

8.3.19 SAR Result of NR Band n30

SA N30 SAR Test Record											
Ant5 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) Receiver on											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.408	0.15	19.35	20.00	1.161	0.474	22.9
Left tilted	10	QPSK 1_1	462000/2310	100%	0.341	0.16	19.35	20.00	1.161	0.396	22.9
Right cheek	10	QPSK 1_1	462000/2310	100%	1.030	-0.05	19.35	20.00	1.161	1.196	22.9
Right cheek-repeated sar	10	QPSK 1_1	462000/2310	100%	1.020	0.01	19.35	20.00	1.161	1.184	22.9
Right tilted	10	QPSK 1_1	462000/2310	100%	0.633	-0.06	19.35	20.00	1.161	0.735	22.9
Head Test Data (50%RB) Receiver on											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.420	0.18	18.35	19.00	1.161	0.488	22.9
Left tilted	10	QPSK 25_14	462000/2310	100%	0.336	-0.17	18.35	19.00	1.161	0.390	22.9
Right cheek	10	QPSK 25_14	462000/2310	100%	0.980	-0.09	18.35	19.00	1.161	1.138	22.9
Right tilted	10	QPSK 25_14	462000/2310	100%	0.639	-0.19	18.35	19.00	1.161	0.742	22.9
Head Test Data (100%RB) Receiver on											
Right cheek	10	QPSK 50_0	462000/2310	100%	0.822	0.03	18.26	19.00	1.186	0.975	22.9
Body worn Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.393	0.05	23.36	24.00	1.159	0.455	22.9
Back side	10	QPSK 1_1	462000/2310	100%	0.914	-0.02	23.36	24.00	1.159	1.059	22.9
Back side-repeated sar	10	QPSK 1_1	462000/2310	100%	0.902	0.03	23.36	24.00	1.159	1.045	22.9
Body worn Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.414	-0.02	23.22	24.00	1.197	0.496	22.9
Back side	10	QPSK 25_14	462000/2310	100%	0.871	0.13	23.22	24.00	1.197	1.043	22.9
Body worn Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	462000/2310	100%	0.781	0.09	22.23	23.00	1.194	0.933	22.9
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.393	0.05	23.36	24.00	1.159	0.455	22.9
Back side	10	QPSK 1_1	462000/2310	100%	0.914	-0.02	23.36	24.00	1.159	1.059	22.9
Back side-repeated sar	10	QPSK 1_1	462000/2310	100%	0.902	0.03	23.36	24.00	1.159	1.045	22.9
Left side	10	QPSK 1_1	462000/2310	100%	0.219	-0.17	23.36	24.00	1.159	0.254	22.9
Top side	10	QPSK 1_1	462000/2310	100%	0.353	-0.13	23.36	24.00	1.159	0.409	22.9
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.414	-0.02	23.22	24.00	1.197	0.496	22.9
Back side	10	QPSK 25_14	462000/2310	100%	0.871	0.13	23.22	24.00	1.197	1.043	22.9
Left side	10	QPSK 25_14	462000/2310	100%	0.257	-0.06	23.22	24.00	1.197	0.308	22.9
Top side	10	QPSK 25_14	462000/2310	100%	0.389	-0.14	23.22	24.00	1.197	0.466	22.9
Hotspot Test data (Separate 10mm 100%RB)											
Back side	10	QPSK 50_0	462000/2310	100%	0.781	0.09	22.23	23.00	1.194	0.933	22.9
Ant4 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.061	-0.03	23.52	24.00	1.117	0.068	22.9
Left tilted	10	QPSK 1_1	462000/2310	100%	0.063	-0.08	23.52	24.00	1.117	0.070	22.9
Right cheek	10	QPSK 1_1	462000/2310	100%	0.000	0.19	23.52	24.00	1.117	0.000	22.9
Right tilted	10	QPSK 1_1	462000/2310	100%	0.000	0.12	23.52	24.00	1.117	0.000	22.9
Head Test Data (50%RB)											

Left cheek	10	QPSK 25_14	462000/2310	100%	0.000	-0.14	23.40	24.00	1.148	0.000	22.9
Left tilted	10	QPSK 25_14	462000/2310	100%	0.045	0.12	23.40	24.00	1.148	0.052	22.9
Right cheek	10	QPSK 25_14	462000/2310	100%	0.000	-0.05	23.40	24.00	1.148	0.000	22.9
Right tilted	10	QPSK 25_14	462000/2310	100%	0.000	-0.16	23.40	24.00	1.148	0.000	22.9
Body worn Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.156	0.15	23.52	24.00	1.117	0.174	22.9
Back side	10	QPSK 1_1	462000/2310	100%	0.217	-0.10	23.52	24.00	1.117	0.242	22.9
Body worn Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.143	0.10	23.40	24.00	1.148	0.164	22.9
Back side	10	QPSK 25_14	462000/2310	100%	0.187	-0.07	23.40	24.00	1.148	0.215	22.9
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.156	0.15	23.52	24.00	1.117	0.174	22.9
Back side	10	QPSK 1_1	462000/2310	100%	0.217	-0.10	23.52	24.00	1.117	0.242	22.9
Left side	10	QPSK 1_1	462000/2310	100%	0.202	-0.12	23.52	24.00	1.117	0.226	22.9
Bottom side	10	QPSK 1_1	462000/2310	100%	0.098	-0.05	23.52	24.00	1.117	0.109	22.9
Hotspot Test data (Separate 10mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.143	0.10	23.40	24.00	1.148	0.164	22.9
Back side	10	QPSK 25_14	462000/2310	100%	0.187	-0.07	23.40	24.00	1.148	0.215	22.9
Left side	10	QPSK 25_14	462000/2310	100%	0.182	0.08	23.40	24.00	1.148	0.209	22.9
Bottom side	10	QPSK 25_14	462000/2310	100%	0.092	-0.06	23.40	24.00	1.148	0.106	22.9

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Right cheek	462000/2310	1.030	1.020	1.010	N/A	N/A
Back side 10mm	462000/2310	0.914	0.902	1.013	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.20 SAR Result of NR Band n41

