620/2593	1:1.58	0.063	0.10	21.62	23.00	1.374	0.087	22.4
Right side	20	QPSK 50_0	40620/2593	1:1.58	0.476	-0.10	21.62	23.00	1.374	0.654	22.4
Right side	20	QPSK 50_0	39750/2506	1:1.58	0.458	-0.14	21.53	23.00	1.403	0.643	22.4
Right side	20	QPSK 50_0	40185/2549.5	1:1.58	0.467	-0.10	21.60	23.00	1.380	0.644	22.4
Right side	20	QPSK 50_0	41055/2636.5	1:1.58	0.453	0.04	21.62	23.00	1.374	0.622	22.4
Right side	20	QPSK 50_0	41490/2680	1:1.58	0.449	0.16	21.54	23.00	1.400	0.629	22.4
Bottom side	20	QPSK 50_0	40620/2593	1:1.58	0.334	-0.11	21.62	23.00	1.374	0.459	22.4
Hotspot Test data (Separate 10mm 100%RB)											
Right side	20	QPSK 100_0	40620/2593	1:1.58	0.428	-0.06	21.59	23.00	1.384	0.592	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	40620/2593	0.810	0.807	1.004	N/A	N/A
Front side-5mm	40620/2593	0.864	0.861	1.003	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).



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3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.

8.3.12 SAR Result of LTE Band 42

LTE Band 42 SAR Test Record											
Ant 2 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	42590/3500	1:1.58	0.751	0.02	18.42	20.00	1.439	1.081	22.5
Left cheek	20	QPSK 1_0	41690/3410	1:1.58	0.725	-0.13	18.34	20.00	1.466	1.063	22.5
Left cheek	20	QPSK 1_0	43490/3590	1:1.58	0.716	0.09	18.25	20.00	1.496	1.071	22.5
Left tilted	20	QPSK 1_0	42590/3500	1:1.58	0.115	-0.02	18.42	20.00	1.439	0.165	22.5
Right cheek	20	QPSK 1_0	42590/3500	1:1.58	0.308	0.11	18.42	20.00	1.439	0.443	22.5
Right tilted	20	QPSK 1_0	42590/3500	1:1.58	0.098	0.07	18.42	20.00	1.439	0.141	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	42590/3500	1:1.58	0.620	0.05	18.27	20.00	1.489	0.923	22.5
Left cheek	20	QPSK 50_0	41690/3410	1:1.58	0.597	0.17	18.25	20.00	1.496	0.893	22.5
Left cheek	20	QPSK 50_0	43490/3590	1:1.58	0.603	0.01	18.22	20.00	1.507	0.909	22.5
Left tilted	20	QPSK 50_0	42590/3500	1:1.58	0.125	-0.10	18.27	20.00	1.489	0.186	22.5
Right cheek	20	QPSK 50_0	42590/3500	1:1.58	0.256	0.00	18.27	20.00	1.489	0.381	22.5
Right tilted	20	QPSK 50_0	42590/3500	1:1.58	0.086	-0.03	18.27	20.00	1.489	0.128	22.5
Receiver on Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	42590/3500	1:1.58	0.588	0.17	18.26	20.00	1.493	0.878	22.5
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	42590/3500	1:1.58	0.377	-0.06	16.88	18.00	1.294	0.488	22.5
Back side	20	QPSK 1_0	42590/3500	1:1.58	0.424	0.09	16.88	18.00	1.294	0.549	22.5
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	42590/3500	1:1.58	0.306	-0.07	16.78	18.00	1.324	0.405	22.5
Back side	20	QPSK 50_0	42590/3500	1:1.58	0.327	-0.01	16.78	18.00	1.324	0.433	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	42590/3500	1:1.58	0.135	0.16	16.88	18.00	1.294	0.175	22.5
Back side	20	QPSK 1_0	42590/3500	1:1.58	0.141	0.04	16.88	18.00	1.294	0.182	22.5
Left side	20	QPSK 1_0	42590/3500	1:1.58	0.822	0.08	16.88	18.00	1.294	1.064	22.5
Left side-Repeat SAR	20	QPSK 1_0	42590/3500	1:1.58	0.820	0.01	16.88	18.00	1.294	1.061	22.5
Left side	20	QPSK 1_0	41690/3410	1:1.58	0.802	0.04	16.83	18.00	1.309	1.050	22.5
Left side	20	QPSK 1_0	43490/3590	1:1.58	0.783	0.11	16.77	18.00	1.327	1.039	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	42590/3500	1:1.58	0.122	-0.17	16.78	18.00	1.324	0.162	22.5
Back side	20	QPSK 50_0	42590/3500	1:1.58	0.115	-0.10	16.78	18.00	1.324	0.152	22.5
Left side	20	QPSK 50_0	42590/3500	1:1.58	0.682	0.18	16.78	18.00	1.324	0.903	22.5
Left side	20	QPSK 50_0	41690/3410	1:1.58	0.657	0.17	16.75	18.00	1.334	0.876	22.5
Left side	20	QPSK 50_0	43490/3590	1:1.58	0.642	0.05	16.68	18.00	1.355	0.870	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	20	QPSK 100_0	42590/3500	1:1.58	0.635	-0.03	16.73	18.00	1.340	0.851	22.5
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)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	42590/3500	1:1.58	0.510	-0.17	19.86	21.00	1.300	0.663	22.5
Left tilted	20	QPSK 1_0	42590/3500	1:1.58	0.390	-0.08	19.86	21.00	1.300	0.507	22.5
Right cheek	20	QPSK 1_0	42590/3500	1:1.58	0.881	0.07	19.86	21.00	1.300	1.145	22.5
Right cheek-Repeat SAR	20	QPSK 1_0	42590/3500	1:1.58	0.877	0.13	19.86	21.00	1.300	1.140	22.5

Right cheek	20	QPSK 1_0	41690/3410	1:1.58	0.831	-0.16	19.68	21.00	1.355	1.126	22.5
Right cheek	20	QPSK 1_0	43490/3590	1:1.58	0.835	0.08	19.75	21.00	1.334	1.114	22.5
Right tilted	20	QPSK 1_0	42590/3500	1:1.58	0.585	-0.01	19.86	21.00	1.300	0.761	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	42590/3500	1:1.58	0.372	0.09	19.75	21.00	1.334	0.496	22.5
Left tilted	20	QPSK 50_0	42590/3500	1:1.58	0.425	0.17	19.75	21.00	1.334	0.567	22.5
Right cheek	20	QPSK 50_0	42590/3500	1:1.58	0.695	0.18	19.75	21.00	1.334	0.927	22.5
Right cheek	20	QPSK 50_0	41690/3410	1:1.58	0.647	-0.06	19.74	21.00	1.337	0.865	22.5
Right cheek	20	QPSK 50_0	43490/3590	1:1.58	0.633	0.04	19.68	21.00	1.355	0.858	22.5
Right tilted	20	QPSK 50_0	42590/3500	1:1.58	0.479	0.03	19.75	21.00	1.334	0.639	22.5
Receiver on Head Test Data (100%RB)											
Right cheek	20	QPSK 100_0	42590/3500	1:1.58	0.647	0.01	19.79	21.00	1.321	0.855	22.5
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	42590/3500	1:1.58	0.426	0.09	19.86	21.00	1.300	0.554	22.5
Back side	20	QPSK 1_0	42590/3500	1:1.58	0.476	0.02	19.86	21.00	1.300	0.619	22.5
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	42590/3500	1:1.58	0.377	-0.08	19.75	21.00	1.334	0.503	22.5
Back side	20	QPSK 50_0	42590/3500	1:1.58	0.369	-0.10	19.75	21.00	1.334	0.492	22.5
Sensor off Body worn Test data 1RB											
Front side-12mm	20	QPSK 1_0	42590/3500	1:1.58	0.102	-0.10	23.41	25.00	1.442	0.147	22.5
Back side-15mm	20	QPSK 1_0	42590/3500	1:1.58	0.078	-0.12	23.41	25.00	1.442	0.112	22.5
Sensor off Body worn Test data 50RB											
Front side-12mm	20	QPSK 50_0	42590/3500	1:1.58	0.076	0.04	22.30	24.00	1.479	0.112	22.5
Back side-15mm	20	QPSK 50_0	42590/3500	1:1.58	0.043	0.18	22.30	24.00	1.479	0.064	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	42590/3500	1:1.58	0.117	-0.05	19.86	21.00	1.300	0.152	22.5
Back side	20	QPSK 1_0	42590/3500	1:1.58	0.102	0.19	19.86	21.00	1.300	0.133	22.5
Left side	20	QPSK 1_0	42590/3500	1:1.58	0.790	0.01	19.86	21.00	1.300	1.027	22.5
Left side	20	QPSK 1_0	41690/3410	1:1.58	0.756	-0.05	19.68	21.00	1.355	1.024	22.5
Left side	20	QPSK 1_0	43490/3590	1:1.58	0.763	0.06	19.75	21.00	1.334	1.018	22.5
Top side	20	QPSK 1_0	42590/3500	1:1.58	0.049	0.07	19.86	21.00	1.300	0.064	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	42590/3500	1:1.58	0.091	-0.10	19.75	21.00	1.334	0.121	22.5
Back side	20	QPSK 50_0	42590/3500	1:1.58	0.080	0.14	19.75	21.00	1.334	0.107	22.5
Left side	20	QPSK 50_0	42590/3500	1:1.58	0.597	0.07	19.75	21.00	1.334	0.796	22.5
Top side	20	QPSK 50_0	42590/3500	1:1.58	0.041	0.06	19.75	21.00	1.334	0.055	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	20	QPSK 100_0	42590/3500	1:1.58	0.553	0.12	19.79	21.00	1.321	0.731	22.5

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Right cheek	42590/3500	0.910	0.907	1.003	N/A	N/A
Left side-10mm	42590/3500	0.822	0.820	1.002	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.

8.3.13 SAR Result of LTE Band 43

LTE Band 43 SAR Test Record											
Ant 2 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	44590/3700	1:1.58	0.686	0.09	17.89	19.50	1.449	0.994	22.5
Left cheek	20	QPSK 1_0	43690/3610	1:1.58	0.658	0.14	17.86	19.50	1.459	0.960	22.5
Left cheek	20	QPSK 1_0	45490/3790	1:1.58	0.667	0.08	17.77	19.50	1.489	0.993	22.5
Left tilted	20	QPSK 1_0	44590/3700	1:1.58	0.507	-0.03	17.89	19.50	1.449	0.735	22.5
Right cheek	20	QPSK 1_0	44590/3700	1:1.58	0.382	-0.11	17.89	19.50	1.449	0.554	22.5
Right tilted	20	QPSK 1_0	44590/3700	1:1.58	0.330	-0.06	17.89	19.50	1.449	0.478	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	44590/3700	1:1.58	0.597	-0.11	17.74	19.50	1.500	0.896	22.5
Left cheek	20	QPSK 50_0	43690/3610	1:1.58	0.568	-0.15	17.70	19.50	1.514	0.860	22.5
Left cheek	20	QPSK 50_0	45490/3790	1:1.58	0.573	-0.17	17.81	19.50	1.476	0.846	22.5
Left tilted	20	QPSK 50_0	44590/3700	1:1.58	0.445	0.01	17.74	19.50	1.500	0.668	22.5
Right cheek	20	QPSK 50_0	44590/3700	1:1.58	0.322	0.11	17.74	19.50	1.500	0.483	22.5
Right tilted	20	QPSK 50_0	44590/3700	1:1.58	0.284	-0.19	17.74	19.50	1.500	0.426	22.5
Receiver on Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	44590/3700	1:1.58	0.543	0.02	17.84	19.50	1.466	0.796	22.5
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	44590/3700	1:1.58	0.491	0.01	17.30	18.50	1.318	0.647	22.5
Back side	20	QPSK 1_0	44590/3700	1:1.58	0.479	-0.17	17.30	18.50	1.318	0.631	22.5
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	44590/3700	1:1.58	0.437	-0.14	17.26	18.50	1.330	0.581	22.5
Back side	20	QPSK 50_0	44590/3700	1:1.58	0.419	0.10	17.26	18.50	1.330	0.557	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	44590/3700	1:1.58	0.291	-0.06	17.30	18.50	1.318	0.384	22.5
Back side	20	QPSK 1_0	44590/3700	1:1.58	0.200	-0.18	17.30	18.50	1.318	0.264	22.5
Left side	20	QPSK 1_0	44590/3700	1:1.58	0.888	0.03	17.30	18.50	1.318	1.170	22.5
Left side-Repeat SAR	20	QPSK 1_0	44590/3700	1:1.58	0.883	-0.12	17.30	18.50	1.318	1.164	22.5
Left side	20	QPSK 1_0	43690/3610	1:1.58	0.863	0.00	17.22	18.50	1.343	1.159	22.5
Left side	20	QPSK 1_0	45490/3790	1:1.58	0.847	-0.08	17.15	18.50	1.365	1.156	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	44590/3700	1:1.58	0.244	0.12	17.26	18.50	1.330	0.325	22.5
Back side	20	QPSK 50_0	44590/3700	1:1.58	0.176	-0.11	17.26	18.50	1.330	0.234	22.5
Left side	20	QPSK 50_0	44590/3700	1:1.58	0.814	0.02	17.26	18.50	1.330	1.083	22.5
Left side	20	QPSK 50_0	43690/3610	1:1.58	0.763	0.10	17.10	18.50	1.380	1.053	22.5
Left side	20	QPSK 50_0	45490/3790	1:1.58	0.772	0.15	17.21	18.50	1.346	1.039	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	20	QPSK 100_0	44590/3700	1:1.58	0.773	-0.08	17.20	18.50	1.349	1.043	22.5
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)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	44590/3700	1:1.58	0.353	-0.11	18.97	20.00	1.268	0.448	22.5
Left tilted	20	QPSK 1_0	44590/3700	1:1.58	0.145	0.08	18.97	20.00	1.268	0.184	22.5
Right cheek	20	QPSK 1_0	44590/3700	1:1.58	0.881	0.19	18.97	20.00	1.268	1.117	22.5
Right cheek-Repeat SAR	20	QPSK 1_0	44590/3700	1:1.58	0.880	0.03	18.97	20.00	1.268	1.116	22.5
Right cheek	20	QPSK 1_0	43690/3610	1:1.58	0.837	0.14	18.81	20.00	1.315	1.101	22.5

Right cheek	20	QPSK 1_0	45490/3790	1:1.58	0.828	-0.01	18.78	20.00	1.324	1.096	22.5
Right tilted	20	QPSK 1_0	44590/3700	1:1.58	0.195	-0.09	18.97	20.00	1.268	0.247	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	44590/3700	1:1.58	0.299	0.07	18.78	20.00	1.324	0.396	22.5
Left tilted	20	QPSK 50_0	44590/3700	1:1.58	0.129	0.18	18.78	20.00	1.324	0.171	22.5
Right cheek	20	QPSK 50_0	44590/3700	1:1.58	0.741	-0.19	18.78	20.00	1.324	0.981	22.5
Right cheek	20	QPSK 50_0	43690/3610	1:1.58	0.711	0.10	18.73	20.00	1.340	0.953	22.5
Right cheek	20	QPSK 50_0	45490/3790	1:1.58	0.703	0.01	18.78	20.00	1.324	0.931	22.5
Right tilted	20	QPSK 50_0	44590/3700	1:1.58	0.168	-0.13	18.78	20.00	1.324	0.222	22.5
Receiver on Head Test Data (100%RB)											
Right cheek	20	QPSK 100_0	44590/3700	1:1.58	0.702	0.07	18.80	20.00	1.318	0.925	22.5
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	44590/3700	1:1.58	0.371	0.09	17.92	19.00	1.282	0.476	22.5
Back side	20	QPSK 1_0	44590/3700	1:1.58	0.353	-0.09	17.92	19.00	1.282	0.453	22.5
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	44590/3700	1:1.58	0.321	-0.05	17.74	19.00	1.337	0.429	22.5
Back side	20	QPSK 50_0	44590/3700	1:1.58	0.294	-0.12	17.74	19.00	1.337	0.393	22.5
Sensor off Body worn Test data 1RB											
Front side-12mm	20	QPSK 1_0	44590/3700	1:1.58	0.255	-0.09	24.56	26.00	1.393	0.355	22.5
Back side-15mm	20	QPSK 1_0	44590/3700	1:1.58	0.207	0.18	24.56	26.00	1.393	0.288	22.5
Sensor off Body worn Test data 50RB											
Front side-12mm	20	QPSK 50_0	44590/3700	1:1.58	0.203	0.08	23.51	25.00	1.409	0.286	22.5
Back side-15mm	20	QPSK 50_0	44590/3700	1:1.58	0.166	-0.18	23.51	25.00	1.409	0.234	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	44590/3700	1:1.58	0.274	-0.14	17.92	19.00	1.282	0.351	22.5
Back side	20	QPSK 1_0	44590/3700	1:1.58	0.241	-0.06	17.92	19.00	1.282	0.309	22.5
Left side	20	QPSK 1_0	44590/3700	1:1.58	0.800	0.01	17.92	19.00	1.282	1.026	22.5
Left side	20	QPSK 1_0	43690/3610	1:1.58	0.693	-0.02	17.84	19.00	1.306	0.905	22.5
Left side	20	QPSK 1_0	45490/3790	1:1.58	0.705	0.10	17.81	19.00	1.315	0.927	22.5
Top side	20	QPSK 1_0	44590/3700	1:1.58	0.039	-0.04	17.92	19.00	1.282	0.050	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	44590/3700	1:1.58	0.210	0.00	17.74	19.00	1.337	0.281	22.5
Back side	20	QPSK 50_0	44590/3700	1:1.58	0.214	0.18	17.74	19.00	1.337	0.286	22.5
Left side	20	QPSK 50_0	44590/3700	1:1.58	0.714	0.01	17.74	19.00	1.337	0.955	22.5
Left side	20	QPSK 50_0	43690/3610	1:1.58	0.659	0.08	17.71	19.00	1.346	0.887	22.5
Left side	20	QPSK 50_0	45490/3790	1:1.58	0.636	0.01	17.77	19.00	1.327	0.844	22.5
Top side	20	QPSK 50_0	44590/3700	1:1.58	0.030	-0.16	17.74	19.00	1.337	0.040	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	20	QPSK 100_0	44590/3700	1:1.58	0.689	-0.08	17.78	19.00	1.324	0.912	22.5

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Right cheek	44590/3700	0.881	0.880	1.001	N/A	N/A
Left side-10mm	44590/3700	0.888	0.883	1.006	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.

8.3.14 SAR Result of LTE Band 48

LTE Band 48 SAR Test Record											
Ant 2 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	55990/3625	1:1.58	0.768	0.07	17.60	19.00	1.380	1.060	22.5
Left cheek	20	QPSK 1_0	55340/3560	1:1.58	0.725	0.06	17.47	19.00	1.422	1.031	22.5
Left cheek	20	QPSK 1_0	56640/3690	1:1.58	0.733	0.19	17.51	19.00	1.409	1.033	22.5
Left tilted	20	QPSK 1_0	55990/3625	1:1.58	0.154	-0.08	17.60	19.00	1.380	0.213	22.5
Right cheek	20	QPSK 1_0	55990/3625	1:1.58	0.299	-0.04	17.60	19.00	1.380	0.413	22.5
Right tilted	20	QPSK 1_0	55990/3625	1:1.58	0.094	0.06	17.60	19.00	1.380	0.130	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	55990/3625	1:1.58	0.564	-0.12	17.52	19.00	1.406	0.793	22.5
Left tilted	20	QPSK 50_0	55990/3625	1:1.58	0.122	-0.09	17.52	19.00	1.406	0.172	22.5
Right cheek	20	QPSK 50_0	55990/3625	1:1.58	0.216	0.04	17.52	19.00	1.406	0.304	22.5
Right tilted	20	QPSK 50_0	55990/3625	1:1.58	0.067	0.19	17.52	19.00	1.406	0.094	22.5
Receiver on Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	55990/3625	1:1.58	0.533	-0.02	17.47	19.00	1.422	0.758	22.5
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.341	0.09	15.85	17.00	1.303	0.444	22.5
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.340	0.13	15.85	17.00	1.303	0.443	22.5
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.273	0.09	15.81	17.00	1.315	0.359	22.5
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.268	0.19	15.81	17.00	1.315	0.352	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.230	-0.07	15.85	17.00	1.303	0.300	22.5
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.225	-0.01	15.85	17.00	1.303	0.293	22.5
Left side	20	QPSK 1_0	55990/3625	1:1.58	0.813	0.06	15.85	17.00	1.303	1.059	22.5
Left side-Repeat SAR	20	QPSK 1_0	55990/3625	1:1.58	0.807	0.12	15.85	17.00	1.303	1.052	22.5
Left side	20	QPSK 1_0	55340/3560	1:1.58	0.776	-0.01	15.70	17.00	1.349	1.047	22.5
Left side	20	QPSK 1_0	56640/3690	1:1.58	0.763	-0.10	15.80	17.00	1.318	1.006	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.186	0.18	15.81	17.00	1.315	0.245	22.5
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.180	0.18	15.81	17.00	1.315	0.237	22.5
Left side	20	QPSK 50_0	55990/3625	1:1.58	0.651	0.08	15.81	17.00	1.315	0.856	22.5
Left side	20	QPSK 50_0	55340/3560	1:1.58	0.628	-0.04	15.74	17.00	1.337	0.840	22.5
Left side	20	QPSK 50_0	56640/3690	1:1.58	0.631	-0.17	15.75	17.00	1.334	0.842	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	20	QPSK 100_0	55990/3625	1:1.58	0.608	-0.02	15.75	17.00	1.334	0.811	22.5
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)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	55990/3625	1:1.58	0.371	-0.04	17.82	19.00	1.312	0.487	22.5
Left tilted	20	QPSK 1_0	55990/3625	1:1.58	0.334	-0.06	17.82	19.00	1.312	0.438	22.5
Right cheek	20	QPSK 1_0	55990/3625	1:1.58	0.869	0.06	17.82	19.00	1.312	1.140	22.5
Right cheek-Repeat SAR	20	QPSK 1_0	55990/3625	1:1.58	0.866	0.05	17.82	19.00	1.312	1.136	22.5
Right cheek	20	QPSK 1_0	55340/3560	1:1.58	0.843	-0.15	17.71	19.00	1.346	1.135	22.5
Right cheek	20	QPSK 1_0	56640/3690	1:1.58	0.836	-0.19	17.73	19.00	1.340	1.120	22.5
Right tilted	20	QPSK 1_0	55990/3625	1:1.58	0.677	0.01	17.82	19.00	1.312	0.888	22.5
Right tilted	20	QPSK 1_0	55340/3560	1:1.58	0.641	-0.08	17.71	19.00	1.346	0.863	22.5
Right tilted	20	QPSK 1_0	56640/3690	1:1.58	0.628	-0.02	17.73	19.00	1.340	0.842	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	55990/3625	1:1.58	0.320	0.12	17.80	19.00	1.318	0.422	22.5
Left tilted	20	QPSK 50_0	55990/3625	1:1.58	0.272	0.15	17.80	19.00	1.318	0.358	22.5

Right cheek	20	QPSK 50_0	55990/3625	1:1.58	0.741	-0.06	17.80	19.00	1.318	0.977	22.5
Right cheek	20	QPSK 50_0	55340/3560	1:1.58	0.722	-0.03	17.78	19.00	1.324	0.956	22.5
Right cheek	20	QPSK 50_0	56640/3690	1:1.58	0.716	0.14	17.73	19.00	1.340	0.959	22.5
Right tilted	20	QPSK 50_0	55990/3625	1:1.58	0.550	0.11	17.80	19.00	1.318	0.725	22.5
Receiver on Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	55990/3625	1:1.58	0.716	-0.10	17.73	19.00	1.340	0.959	22.5
Left tilted	20	QPSK 100_0	55990/3625	1:1.58	0.525	-0.06	17.73	19.00	1.340	0.704	22.5
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.401	0.09	17.42	18.50	1.282	0.514	22.5
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.325	0.12	17.42	18.50	1.282	0.417	22.5
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.318	-0.01	17.35	18.50	1.303	0.414	22.5
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.251	0.11	17.35	18.50	1.303	0.327	22.5
Sensor off Body worn Test data 1RB											
Front side-12mm	20	QPSK 1_0	55990/3625	1:1.58	0.166	0.10	23.57	25.00	1.390	0.231	22.5
Back side-15mm	20	QPSK 1_0	55990/3625	1:1.58	0.127	0.08	23.57	25.00	1.390	0.177	22.5
Sensor off Body worn Test data 50RB											
Front side-12mm	20	QPSK 50_0	55990/3625	1:1.58	0.123	0.18	22.50	24.00	1.413	0.174	22.5
Back side-15mm	20	QPSK 50_0	55990/3625	1:1.58	0.100	-0.12	22.50	24.00	1.413	0.141	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	55990/3625	1:1.58	0.140	-0.17	17.42	18.50	1.282	0.179	22.5
Back side	20	QPSK 1_0	55990/3625	1:1.58	0.113	0.13	17.42	18.50	1.282	0.145	22.5
Left side	20	QPSK 1_0	55990/3625	1:1.58	0.755	0.09	17.42	18.50	1.282	0.968	22.5
Left side	20	QPSK 1_0	55340/3560	1:1.58	0.733	0.14	17.20	18.50	1.349	0.989	22.5
Left side	20	QPSK 1_0	56640/3690	1:1.58	0.721	-0.11	17.26	18.50	1.330	0.959	22.5
Top side	20	QPSK 1_0	55990/3625	1:1.58	0.065	-0.06	17.42	18.50	1.282	0.083	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	55990/3625	1:1.58	0.115	-0.16	17.35	18.50	1.303	0.150	22.5
Back side	20	QPSK 50_0	55990/3625	1:1.58	0.091	0.13	17.35	18.50	1.303	0.119	22.5
Left side	20	QPSK 50_0	55990/3625	1:1.58	0.678	-0.08	17.35	18.50	1.303	0.883	22.5
Left side	20	QPSK 50_0	55340/3560	1:1.58	0.657	0.18	17.26	18.50	1.330	0.874	22.5
Left side	20	QPSK 50_0	56640/3690	1:1.58	0.639	-0.07	17.31	18.50	1.315	0.840	22.5
Top side	20	QPSK 50_0	55990/3625	1:1.58	0.052	0.07	17.35	18.50	1.303	0.068	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	20	QPSK 100_0	55990/3625	1:1.58	0.617	-0.13	17.29	18.50	1.321	0.815	22.5

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Right cheek	55990/3625	0.876	0.873	1.003	N/A	N/A
Left side-10mm	55990/3625	0.813	0.807	1.007	N/A	N/A

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

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

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

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

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

8.3.15 SAR Result of 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)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.861	-0.11	21.74	23.00	1.337	1.151	22.4
Left cheek-Repeat SAR	20	QPSK 1_0	132322/1745	1:1	0.858	0.18	21.74	23.00	1.337	1.147	22.4
Left cheek	20	QPSK 1_0	132072/1720	1:1	0.815	-0.13	21.53	23.00	1.403	1.143	22.4
Left cheek	20	QPSK 1_0	132572/1770	1:1	0.829	-0.14	21.60	23.00	1.380	1.144	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.596	0.09	21.74	23.00	1.337	0.797	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.528	-0.02	21.74	23.00	1.337	0.706	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.458	0.15	21.74	23.00	1.337	0.612	22.4
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.674	0.04	21.66	23.00	1.361	0.917	22.4
Left cheek	20	QPSK 50_0	132072/1720	1:1	0.643	-0.13	21.55	23.00	1.396	0.898	22.4
Left cheek	20	QPSK 50_0	132572/1770	1:1	0.630	-0.19	21.62	23.00	1.374	0.866	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.466	-0.17	21.66	23.00	1.361	0.634	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.422	-0.06	21.66	23.00	1.361	0.574	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.356	0.19	21.66	23.00	1.361	0.485	22.4
Receiver on Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	132322/1745	1:1	0.640	0.02	21.65	23.00	1.365	0.874	22.4
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.861	-0.11	21.74	20.00	0.670	0.577	22.4
Left cheek	20	QPSK 1_0	132072/1720	1:1	0.815	-0.13	21.53	20.00	0.703	0.573	22.4
Left cheek	20	QPSK 1_0	132572/1770	1:1	0.829	-0.14	21.60	20.00	0.692	0.574	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.596	0.09	21.74	20.00	0.670	0.399	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.528	-0.02	21.74	20.00	0.670	0.354	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.458	0.15	21.74	20.00	0.670	0.307	22.4
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.674	0.04	21.66	20.00	0.682	0.460	22.4
Left cheek	20	QPSK 50_0	132072/1720	1:1	0.643	-0.13	21.55	20.00	0.700	0.450	22.4
Left cheek	20	QPSK 50_0	132572/1770	1:1	0.630	-0.19	21.62	20.00	0.689	0.434	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.466	-0.17	21.66	20.00	0.682	0.318	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.422	-0.06	21.66	20.00	0.682	0.288	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.356	0.19	21.66	20.00	0.682	0.243	22.4
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	20	QPSK 100_0	132322/1745	1:1	0.640	0.02	21.65	20.00	0.684	0.438	22.4
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	132322/1745	1:1	0.789	0.10	23.70	25.00	1.349	1.064	22.4
Front side	20	QPSK 1_0	132072/1720	1:1	0.736	0.11	23.60	25.00	1.380	1.016	22.4
Front side	20	QPSK 1_0	132572/1770	1:1	0.722	0.17	23.68	25.00	1.355	0.978	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.640	0.16	23.70	25.00	1.349	0.863	22.4
Back side	20	QPSK 1_0	132072/1720	1:1	0.611	0.14	23.60	25.00	1.380	0.843	22.4
Back side	20	QPSK 1_0	132572/1770	1:1	0.602	-0.06	23.68	25.00	1.355	0.816	22.4
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	132322/1745	1:1	0.623	-0.13	22.68	24.00	1.355	0.844	22.4
Back side	20	QPSK 50_0	132072/1720	1:1	0.597	-0.03	22.67	24.00	1.358	0.811	22.4
Back side	20	QPSK 50_0	132572/1770	1:1	0.589	-0.14	22.64	24.00	1.368	0.806	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.542	0.12	22.68	24.00	1.355	0.734	22.4

Body worn Test data (Separate 5mm 100%RB)											
Front side	20	QPSK 100_0	132322/1745	1:1	0.602	0.17	22.65	24.00	1.365	0.822	22.4
Back side	20	QPSK 100_0	132322/1745	1:1	0.577	0.02	22.65	24.00	1.365	0.788	22.4
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	20	QPSK 1_0	132322/1745	1:1	0.789	0.10	23.70	22.50	0.759	0.599	22.4
Front side	20	QPSK 1_0	132072/1720	1:1	0.736	0.11	23.60	22.50	0.776	0.571	22.4
Front side	20	QPSK 1_0	132572/1770	1:1	0.722	0.17	23.68	22.50	0.762	0.550	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.640	0.16	23.70	22.50	0.759	0.486	22.4
Back side	20	QPSK 1_0	132072/1720	1:1	0.611	0.14	23.60	22.50	0.776	0.474	22.4
Back side	20	QPSK 1_0	132572/1770	1:1	0.602	-0.06	23.68	22.50	0.762	0.459	22.4
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	20	QPSK 50_0	132322/1745	1:1	0.623	-0.13	22.68	22.50	0.959	0.597	22.4
Back side	20	QPSK 50_0	132072/1720	1:1	0.597	-0.03	22.67	22.50	0.962	0.574	22.4
Back side	20	QPSK 50_0	132572/1770	1:1	0.589	-0.14	22.64	22.50	0.968	0.570	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.542	0.12	22.68	22.50	0.959	0.520	22.4
Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	20	QPSK 100_0	132322/1745	1:1	0.602	0.17	22.65	22.50	0.966	0.582	22.4
Back side	20	QPSK 100_0	132322/1745	1:1	0.577	0.02	22.65	22.50	0.966	0.557	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	132322/1745	1:1	0.269	0.05	23.70	25.00	1.349	0.363	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.362	-0.06	23.70	25.00	1.349	0.488	22.4
Left side	20	QPSK 1_0	132322/1745	1:1	0.085	-0.10	23.70	25.00	1.349	0.115	22.4
Right side	20	QPSK 1_0	132322/1745	1:1	0.327	-0.06	23.70	25.00	1.349	0.441	22.4
Top side	20	QPSK 1_0	132322/1745	1:1	0.117	-0.19	23.70	25.00	1.349	0.158	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	132322/1745	1:1	0.247	-0.18	22.68	24.00	1.355	0.335	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.321	-0.12	22.68	24.00	1.355	0.435	22.4
Left side	20	QPSK 50_0	132322/1745	1:1	0.058	0.02	22.68	24.00	1.355	0.079	22.4
Right side	20	QPSK 50_0	132322/1745	1:1	0.256	0.09	22.68	24.00	1.355	0.347	22.4
Top side	20	QPSK 50_0	132322/1745	1:1	0.085	-0.09	22.68	24.00	1.355	0.115	22.4
Ant 1 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.202	-0.06	23.61	25.00	1.377	0.278	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.053	-0.16	23.61	25.00	1.377	0.073	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.331	0.10	23.61	25.00	1.377	0.456	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.091	-0.04	23.61	25.00	1.377	0.125	22.4
Head Test Data (50%RB)											
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.151	0.02	22.51	24.00	1.409	0.213	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.000	-0.17	22.51	24.00	1.409	0.000	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.267	0.05	22.51	24.00	1.409	0.376	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.069	-0.07	22.51	24.00	1.409	0.097	22.4
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_0	132322/1745	1:1	0.858	0.04	23.24	24.50	1.337	1.147	22.4
Front side-Repeat SAR	20	QPSK 1_0	132322/1745	1:1	0.854	0.03	23.24	24.50	1.337	1.142	22.4
Front side	20	QPSK 1_0	132072/1720	1:1	0.816	-0.11	23.13	24.50	1.371	1.119	22.4
Front side	20	QPSK 1_0	132572/1770	1:1	0.805	-0.06	23.19	24.50	1.352	1.088	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.705	0.12	23.24	24.50	1.337	0.943	22.4
Back side	20	QPSK 1_0	132072/1720	1:1	0.676	0.10	23.13	24.50	1.371	0.927	22.4
Back side	20	QPSK 1_0	132572/1770	1:1	0.663	-0.15	23.19	24.50	1.352	0.896	22.4

Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_0	132322/1745	1:1	0.674	-0.19	22.75	24.00	1.334	0.899	22.4
Front side	20	QPSK 50_0	132072/1720	1:1	0.637	0.02	22.73	24.00	1.340	0.854	22.4
Front side	20	QPSK 50_0	132572/1770	1:1	0.647	-0.02	22.74	24.00	1.337	0.865	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.545	0.19	22.75	24.00	1.334	0.727	22.4
Sensor on Body worn Test data (Separate 5mm 100%RB)											
Front side	20	QPSK 100_0	132322/1745	1:1	0.634	0.19	22.83	24.00	1.309	0.830	22.4
Back side	20	QPSK 100_0	132322/1745	1:1	0.502	-0.01	22.83	24.00	1.309	0.657	22.4
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	20	QPSK 1_0	132322/1745	1:1	0.858	0.04	23.24	21.50	0.670	0.575	22.4
Front side	20	QPSK 1_0	132072/1720	1:1	0.816	-0.11	23.13	21.50	0.687	0.561	22.4
Front side	20	QPSK 1_0	132572/1770	1:1	0.805	-0.06	23.19	21.50	0.678	0.546	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.705	0.12	23.24	21.50	0.670	0.472	22.4
Back side	20	QPSK 1_0	132072/1720	1:1	0.676	0.10	23.13	21.50	0.687	0.464	22.4
Back side	20	QPSK 1_0	132572/1770	1:1	0.663	-0.15	23.19	21.50	0.678	0.450	22.4
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	20	QPSK 50_0	132322/1745	1:1	0.674	-0.19	22.75	21.50	0.750	0.506	22.4
Front side	20	QPSK 50_0	132072/1720	1:1	0.637	0.02	22.73	21.50	0.753	0.480	22.4
Front side	20	QPSK 50_0	132572/1770	1:1	0.647	-0.02	22.74	21.50	0.752	0.487	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.545	0.19	22.75	21.50	0.750	0.409	22.4
Sensor on Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	20	QPSK 100_0	132322/1745	1:1	0.634	0.19	22.83	21.50	0.736	0.467	22.4
Back side	20	QPSK 100_0	132322/1745	1:1	0.502	-0.01	22.83	21.50	0.736	0.369	22.4
Sensor off Body worn Test data 1RB											
Front side-21mm	20	QPSK 1_0	132322/1745	1:1	0.303	0.05	23.61	25.00	1.377	0.417	22.4
Back side-18mm	20	QPSK 1_0	132322/1745	1:1	0.278	-0.09	23.61	25.00	1.377	0.383	22.4
Sensor off Body worn Test data 50RB											
Front side-21mm	20	QPSK 50_0	132322/1745	1:1	0.257	0.12	22.51	24.00	1.409	0.362	22.4
Back side-18mm	20	QPSK 50_0	132322/1745	1:1	0.236	-0.13	22.51	24.00	1.409	0.333	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_0	132322/1745	1:1	0.575	0.12	23.24	24.50	1.337	0.769	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.484	-0.17	23.24	24.50	1.337	0.647	22.4
Left side	20	QPSK 1_0	132322/1745	1:1	0.043	0.09	23.24	24.50	1.337	0.057	22.4
Right side	20	QPSK 1_0	132322/1745	1:1	0.251	0.01	23.24	24.50	1.337	0.336	22.4
Bottom side	20	QPSK 1_0	132322/1745	1:1	0.781	0.01	23.24	24.50	1.337	1.044	22.4
Bottom side	20	QPSK 1_0	132072/1720	1:1	0.745	0.18	23.13	24.50	1.371	1.021	22.4
Bottom side	20	QPSK 1_0	132572/1770	1:1	0.753	0.04	23.19	24.50	1.352	1.018	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_0	132322/1745	1:1	0.420	0.11	22.75	24.00	1.334	0.560	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.365	0.01	22.75	24.00	1.334	0.487	22.4
Left side	20	QPSK 50_0	132322/1745	1:1	0.000	0.04	22.75	24.00	1.334	0.000	22.4
Right side	20	QPSK 50_0	132322/1745	1:1	0.184	-0.18	22.75	24.00	1.334	0.245	22.4
Bottom side	20	QPSK 50_0	132322/1745	1:1	0.603	0.06	22.75	24.00	1.334	0.804	22.4
Bottom side	20	QPSK 50_0	132072/1720	1:1	0.588	0.08	22.73	24.00	1.340	0.788	22.4
Bottom side	20	QPSK 50_0	132572/1770	1:1	0.593	-0.17	22.74	24.00	1.337	0.793	22.4
Hotspot Test data (Separate 10mm 100%RB)											
Bottom side	20	QPSK 100_0	132322/1745	1:1	0.568	0.03	22.83	24.00	1.309	0.744	22.4
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	20	QPSK 1_0	132322/1745	1:1	0.575	0.12	23.24	21.50	0.670	0.385	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.484	-0.17	23.24	21.50	0.670	0.324	22.4
Left side	20	QPSK 1_0	132322/1745	1:1	0.043	0.09	23.24	21.50	0.670	0.029	22.4

Right side	20	QPSK 1_0	132322/1745	1:1	0.251	0.01	23.24	21.50	0.670	0.168	22.4
Bottom side	20	QPSK 1_0	132322/1745	1:1	0.781	0.01	23.24	21.50	0.670	0.523	22.4
Bottom side	20	QPSK 1_0	132072/1720	1:1	0.745	0.18	23.13	21.50	0.687	0.512	22.4
Bottom side	20	QPSK 1_0	132572/1770	1:1	0.753	0.04	23.19	21.50	0.678	0.511	22.4
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	20	QPSK 50_0	132322/1745	1:1	0.420	0.11	22.75	21.50	0.750	0.315	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.365	0.01	22.75	21.50	0.750	0.274	22.4
Left side	20	QPSK 50_0	132322/1745	1:1	0.000	0.04	22.75	21.50	0.750	0.000	22.4
Right side	20	QPSK 50_0	132322/1745	1:1	0.184	-0.18	22.75	21.50	0.750	0.138	22.4
Bottom side	20	QPSK 50_0	132322/1745	1:1	0.603	0.06	22.75	21.50	0.750	0.452	22.4
Bottom side	20	QPSK 50_0	132072/1720	1:1	0.588	0.08	22.73	21.50	0.753	0.443	22.4
Bottom side	20	QPSK 50_0	132572/1770	1:1	0.593	-0.17	22.74	21.50	0.752	0.446	22.4
Hotspot Evaluate data (Separate 10mm 100%RB) For Simultaneous											
Bottom side	20	QPSK 100_0	132322/1745	1:1	0.568	0.03	22.83	21.50	0.736	0.418	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	132322/1745	0.861	0.858	1.003	N/A	N/A
Front side-5mm	132322/1745	0.858	0.854	1.005	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.						

8.3.16 SAR Result of NR Band n2

SA N2 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)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_1	376000/1880	100%	0.810	-0.02	21.57	23.00	1.390	1.126	22.3
Left cheek-Repeat SAR	20	QPSK 1_1	376000/1880	100%	0.807	0.12	21.57	23.00	1.390	1.122	22.3
Left cheek	20	QPSK 1_1	372000/1860	100%	0.782	-0.09	21.42	23.00	1.439	1.125	22.3
Left cheek	20	QPSK 1_1	380000/1900	100%	0.779	0.18	21.48	23.00	1.419	1.105	22.3
Left tilted	20	QPSK 1_1	376000/1880	100%	0.625	-0.14	21.57	23.00	1.390	0.869	22.3
Left tilted	20	QPSK 1_1	372000/1860	100%	0.589	0.19	21.42	23.00	1.439	0.848	22.3
Left tilted	20	QPSK 1_1	380000/1900	100%	0.584	-0.19	21.48	23.00	1.419	0.829	22.3
Right cheek	20	QPSK 1_1	376000/1880	100%	0.473	-0.03	21.57	23.00	1.390	0.657	22.3
Right tilted	20	QPSK 1_1	376000/1880	100%	0.341	-0.01	21.57	23.00	1.390	0.474	22.3
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_28	376000/1880	100%	0.787	-0.01	21.50	23.00	1.413	1.112	22.3
Left cheek	20	QPSK 50_28	372000/1860	100%	0.744	0.10	21.43	23.00	1.435	1.068	22.3
Left cheek	20	QPSK 50_28	380000/1900	100%	0.750	0.15	21.43	23.00	1.435	1.076	22.3
Left tilted	20	QPSK 50_28	376000/1880	100%	0.602	-0.09	21.50	23.00	1.413	0.851	22.3
Left tilted	20	QPSK 50_28	372000/1860	100%	0.569	-0.11	21.43	23.00	1.435	0.817	22.3
Left tilted	20	QPSK 50_28	380000/1900	100%	0.552	0.05	21.43	23.00	1.435	0.792	22.3
Right cheek	20	QPSK 50_28	376000/1880	100%	0.429	0.00	21.50	23.00	1.413	0.606	22.3
Right tilted	20	QPSK 50_28	376000/1880	100%	0.320	0.16	21.50	23.00	1.413	0.452	22.3
Receiver on Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	376000/1880	100%	0.739	-0.09	20.58	22.00	1.387	1.025	22.3
Left cheek	20	QPSK 100_0	376000/1880	100%	0.544	0.10	20.58	22.00	1.387	0.755	22.3
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	20	QPSK 1_1	376000/1880	100%	0.810	-0.02	21.57	19.50	0.621	0.503	22.3
Left cheek	20	QPSK 1_1	372000/1860	100%	0.782	-0.09	21.42	19.50	0.643	0.503	22.3
Left cheek	20	QPSK 1_1	380000/1900	100%	0.779	0.18	21.48	19.50	0.634	0.494	22.3
Left tilted	20	QPSK 1_1	376000/1880	100%	0.625	-0.14	21.57	19.50	0.621	0.388	22.3
Left tilted	20	QPSK 1_1	372000/1860	100%	0.589	0.19	21.42	19.50	0.643	0.379	22.3
Left tilted	20	QPSK 1_1	380000/1900	100%	0.584	-0.19	21.48	19.50	0.634	0.370	22.3
Right cheek	20	QPSK 1_1	376000/1880	100%	0.473	-0.03	21.57	19.50	0.621	0.294	22.3
Right tilted	20	QPSK 1_1	376000/1880	100%	0.341	-0.01	21.57	19.50	0.621	0.212	22.3
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	20	QPSK 50_28	376000/1880	100%	0.787	-0.01	21.50	19.50	0.631	0.497	22.3
Left cheek	20	QPSK 50_28	372000/1860	100%	0.744	0.10	21.43	19.50	0.641	0.477	22.3
Left cheek	20	QPSK 50_28	380000/1900	100%	0.750	0.15	21.43	19.50	0.641	0.481	22.3
Left tilted	20	QPSK 50_28	376000/1880	100%	0.602	-0.09	21.50	19.50	0.631	0.380	22.3
Left tilted	20	QPSK 50_28	372000/1860	100%	0.569	-0.11	21.43	19.50	0.641	0.365	22.3
Left tilted	20	QPSK 50_28	380000/1900	100%	0.552	0.05	21.43	19.50	0.641	0.354	22.3
Right cheek	20	QPSK 50_28	376000/1880	100%	0.429	0.00	21.50	19.50	0.631	0.271	22.3
Right tilted	20	QPSK 50_28	376000/1880	100%	0.320	0.16	21.50	19.50	0.631	0.202	22.3
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	20	QPSK 100_0	376000/1880	100%	0.739	-0.09	20.58	19.50	0.780	0.576	22.3
Left cheek	20	QPSK 100_0	376000/1880	100%	0.544	0.10	20.58	19.50	0.780	0.424	22.3
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_1	376000/1880	100%	0.667	-0.12	23.01	24.50	1.409	0.940	22.3
Front side	20	QPSK 1_1	372000/1860	100%	0.633	-0.06	22.82	24.50	1.472	0.932	22.3
Front side	20	QPSK 1_1	380000/1900	100%	0.628	0.02	22.88	24.50	1.452	0.912	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.755	0.02	23.01	24.50	1.409	1.064	22.3
Back side	20	QPSK 1_1	372000/1860	100%	0.719	0.09	22.82	24.50	1.472	1.058	22.3
Back side	20	QPSK 1_1	380000/1900	100%	0.725	-0.04	22.88	24.50	1.452	1.053	22.3
Sensor on Body worn Test data (Separate 5mm 50%RB)											

Front side	20	QPSK 50_28	376000/1880	100%	0.655	-0.06	22.93	24.50	1.435	0.940	22.3
Front side	20	QPSK 50_28	372000/1860	100%	0.619	0.19	22.85	24.50	1.462	0.905	22.3
Front side	20	QPSK 50_28	380000/1900	100%	0.615	-0.01	22.89	24.50	1.449	0.891	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.735	-0.07	22.93	24.50	1.435	1.055	22.3
Back side	20	QPSK 50_28	372000/1860	100%	0.693	-0.14	22.85	24.50	1.462	1.013	22.3
Back side	20	QPSK 50_28	380000/1900	100%	0.699	0.14	22.89	24.50	1.449	1.013	22.3
Sensor on Body worn Test data (Separate 5mm 100%RB)											
Front side	20	QPSK 100_0	376000/1880	100%	0.608	-0.06	22.04	23.50	1.400	0.851	22.3
Back side	20	QPSK 100_0	376000/1880	100%	0.677	0.09	22.04	23.50	1.400	0.948	22.3
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	20	QPSK 1_1	376000/1880	100%	0.667	-0.12	23.01	21.50	0.706	0.471	22.3
Front side	20	QPSK 1_1	372000/1860	100%	0.633	-0.06	22.82	21.50	0.738	0.467	22.3
Front side	20	QPSK 1_1	380000/1900	100%	0.628	0.02	22.88	21.50	0.728	0.457	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.755	0.02	23.01	21.50	0.706	0.533	22.3
Back side	20	QPSK 1_1	372000/1860	100%	0.719	0.09	22.82	21.50	0.738	0.531	22.3
Back side	20	QPSK 1_1	380000/1900	100%	0.725	-0.04	22.88	21.50	0.728	0.528	22.3
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	20	QPSK 50_28	376000/1880	100%	0.655	-0.06	22.93	21.50	0.719	0.471	22.3
Front side	20	QPSK 50_28	372000/1860	100%	0.619	0.19	22.85	21.50	0.733	0.454	22.3
Front side	20	QPSK 50_28	380000/1900	100%	0.615	-0.01	22.89	21.50	0.726	0.446	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.735	-0.07	22.93	21.50	0.719	0.528	22.3
Back side	20	QPSK 50_28	372000/1860	100%	0.693	-0.14	22.85	21.50	0.733	0.508	22.3
Back side	20	QPSK 50_28	380000/1900	100%	0.699	0.14	22.89	21.50	0.726	0.507	22.3
Sensor on Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	20	QPSK 100_0	376000/1880	100%	0.608	-0.06	22.04	21.50	0.883	0.537	22.3
Back side	20	QPSK 100_0	376000/1880	100%	0.677	0.09	22.04	21.50	0.883	0.598	22.3
Sensor off Body worn Test data 1RB											
Front side-20mm	20	QPSK 1_1	376000/1880	100%	0.243	-0.04	23.25	25.00	1.496	0.364	22.3
Back side-15mm	20	QPSK 1_1	376000/1880	100%	0.307	0.13	23.25	25.00	1.496	0.459	22.3
Sensor off Body worn Test data 50RB											
Front side-20mm	20	QPSK 50_28	376000/1880	100%	0.205	0.17	23.19	25.00	1.517	0.311	22.3
Back side-15mm	20	QPSK 50_28	376000/1880	100%	0.263	-0.19	23.19	25.00	1.517	0.399	22.3
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	376000/1880	100%	0.367	-0.13	23.01	24.50	1.409	0.517	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.565	-0.10	23.01	24.50	1.409	0.796	22.3
Left side	20	QPSK 1_1	376000/1880	100%	0.113	-0.16	23.01	24.50	1.409	0.159	22.3
Right side	20	QPSK 1_1	376000/1880	100%	0.378	-0.10	23.01	24.50	1.409	0.533	22.3
Top side	20	QPSK 1_1	376000/1880	100%	0.240	-0.10	23.01	24.50	1.409	0.338	22.3
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	376000/1880	100%	0.345	0.02	22.93	24.50	1.435	0.495	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.553	0.16	22.93	24.50	1.435	0.794	22.3
Left side	20	QPSK 50_28	376000/1880	100%	0.104	0.02	22.93	24.50	1.435	0.149	22.3
Right side	20	QPSK 50_28	376000/1880	100%	0.368	0.02	22.93	24.50	1.435	0.528	22.3
Top side	20	QPSK 50_28	376000/1880	100%	0.235	-0.13	22.93	24.50	1.435	0.337	22.3
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	376000/1880	100%	0.367	-0.13	23.01	21.50	0.706	0.259	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.565	-0.10	23.01	21.50	0.706	0.399	22.3
Left side	20	QPSK 1_1	376000/1880	100%	0.113	-0.16	23.01	21.50	0.706	0.080	22.3
Right side	20	QPSK 1_1	376000/1880	100%	0.378	-0.10	23.01	21.50	0.706	0.267	22.3
Top side	20	QPSK 1_1	376000/1880	100%	0.240	-0.10	23.01	21.50	0.706	0.169	22.3
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	376000/1880	100%	0.345	0.02	22.93	21.50	0.719	0.248	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.553	0.16	22.93	21.50	0.719	0.398	22.3
Left side	20	QPSK 50_28	376000/1880	100%	0.104	0.02	22.93	21.50	0.719	0.075	22.3
Right side	20	QPSK 50_28	376000/1880	100%	0.368	0.02	22.93	21.50	0.719	0.265	22.3
Top side	20	QPSK 50_28	376000/1880	100%	0.235	-0.13	22.93	21.50	0.719	0.169	22.3
Ant1 Test Record											

Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	20	QPSK 1_1	376000/1880	100%	0.147	-0.04	23.52	25.00	1.406	0.207	22.3
Left tilted	20	QPSK 1_1	376000/1880	100%	0.000	0.06	23.52	25.00	1.406	0.000	22.3
Right cheek	20	QPSK 1_1	376000/1880	100%	0.183	-0.11	23.52	25.00	1.406	0.257	22.3
Right tilted	20	QPSK 1_1	376000/1880	100%	0.041	0.15	23.52	25.00	1.406	0.058	22.3
Head Test Data (50%RB)											
Left cheek	20	QPSK 50_28	376000/1880	100%	0.134	0.17	23.42	25.00	1.439	0.193	22.3
Left tilted	20	QPSK 50_28	376000/1880	100%	0.000	-0.05	23.42	25.00	1.439	0.000	22.3
Right cheek	20	QPSK 50_28	376000/1880	100%	0.174	-0.04	23.42	25.00	1.439	0.250	22.3
Right tilted	20	QPSK 50_28	376000/1880	100%	0.035	0.18	23.42	25.00	1.439	0.050	22.3
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_1	376000/1880	100%	0.633	-0.11	23.52	25.00	1.406	0.890	22.3
Front side	20	QPSK 1_1	372000/1860	100%	0.611	0.00	23.40	25.00	1.445	0.883	22.3
Front side	20	QPSK 1_1	380000/1900	100%	0.623	0.03	23.39	25.00	1.449	0.903	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.689	0.15	23.52	25.00	1.406	0.969	22.3
Back side	20	QPSK 1_1	372000/1860	100%	0.657	-0.05	23.40	25.00	1.445	0.949	22.3
Back side	20	QPSK 1_1	380000/1900	100%	0.666	0.07	23.39	25.00	1.449	0.965	22.3
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_28	376000/1880	100%	0.630	-0.12	23.42	25.00	1.439	0.907	22.3
Front side	20	QPSK 50_28	372000/1860	100%	0.607	0.09	23.38	25.00	1.452	0.881	22.3
Front side	20	QPSK 50_28	380000/1900	100%	0.615	-0.19	23.40	25.00	1.445	0.889	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.679	0.00	23.42	25.00	1.439	0.977	22.3
Back side	20	QPSK 50_28	372000/1860	100%	0.640	-0.08	23.38	25.00	1.452	0.929	22.3
Back side	20	QPSK 50_28	380000/1900	100%	0.658	-0.02	23.40	25.00	1.445	0.951	22.3
Body worn Test data (Separate 5mm 100%RB)											
Front side	20	QPSK 100_0	376000/1880	100%	0.578	-0.02	22.46	24.00	1.426	0.824	22.3
Back side	20	QPSK 100_0	376000/1880	100%	0.606	0.08	22.46	24.00	1.426	0.864	22.3
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	20	QPSK 1_1	376000/1880	100%	0.633	-0.11	23.52	22.00	0.705	0.446	22.3
Front side	20	QPSK 1_1	372000/1860	100%	0.611	0.00	23.40	22.00	0.724	0.442	22.3
Front side	20	QPSK 1_1	380000/1900	100%	0.623	0.03	23.39	22.00	0.726	0.452	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.689	0.15	23.52	22.00	0.705	0.486	22.3
Back side	20	QPSK 1_1	372000/1860	100%	0.657	-0.05	23.40	22.00	0.724	0.476	22.3
Back side	20	QPSK 1_1	380000/1900	100%	0.666	0.07	23.39	22.00	0.726	0.484	22.3
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	20	QPSK 50_28	376000/1880	100%	0.630	-0.12	23.42	22.00	0.721	0.454	22.3
Front side	20	QPSK 50_28	372000/1860	100%	0.607	0.09	23.38	22.00	0.728	0.442	22.3
Front side	20	QPSK 50_28	380000/1900	100%	0.615	-0.19	23.40	22.00	0.724	0.445	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.679	0.00	23.42	22.00	0.721	0.490	22.3
Back side	20	QPSK 50_28	372000/1860	100%	0.640	-0.08	23.38	22.00	0.728	0.466	22.3
Back side	20	QPSK 50_28	380000/1900	100%	0.658	-0.02	23.40	22.00	0.724	0.476	22.3
Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	20	QPSK 100_0	376000/1880	100%	0.578	-0.02	22.46	22.00	0.899	0.520	22.3
Back side	20	QPSK 100_0	376000/1880	100%	0.606	0.08	22.46	22.00	0.899	0.545	22.3
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	376000/1880	100%	0.480	0.11	23.52	25.00	1.406	0.675	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.452	0.02	23.52	25.00	1.406	0.636	22.3
Left side	20	QPSK 1_1	376000/1880	100%	0.096	-0.10	23.52	25.00	1.406	0.135	22.3
Right side	20	QPSK 1_1	376000/1880	100%	0.142	0.07	23.52	25.00	1.406	0.200	22.3
Bottom side	20	QPSK 1_1	376000/1880	100%	0.691	-0.03	23.52	25.00	1.406	0.972	22.3
Bottom side	20	QPSK 1_1	372000/1860	100%	0.665	-0.05	23.40	25.00	1.445	0.961	22.3
Bottom side	20	QPSK 1_1	380000/1900	100%	0.645	0.14	23.39	25.00	1.449	0.935	22.3
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	376000/1880	100%	0.444	0.00	23.42	25.00	1.439	0.639	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.404	0.03	23.42	25.00	1.439	0.581	22.3

Left side	20	QPSK 50_28	376000/1880	100%	0.084	0.18	23.42	25.00	1.439	0.121	22.3
Right side	20	QPSK 50_28	376000/1880	100%	0.130	-0.08	23.42	25.00	1.439	0.187	22.3
Bottom side	20	QPSK 50_28	376000/1880	100%	0.672	-0.06	23.42	25.00	1.439	0.967	22.3
Bottom side	20	QPSK 50_28	372000/1860	100%	0.641	0.10	23.38	25.00	1.452	0.931	22.3
Bottom side	20	QPSK 50_28	380000/1900	100%	0.639	0.10	23.40	25.00	1.445	0.923	22.3
Hotspot Test data (Separate 10mm 100%RB)											
Bottom side	20	QPSK 100_0	376000/1880	100%	0.623	0.10	22.46	24.00	1.426	0.888	22.3
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	376000/1880	100%	0.480	0.11	23.52	22.00	0.705	0.338	22.3
Back side	20	QPSK 1_1	376000/1880	100%	0.452	0.02	23.52	22.00	0.705	0.319	22.3
Left side	20	QPSK 1_1	376000/1880	100%	0.096	-0.10	23.52	22.00	0.705	0.068	22.3
Right side	20	QPSK 1_1	376000/1880	100%	0.142	0.07	23.52	22.00	0.705	0.100	22.3
Bottom side	20	QPSK 1_1	376000/1880	100%	0.691	-0.03	23.52	22.00	0.705	0.487	22.3
Bottom side	20	QPSK 1_1	372000/1860	100%	0.665	-0.05	23.40	22.00	0.724	0.481	22.3
Bottom side	20	QPSK 1_1	380000/1900	100%	0.645	0.14	23.39	22.00	0.726	0.468	22.3
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	376000/1880	100%	0.444	0.00	23.42	22.00	0.721	0.320	22.3
Back side	20	QPSK 50_28	376000/1880	100%	0.404	0.03	23.42	22.00	0.721	0.291	22.3
Left side	20	QPSK 50_28	376000/1880	100%	0.084	0.18	23.42	22.00	0.721	0.061	22.3
Right side	20	QPSK 50_28	376000/1880	100%	0.130	-0.08	23.42	22.00	0.721	0.094	22.3
Bottom side	20	QPSK 50_28	376000/1880	100%	0.672	-0.06	23.42	22.00	0.721	0.485	22.3
Bottom side	20	QPSK 50_28	372000/1860	100%	0.641	0.10	23.38	22.00	0.728	0.467	22.3
Bottom side	20	QPSK 50_28	380000/1900	100%	0.639	0.10	23.40	22.00	0.724	0.463	22.3
Hotspot Test data (Separate 10mm 100%RB)											
Bottom side	20	QPSK 100_0	376000/1880	100%	0.623	0.10	22.46	22.00	0.899	0.560	22.3

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	376000/1880	0.810	0.807	1.004	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.						

8.3.17 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)
Receiver on Head Test Data (1RB)											
Left cheek	20	QPSK 1_1	167300/836.5	100%	0.629	-0.14	22.01	23.50	1.409	0.886	22.5
Left tilted	20	QPSK 1_1	167300/836.5	100%	0.692	-0.09	22.01	23.50	1.409	0.975	22.5
Right cheek	20	QPSK 1_1	167300/836.5	100%	0.496	-0.02	22.01	23.50	1.409	0.699	22.5
Right tilted	20	QPSK 1_1	167300/836.5	100%	0.531	-0.03	22.01	23.50	1.409	0.748	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.616	0.04	21.97	23.50	1.422	0.876	22.5
Left tilted	20	QPSK 50_28	167300/836.5	100%	0.674	0.02	21.97	23.50	1.422	0.958	22.5
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.483	0.03	21.97	23.50	1.422	0.687	22.5
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.511	-0.12	21.97	23.50	1.422	0.727	22.5
Receiver on Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	167300/836.5	100%	0.578	0.06	21.12	22.50	1.374	0.794	22.5
Left tilted	20	QPSK 100_0	167300/836.5	100%	0.644	0.10	21.12	22.50	1.374	0.885	22.5
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	20	QPSK 1_1	167300/836.5	100%	0.629	-0.14	22.01	20.50	0.706	0.444	22.5
Left tilted	20	QPSK 1_1	167300/836.5	100%	0.692	-0.09	22.01	20.50	0.706	0.489	22.5
Right cheek	20	QPSK 1_1	167300/836.5	100%	0.496	-0.02	22.01	20.50	0.706	0.350	22.5
Right tilted	20	QPSK 1_1	167300/836.5	100%	0.531	-0.03	22.01	20.50	0.706	0.375	22.5
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.616	0.04	21.97	20.50	0.713	0.439	22.5
Left tilted	20	QPSK 50_28	167300/836.5	100%	0.674	0.02	21.97	20.50	0.713	0.481	22.5
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.483	0.03	21.97	20.50	0.713	0.344	22.5
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.511	-0.12	21.97	20.50	0.713	0.364	22.5
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	20	QPSK 100_0	167300/836.5	100%	0.578	0.06	21.12	20.50	0.867	0.501	22.5
Left tilted	20	QPSK 100_0	167300/836.5	100%	0.644	0.10	21.12	20.50	0.867	0.558	22.5
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_1	167300/836.5	100%	0.464	0.17	23.28	25.00	1.486	0.690	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.484	0.09	23.28	25.00	1.486	0.719	22.5
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_28	167300/836.5	100%	0.425	0.14	23.17	25.00	1.524	0.648	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.463	0.13	23.17	25.00	1.524	0.706	22.5
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	20	QPSK 1_1	167300/836.5	100%	0.464	0.17	23.28	24.00	1.180	0.548	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.484	0.09	23.28	24.00	1.180	0.571	22.5
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	20	QPSK 50_28	167300/836.5	100%	0.425	0.14	23.17	24.00	1.211	0.515	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.463	0.13	23.17	24.00	1.211	0.561	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	167300/836.5	100%	0.244	-0.05	23.28	25.00	1.486	0.363	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.248	-0.02	23.28	25.00	1.486	0.369	22.5
Left side	20	QPSK 1_1	167300/836.5	100%	0.068	0.06	23.28	25.00	1.486	0.101	22.5
Right side	20	QPSK 1_1	167300/836.5	100%	0.139	-0.12	23.28	25.00	1.486	0.207	22.5
Top side	20	QPSK 1_1	167300/836.5	100%	0.105	0.14	23.28	25.00	1.486	0.156	22.5
Hotspot Test data (Separate 10mm 50%RB)											

Front side	20	QPSK 50_28	167300/836.5	100%	0.214	-0.02	23.17	25.00	1.524	0.326	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.223	-0.09	23.17	25.00	1.524	0.340	22.5
Left side	20	QPSK 50_28	167300/836.5	100%	0.056	-0.13	23.17	25.00	1.524	0.085	22.5
Right side	20	QPSK 50_28	167300/836.5	100%	0.124	0.01	23.17	25.00	1.524	0.189	22.5
Top side	20	QPSK 50_28	167300/836.5	100%	0.098	0.13	23.17	25.00	1.524	0.149	22.5
Ant1 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	20	QPSK 1_1	167300/836.5	100%	0.628	-0.17	23.23	25.00	1.503	0.944	22.5
Left tilted	20	QPSK 1_1	167300/836.5	100%	0.252	0.08	23.23	25.00	1.503	0.379	22.5
Right cheek	20	QPSK 1_1	167300/836.5	100%	0.646	0.05	23.23	25.00	1.503	0.971	22.5
Right tilted	20	QPSK 1_1	167300/836.5	100%	0.259	0.00	23.23	25.00	1.503	0.389	22.5
Head Test Data (50%RB)											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.618	-0.12	23.14	25.00	1.535	0.949	22.5
Left tilted	20	QPSK 50_28	167300/836.5	100%	0.225	0.10	23.14	25.00	1.535	0.345	22.5
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.624	-0.09	23.14	25.00	1.535	0.958	22.5
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.244	0.00	23.14	25.00	1.535	0.375	22.5
Head Test Data (100%RB)											
Left cheek	20	QPSK 100_0	167300/836.5	100%	0.589	-0.04	22.21	24.00	1.510	0.889	22.5
Right cheek	20	QPSK 100_0	167300/836.5	100%	0.597	0.12	22.21	24.00	1.510	0.901	22.5
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	20	QPSK 1_1	167300/836.5	100%	0.628	-0.17	23.23	22.00	0.753	0.473	22.5
Left tilted	20	QPSK 1_1	167300/836.5	100%	0.252	0.08	23.23	22.00	0.753	0.190	22.5
Right cheek	20	QPSK 1_1	167300/836.5	100%	0.646	0.05	23.23	22.00	0.753	0.486	22.5
Right tilted	20	QPSK 1_1	167300/836.5	100%	0.259	0.00	23.23	22.00	0.753	0.195	22.5
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	20	QPSK 50_28	167300/836.5	100%	0.618	-0.12	23.14	22.00	0.769	0.475	22.5
Left tilted	20	QPSK 50_28	167300/836.5	100%	0.225	0.10	23.14	22.00	0.769	0.173	22.5
Right cheek	20	QPSK 50_28	167300/836.5	100%	0.624	-0.09	23.14	22.00	0.769	0.480	22.5
Right tilted	20	QPSK 50_28	167300/836.5	100%	0.244	0.00	23.14	22.00	0.769	0.188	22.5
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	20	QPSK 100_0	167300/836.5	100%	0.589	-0.04	22.21	22.00	0.953	0.561	22.5
Right cheek	20	QPSK 100_0	167300/836.5	100%	0.597	0.12	22.21	22.00	0.953	0.569	22.5
Body worn Test data (Separate 5mm 1RB)											
Front side	20	QPSK 1_1	167300/836.5	100%	0.565	-0.07	23.23	25.00	1.503	0.849	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.575	-0.05	23.23	25.00	1.503	0.864	22.5
Body worn Test data (Separate 5mm 50%RB)											
Front side	20	QPSK 50_28	167300/836.5	100%	0.559	-0.07	23.14	25.00	1.535	0.858	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.557	-0.09	23.14	25.00	1.535	0.855	22.5
Body worn Test data (Separate 5mm 100%RB)											
Front side	20	QPSK 100_0	167300/836.5	100%	0.530	-0.11	22.21	24.00	1.510	0.800	22.5
Back side	20	QPSK 100_0	167300/836.5	100%	0.526	-0.09	22.21	24.00	1.510	0.794	22.5
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	20	QPSK 1_1	167300/836.5	100%	0.565	-0.07	23.23	22.50	0.845	0.477	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.575	-0.05	23.23	22.50	0.845	0.486	22.5
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	20	QPSK 50_28	167300/836.5	100%	0.559	-0.07	23.14	22.50	0.863	0.482	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.557	-0.09	23.14	22.50	0.863	0.481	22.5
Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	20	QPSK 100_0	167300/836.5	100%	0.530	-0.11	22.21	22.50	1.069	0.567	22.5