SA N41 SAR Test Record											
Ant5 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) Receiver on											
Left cheek	100	QPSK 1_1	518598/2592.99	100%	0.437	0.08	21.18	22.00	1.208	0.528	22.4
Left tilted	100	QPSK 1_1	518598/2592.99	100%	0.455	0.14	21.18	22.00	1.208	0.550	22.4
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.910	0.09	21.18	22.00	1.208	1.099	22.4
Right cheek-repeated sar	100	QPSK 1_1	518598/2592.99	100%	0.902	0.04	21.18	22.00	1.208	1.090	22.4
Right tilted	100	QPSK 1_1	518598/2592.99	100%	0.678	0.10	21.18	22.00	1.208	0.819	22.4
Head Test Data (50%RB) Receiver on											
Left cheek	100	QPSK 135_69	518598/2592.99	100%	0.427	-0.11	21.16	22.00	1.213	0.518	22.4
Left tilted	100	QPSK 135_69	518598/2592.99	100%	0.446	-0.09	21.16	22.00	1.213	0.541	22.4
Right cheek	100	QPSK 135_69	518598/2592.99	100%	0.875	0.15	21.16	22.00	1.213	1.061	22.4
Right tilted	100	QPSK 135_69	518598/2592.99	100%	0.656	-0.10	21.16	22.00	1.213	0.796	22.4
Head Test Data (100%RB) Receiver on											
Right cheek	100	QPSK 270_0	518598/2592.99	100%	0.725	0.06	20.10	21.00	1.230	0.892	22.4
Right tilted	100	QPSK 270_0	518598/2592.99	100%	0.536	0.07	20.10	21.00	1.230	0.659	22.4
Body worn Test data (Separate 10mm 1RB) sensor on											
Front side	100	QPSK 1_1	518598/2592.99	100%	0.688	-0.19	24.96	25.50	1.132	0.779	22.4
Back side	100	QPSK 1_1	518598/2592.99	100%	0.930	-0.07	24.96	25.50	1.132	1.053	22.4
Back side-repeated sar	100	QPSK 1_1	518598/2592.99	100%	0.915	0.02	24.96	25.50	1.132	1.036	22.4
Body worn Test data (Separate 10mm 50%RB) sensor on											
Front side	100	QPSK 135_69	518598/2592.99	100%	0.623	0.02	24.78	25.50	1.180	0.735	22.4
Back side	100	QPSK 135_69	518598/2592.99	100%	0.876	0.19	24.78	25.50	1.180	1.034	22.4
Body worn Test data (Separate 10mm 100%RB) sensor on											
Front side	100	QPSK 270_0	518598/2592.99	100%	0.566	0.03	23.74	24.50	1.191	0.674	22.4
Back side	100	QPSK 270_0	518598/2592.99	100%	0.753	0.07	23.74	24.50	1.191	0.897	22.4
Body worn Test data (1RB) sensor off											
Front side-14mm	100	QPSK 1_1	518598/2592.99	100%	0.315	-0.09	26.22	27.00	1.197	0.377	22.4
Back side-21mm	100	QPSK 1_1	518598/2592.99	100%	0.436	-0.15	26.22	27.00	1.197	0.522	22.4
Body worn Test data (50%RB) sensor off											
Front side-14mm	100	QPSK 135_69	518598/2592.99	100%	0.269	-0.14	26.17	27.00	1.211	0.326	22.4
Back side-21mm	100	QPSK 135_69	518598/2592.99	100%	0.415	0.14	26.17	27.00	1.211	0.503	22.4
Hotspot Test data (Separate 10mm 1RB) Hotspot on											
Front side	100	QPSK 1_1	518598/2592.99	100%	0.688	-0.19	24.96	25.50	1.132	0.779	22.4
Back side	100	QPSK 1_1	518598/2592.99	100%	0.930	-0.07	24.96	25.50	1.132	1.053	22.4
Back side-repeated sar	100	QPSK 1_1	518598/2592.99	100%	0.915	0.02	24.96	25.50	1.132	1.036	22.4
Left side	100	QPSK 1_1	518598/2592.99	100%	0.308	-0.06	24.96	25.50	1.132	0.349	22.4
Top side	100	QPSK 1_1	518598/2592.99	100%	0.681	0.18	24.96	25.50	1.132	0.771	22.4
Hotspot Test data (Separate 10mm 50%RB) Hotspot on											
Front side	100	QPSK 135_69	518598/2592.99	100%	0.623	0.02	24.78	25.50	1.180	0.735	22.4
Back side	100	QPSK 135_69	518598/2592.99	100%	0.876	0.19	24.78	25.50	1.180	1.034	22.4
Left side	100	QPSK 135_69	518598/2592.99	100%	0.284	0.07	24.78	25.50	1.180	0.335	22.4
Top side	100	QPSK 135_69	518598/2592.99	100%	0.523	0.03	24.78	25.50	1.180	0.617	22.4
Hotspot Test data (Separate 10mm 100%RB) Hotspot on											
Front side	100	QPSK 270_0	518598/2592.99	100%	0.566	0.03	23.74	24.50	1.191	0.674	22.4
Back side	100	QPSK 270_0	518598/2592.99	100%	0.753	0.07	23.74	24.50	1.191	0.897	22.4

Top side	100	QPSK 135_69	518598/2592.99	100%	0.510	0.03	23.74	24.50	1.191	0.607	22.4
Ant4 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	518598/2592.99	100%	0.049	0.02	26.45	27.00	1.135	0.056	22.4
Left tilted	100	QPSK 1_1	518598/2592.99	100%	0.000	0.00	26.45	27.00	1.135	0.000	22.4
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.000	0.07	26.45	27.00	1.135	0.000	22.4
Right tilted	100	QPSK 1_1	518598/2592.99	100%	0.000	-0.07	26.45	27.00	1.135	0.000	22.4
Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	518598/2592.99	100%	0.036	0.16	26.36	27.00	1.159	0.042	22.4
Left tilted	100	QPSK 135_69	518598/2592.99	100%	0.044	0.18	26.36	27.00	1.159	0.051	22.4
Right cheek	100	QPSK 135_69	518598/2592.99	100%	0.000	-0.17	26.36	27.00	1.159	0.000	22.4
Right tilted	100	QPSK 135_69	518598/2592.99	100%	0.000	0.02	26.36	27.00	1.159	0.000	22.4
Body worn Test data (Separate 10mm 1RB)											
Front side	100	QPSK 1_1	518598/2592.99	100%	0.087	-0.03	26.45	27.00	1.135	0.099	22.4
Back side	100	QPSK 1_1	518598/2592.99	100%	0.108	0.09	26.45	27.00	1.135	0.123	22.4
Body worn Test data (Separate 10mm 50%RB)											
Front side	100	QPSK 135_69	518598/2592.99	100%	0.074	-0.07	26.36	27.00	1.159	0.086	22.4
Back side	100	QPSK 135_69	518598/2592.99	100%	0.078	0.06	26.36	27.00	1.159	0.090	22.4
Hotspot Test data (Separate 10mm 1RB)											
Front side	100	QPSK 1_1	518598/2592.99	100%	0.087	-0.03	26.45	27.00	1.135	0.099	22.4
Back side	100	QPSK 1_1	518598/2592.99	100%	0.108	0.09	26.45	27.00	1.135	0.123	22.4
Left side	100	QPSK 1_1	518598/2592.99	100%	0.096	-0.05	26.45	27.00	1.135	0.109	22.4
Bottom side	100	QPSK 1_1	518598/2592.99	100%	0.057	-0.17	26.45	27.00	1.135	0.065	22.4
Hotspot Test data (Separate 10mm 50%RB)											
Front side	100	QPSK 135_69	518598/2592.99	100%	0.074	-0.07	26.36	27.00	1.159	0.086	22.4
Back side	100	QPSK 135_69	518598/2592.99	100%	0.078	0.06	26.36	27.00	1.159	0.090	22.4
Left side	100	QPSK 135_69	518598/2592.99	100%	0.053	-0.02	26.36	27.00	1.159	0.061	22.4
Bottom side	100	QPSK 135_69	518598/2592.99	100%	0.027	-0.07	26.36	27.00	1.159	0.031	22.4

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Right cheek	518598/2592.99	0.910	0.902	1.009	N/A	N/A
Back side 10mm	518598/2592.99	0.930	0.915	1.016	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

8.3.21 SAR Result of NR Band n48

SA N48 SAR Test Record											
Ant6 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) Receiver on											
Left cheek	40	QPSK 1_1	641666/3624.99	100%	0.685	0.07	13.35	14.00	1.161	0.795	22.3
Left tilted	40	QPSK 1_1	641666/3624.99	100%	0.803	0.02	13.35	14.00	1.161	0.932	22.3
Left tilted-repeated sar	40	QPSK 1_1	641666/3624.99	100%	0.796	-0.08	13.35	14.00	1.161	0.924	22.3
Right cheek	40	QPSK 1_1	641666/3624.99	100%	0.543	-0.19	13.35	14.00	1.161	0.630	22.3
Right tilted	40	QPSK 1_1	641666/3624.99	100%	0.561	0.15	13.35	14.00	1.161	0.651	22.3
Head Test Data (50%RB) Receiver on											
Left cheek	40	QPSK 50_28	641666/3624.99	100%	0.669	-0.03	13.13	14.00	1.222	0.818	22.3
Left tilted	40	QPSK 50_28	641666/3624.99	100%	0.737	0.14	13.13	14.00	1.222	0.901	22.3
Right cheek	40	QPSK 50_28	641666/3624.99	100%	0.565	0.11	13.13	14.00	1.222	0.690	22.3
Right tilted	40	QPSK 50_28	641666/3624.99	100%	0.578	-0.19	13.13	14.00	1.222	0.706	22.3
Head Test Data (100%RB) Receiver on											
Left cheek	40	QPSK 100_0	641666/3624.99	100%	0.536	0.05	12.11	13.00	1.227	0.658	22.3
Left tilted	40	QPSK 100_0	641666/3624.99	100%	0.639	-0.16	12.11	13.00	1.227	0.784	22.3
Body worn Test data (Separate 10mm 1RB) sensor on											
Front side	40	QPSK 1_1	641666/3624.99	100%	0.778	0.08	20.12	21.00	1.225	0.953	22.3
Back side	40	QPSK 1_1	641666/3624.99	100%	0.346	0.06	20.12	21.00	1.225	0.424	22.3
Body worn Test data (Separate 10mm 50%RB) sensor on											
Front side	40	QPSK 50_28	641666/3624.99	100%	0.731	-0.15	19.90	21.00	1.288	0.942	22.3
Back side	40	QPSK 50_28	641666/3624.99	100%	0.294	0.15	19.90	21.00	1.288	0.379	22.3
Body worn Test data (Separate 10mm 100%RB) sensor on											
Front side	40	QPSK 100_0	641666/3624.99	100%	0.632	-0.19	18.98	20.00	1.265	0.799	22.3
Body worn Test data (1RB) sensor off											
Front side-14mm	40	QPSK 1_1	641666/3624.99	100%	0.712	0.02	23.03	24.00	1.250	0.890	22.3
Back side-21mm	40	QPSK 1_1	641666/3624.99	100%	0.215	0.07	23.03	24.00	1.250	0.269	22.3
Body worn Test data (50%RB) sensor off											
Front side-14mm	40	QPSK 50_28	641666/3624.99	100%	0.685	-0.06	22.83	24.00	1.309	0.897	22.3
Back side-21mm	40	QPSK 50_28	641666/3624.99	100%	0.196	0.02	22.83	24.00	1.309	0.257	22.3
Body worn Test data (100%RB) sensor off											
Front side-14mm	40	QPSK 100_0	641666/3624.99	100%	0.669	-0.04	21.89	23.00	1.291	0.864	22.3
Hotspot Test data (Separate 10mm 1RB) Hotspot on											
Front side	40	QPSK 1_1	641666/3624.99	100%	0.778	0.08	20.12	21.00	1.225	0.953	22.3
Back side	40	QPSK 1_1	641666/3624.99	100%	0.346	0.06	20.12	21.00	1.225	0.424	22.3
Right side	40	QPSK 1_1	641666/3624.99	100%	0.132	-0.02	20.12	21.00	1.225	0.162	22.3
Top side	40	QPSK 1_1	641666/3624.99	100%	0.533	0.14	20.12	21.00	1.225	0.653	22.3
Hotspot Test data (Separate 10mm 50%RB) Hotspot on											
Front side	40	QPSK 50_28	641666/3624.99	100%	0.731	-0.15	19.90	21.00	1.288	0.942	22.3
Back side	40	QPSK 50_28	641666/3624.99	100%	0.294	0.15	19.90	21.00	1.288	0.379	22.3
Right side	40	QPSK 50_28	641666/3624.99	100%	0.118	0.07	19.90	21.00	1.288	0.152	22.3
Top side	40	QPSK 50_28	641666/3624.99	100%	0.495	-0.14	19.90	21.00	1.288	0.638	22.3
Hotspot Test data (Separate 10mm 100%RB) Hotspot on											
Front side	40	QPSK 100_0	641666/3624.99	100%	0.632	-0.19	18.98	20.00	1.265	0.799	22.3
Ant7 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)