Back side	20	QPSK 100_0	167300/836.5	100%	0.526	-0.09	22.21	22.50	1.069	0.562	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	167300/836.5	100%	0.265	0.03	23.23	25.00	1.503	0.398	22.5
Back side	20	QPSK 1_1	167300/836.5	100%	0.310	0.01	23.23	25.00	1.503	0.466	22.5
Left side	20	QPSK 1_1	167300/836.5	100%	0.276	0.06	23.23	25.00	1.503	0.415	22.5
Right side	20	QPSK 1_1	167300/836.5	100%	0.151	-0.19	23.23	25.00	1.503	0.227	22.5
Bottom side	20	QPSK 1_1	167300/836.5	100%	0.106	0.15	23.23	25.00	1.503	0.159	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	167300/836.5	100%	0.251	-0.10	23.14	25.00	1.535	0.385	22.5
Back side	20	QPSK 50_28	167300/836.5	100%	0.299	-0.11	23.14	25.00	1.535	0.459	22.5
Left side	20	QPSK 50_28	167300/836.5	100%	0.271	0.16	23.14	25.00	1.535	0.416	22.5
Right side	20	QPSK 50_28	167300/836.5	100%	0.135	0.06	23.14	25.00	1.535	0.207	22.5
Bottom side	20	QPSK 50_28	167300/836.5	100%	0.094	-0.02	23.14	25.00	1.535	0.144	22.5

8.3.18 SAR Result of NR Band n7

SA N7 SAR Test Record											
Ant0 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	40	QPSK 1_1	507000/2535	100%	0.781	0.07	22.48	24.00	1.419	1.108	22.4
Left tilted	40	QPSK 1_1	507000/2535	100%	0.359	-0.12	22.48	24.00	1.419	0.509	22.4
Right cheek	40	QPSK 1_1	507000/2535	100%	0.514	0.19	22.48	24.00	1.419	0.729	22.4
Right tilted	40	QPSK 1_1	507000/2535	100%	0.401	0.12	22.48	24.00	1.419	0.569	22.4
Head Test Data (50%RB)											
Left cheek	40	QPSK 108_54	507000/2535	100%	0.746	-0.06	22.36	24.00	1.459	1.088	22.4
Left tilted	40	QPSK 108_54	507000/2535	100%	0.325	-0.02	22.36	24.00	1.459	0.474	22.4
Right cheek	40	QPSK 108_54	507000/2535	100%	0.500	0.06	22.36	24.00	1.459	0.730	22.4
Right tilted	40	QPSK 108_54	507000/2535	100%	0.385	-0.17	22.36	24.00	1.459	0.562	22.4
Head Test Data (100%RB)											
Left cheek	40	QPSK 216_0	507000/2535	100%	0.709	-0.06	21.32	23.00	1.472	1.044	22.4
Body worn Test data (Separate 5mm 1RB)											
Front side	40	QPSK 1_1	507000/2535	100%	0.439	-0.16	22.48	24.00	1.419	0.623	22.4
Back side	40	QPSK 1_1	507000/2535	100%	0.362	-0.02	22.48	24.00	1.419	0.514	22.4
Body worn Test data (Separate 5mm 50%RB)											
Front side	40	QPSK 108_54	507000/2535	100%	0.421	0.04	22.36	24.00	1.459	0.614	22.4
Back side	40	QPSK 108_54	507000/2535	100%	0.347	0.09	22.36	24.00	1.459	0.506	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	40	QPSK 1_1	507000/2535	100%	0.214	-0.11	22.48	24.00	1.419	0.304	22.4
Back side	40	QPSK 1_1	507000/2535	100%	0.205	0.03	22.48	24.00	1.419	0.291	22.4
Left side	40	QPSK 1_1	507000/2535	100%	0.059	-0.11	22.48	24.00	1.419	0.084	22.4
Right side	40	QPSK 1_1	507000/2535	100%	0.101	-0.09	22.48	24.00	1.419	0.143	22.4
Top side	40	QPSK 1_1	507000/2535	100%	0.273	-0.11	22.48	24.00	1.419	0.387	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	40	QPSK 108_54	507000/2535	100%	0.196	-0.08	22.36	24.00	1.459	0.286	22.4
Back side	40	QPSK 108_54	507000/2535	100%	0.194	0.15	22.36	24.00	1.459	0.283	22.4
Left side	40	QPSK 108_54	507000/2535	100%	0.050	0.13	22.36	24.00	1.459	0.073	22.4
Right side	40	QPSK 108_54	507000/2535	100%	0.098	0.05	22.36	24.00	1.459	0.143	22.4
Top side	40	QPSK 108_54	507000/2535	100%	0.257	-0.15	22.36	24.00	1.459	0.375	22.4
Ant1 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	40	QPSK 1_1	507000/2535	100%	0.361	-0.04	22.84	24.00	1.306	0.471	22.4
Left tilted	40	QPSK 1_1	507000/2535	100%	0.213	0.15	22.84	24.00	1.306	0.278	22.4
Right cheek	40	QPSK 1_1	507000/2535	100%	0.704	-0.05	22.84	24.00	1.306	0.919	22.4
Right tilted	40	QPSK 1_1	507000/2535	100%	0.117	0.01	22.84	24.00	1.306	0.153	22.4
Head Test Data (50%RB)											
Left cheek	40	QPSK 108_54	507000/2535	100%	0.352	0.12	22.74	24.00	1.337	0.471	22.4
Left tilted	40	QPSK 108_54	507000/2535	100%	0.185	-0.05	22.74	24.00	1.337	0.247	22.4
Right cheek	40	QPSK 108_54	507000/2535	100%	0.685	0.08	22.74	24.00	1.337	0.916	22.4
Right tilted	40	QPSK 108_54	507000/2535	100%	0.112	0.15	22.74	24.00	1.337	0.150	22.4
Head Test Data (100%RB)											
Right cheek	40	QPSK 216_0	507000/2535	100%	0.643	0.05	21.72	23.00	1.343	0.864	22.4

Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	40	QPSK 1_1	507000/2535	100%	0.834	-0.13	21.35	22.50	1.303	1.087	22.4
Front side-Repeat SAR	40	QPSK 1_1	507000/2535	100%	0.833	0.02	21.35	22.50	1.303	1.085	22.4
Back side	40	QPSK 1_1	507000/2535	100%	0.539	-0.06	21.35	22.50	1.303	0.702	22.4
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	40	QPSK 108_54	507000/2535	100%	0.768	-0.05	21.21	22.50	1.346	1.034	22.4
Back side	40	QPSK 108_54	507000/2535	100%	0.498	-0.09	21.21	22.50	1.346	0.670	22.4
Sensor on Body worn Test data (Separate 5mm 100%RB)											
Front side	40	QPSK 216_0	507000/2535	100%	0.729	-0.05	20.21	21.50	1.346	0.981	22.4
Sensor off Body worn Test data 1RB											
Front side-21mm	40	QPSK 1_1	507000/2535	100%	0.378	-0.14	22.84	24.00	1.306	0.494	22.4
Back side-18mm	40	QPSK 1_1	507000/2535	100%	0.344	0.12	22.84	24.00	1.306	0.449	22.4
Sensor off Body worn Test data 50RB											
Front side-21mm	40	QPSK 108_54	507000/2535	100%	0.329	0.02	22.74	24.00	1.337	0.440	22.4
Back side-18mm	40	QPSK 108_54	507000/2535	100%	0.293	0.17	22.74	24.00	1.337	0.392	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	40	QPSK 1_1	507000/2535	100%	0.453	0.18	21.35	22.50	1.303	0.590	22.4
Back side	40	QPSK 1_1	507000/2535	100%	0.316	-0.11	21.35	22.50	1.303	0.412	22.4
Left side	40	QPSK 1_1	507000/2535	100%	0.096	-0.05	21.35	22.50	1.303	0.125	22.4
Right side	40	QPSK 1_1	507000/2535	100%	0.655	-0.12	21.35	22.50	1.303	0.853	22.4
Bottom side	40	QPSK 1_1	507000/2535	100%	0.844	0.04	21.35	22.50	1.303	1.100	22.4
Bottom side-Repeat SAR	40	QPSK 1_1	507000/2535	100%	0.840	-0.07	21.35	22.50	1.303	1.095	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	40	QPSK 108_54	507000/2535	100%	0.426	-0.18	21.21	22.50	1.346	0.573	22.4
Back side	40	QPSK 108_54	507000/2535	100%	0.297	-0.13	21.21	22.50	1.346	0.400	22.4
Left side	40	QPSK 108_54	507000/2535	100%	0.080	-0.11	21.21	22.50	1.346	0.108	22.4
Right side	40	QPSK 108_54	507000/2535	100%	0.626	0.14	21.21	22.50	1.346	0.843	22.4
Bottom side	40	QPSK 108_54	507000/2535	100%	0.751	-0.04	21.21	22.50	1.346	1.011	22.4
Hotspot Test data (Separate 10mm 100%RB)											
Right side	40	QPSK 216_0	507000/2535	100%	0.603	0.12	20.21	21.50	1.346	0.812	22.4
Bottom side	40	QPSK 216_0	507000/2535	100%	0.711	-0.07	20.21	21.50	1.346	0.957	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Front side-5mm	507000/2535	0.834	0.833	1.001	N/A	N/A
Bottom side-10mm	507000/2535	0.844	0.840	1.005	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.

8.3.19 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)
Head Test Data (1RB)											
Left cheek	10	QPSK 1_1	158600/793	100%	0.570	-0.17	23.21	25.00	1.510	0.861	22.2
Left tilted	10	QPSK 1_1	158600/793	100%	0.467	0.15	23.21	25.00	1.510	0.705	22.2
Right cheek	10	QPSK 1_1	158600/793	100%	0.470	-0.14	23.21	25.00	1.510	0.710	22.2
Right tilted	10	QPSK 1_1	158600/793	100%	0.353	-0.01	23.21	25.00	1.510	0.533	22.2
Head Test Data (50%RB)											
Left cheek	10	QPSK 25_14	158600/793	100%	0.521	0.13	23.17	25.00	1.524	0.794	22.2
Left tilted	10	QPSK 25_14	158600/793	100%	0.425	-0.08	23.17	25.00	1.524	0.648	22.2
Right cheek	10	QPSK 25_14	158600/793	100%	0.436	0.16	23.17	25.00	1.524	0.664	22.2
Right tilted	10	QPSK 25_14	158600/793	100%	0.326	0.01	23.17	25.00	1.524	0.497	22.2
Head Test Data (100%RB)											
Left cheek	10	QPSK 50_0	158600/793	100%	0.477	0.03	22.08	24.00	1.556	0.742	22.2
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	10	QPSK 1_1	158600/793	100%	0.570	-0.17	23.21	23.00	0.953	0.543	22.2
Left tilted	10	QPSK 1_1	158600/793	100%	0.467	0.15	23.21	23.00	0.953	0.445	22.2
Right cheek	10	QPSK 1_1	158600/793	100%	0.470	-0.14	23.21	23.00	0.953	0.448	22.2
Right tilted	10	QPSK 1_1	158600/793	100%	0.353	-0.01	23.21	23.00	0.953	0.336	22.2
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	10	QPSK 25_14	158600/793	100%	0.521	0.13	23.17	23.00	0.962	0.501	22.2
Left tilted	10	QPSK 25_14	158600/793	100%	0.425	-0.08	23.17	23.00	0.962	0.409	22.2
Right cheek	10	QPSK 25_14	158600/793	100%	0.436	0.16	23.17	23.00	0.962	0.419	22.2
Right tilted	10	QPSK 25_14	158600/793	100%	0.326	0.01	23.17	23.00	0.962	0.314	22.2
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	10	QPSK 50_0	158600/793	100%	0.477	0.03	22.08	23.00	1.236	0.590	22.2
Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_1	158600/793	100%	0.335	-0.05	23.21	25.00	1.510	0.506	22.2
Back side	10	QPSK 1_1	158600/793	100%	0.401	0.04	23.21	25.00	1.510	0.606	22.2
Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_14	158600/793	100%	0.325	-0.07	23.17	25.00	1.524	0.495	22.2
Back side	10	QPSK 25_14	158600/793	100%	0.398	-0.15	23.17	25.00	1.524	0.607	22.2
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	158600/793	100%	0.168	-0.10	23.21	25.00	1.510	0.254	22.2
Back side	10	QPSK 1_1	158600/793	100%	0.171	0.03	23.21	25.00	1.510	0.258	22.2
Left side	10	QPSK 1_1	158600/793	100%	0.086	0.11	23.21	25.00	1.510	0.130	22.2
Right side	10	QPSK 1_1	158600/793	100%	0.082	0.10	23.21	25.00	1.510	0.124	22.2
Top side	10	QPSK 1_1	158600/793	100%	0.132	0.02	23.21	25.00	1.510	0.199	22.2
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	158600/793	100%	0.145	0.01	23.17	25.00	1.524	0.221	22.2
Back side	10	QPSK 25_14	158600/793	100%	0.155	0.03	23.17	25.00	1.524	0.236	22.2
Left side	10	QPSK 25_14	158600/793	100%	0.074	0.16	23.17	25.00	1.524	0.113	22.2
Right side	10	QPSK 25_14	158600/793	100%	0.076	0.15	23.17	25.00	1.524	0.116	22.2
Top side	10	QPSK 25_14	158600/793	100%	0.130	0.12	23.17	25.00	1.524	0.198	22.2
Ant1 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											

Left cheek	10	QPSK 1_1	158600/793	100%	0.818	-0.15	23.53	25.00	1.403	1.148	22.2
Left cheek-Repeat SAR	10	QPSK 1_1	158600/793	100%	0.811	-0.09	23.53	25.00	1.403	1.138	22.2
Left tilted	10	QPSK 1_1	158600/793	100%	0.332	0.11	23.53	25.00	1.403	0.466	22.2
Right cheek	10	QPSK 1_1	158600/793	100%	0.696	-0.04	23.53	25.00	1.403	0.976	22.2
Right tilted	10	QPSK 1_1	158600/793	100%	0.339	-0.11	23.53	25.00	1.403	0.476	22.2
Head Test Data (50%RB)											
Left cheek	10	QPSK 25_14	158600/793	100%	0.772	0.15	23.48	25.00	1.419	1.095	22.2
Left tilted	10	QPSK 25_14	158600/793	100%	0.328	-0.11	23.48	25.00	1.419	0.465	22.2
Right cheek	10	QPSK 25_14	158600/793	100%	0.683	-0.02	23.48	25.00	1.419	0.969	22.2
Right tilted	10	QPSK 25_14	158600/793	100%	0.320	0.10	23.48	25.00	1.419	0.454	22.2
Head Test Data (100%RB)											
Left cheek	10	QPSK 50_0	158600/793	100%	0.736	0.08	22.53	24.00	1.403	1.033	22.2
Right cheek	10	QPSK 50_0	158600/793	100%	0.646	-0.13	22.53	24.00	1.403	0.906	22.2
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	10	QPSK 1_1	158600/793	100%	0.818	-0.15	23.53	21.50	0.627	0.513	22.2
Left tilted	10	QPSK 1_1	158600/793	100%	0.332	0.11	23.53	21.50	0.627	0.208	22.2
Right cheek	10	QPSK 1_1	158600/793	100%	0.696	-0.04	23.53	21.50	0.627	0.436	22.2
Right tilted	10	QPSK 1_1	158600/793	100%	0.339	-0.11	23.53	21.50	0.627	0.213	22.2
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	10	QPSK 25_14	158600/793	100%	0.772	0.15	23.48	21.50	0.634	0.489	22.2
Left tilted	10	QPSK 25_14	158600/793	100%	0.328	-0.11	23.48	21.50	0.634	0.208	22.2
Right cheek	10	QPSK 25_14	158600/793	100%	0.683	-0.02	23.48	21.50	0.634	0.433	22.2
Right tilted	10	QPSK 25_14	158600/793	100%	0.320	0.10	23.48	21.50	0.634	0.203	22.2
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	10	QPSK 50_0	158600/793	100%	0.736	0.08	22.53	21.50	0.789	0.581	22.2
Right cheek	10	QPSK 50_0	158600/793	100%	0.646	-0.13	22.53	21.50	0.789	0.510	22.2
Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_1	158600/793	100%	0.440	0.12	23.53	25.00	1.403	0.617	22.2
Back side	10	QPSK 1_1	158600/793	100%	0.459	0.04	23.53	25.00	1.403	0.644	22.2
Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_14	158600/793	100%	0.430	-0.14	23.48	25.00	1.419	0.610	22.2
Back side	10	QPSK 25_14	158600/793	100%	0.451	0.05	23.48	25.00	1.419	0.640	22.2
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	10	QPSK 1_1	158600/793	100%	0.440	0.12	23.53	24.50	1.250	0.550	22.2
Back side	10	QPSK 1_1	158600/793	100%	0.459	0.04	23.53	24.50	1.250	0.574	22.2
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_14	158600/793	100%	0.430	-0.14	23.48	24.50	1.265	0.544	22.2
Back side	10	QPSK 25_14	158600/793	100%	0.451	0.05	23.48	24.50	1.265	0.571	22.2
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	158600/793	100%	0.426	0.03	23.53	25.00	1.403	0.598	22.2
Back side	10	QPSK 1_1	158600/793	100%	0.387	-0.07	23.53	25.00	1.403	0.543	22.2
Left side	10	QPSK 1_1	158600/793	100%	0.356	-0.04	23.53	25.00	1.403	0.499	22.2
Right side	10	QPSK 1_1	158600/793	100%	0.154	-0.16	23.53	25.00	1.403	0.216	22.2
Bottom side	10	QPSK 1_1	158600/793	100%	0.131	0.12	23.53	25.00	1.403	0.184	22.2
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	158600/793	100%	0.414	0.03	23.48	25.00	1.419	0.587	22.2
Back side	10	QPSK 25_14	158600/793	100%	0.373	0.13	23.48	25.00	1.419	0.529	22.2
Left side	10	QPSK 25_14	158600/793	100%	0.335	0.03	23.48	25.00	1.419	0.475	22.2
Right side	10	QPSK 25_14	158600/793	100%	0.138	-0.04	23.48	25.00	1.419	0.196	22.2
Bottom side	10	QPSK 25_14	158600/793	100%	0.115	-0.17	23.48	25.00	1.419	0.163	22.2