Head Test Data (1RB)											
Left cheek	40	QPSK 1_1	641666/3624.99	100%	0.138	-0.10	22.75	24.00	1.334	0.184	22.3
Left tilted	40	QPSK 1_1	641666/3624.99	100%	0.166	0.16	22.75	24.00	1.334	0.221	22.3
Right cheek	40	QPSK 1_1	641666/3624.99	100%	0.267	0.18	22.75	24.00	1.334	0.356	22.3
Right tilted	40	QPSK 1_1	641666/3624.99	100%	0.122	0.08	22.75	24.00	1.334	0.163	22.3
Head Test Data (50%RB)											
Left cheek	40	QPSK 50_28	641666/3624.99	100%	0.115	0.19	22.58	24.00	1.387	0.160	22.3
Left tilted	40	QPSK 50_28	641666/3624.99	100%	0.143	0.18	22.58	24.00	1.387	0.198	22.3
Right cheek	40	QPSK 50_28	641666/3624.99	100%	0.233	-0.18	22.58	24.00	1.387	0.323	22.3
Right tilted	40	QPSK 50_28	641666/3624.99	100%	0.088	-0.18	22.58	24.00	1.387	0.122	22.3
Body worn Test data (Separate 10mm 1RB)											
Front side	40	QPSK 1_1	641666/3624.99	100%	0.388	0.03	23.05	24.00	1.245	0.483	22.3
Back side	40	QPSK 1_1	641666/3624.99	100%	0.744	0.19	23.05	24.00	1.245	0.926	22.3
Body worn Test data (Separate 10mm 50%RB)											
Front side	40	QPSK 50_28	641666/3624.99	100%	0.329	-0.16	22.88	24.00	1.294	0.426	22.3
Back side	40	QPSK 50_28	641666/3624.99	100%	0.668	0.09	22.88	24.00	1.294	0.864	22.3
Body worn Test data (Separate 10mm 100%RB)											
Back side	40	QPSK 100_0	641666/3624.99	100%	0.523	-0.13	21.95	23.00	1.274	0.666	22.3
Hotspot Test data (Separate 10mm 1RB)											
Front side	40	QPSK 1_1	641666/3624.99	100%	0.388	0.03	23.05	24.00	1.245	0.483	22.3
Back side	40	QPSK 1_1	641666/3624.99	100%	0.744	0.19	23.05	24.00	1.245	0.926	22.3
Right side	40	QPSK 1_1	641666/3624.99	100%	0.525	0.15	23.05	24.00	1.245	0.654	22.3
Bottom side	40	QPSK 1_1	641666/3624.99	100%	0.258	-0.09	23.05	24.00	1.245	0.321	22.3
Hotspot Test data (Separate 10mm 50%RB)											
Front side	40	QPSK 50_28	641666/3624.99	100%	0.329	-0.16	22.88	24.00	1.294	0.426	22.3
Back side	40	QPSK 50_28	641666/3624.99	100%	0.668	0.09	22.88	24.00	1.294	0.864	22.3
Right side	40	QPSK 50_28	641666/3624.99	100%	0.424	0.15	22.88	24.00	1.294	0.549	22.3
Bottom side	40	QPSK 50_28	641666/3624.99	100%	0.240	-0.01	22.88	24.00	1.294	0.311	22.3
Hotspot Test data (Separate 10mm 100%RB)											
Back side	40	QPSK 100_0	641666/3624.99	100%	0.523	-0.13	21.95	23.00	1.274	0.666	22.3

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left tilted	641666/3624.99	0.803	0.796	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 (~ 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.						

8.3.22 SAR Result of NR Band n66

SA N66 SAR Test Record											
Ant0 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	30	QPSK 1_1	349000/1745	100%	0.084	0.17	23.21	24.00	1.199	0.101	22.6
Left tilted	30	QPSK 1_1	349000/1745	100%	0.070	0.13	23.21	24.00	1.199	0.084	22.6
Right cheek	30	QPSK 1_1	349000/1745	100%	0.154	0.03	23.21	24.00	1.199	0.185	22.6
Right tilted	30	QPSK 1_1	349000/1745	100%	0.057	0.04	23.21	24.00	1.199	0.068	22.6
Head Test Data (50%RB)											
Left cheek	30	QPSK 75_36	349000/1745	100%	0.080	0.09	23.11	24.00	1.227	0.098	22.6
Left tilted	30	QPSK 75_36	349000/1745	100%	0.064	-0.05	23.11	24.00	1.227	0.079	22.6
Right cheek	30	QPSK 75_36	349000/1745	100%	0.151	-0.03	23.11	24.00	1.227	0.185	22.6
Right tilted	30	QPSK 75_36	349000/1745	100%	0.050	-0.18	23.11	24.00	1.227	0.061	22.6
Body worn Test data (Separate 10mm 1RB)											
Front side	30	QPSK 1_1	349000/1745	100%	0.575	-0.17	23.21	24.00	1.199	0.689	22.6
Back side	30	QPSK 1_1	349000/1745	100%	0.881	-0.13	23.21	24.00	1.199	1.056	22.6
Back side-repeated sar	30	QPSK 1_1	349000/1745	100%	0.869	-0.17	23.21	24.00	1.199	1.042	22.6
Body worn Test data (Separate 10mm 50%RB)											
Front side	30	QPSK 75_36	349000/1745	100%	0.456	-0.09	23.11	24.00	1.227	0.560	22.6
Back side	30	QPSK 75_36	349000/1745	100%	0.704	0.02	23.11	24.00	1.227	0.864	22.6
Body worn Test data (Separate 10mm 100%RB)											
Back side	30	QPSK 150_0	349000/1745	100%	0.652	-0.04	22.15	23.00	1.216	0.793	22.6
Body worn Evaluate data (Separate 10mm 1RB) for Simultaneous ULCA&ENDC											
Front side	30	QPSK 1_1	349000/1745	100%	0.575	-0.17	23.21	21.00	0.601	0.346	22.6
Back side	30	QPSK 1_1	349000/1745	100%	0.881	-0.13	23.21	21.00	0.601	0.529	22.6
Body worn Evaluate data (Separate 10mm 50%RB) for Simultaneous ULCA&ENDC											
Front side	30	QPSK 75_36	349000/1745	100%	0.456	-0.09	23.11	21.00	0.615	0.280	22.6
Back side	30	QPSK 75_36	349000/1745	100%	0.704	0.02	23.11	21.00	0.615	0.433	22.6
Body worn Evaluate data (Separate 10mm 100%RB) for Simultaneous ULCA&ENDC											
Back side	30	QPSK 150_0	349000/1745	100%	0.652	-0.04	22.15	21.00	0.767	0.500	22.6
Hotspot Test data (Separate 10mm 1RB) Hotspot on											
Front side	30	QPSK 1_1	349000/1745	100%	0.389	-0.04	22.32	23.00	1.169	0.455	22.6
Back side	30	QPSK 1_1	349000/1745	100%	0.597	-0.01	22.32	23.00	1.169	0.698	22.6
Left side	30	QPSK 1_1	349000/1745	100%	0.064	-0.15	22.32	23.00	1.169	0.075	22.6
Right side	30	QPSK 1_1	349000/1745	100%	0.130	-0.04	22.32	23.00	1.169	0.152	22.6
Bottom side	30	QPSK 1_1	349000/1745	100%	1.010	0.11	22.32	23.00	1.169	1.181	22.6
Bottom side-repeated sar	30	QPSK 1_1	349000/1745	100%	0.986	-0.10	22.32	23.00	1.169	1.153	22.6
Hotspot Test data (Separate 10mm 50%RB) Hotspot on											
Front side	30	QPSK 75_36	349000/1745	100%	0.309	0.02	21.95	23.00	1.274	0.394	22.6
Back side	30	QPSK 75_36	349000/1745	100%	0.478	-0.15	21.95	23.00	1.274	0.609	22.6
Left side	30	QPSK 75_36	349000/1745	100%	0.054	0.18	21.95	23.00	1.274	0.069	22.6
Right side	30	QPSK 75_36	349000/1745	100%	0.091	-0.16	21.95	23.00	1.274	0.116	22.6
Bottom side	30	QPSK 75_36	349000/1745	100%	0.926	0.18	21.95	23.00	1.274	1.180	22.6
Hotspot Test data (Separate 10mm 100%RB) Hotspot on											
Bottom side	30	QPSK 150_0	349000/1745	100%	0.824	0.05	20.93	22.00	1.279	1.054	22.6
Hotspot Evaluate data (Separate 10mm 1RB) for Hotspot on Simultaneous ULCA&ENDC											
Front side	30	QPSK 1_1	349000/1745	100%	0.389	-0.04	22.32	20.00	0.586	0.228	22.6