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	158600/793	0.818	0.811	1.009	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 n30

SA N30 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)
Receiver on Head Test Data (1RB)											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.697	-0.04	19.45	21.00	1.429	0.996	22.6
Left tilted	10	QPSK 1_1	462000/2310	100%	0.506	-0.12	19.45	21.00	1.429	0.723	22.6
Right cheek	10	QPSK 1_1	462000/2310	100%	0.356	0.14	19.45	21.00	1.429	0.509	22.6
Right tilted	10	QPSK 1_1	462000/2310	100%	0.302	0.17	19.45	21.00	1.429	0.432	22.6
Receiver on Head Test Data (50%RB)											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.678	0.01	19.40	21.00	1.445	0.980	22.6
Left tilted	10	QPSK 25_14	462000/2310	100%	0.482	0.03	19.40	21.00	1.445	0.696	22.6
Right cheek	10	QPSK 25_14	462000/2310	100%	0.344	0.11	19.40	21.00	1.445	0.497	22.6
Right tilted	10	QPSK 25_14	462000/2310	100%	0.292	-0.07	19.40	21.00	1.445	0.422	22.6
Receiver on Head Test Data (100%RB)											
Left cheek	10	QPSK 50_0	462000/2310	100%	0.647	0.05	18.33	20.00	1.469	0.950	22.6
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.697	-0.04	19.45	18.00	0.716	0.499	22.6
Left tilted	10	QPSK 1_1	462000/2310	100%	0.506	-0.12	19.45	18.00	0.716	0.362	22.6
Right cheek	10	QPSK 1_1	462000/2310	100%	0.356	0.14	19.45	18.00	0.716	0.255	22.6
Right tilted	10	QPSK 1_1	462000/2310	100%	0.302	0.17	19.45	18.00	0.716	0.216	22.6
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.678	0.01	19.40	18.00	0.724	0.491	22.6
Left tilted	10	QPSK 25_14	462000/2310	100%	0.482	0.03	19.40	18.00	0.724	0.349	22.6
Right cheek	10	QPSK 25_14	462000/2310	100%	0.344	0.11	19.40	18.00	0.724	0.249	22.6
Right tilted	10	QPSK 25_14	462000/2310	100%	0.292	-0.07	19.40	18.00	0.724	0.211	22.6
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	10	QPSK 50_0	462000/2310	100%	0.647	0.05	18.33	18.00	0.927	0.600	22.6
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.710	-0.04	22.02	23.50	1.406	0.998	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.679	-0.01	22.02	23.50	1.406	0.955	22.6
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.700	-0.09	21.91	23.50	1.442	1.009	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.669	0.16	21.91	23.50	1.442	0.965	22.6
Sensor on Body worn Test data (Separate 5mm 100%RB)											
Front side	10	QPSK 50_0	462000/2310	100%	0.669	-0.08	20.92	22.50	1.439	0.963	22.6
Back side	10	QPSK 50_0	462000/2310	100%	0.647	-0.11	20.92	22.50	1.439	0.931	22.6
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	10	QPSK 1_1	462000/2310	100%	0.710	-0.04	22.02	20.50	0.705	0.501	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.679	-0.01	22.02	20.50	0.705	0.479	22.6
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_14	462000/2310	100%	0.700	-0.09	21.91	20.50	0.723	0.506	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.669	0.16	21.91	20.50	0.723	0.484	22.6
Sensor on Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	10	QPSK 50_0	462000/2310	100%	0.669	-0.08	20.92	20.50	0.908	0.607	22.6
Back side	10	QPSK 50_0	462000/2310	100%	0.647	-0.11	20.92	20.50	0.908	0.587	22.6
Sensor off Body worn Test data 1RB											
Front side-20mm	10	QPSK 1_1	462000/2310	100%	0.256	-0.10	22.21	24.00	1.510	0.387	22.6
Back side-15mm	10	QPSK 1_1	462000/2310	100%	0.311	-0.14	22.21	24.00	1.510	0.470	22.6
Sensor off Body worn Test data 50%RB											
Front side-20mm	10	QPSK 25_14	462000/2310	100%	0.217	-0.09	22.10	24.00	1.549	0.336	22.6
Back side-15mm	10	QPSK 25_14	462000/2310	100%	0.283	0.11	22.10	24.00	1.549	0.438	22.6
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.409	0.05	22.02	23.50	1.406	0.575	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.489	0.10	22.02	23.50	1.406	0.688	22.6

Left side	10	QPSK 1_1	462000/2310	100%	0.089	-0.03	22.02	23.50	1.406	0.125	22.6
Right side	10	QPSK 1_1	462000/2310	100%	0.163	0.08	22.02	23.50	1.406	0.229	22.6
Top side	10	QPSK 1_1	462000/2310	100%	0.191	-0.10	22.02	23.50	1.406	0.269	22.6
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.387	-0.05	21.91	23.50	1.442	0.558	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.452	0.05	21.91	23.50	1.442	0.652	22.6
Left side	10	QPSK 25_14	462000/2310	100%	0.075	0.06	21.91	23.50	1.442	0.108	22.6
Right side	10	QPSK 25_14	462000/2310	100%	0.157	0.18	21.91	23.50	1.442	0.226	22.6
Top side	10	QPSK 25_14	462000/2310	100%	0.187	-0.02	21.91	23.50	1.442	0.270	22.6
Ant1 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.245	-0.13	22.64	24.00	1.368	0.335	22.6
Left tilted	10	QPSK 1_1	462000/2310	100%	0.140	-0.03	22.64	24.00	1.368	0.192	22.6
Right cheek	10	QPSK 1_1	462000/2310	100%	0.557	-0.08	22.64	24.00	1.368	0.762	22.6
Right tilted	10	QPSK 1_1	462000/2310	100%	0.110	0.16	22.64	24.00	1.368	0.150	22.6
Head Test Data (50%RB)											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.224	-0.12	22.57	24.00	1.390	0.311	22.6
Left tilted	10	QPSK 25_14	462000/2310	100%	0.130	-0.15	22.57	24.00	1.390	0.181	22.6
Right cheek	10	QPSK 25_14	462000/2310	100%	0.536	0.12	22.57	24.00	1.390	0.745	22.6
Right tilted	10	QPSK 25_14	462000/2310	100%	0.118	0.18	22.57	24.00	1.390	0.164	22.6
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.245	-0.13	22.64	22.50	0.968	0.237	22.6
Left tilted	10	QPSK 1_1	462000/2310	100%	0.140	-0.03	22.64	22.50	0.968	0.136	22.6
Right cheek	10	QPSK 1_1	462000/2310	100%	0.557	-0.08	22.64	22.50	0.968	0.539	22.6
Right tilted	10	QPSK 1_1	462000/2310	100%	0.110	0.16	22.64	22.50	0.968	0.106	22.6
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.224	-0.12	22.57	22.50	0.984	0.220	22.6
Left tilted	10	QPSK 25_14	462000/2310	100%	0.130	-0.15	22.57	22.50	0.984	0.128	22.6
Right cheek	10	QPSK 25_14	462000/2310	100%	0.536	0.12	22.57	22.50	0.984	0.527	22.6
Right tilted	10	QPSK 25_14	462000/2310	100%	0.118	0.18	22.57	22.50	0.984	0.116	22.6
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.779	0.16	21.61	23.00	1.377	1.073	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.801	-0.04	21.61	23.00	1.377	1.103	22.6
Back side-Repeat SAR	10	QPSK 1_1	462000/2310	100%	0.796	0.15	21.61	23.00	1.377	1.096	22.6
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.763	-0.14	21.60	23.00	1.380	1.053	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.789	-0.14	21.60	23.00	1.380	1.089	22.6
Sensor on Body worn Test data (Separate 5mm 100%RB)											
Front side	10	QPSK 50_0	462000/2310	100%	0.716	0.03	20.48	22.00	1.419	1.016	22.6
Back side	10	QPSK 50_0	462000/2310	100%	0.728	-0.08	20.48	22.00	1.419	1.033	22.6
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	10	QPSK 1_1	462000/2310	100%	0.779	0.16	21.61	19.50	0.615	0.479	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.801	-0.04	21.61	19.50	0.615	0.493	22.6
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_14	462000/2310	100%	0.763	-0.14	21.60	19.50	0.617	0.471	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.789	-0.14	21.60	19.50	0.617	0.487	22.6
Sensor on Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	10	QPSK 50_0	462000/2310	100%	0.716	0.03	20.48	19.50	0.798	0.571	22.6
Back side	10	QPSK 50_0	462000/2310	100%	0.728	-0.08	20.48	19.50	0.798	0.581	22.6
Sensor off Body worn Test data 1RB											
Front side-21mm	10	QPSK 1_1	462000/2310	100%	0.473	-0.16	22.64	24.00	1.368	0.647	22.6
Back side-18mm	10	QPSK 1_1	462000/2310	100%	0.505	0.18	22.64	24.00	1.368	0.691	22.6
Sensor off Body worn Test data 50%RB											
Front side-21mm	10	QPSK 25_14	462000/2310	100%	0.436	0.11	22.57	24.00	1.390	0.606	22.6
Back side-18mm	10	QPSK 25_14	462000/2310	100%	0.458	0.16	22.57	24.00	1.390	0.637	22.6

Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.558	0.08	21.61	23.00	1.377	0.768	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.607	-0.19	21.61	23.00	1.377	0.836	22.6
Left side	10	QPSK 1_1	462000/2310	100%	0.144	-0.11	21.61	23.00	1.377	0.198	22.6
Right side	10	QPSK 1_1	462000/2310	100%	0.667	-0.02	21.61	23.00	1.377	0.918	22.6
Bottom side	10	QPSK 1_1	462000/2310	100%	0.479	-0.09	21.61	23.00	1.377	0.660	22.6
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.543	0.17	21.60	23.00	1.380	0.749	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.594	-0.01	21.60	23.00	1.380	0.820	22.6
Left side	10	QPSK 25_14	462000/2310	100%	0.131	0.12	21.60	23.00	1.380	0.181	22.6
Right side	10	QPSK 25_14	462000/2310	100%	0.655	-0.08	21.60	23.00	1.380	0.904	22.6
Bottom side	10	QPSK 25_14	462000/2310	100%	0.466	-0.03	21.60	23.00	1.380	0.643	22.6
Hotspot Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	462000/2310	100%	0.555	-0.03	20.48	22.00	1.419	0.788	22.6
Right side	10	QPSK 50_0	462000/2310	100%	0.617	0.10	20.48	22.00	1.419	0.876	22.6
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	10	QPSK 1_1	462000/2310	100%	0.558	0.08	21.61	19.50	0.615	0.343	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.607	-0.19	21.61	19.50	0.615	0.373	22.6
Left side	10	QPSK 1_1	462000/2310	100%	0.144	-0.11	21.61	19.50	0.615	0.089	22.6
Right side	10	QPSK 1_1	462000/2310	100%	0.667	-0.02	21.61	19.50	0.615	0.410	22.6
Bottom side	10	QPSK 1_1	462000/2310	100%	0.479	-0.09	21.61	19.50	0.615	0.295	22.6
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_14	462000/2310	100%	0.543	0.17	21.60	19.50	0.617	0.335	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.594	-0.01	21.60	19.50	0.617	0.366	22.6
Left side	10	QPSK 25_14	462000/2310	100%	0.131	0.12	21.60	19.50	0.617	0.081	22.6
Right side	10	QPSK 25_14	462000/2310	100%	0.655	-0.08	21.60	19.50	0.617	0.404	22.6
Bottom side	10	QPSK 25_14	462000/2310	100%	0.466	-0.03	21.60	19.50	0.617	0.288	22.6
Hotspot Evaluate data (Separate 10mm 100%RB) For Simultaneous											
Back side	10	QPSK 50_0	462000/2310	100%	0.555	-0.03	20.48	19.50	0.798	0.443	22.6
Right side	10	QPSK 50_0	462000/2310	100%	0.617	0.10	20.48	19.50	0.798	0.492	22.6

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Back side-5mm	462000/2310	0.801	0.796	1.006	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.21 SAR Result of NR Band n66

SA N66 SAR Test Record											
Ant0 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	40	QPSK 1_1	349000/1745	100%	0.768	-0.18	21.58	23.00	1.387	1.065	22.4
Left tilted	40	QPSK 1_1	349000/1745	100%	0.569	0.06	21.58	23.00	1.387	0.789	22.4
Right cheek	40	QPSK 1_1	349000/1745	100%	0.514	0.05	21.58	23.00	1.387	0.713	22.4
Right tilted	40	QPSK 1_1	349000/1745	100%	0.307	-0.19	21.58	23.00	1.387	0.426	22.4
Receiver on Head Test Data (50%RB)											
Left cheek	40	QPSK 108_54	349000/1745	100%	0.697	0.10	21.50	23.00	1.413	0.985	22.4
Left tilted	40	QPSK 108_54	349000/1745	100%	0.523	0.16	21.50	23.00	1.413	0.739	22.4
Right cheek	40	QPSK 108_54	349000/1745	100%	0.461	0.15	21.50	23.00	1.413	0.651	22.4
Right tilted	40	QPSK 108_54	349000/1745	100%	0.273	0.09	21.50	23.00	1.413	0.386	22.4
Receiver on Head Test Data (100%RB)											
Left cheek	40	QPSK 216_0	349000/1745	100%	0.634	0.16	20.52	22.00	1.406	0.891	22.4
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	40	QPSK 1_1	349000/1745	100%	0.768	-0.18	21.58	20.00	0.695	0.534	22.4
Left tilted	40	QPSK 1_1	349000/1745	100%	0.569	0.06	21.58	20.00	0.695	0.395	22.4
Right cheek	40	QPSK 1_1	349000/1745	100%	0.514	0.05	21.58	20.00	0.695	0.357	22.4
Right tilted	40	QPSK 1_1	349000/1745	100%	0.307	-0.19	21.58	20.00	0.695	0.213	22.4
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	40	QPSK 108_54	349000/1745	100%	0.697	0.10	21.50	20.00	0.708	0.493	22.4
Left tilted	40	QPSK 108_54	349000/1745	100%	0.523	0.16	21.50	20.00	0.708	0.370	22.4
Right cheek	40	QPSK 108_54	349000/1745	100%	0.461	0.15	21.50	20.00	0.708	0.326	22.4
Right tilted	40	QPSK 108_54	349000/1745	100%	0.273	0.09	21.50	20.00	0.708	0.193	22.4
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	40	QPSK 216_0	349000/1745	100%	0.634	0.16	20.52	20.00	0.887	0.562	22.4
Body worn Test data (Separate 5mm 1RB)											
Front side	40	QPSK 1_1	349000/1745	100%	0.589	-0.09	23.55	25.00	1.396	0.822	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.745	-0.16	23.55	25.00	1.396	1.040	22.4
Body worn Test data (Separate 5mm 50%RB)											
Front side	40	QPSK 108_54	349000/1745	100%	0.562	-0.11	23.44	25.00	1.432	0.805	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.723	-0.11	23.44	25.00	1.432	1.035	22.4
Body worn Test data (Separate 5mm 100%RB)											
Front side	40	QPSK 216_0	349000/1745	100%	0.522	-0.13	22.46	24.00	1.426	0.744	22.4
Back side	40	QPSK 216_0	349000/1745	100%	0.701	0.01	22.46	24.00	1.426	1.000	22.4
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	40	QPSK 1_1	349000/1745	100%	0.589	-0.09	23.55	21.50	0.624	0.368	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.745	-0.16	23.55	21.50	0.624	0.465	22.4
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	40	QPSK 108_54	349000/1745	100%	0.562	-0.11	23.44	21.50	0.640	0.360	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.723	-0.11	23.44	21.50	0.640	0.463	22.4
Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	40	QPSK 216_0	349000/1745	100%	0.522	-0.13	22.46	21.50	0.802	0.419	22.4
Back side	40	QPSK 216_0	349000/1745	100%	0.701	0.01	22.46	21.50	0.802	0.562	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	40	QPSK 1_1	349000/1745	100%	0.351	-0.09	23.31	25.00	1.476	0.518	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.455	0.19	23.31	25.00	1.476	0.672	22.4