Back side	30	QPSK 1_1	349000/1745	100%	0.597	-0.01	22.32	20.00	0.586	0.350	22.6
Left side	30	QPSK 1_1	349000/1745	100%	0.064	-0.15	22.32	20.00	0.586	0.038	22.6
Right side	30	QPSK 1_1	349000/1745	100%	0.130	-0.04	22.32	20.00	0.586	0.076	22.6
Bottom side	30	QPSK 1_1	349000/1745	100%	1.010	0.11	22.32	20.00	0.586	0.592	22.6
Hotspot Evaluate data (Separate 10mm 50%RB) for Hotspot on Simultaneous ULCA&ENDC											
Front side	30	QPSK 75_36	349000/1745	100%	0.309	0.02	21.95	20.00	0.638	0.197	22.6
Back side	30	QPSK 75_36	349000/1745	100%	0.478	-0.15	21.95	20.00	0.638	0.305	22.6
Left side	30	QPSK 75_36	349000/1745	100%	0.054	0.18	21.95	20.00	0.638	0.034	22.6
Right side	30	QPSK 75_36	349000/1745	100%	0.091	-0.16	21.95	20.00	0.638	0.058	22.6
Bottom side	30	QPSK 75_36	349000/1745	100%	0.926	0.18	21.95	20.00	0.638	0.591	22.6
Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled 10-g SAR(W/kg)	Liquid Temp.
Product specific 10g SAR Test data(0mm) (Separate 0mm 1RB)											
Bottom side	30	QPSK 1_1	349000/1745	1:1	2.060	0.01	23.21	24.00	1.199	2.470	22.6
Bottom side-repeated sar	30	QPSK 1_1	349000/1745	1:1	2.030	0.01	23.21	24.00	1.199	2.434	22.6
Product specific 10g SAR Test data(0mm) (Separate 0mm 50%RB)											
Bottom side	30	QPSK 75_36	349000/1745	1:1	2.000	0.09	23.11	24.00	1.227	2.454	22.6
Product specific 10g SAR Test data(0mm) (Separate 0mm 100%RB)											
Bottom side	30	QPSK 150_0	349000/1745	1:1	1.990	0.09	22.15	23.00	1.216	2.420	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) Receiver on											
Left cheek	30	QPSK 1_1	349000/1745	100%	0.628	0.07	22.45	23.00	1.135	0.713	22.6
Left tilted	30	QPSK 1_1	349000/1745	100%	0.645	0.18	22.45	23.00	1.135	0.732	22.6
Right cheek	30	QPSK 1_1	349000/1745	100%	0.920	0.17	22.45	23.00	1.135	1.044	22.6
Right cheek-repeated sar	30	QPSK 1_1	349000/1745	100%	0.906	0.04	22.45	23.00	1.135	1.028	22.6
Right tilted	30	QPSK 1_1	349000/1745	100%	0.877	0.13	22.45	23.00	1.135	0.995	22.6
Head Test Data (50%RB) Receiver on											
Left cheek	30	QPSK 75_36	349000/1745	100%	0.592	0.06	22.40	23.00	1.148	0.680	22.6
Left tilted	30	QPSK 75_36	349000/1745	100%	0.649	-0.18	22.40	23.00	1.148	0.745	22.6
Right cheek	30	QPSK 75_36	349000/1745	100%	0.900	0.09	22.40	23.00	1.148	1.033	22.6
Right tilted	30	QPSK 75_36	349000/1745	100%	0.861	0.16	22.40	23.00	1.148	0.988	22.6
Head Test Data (100%RB) Receiver on											
Right cheek	30	QPSK 150_0	349000/1745	100%	0.823	0.16	21.33	22.00	1.167	0.960	22.6
Right tilted	30	QPSK 150_0	349000/1745	100%	0.785	0.10	21.33	22.00	1.167	0.916	22.6
Body worn Test data (Separate 10mm 1RB)											
Front side	30	QPSK 1_1	349000/1745	100%	0.237	0.02	23.45	24.00	1.135	0.269	22.6
Back side	30	QPSK 1_1	349000/1745	100%	0.429	0.03	23.45	24.00	1.135	0.487	22.6
Body worn Test data (Separate 10mm 50%RB)											
Front side	30	QPSK 75_36	349000/1745	100%	0.232	-0.11	23.37	24.00	1.156	0.268	22.6
Back side	30	QPSK 75_36	349000/1745	100%	0.411	-0.08	23.37	24.00	1.156	0.475	22.6
Hotspot Test data (Separate 10mm 1RB)											
Front side	30	QPSK 1_1	349000/1745	100%	0.237	0.02	23.45	24.00	1.135	0.269	22.6
Back side	30	QPSK 1_1	349000/1745	100%	0.429	0.03	23.45	24.00	1.135	0.487	22.6
Left side	30	QPSK 1_1	349000/1745	100%	0.083	0.17	23.45	24.00	1.135	0.094	22.6
Top side	30	QPSK 1_1	349000/1745	100%	0.181	0.14	23.45	24.00	1.135	0.205	22.6
Hotspot Test data (Separate 10mm 50%RB)											
Front side	30	QPSK 75_36	349000/1745	100%	0.232	-0.11	23.37	24.00	1.156	0.268	22.6
Back side	30	QPSK 75_36	349000/1745	100%	0.411	-0.08	23.37	24.00	1.156	0.475	22.6

Left side	30	QPSK 75_36	349000/1745	100%	0.081	0.12	23.37	24.00	1.156	0.094	22.6
Top side	30	QPSK 75_36	349000/1745	100%	0.180	-0.06	23.37	24.00	1.156	0.208	22.6

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Right cheek	349000/1745	0.920	0.906	1.015	N/A	N/A
Back side 10mm	349000/1745	0.881	0.869	1.014	N/A	N/A
Bottom side 10mm	349000/1745	1.010	0.986	1.024	N/A	N/A
Bottom side 0mm	349000/1745	1.010	2.060	2.030	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.

8.3.23 SAR Result of NR Band n71

SA N71 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	20	QPSK 1_1	136100/680.5	100%	0.000	0.01	23.35	24.00	1.161	0.000	22.5
Left tilted	20	QPSK 1_1	136100/680.5	100%	0.000	-0.08	23.35	24.00	1.161	0.000	22.5
Right cheek	20	QPSK 1_1	136100/680.5	100%	0.034	0.01	23.35	24.00	1.161	0.039	22.5
Right tilted	20	QPSK 1_1	136100/680.5	100%	0.000	-0.18	23.35	24.00	1.161	0.000	22.5
Head Test Data (50%RB)											
Left cheek	20	QPSK 50_28	136100/680.5	100%	0.000	-0.06	23.26	24.00	1.186	0.000	22.5
Left tilted	20	QPSK 50_28	136100/680.5	100%	0.000	-0.17	23.26	24.00	1.186	0.000	22.5
Right cheek	20	QPSK 50_28	136100/680.5	100%	0.000	0.00	23.26	24.00	1.186	0.000	22.5
Right tilted	20	QPSK 50_28	136100/680.5	100%	0.000	-0.17	23.26	24.00	1.186	0.000	22.5
Body worn Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	136100/680.5	100%	0.000	0.00	23.35	24.00	1.161	0.000	22.5
Back side	20	QPSK 1_1	136100/680.5	100%	0.085	-0.19	23.35	24.00	1.161	0.099	22.5
Body worn Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	136100/680.5	100%	0.000	-0.04	23.26	24.00	1.186	0.000	22.5
Back side	20	QPSK 50_28	136100/680.5	100%	0.058	-0.08	23.26	24.00	1.186	0.069	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	20	QPSK 1_1	136100/680.5	100%	0.000	0.00	23.35	24.00	1.161	0.000	22.5
Back side	20	QPSK 1_1	136100/680.5	100%	0.085	-0.19	23.35	24.00	1.161	0.099	22.5
Left side	20	QPSK 1_1	136100/680.5	100%	0.044	-0.05	23.35	24.00	1.161	0.051	22.5
Right side	20	QPSK 1_1	136100/680.5	100%	0.063	-0.16	23.35	24.00	1.161	0.073	22.5
Bottom side	20	QPSK 1_1	136100/680.5	100%	0.051	-0.13	23.35	24.00	1.161	0.059	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	20	QPSK 50_28	136100/680.5	100%	0.000	-0.04	23.26	24.00	1.186	0.000	22.5
Back side	20	QPSK 50_28	136100/680.5	100%	0.058	-0.08	23.26	24.00	1.186	0.069	22.5
Left side	20	QPSK 50_28	136100/680.5	100%	0.000	0.13	23.26	24.00	1.186	0.000	22.5
Right side	20	QPSK 50_28	136100/680.5	100%	0.053	-0.09	23.26	24.00	1.186	0.063	22.5
Bottom side	20	QPSK 50_28	136100/680.5	100%	0.000	0.11	23.26	24.00	1.186	0.000	22.5

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

SA N77 SAR Test Record											
Ant6 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) Receiver on											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.558	0.15	13.37	14.50	1.297	0.724	22.3
Left tilted	100	QPSK 1_1	633334/3500	100%	0.771	0.03	13.37	14.50	1.297	1.000	22.3
Right cheek	100	QPSK 1_1	633334/3500	100%	0.683	-0.18	13.37	14.50	1.297	0.886	22.3
Right tilted	100	QPSK 1_1	633334/3500	100%	0.727	0.07	13.37	14.50	1.297	0.943	22.3
Head Test Data (50%RB) Receiver on											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.548	-0.12	13.12	14.50	1.374	0.753	22.3
Left tilted	100	QPSK 135_69	633334/3500	100%	0.762	0.03	13.12	14.50	1.374	1.047	22.3
Right cheek	100	QPSK 135_69	633334/3500	100%	0.685	0.04	13.12	14.50	1.374	0.941	22.3
Right tilted	100	QPSK 135_69	633334/3500	100%	0.733	0.19	13.12	14.50	1.374	1.007	22.3
Head Test Data (100%RB) Receiver on											
Left cheek	100	QPSK 270_0	633334/3500	100%	0.493	-0.19	12.18	13.50	1.355	0.668	22.3
Left tilted	100	QPSK 270_0	633334/3500	100%	0.605	0.15	12.18	13.50	1.355	0.820	22.3
Right cheek	100	QPSK 270_0	633334/3500	100%	0.544	0.17	12.18	13.50	1.355	0.737	22.3
Right tilted	100	QPSK 270_0	633334/3500	100%	0.582	0.11	12.18	13.50	1.355	0.789	22.3
Body worn Test data (Separate 10mm 1RB) sensor on											
Front side	100	QPSK 1_1	633334/3500	100%	0.623	-0.19	20.47	22.00	1.422	0.886	22.3
Back side	100	QPSK 1_1	633334/3500	100%	0.305	0.14	20.47	22.00	1.422	0.434	22.3
Body worn Test data (Separate 10mm 50%RB) sensor on											
Front side	100	QPSK 135_69	633334/3500	100%	0.721	0.03	20.13	22.00	1.538	1.109	22.3
Back side	100	QPSK 135_69	633334/3500	100%	0.325	-0.03	20.13	22.00	1.538	0.500	22.3
Body worn Test data (Separate 10mm 100%RB) sensor on											
Front side	100	QPSK 270_0	633334/3500	100%	0.573	-0.02	19.33	21.00	1.469	0.842	22.3
Body worn Test data (1RB) sensor off											
Front side-14mm	100	QPSK 1_1	633334/3500	100%	0.633	0.06	25.42	27.00	1.439	0.911	22.3
Back side-21mm	100	QPSK 1_1	633334/3500	100%	0.340	0.07	25.42	27.00	1.439	0.489	22.3
Body worn Test data (50%RB) sensor off											
Front side-14mm	100	QPSK 135_69	633334/3500	100%	0.674	-0.01	25.16	27.00	1.528	1.030	22.3
Back side-21mm	100	QPSK 135_69	633334/3500	100%	0.380	0.05	25.16	27.00	1.528	0.581	22.3
Body worn Test data (100%RB) sensor off											
Front side-14mm	100	QPSK 270_0	633334/3500	100%	0.600	0.09	24.31	26.00	1.476	0.886	22.3
Body worn Evaluate data (Separate 10mm 1RB) sensor on for Simultaneous ULCA&ENDC											
Front side	100	QPSK 1_1	633334/3500	100%	0.623	-0.19	20.47	19.00	0.713	0.444	22.3
Back side	100	QPSK 1_1	633334/3500	100%	0.305	0.14	20.47	19.00	0.713	0.217	22.3
Body worn Evaluate data (Separate 10mm 50%RB) sensor on for Simultaneous ULCA&ENDC											
Front side	100	QPSK 135_69	633334/3500	100%	0.721	0.03	20.13	19.00	0.771	0.556	22.3
Back side	100	QPSK 135_69	633334/3500	100%	0.325	-0.03	20.13	19.00	0.771	0.251	22.3
Body worn Evaluate data (1RB) sensor off for Simultaneous ULCA&ENDC											
Front side-14mm	100	QPSK 1_1	633334/3500	100%	0.633	0.06	25.42	19.00	0.228	0.144	22.3
Back side-21mm	100	QPSK 1_1	633334/3500	100%	0.340	0.07	25.42	19.00	0.228	0.078	22.3
Body worn Evaluate data (50%RB) sensor off for Simultaneous ULCA&ENDC											
Front side-14mm	100	QPSK 135_69	633334/3500	100%	0.674	-0.01	25.16	19.00	0.242	0.163	22.3
Back side-21mm	100	QPSK 135_69	633334/3500	100%	0.380	0.05	25.16	19.00	0.242	0.092	22.3
Hotspot Test data (Separate 10mm 1RB) Hotspot on											
Front side	100	QPSK 1_1	633334/3500	100%	0.623	-0.06	20.47	22.00	1.422	0.886	22.3