Left side	40	QPSK 1_1	349000/1745	100%	0.122	-0.08	23.31	25.00	1.476	0.180	22.4
Right side	40	QPSK 1_1	349000/1745	100%	0.387	-0.08	23.31	25.00	1.476	0.571	22.4
Top side	40	QPSK 1_1	349000/1745	100%	0.172	0.09	23.31	25.00	1.476	0.254	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	40	QPSK 108_54	349000/1745	100%	0.348	0.09	23.20	25.00	1.514	0.527	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.447	-0.18	23.20	25.00	1.514	0.677	22.4
Left side	40	QPSK 108_54	349000/1745	100%	0.117	0.03	23.20	25.00	1.514	0.177	22.4
Right side	40	QPSK 108_54	349000/1745	100%	0.365	-0.10	23.20	25.00	1.514	0.553	22.4
Top side	40	QPSK 108_54	349000/1745	100%	0.162	0.19	23.20	25.00	1.514	0.245	22.4
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	40	QPSK 1_1	349000/1745	100%	0.351	-0.09	23.31	21.50	0.659	0.231	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.455	0.19	23.31	21.50	0.659	0.300	22.4
Left side	40	QPSK 1_1	349000/1745	100%	0.122	-0.08	23.31	21.50	0.659	0.080	22.4
Right side	40	QPSK 1_1	349000/1745	100%	0.387	-0.08	23.31	21.50	0.659	0.255	22.4
Top side	40	QPSK 1_1	349000/1745	100%	0.172	0.09	23.31	21.50	0.659	0.113	22.4
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	40	QPSK 108_54	349000/1745	100%	0.348	0.09	23.20	21.50	0.676	0.235	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.447	-0.18	23.20	21.50	0.676	0.302	22.4
Left side	40	QPSK 108_54	349000/1745	100%	0.117	0.03	23.20	21.50	0.676	0.079	22.4
Right side	40	QPSK 108_54	349000/1745	100%	0.365	-0.10	23.20	21.50	0.676	0.247	22.4
Top side	40	QPSK 108_54	349000/1745	100%	0.162	0.19	23.20	21.50	0.676	0.110	22.4
Ant1 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	40	QPSK 1_1	349000/1745	100%	0.224	0.05	23.47	25.00	1.422	0.319	22.4
Left tilted	40	QPSK 1_1	349000/1745	100%	0.067	0.08	23.47	25.00	1.422	0.095	22.4
Right cheek	40	QPSK 1_1	349000/1745	100%	0.476	-0.13	23.47	25.00	1.422	0.677	22.4
Right tilted	40	QPSK 1_1	349000/1745	100%	0.059	-0.16	23.47	25.00	1.422	0.084	22.4
Head Test Data (50%RB)											
Left cheek	40	QPSK 108_54	349000/1745	100%	0.198	-0.03	23.31	25.00	1.476	0.292	22.4
Left tilted	40	QPSK 108_54	349000/1745	100%	0.071	-0.11	23.31	25.00	1.476	0.105	22.4
Right cheek	40	QPSK 108_54	349000/1745	100%	0.456	0.14	23.31	25.00	1.476	0.673	22.4
Right tilted	40	QPSK 108_54	349000/1745	100%	0.050	-0.14	23.31	25.00	1.476	0.074	22.4
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	40	QPSK 1_1	349000/1745	100%	0.224	0.05	23.47	24.00	1.130	0.253	22.4
Left tilted	40	QPSK 1_1	349000/1745	100%	0.067	0.08	23.47	24.00	1.130	0.076	22.4
Right cheek	40	QPSK 1_1	349000/1745	100%	0.476	-0.13	23.47	24.00	1.130	0.538	22.4
Right tilted	40	QPSK 1_1	349000/1745	100%	0.059	-0.16	23.47	24.00	1.130	0.067	22.4
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	40	QPSK 108_54	349000/1745	100%	0.198	-0.03	23.31	24.00	1.172	0.232	22.4
Left tilted	40	QPSK 108_54	349000/1745	100%	0.071	-0.11	23.31	24.00	1.172	0.083	22.4
Right cheek	40	QPSK 108_54	349000/1745	100%	0.456	0.14	23.31	24.00	1.172	0.534	22.4
Right tilted	40	QPSK 108_54	349000/1745	100%	0.050	-0.14	23.31	24.00	1.172	0.059	22.4
Body worn Test data (Separate 5mm 1RB)											
Front side	40	QPSK 1_1	349000/1745	100%	0.789	-0.04	23.47	25.00	1.422	1.122	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.735	0.09	23.47	25.00	1.422	1.045	22.4
Body worn Test data (Separate 5mm 50%RB)											
Front side	40	QPSK 108_54	349000/1745	100%	0.736	-0.18	23.31	25.00	1.476	1.086	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.704	-0.11	23.31	25.00	1.476	1.039	22.4
Body worn Test data (Separate 5mm 100%RB)											

Front side	40	QPSK 216_0	349000/1745	100%	0.663	-0.05	22.10	24.00	1.549	1.027	22.4
Back side	40	QPSK 216_0	349000/1745	100%	0.627	0.13	22.10	24.00	1.549	0.971	22.4
Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	40	QPSK 1_1	349000/1745	100%	0.789	-0.04	23.47	21.50	0.635	0.501	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.735	0.09	23.47	21.50	0.635	0.467	22.4
Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	40	QPSK 108_54	349000/1745	100%	0.736	-0.18	23.31	21.50	0.659	0.485	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.704	-0.11	23.31	21.50	0.659	0.464	22.4
Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	40	QPSK 216_0	349000/1745	100%	0.663	-0.05	22.10	21.50	0.871	0.577	22.4
Back side	40	QPSK 216_0	349000/1745	100%	0.627	0.13	22.10	21.50	0.871	0.546	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	40	QPSK 1_1	349000/1745	100%	0.620	-0.09	23.47	25.00	1.422	0.882	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.605	0.08	23.47	25.00	1.422	0.860	22.4
Left side	40	QPSK 1_1	349000/1745	100%	0.038	0.15	23.47	25.00	1.422	0.054	22.4
Right side	40	QPSK 1_1	349000/1745	100%	0.278	0.04	23.47	25.00	1.422	0.395	22.4
Bottom side	40	QPSK 1_1	349000/1745	100%	0.762	-0.08	23.47	25.00	1.422	1.084	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	40	QPSK 108_54	349000/1745	100%	0.602	0.00	23.31	25.00	1.476	0.889	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.585	0.11	23.31	25.00	1.476	0.863	22.4
Left side	40	QPSK 108_54	349000/1745	100%	0.010	-0.15	23.31	25.00	1.476	0.015	22.4
Right side	40	QPSK 108_54	349000/1745	100%	0.255	0.00	23.31	25.00	1.476	0.376	22.4
Bottom side	40	QPSK 108_54	349000/1745	100%	0.722	-0.17	23.31	25.00	1.476	1.066	22.4
Hotspot Test data (Separate 10mm 100%RB)											
Front side	40	QPSK 216_0	349000/1745	100%	0.578	-0.16	22.10	24.00	1.549	0.895	22.4
Back side	40	QPSK 216_0	349000/1745	100%	0.563	-0.07	22.10	24.00	1.549	0.872	22.4
Bottom side	40	QPSK 216_0	349000/1745	100%	0.687	0.16	22.10	24.00	1.549	1.064	22.4
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	40	QPSK 1_1	349000/1745	100%	0.620	-0.09	23.47	21.50	0.635	0.394	22.4
Back side	40	QPSK 1_1	349000/1745	100%	0.605	0.08	23.47	21.50	0.635	0.384	22.4
Left side	40	QPSK 1_1	349000/1745	100%	0.038	0.15	23.47	21.50	0.635	0.024	22.4
Right side	40	QPSK 1_1	349000/1745	100%	0.278	0.04	23.47	21.50	0.635	0.177	22.4
Bottom side	40	QPSK 1_1	349000/1745	100%	0.762	-0.08	23.47	21.50	0.635	0.484	22.4
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	40	QPSK 108_54	349000/1745	100%	0.602	0.00	23.31	21.50	0.659	0.397	22.4
Back side	40	QPSK 108_54	349000/1745	100%	0.585	0.11	23.31	21.50	0.659	0.386	22.4
Left side	40	QPSK 108_54	349000/1745	100%	0.010	-0.15	23.31	21.50	0.659	0.007	22.4
Right side	40	QPSK 108_54	349000/1745	100%	0.255	0.00	23.31	21.50	0.659	0.168	22.4
Bottom side	40	QPSK 108_54	349000/1745	100%	0.722	-0.17	23.31	21.50	0.659	0.476	22.4
Hotspot Evaluate data (Separate 10mm 100%RB) For Simultaneous											
Front side	40	QPSK 216_0	349000/1745	100%	0.578	-0.16	22.10	21.50	0.871	0.503	22.4
Back side	40	QPSK 216_0	349000/1745	100%	0.563	-0.07	22.10	21.50	0.871	0.490	22.4
Bottom side	40	QPSK 216_0	349000/1745	100%	0.687	0.16	22.10	21.50	0.871	0.598	22.4

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

SA N77 SAR Test Record											
Ant2 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.660	0.09	16.21	17.00	1.199	0.791	22.5
Left tilted	100	QPSK 1_1	633334/3500	100%	0.130	0.04	16.21	17.00	1.199	0.156	22.5
Right cheek	100	QPSK 1_1	633334/3500	100%	0.303	-0.04	16.21	17.00	1.199	0.363	22.5
Right tilted	100	QPSK 1_1	633334/3500	100%	0.101	0.07	16.21	17.00	1.199	0.121	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.636	0.14	16.07	17.00	1.239	0.788	22.5
Left tilted	100	QPSK 135_69	633334/3500	100%	0.123	0.19	16.07	17.00	1.239	0.152	22.5
Right cheek	100	QPSK 135_69	633334/3500	100%	0.269	0.19	16.07	17.00	1.239	0.333	22.5
Right tilted	100	QPSK 135_69	633334/3500	100%	0.091	0.17	16.07	17.00	1.239	0.113	22.5
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.660	0.09	16.21	13.50	0.536	0.354	22.5
Left tilted	100	QPSK 1_1	633334/3500	100%	0.130	0.04	16.21	13.50	0.536	0.070	22.5
Right cheek	100	QPSK 1_1	633334/3500	100%	0.303	-0.04	16.21	13.50	0.536	0.162	22.5
Right tilted	100	QPSK 1_1	633334/3500	100%	0.101	0.07	16.21	13.50	0.536	0.054	22.5
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.636	0.14	16.07	13.50	0.553	0.352	22.5
Left tilted	100	QPSK 135_69	633334/3500	100%	0.123	0.19	16.07	13.50	0.553	0.068	22.5
Right cheek	100	QPSK 135_69	633334/3500	100%	0.269	0.19	16.07	13.50	0.553	0.149	22.5
Right tilted	100	QPSK 135_69	633334/3500	100%	0.091	0.17	16.07	13.50	0.553	0.050	22.5
Body worn Test data (Separate 5mm 1RB)											
Front side	100	QPSK 1_1	633334/3500	100%	0.371	0.02	14.59	15.50	1.233	0.457	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.366	-0.17	14.59	15.50	1.233	0.451	22.5
Body worn Test data (Separate 5mm 50%RB)											
Front side	100	QPSK 135_69	633334/3500	100%	0.356	-0.17	14.50	15.50	1.259	0.448	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.350	0.05	14.50	15.50	1.259	0.441	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	100	QPSK 1_1	633334/3500	100%	0.251	-0.11	14.59	15.50	1.233	0.309	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.239	-0.09	14.59	15.50	1.233	0.295	22.5
Left side	100	QPSK 1_1	633334/3500	100%	0.736	0.03	14.59	15.50	1.233	0.907	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	100	QPSK 135_69	633334/3500	100%	0.231	-0.05	14.50	15.50	1.259	0.291	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.222	-0.12	14.50	15.50	1.259	0.279	22.5
Left side	100	QPSK 135_69	633334/3500	100%	0.665	-0.01	14.50	15.50	1.259	0.837	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	100	QPSK 270_0	633334/3500	100%	0.607	0.14	13.54	14.50	1.247	0.757	22.5
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	633334/3500	100%	0.251	-0.11	14.59	12.50	0.618	0.155	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.239	-0.09	14.59	12.50	0.618	0.148	22.5
Left side	100	QPSK 1_1	633334/3500	100%	0.736	0.03	14.59	12.50	0.618	0.455	22.5
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	633334/3500	100%	0.231	-0.05	14.50	12.50	0.631	0.146	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.222	-0.12	14.50	12.50	0.631	0.140	22.5
Left side	100	QPSK 135_69	633334/3500	100%	0.665	-0.01	14.50	12.50	0.631	0.420	22.5
Hotspot Evaluate data (Separate 10mm 100%RB) For Simultaneous											

Left side	100	QPSK 270_0	633334/3500	100%	0.607	0.14	13.54	12.50	0.787	0.478	22.5
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)
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.333	-0.15	15.23	16.00	1.194	0.398	22.5
Left tilted	100	QPSK 1_1	633334/3500	100%	0.280	0.09	15.23	16.00	1.194	0.334	22.5
Right cheek	100	QPSK 1_1	633334/3500	100%	0.536	-0.15	15.23	16.00	1.194	0.640	22.5
Right tilted	100	QPSK 1_1	633334/3500	100%	0.419	0.00	15.23	16.00	1.194	0.500	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.294	0.17	15.17	16.00	1.211	0.356	22.5
Left tilted	100	QPSK 135_69	633334/3500	100%	0.256	-0.05	15.17	16.00	1.211	0.310	22.5
Right cheek	100	QPSK 135_69	633334/3500	100%	0.540	0.04	15.17	16.00	1.211	0.654	22.5
Right tilted	100	QPSK 135_69	633334/3500	100%	0.396	0.05	15.17	16.00	1.211	0.480	22.5
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.333	-0.15	15.23	12.50	0.533	0.177	22.5
Left tilted	100	QPSK 1_1	633334/3500	100%	0.280	0.09	15.23	12.50	0.533	0.149	22.5
Right cheek	100	QPSK 1_1	633334/3500	100%	0.536	-0.15	15.23	12.50	0.533	0.286	22.5
Right tilted	100	QPSK 1_1	633334/3500	100%	0.419	0.00	15.23	12.50	0.533	0.223	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.294	0.17	15.17	12.50	0.541	0.159	22.5
Left tilted	100	QPSK 135_69	633334/3500	100%	0.256	-0.05	15.17	12.50	0.541	0.138	22.5
Right cheek	100	QPSK 135_69	633334/3500	100%	0.540	0.04	15.17	12.50	0.541	0.292	22.5
Right tilted	100	QPSK 135_69	633334/3500	100%	0.396	0.05	15.17	12.50	0.541	0.214	22.5
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	100	QPSK 1_1	633334/3500	100%	0.439	0.09	17.29	18.50	1.321	0.580	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.406	-0.08	17.29	18.50	1.321	0.536	22.5
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	100	QPSK 135_69	633334/3500	100%	0.392	-0.07	17.24	18.50	1.337	0.524	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.362	0.12	17.24	18.50	1.337	0.484	22.5
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	633334/3500	100%	0.439	0.09	17.29	17.00	0.935	0.410	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.406	-0.08	17.29	17.00	0.935	0.380	22.5
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	633334/3500	100%	0.392	-0.07	17.24	17.00	0.946	0.371	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.362	0.12	17.24	17.00	0.946	0.342	22.5
Sensor off Body worn Test data 1RB											
Front side-12mm	100	QPSK 1_1	633334/3500	100%	0.203	0.03	25.22	27.00	1.507	0.306	22.5
Back side-15mm	100	QPSK 1_1	633334/3500	100%	0.173	-0.13	25.22	27.00	1.507	0.261	22.5
Sensor off Body worn Test data 50%RB											
Front side-12mm	100	QPSK 135_69	633334/3500	100%	0.169	0.00	25.13	27.00	1.538	0.260	22.5
Back side-15mm	100	QPSK 135_69	633334/3500	100%	0.122	0.07	25.13	27.00	1.538	0.188	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	100	QPSK 1_1	633334/3500	100%	0.114	-0.05	17.29	18.50	1.321	0.151	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.106	0.03	17.29	18.50	1.321	0.140	22.5
Left side	100	QPSK 1_1	633334/3500	100%	0.576	0.05	17.29	18.50	1.321	0.761	22.5
Top side	100	QPSK 1_1	633334/3500	100%	0.081	0.19	17.29	18.50	1.321	0.107	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	100	QPSK 135_69	633334/3500	100%	0.109	0.11	17.24	18.50	1.337	0.146	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.100	0.12	17.24	18.50	1.337	0.134	22.5
Left side	100	QPSK 135_69	633334/3500	100%	0.557	0.08	17.24	18.50	1.337	0.745	22.5



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Top side	100	QPSK 135_69	633334/3500	100%	0.073	0.08	17.24	18.50	1.337	0.098	22.5
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	633334/3500	100%	0.114	-0.05	17.29	15.00	0.590	0.067	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.106	0.03	17.29	15.00	0.590	0.063	22.5
Left side	100	QPSK 1_1	633334/3500	100%	0.576	0.05	17.29	15.00	0.590	0.340	22.5
Top side	100	QPSK 1_1	633334/3500	100%	0.081	0.19	17.29	15.00	0.590	0.048	22.5
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	633334/3500	100%	0.109	0.11	17.24	15.00	0.597	0.065	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.100	0.12	17.24	15.00	0.597	0.060	22.5
Left side	100	QPSK 135_69	633334/3500	100%	0.557	0.08	17.24	15.00	0.597	0.333	22.5
Top side	100	QPSK 135_69	633334/3500	100%	0.073	0.08	17.24	15.00	0.597	0.044	22.5

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

SA N77 SAR Test Record											
Ant2 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.821	0.09	15.75	17.00	1.334	1.095	22.5
Left cheek-Repeat SAR	100	QPSK 1_1	650000/3750	100%	0.817	0.03	15.75	17.00	1.334	1.090	22.5
Left cheek	100	QPSK 1_1	662000/3930	100%	0.756	0.10	15.74	17.00	1.337	1.011	22.5
Left tilted	100	QPSK 1_1	650000/3750	100%	0.187	0.13	15.75	17.00	1.334	0.249	22.5
Right cheek	100	QPSK 1_1	650000/3750	100%	0.314	0.12	15.75	17.00	1.334	0.419	22.5
Right tilted	100	QPSK 1_1	650000/3750	100%	0.134	0.06	15.75	17.00	1.334	0.179	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.802	-0.08	15.71	17.00	1.346	1.079	22.5
Left cheek	100	QPSK 135_69	662000/3930	100%	0.727	0.05	15.68	17.00	1.355	0.985	22.5
Left tilted	100	QPSK 135_69	650000/3750	100%	0.178	-0.11	15.71	17.00	1.346	0.240	22.5
Right cheek	100	QPSK 135_69	650000/3750	100%	0.283	-0.19	15.71	17.00	1.346	0.381	22.5
Right tilted	100	QPSK 135_69	650000/3750	100%	0.121	0.11	15.71	17.00	1.346	0.163	22.5
Receiver on Head Test Data (100%RB)											
Left cheek	100	QPSK 270_0	650000/3750	100%	0.736	0.17	14.65	16.00	1.365	1.005	22.5
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.821	0.09	15.75	13.50	0.596	0.489	22.5
Left cheek	100	QPSK 1_1	662000/3930	100%	0.756	0.10	15.74	13.50	0.597	0.451	22.5
Left tilted	100	QPSK 1_1	650000/3750	100%	0.187	0.13	15.75	13.50	0.596	0.111	22.5
Right cheek	100	QPSK 1_1	650000/3750	100%	0.314	0.12	15.75	13.50	0.596	0.187	22.5
Right tilted	100	QPSK 1_1	650000/3750	100%	0.134	0.06	15.75	13.50	0.596	0.080	22.5
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.802	-0.08	15.71	13.50	0.601	0.482	22.5
Left cheek	100	QPSK 135_69	662000/3930	100%	0.727	0.05	15.68	13.50	0.605	0.440	22.5
Left tilted	100	QPSK 135_69	650000/3750	100%	0.178	-0.11	15.71	13.50	0.601	0.107	22.5
Right cheek	100	QPSK 135_69	650000/3750	100%	0.283	-0.19	15.71	13.50	0.601	0.170	22.5
Right tilted	100	QPSK 135_69	650000/3750	100%	0.121	0.11	15.71	13.50	0.601	0.073	22.5
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	100	QPSK 270_0	650000/3750	100%	0.736	0.17	14.65	13.50	0.767	0.565	22.5
Body worn Test data (Separate 5mm 1RB)											
Front side	100	QPSK 1_1	650000/3750	100%	0.409	0.09	14.63	15.50	1.222	0.500	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.391	0.12	14.63	15.50	1.222	0.478	22.5
Body worn Test data (Separate 5mm 50%RB)											
Front side	100	QPSK 135_69	650000/3750	100%	0.389	-0.01	14.57	15.50	1.239	0.482	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.374	-0.07	14.57	15.50	1.239	0.463	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	100	QPSK 1_1	650000/3750	100%	0.289	0.01	14.63	15.50	1.222	0.353	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.291	-0.06	14.63	15.50	1.222	0.356	22.5
Left side	100	QPSK 1_1	650000/3750	100%	0.830	-0.08	14.63	15.50	1.222	1.014	22.5
Left side-Repeat SAR	100	QPSK 1_1	650000/3750	100%	0.825	0.12	14.63	15.50	1.222	1.008	22.5
Left side	100	QPSK 1_1	662000/3930	100%	0.773	0.04	14.57	15.50	1.239	0.958	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	100	QPSK 135_69	650000/3750	100%	0.254	0.03	14.57	15.50	1.239	0.315	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.263	0.19	14.57	15.50	1.239	0.326	22.5
Left side	100	QPSK 135_69	650000/3750	100%	0.789	0.08	14.57	15.50	1.239	0.978	22.5
Left side	100	QPSK 135_69	662000/3930	100%	0.724	-0.18	14.61	15.50	1.227	0.888	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	100	QPSK 270_0	650000/3750	100%	0.724	-0.10	13.60	14.50	1.230	0.891	22.5
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	650000/3750	100%	0.289	0.01	14.63	12.50	0.612	0.177	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.291	-0.06	14.63	12.50	0.612	0.178	22.5

Left side	100	QPSK 1_1	650000/3750	100%	0.830	-0.08	14.63	12.50	0.612	0.508	22.5
Left side	100	QPSK 1_1	662000/3930	100%	0.773	0.04	14.57	12.50	0.621	0.480	22.5
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	650000/3750	100%	0.254	0.03	14.57	12.50	0.621	0.158	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.263	0.19	14.57	12.50	0.621	0.163	22.5
Left side	100	QPSK 135_69	650000/3750	100%	0.789	0.08	14.57	12.50	0.621	0.490	22.5
Left side	100	QPSK 135_69	662000/3930	100%	0.724	-0.18	14.61	12.50	0.615	0.445	22.5
Hotspot Evaluate data (Separate 10mm 100%RB) For Simultaneous											
Left side	100	QPSK 270_0	650000/3750	100%	0.724	-0.10	13.60	12.50	0.776	0.562	22.5
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)
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.430	-0.16	15.06	16.00	1.242	0.534	22.5
Left tilted	100	QPSK 1_1	650000/3750	100%	0.344	0.15	15.06	16.00	1.242	0.427	22.5
Right cheek	100	QPSK 1_1	650000/3750	100%	0.818	0.06	15.06	16.00	1.242	1.016	22.5
Right cheek	100	QPSK 1_1	662000/3930	100%	0.769	-0.07	15.04	16.00	1.247	0.959	22.5
Right tilted	100	QPSK 1_1	650000/3750	100%	0.589	-0.14	15.06	16.00	1.242	0.732	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.403	0.19	14.84	16.00	1.306	0.526	22.5
Left tilted	100	QPSK 135_69	650000/3750	100%	0.328	-0.16	14.84	16.00	1.306	0.428	22.5
Right cheek	100	QPSK 135_69	650000/3750	100%	0.773	-0.04	14.84	16.00	1.306	1.010	22.5
Right cheek	100	QPSK 135_69	662000/3930	100%	0.734	0.07	14.77	16.00	1.327	0.974	22.5
Right tilted	100	QPSK 135_69	650000/3750	100%	0.571	-0.18	14.84	16.00	1.306	0.746	22.5
Receiver on Head Test Data (100%RB)											
Right cheek	100	QPSK 270_0	650000/3750	100%	0.715	-0.08	13.85	15.00	1.303	0.932	22.5
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.430	-0.16	15.06	12.50	0.555	0.239	22.5
Left tilted	100	QPSK 1_1	650000/3750	100%	0.344	0.15	15.06	12.50	0.555	0.191	22.5
Right cheek	100	QPSK 1_1	650000/3750	100%	0.818	0.06	15.06	12.50	0.555	0.454	22.5
Right cheek	100	QPSK 1_1	662000/3930	100%	0.769	-0.07	15.04	12.50	0.557	0.428	22.5
Right tilted	100	QPSK 1_1	650000/3750	100%	0.589	-0.14	15.06	12.50	0.555	0.327	22.5
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.403	0.19	14.84	12.50	0.583	0.235	22.5
Left tilted	100	QPSK 135_69	650000/3750	100%	0.328	-0.16	14.84	12.50	0.583	0.191	22.5
Right cheek	100	QPSK 135_69	650000/3750	100%	0.773	-0.04	14.84	12.50	0.583	0.451	22.5
Right cheek	100	QPSK 135_69	662000/3930	100%	0.734	0.07	14.77	12.50	0.593	0.435	22.5
Right tilted	100	QPSK 135_69	650000/3750	100%	0.571	-0.18	14.84	12.50	0.583	0.333	22.5
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Right cheek	100	QPSK 270_0	650000/3750	100%	0.715	-0.08	13.85	12.50	0.733	0.524	22.5
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	100	QPSK 1_1	650000/3750	100%	0.597	-0.08	17.32	18.50	1.312	0.783	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.456	-0.01	17.32	18.50	1.312	0.598	22.5
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	100	QPSK 135_69	650000/3750	100%	0.539	-0.05	17.15	18.50	1.365	0.736	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.425	-0.02	17.15	18.50	1.365	0.580	22.5
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	650000/3750	100%	0.597	-0.08	17.32	17.00	0.929	0.555	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.456	-0.01	17.32	17.00	0.929	0.424	22.5
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	650000/3750	100%	0.539	-0.05	17.15	17.00	0.966	0.521	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.425	-0.02	17.15	17.00	0.966	0.411	22.5
Sensor off Body worn Test data 1RB											
Front side-12mm	100	QPSK 1_1	650000/3750	100%	0.236	-0.06	25.32	27.00	1.472	0.347	22.5
Back side-15mm	100	QPSK 1_1	650000/3750	100%	0.207	0.04	25.32	27.00	1.472	0.305	22.5
Sensor off Body worn Test data 50%RB											
Front side-12mm	100	QPSK 135_69	650000/3750	100%	0.200	0.05	25.16	27.00	1.528	0.306	22.5

Back side-15mm	100	QPSK 135_69	650000/3750	100%	0.188	0.12	25.16	27.00	1.528	0.287	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	100	QPSK 1_1	650000/3750	100%	0.219	0.16	17.32	18.50	1.312	0.287	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.176	-0.06	17.32	18.50	1.312	0.231	22.5
Left side	100	QPSK 1_1	650000/3750	100%	0.802	0.02	17.32	18.50	1.312	1.052	22.5
Left side	100	QPSK 1_1	662000/3930	100%	0.726	-0.09	17.28	18.50	1.324	0.961	22.5
Top side	100	QPSK 1_1	650000/3750	100%	0.158	0.07	17.32	18.50	1.312	0.207	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	100	QPSK 135_69	650000/3750	100%	0.202	-0.19	17.15	18.50	1.365	0.276	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.168	-0.02	17.15	18.50	1.365	0.229	22.5
Left side	100	QPSK 135_69	650000/3750	100%	0.766	-0.01	17.15	18.50	1.365	1.046	22.5
Left side	100	QPSK 135_69	662000/3930	100%	0.702	0.08	17.14	18.50	1.368	0.960	22.5
Top side	100	QPSK 135_69	650000/3750	100%	0.139	-0.06	17.15	18.50	1.365	0.190	22.5
Hotspot Test data (Separate 10mm 100%RB)											
Left side	100	QPSK 270_0	650000/3750	100%	0.716	-0.06	16.18	17.50	1.355	0.970	22.5
Hotspot Evaluate data (Separate 10mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	650000/3750	100%	0.219	0.16	17.32	15.00	0.586	0.128	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.176	-0.06	17.32	15.00	0.586	0.103	22.5
Left side	100	QPSK 1_1	650000/3750	100%	0.802	0.02	17.32	15.00	0.586	0.470	22.5
Left side	100	QPSK 1_1	662000/3930	100%	0.726	-0.09	17.28	15.00	0.592	0.430	22.5
Top side	100	QPSK 1_1	650000/3750	100%	0.158	0.07	17.32	15.00	0.586	0.093	22.5
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	650000/3750	100%	0.202	-0.19	17.15	15.00	0.610	0.123	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.168	-0.02	17.15	15.00	0.610	0.102	22.5
Left side	100	QPSK 135_69	650000/3750	100%	0.766	-0.01	17.15	15.00	0.610	0.467	22.5
Left side	100	QPSK 135_69	662000/3930	100%	0.702	0.08	17.14	15.00	0.611	0.429	22.5
Top side	100	QPSK 135_69	650000/3750	100%	0.139	-0.06	17.15	15.00	0.610	0.085	22.5
Hotspot Evaluate data (Separate 10mm 100%RB) For Simultaneous											
Left side	100	QPSK 270_0	650000/3750	100%	0.716	-0.06	16.18	15.00	0.762	0.546	22.5

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	650000/3750	0.821	0.817	1.005	N/A	N/A
Left side-10mm	650000/3750	0.830	0.825	1.006	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.

8.3.24 SAR Result of WIFI 2.4G

Wi-Fi 2.4G SAR Test Record											
Ant6 Test Record chain0											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data											
Left cheek	802.11b	6/2437	98.72%	1.013	0.166	-0.13	18.64	19.00	1.086	0.183	22.5
Left tilted	802.11b	6/2437	98.72%	1.013	0.163	-0.15	18.64	19.00	1.086	0.179	22.5
Right cheek	802.11b	6/2437	98.72%	1.013	0.161	0.17	18.64	19.00	1.086	0.177	22.5
Right tilted	802.11b	6/2437	98.72%	1.013	0.181	0.03	18.64	19.00	1.086	0.199	22.5
Body worn Test data (Separate 5mm)											
Front side	802.11b	6/2437	98.72%	1.013	0.132	0.15	18.64	19.00	1.086	0.145	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.321	0.05	18.64	19.00	1.086	0.353	22.5
Body worn Evaluate data (Separate 5mm) For Simultaneous											
Front side	802.11b	6/2437	98.72%	1.013	0.132	0.15	18.64	17.50	0.769	0.103	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.321	0.05	18.64	17.50	0.769	0.250	22.5
Hotspot Test data (Separate 10mm)											
Front side	802.11b	6/2437	98.72%	1.013	0.094	0.18	18.64	19.00	1.086	0.103	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.156	0.12	18.64	19.00	1.086	0.172	22.5
Left side	802.11b	6/2437	98.72%	1.013	0.049	0.16	18.64	19.00	1.086	0.054	22.5
Right side	802.11b	6/2437	98.72%	1.013	0.040	0.17	18.64	19.00	1.086	0.044	22.5
Top side	802.11b	6/2437	98.72%	1.013	0.113	0.03	18.64	19.00	1.086	0.124	22.5
Ant7 Test Record chain1											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data											
Left cheek	802.11b	6/2437	98.72%	1.013	0.157	-0.17	18.43	19.00	1.140	0.181	22.5
Left tilted	802.11b	6/2437	98.72%	1.013	0.000	-0.07	18.43	19.00	1.140	0.000	22.5
Right cheek	802.11b	6/2437	98.72%	1.013	0.132	-0.01	18.43	19.00	1.140	0.152	22.5
Right tilted	802.11b	6/2437	98.72%	1.013	0.000	0.15	18.43	19.00	1.140	0.000	22.5
Body worn Test data (Separate 5mm)											
Front side	802.11b	6/2437	98.72%	1.013	0.484	0.02	18.43	19.00	1.140	0.559	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.241	-0.10	18.43	19.00	1.140	0.278	22.5
Body worn Evaluate data (Separate 5mm) For Simultaneous											
Front side	802.11b	6/2437	98.72%	1.013	0.484	0.02	18.43	17.50	0.807	0.396	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.241	-0.10	18.43	17.50	0.807	0.197	22.5
Hotspot Test data (Separate 10mm)											
Front side	802.11b	6/2437	98.72%	1.013	0.261	0.03	18.43	19.00	1.140	0.301	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.190	0.10	18.43	19.00	1.140	0.219	22.5
Left side	802.11b	6/2437	98.72%	1.013	0.349	0.06	18.43	19.00	1.140	0.403	22.5
Bottom side	802.11b	6/2437	98.72%	1.013	0.111	0.11	18.43	19.00	1.140	0.128	22.5
MIMO Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data											
Left cheek	802.11b	6/2437	98.72%	1.013	0.206	-0.18	21.55	22.00	1.110	0.232	22.5
Left tilted	802.11b	6/2437	98.72%	1.013	0.204	-0.17	21.55	22.00	1.110	0.229	22.5
Right cheek	802.11b	6/2437	98.72%	1.013	0.196	-0.08	21.55	22.00	1.110	0.220	22.5