Back side	100	QPSK 1_1	633334/3500	100%	0.305	0.16	20.47	22.00	1.422	0.434	22.3
Right side	100	QPSK 1_1	633334/3500	100%	0.180	0.17	20.47	22.00	1.422	0.256	22.3
Top side	100	QPSK 1_1	633334/3500	100%	0.482	-0.16	20.47	22.00	1.422	0.685	22.3
Hotspot Test data (Separate 10mm 50%RB) Hotspot on											
Front side	100	QPSK 135_69	633334/3500	100%	0.721	0.03	20.13	22.00	1.538	1.109	22.3
Back side	100	QPSK 135_69	633334/3500	100%	0.325	0.06	20.13	22.00	1.538	0.500	22.3
Right side	100	QPSK 135_69	633334/3500	100%	0.184	0.06	20.13	22.00	1.538	0.283	22.3
Top side	100	QPSK 135_69	633334/3500	100%	0.643	0.01	20.13	22.00	1.538	0.989	22.3
Hotspot Test data (Separate 10mm 100%RB) Hotspot on											
Front side	100	QPSK 270_0	633334/3500	100%	0.573	-0.02	19.33	21.00	1.469	0.842	22.3
Top side	100	QPSK 270_0	633334/3500	100%	0.511	0.13	19.33	21.00	1.469	0.751	22.3
Hotspot Evaluate data (Separate 10mm 1RB) for Hotspot on Simultaneous ULCA&ENDC											
Front side	100	QPSK 1_1	633334/3500	100%	0.623	-0.06	20.47	19.00	0.713	0.444	22.3
Back side	100	QPSK 1_1	633334/3500	100%	0.305	0.16	20.47	19.00	0.713	0.217	22.3
Right side	100	QPSK 1_1	633334/3500	100%	0.180	0.17	20.47	19.00	0.713	0.128	22.3
Top side	100	QPSK 1_1	633334/3500	100%	0.482	-0.16	20.47	19.00	0.713	0.344	22.3
Hotspot Evaluate data (Separate 10mm 50%RB) for Hotspot on Simultaneous ULCA&ENDC											
Front side	100	QPSK 135_69	633334/3500	100%	0.721	0.03	20.13	19.00	0.771	0.556	22.3
Back side	100	QPSK 135_69	633334/3500	100%	0.325	0.06	20.13	19.00	0.771	0.251	22.3
Right side	100	QPSK 135_69	633334/3500	100%	0.184	0.06	20.13	19.00	0.771	0.142	22.3
Top side	100	QPSK 135_69	633334/3500	100%	0.643	0.01	20.13	19.00	0.771	0.496	22.3
Ant7 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB) Receiver on											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.157	0.03	23.72	25.00	1.343	0.211	22.3
Left tilted	100	QPSK 1_1	633334/3500	100%	0.200	-0.17	23.72	25.00	1.343	0.269	22.3
Right cheek	100	QPSK 1_1	633334/3500	100%	0.283	0.09	23.72	25.00	1.343	0.380	22.3
Right tilted	100	QPSK 1_1	633334/3500	100%	0.167	0.19	23.72	25.00	1.343	0.224	22.3
Head Test Data (50%RB) Receiver on											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.151	0.05	23.69	25.00	1.352	0.204	22.3
Left tilted	100	QPSK 135_69	633334/3500	100%	0.202	-0.06	23.69	25.00	1.352	0.273	22.3
Right cheek	100	QPSK 135_69	633334/3500	100%	0.274	-0.04	23.69	25.00	1.352	0.370	22.3
Right tilted	100	QPSK 135_69	633334/3500	100%	0.175	-0.13	23.69	25.00	1.352	0.237	22.3
Body worn Test data (Separate 10mm 1RB) sensor on											
Front side	100	QPSK 1_1	633334/3500	100%	0.418	-0.03	23.72	25.00	1.343	0.561	22.3
Back side	100	QPSK 1_1	633334/3500	100%	0.662	-0.04	23.72	25.00	1.343	0.889	22.3
Body worn Test data (Separate 10mm 50%RB) sensor on											
Front side	100	QPSK 135_69	633334/3500	100%	0.502	-0.16	23.69	25.00	1.352	0.679	22.3
Back side	100	QPSK 135_69	633334/3500	100%	0.745	0.15	23.69	25.00	1.352	1.007	22.3
Body worn Test data (Separate 10mm 100%RB) sensor on											
Back side	100	QPSK 270_0	633334/3500	100%	0.526	0.03	22.65	24.00	1.365	0.718	22.3
Body worn Test data (1RB) sensor off											
Front side-14mm	100	QPSK 1_1	633334/3500	100%	0.211	0.06	25.72	27.00	1.343	0.283	22.3
Back side-21mm	100	QPSK 1_1	633334/3500	100%	0.226	0.05	25.72	27.00	1.343	0.304	22.3
Body worn Test data (50%RB) sensor off											
Front side-14mm	100	QPSK 135_69	633334/3500	100%	0.200	0.06	25.69	27.00	1.352	0.270	22.3
Back side-21mm	100	QPSK 135_69	633334/3500	100%	0.218	0.07	25.69	27.00	1.352	0.295	22.3
Body worn Test data (100%RB) sensor off											
Front side-14mm	100	QPSK 270_0	633334/3500	100%	0.196	0.09	24.65	26.00	1.365	0.268	22.3
Hotspot Test data (Separate 10mm 1RB) Hotspot on											



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Front side	100	QPSK 1_1	633334/3500	100%	0.418	-0.03	23.72	25.00	1.343	0.561	22.3
Back side	100	QPSK 1_1	633334/3500	100%	0.662	-0.04	23.72	25.00	1.343	0.889	22.3
Right side	100	QPSK 1_1	633334/3500	100%	0.636	0.05	23.72	25.00	1.343	0.854	22.3
Bottom side	100	QPSK 1_1	633334/3500	100%	0.276	-0.06	23.72	25.00	1.343	0.371	22.3
Hotspot Test data (Separate 10mm 50%RB) Hotspot on											
Front side	100	QPSK 135_69	633334/3500	100%	0.502	-0.16	23.69	25.00	1.352	0.679	22.3
Back side	100	QPSK 135_69	633334/3500	100%	0.745	0.15	23.69	25.00	1.352	1.007	22.3
Right side	100	QPSK 135_69	633334/3500	100%	0.652	0.19	23.69	25.00	1.352	0.882	22.3
Bottom side	100	QPSK 135_69	633334/3500	100%	0.368	0.09	23.69	25.00	1.352	0.498	22.3
Hotspot Test data (Separate 10mm 100%RB) Hotspot on											
Back side	100	QPSK 270_0	633334/3500	100%	0.526	0.03	22.65	24.00	1.365	0.718	22.3
Right side	100	QPSK 270_0	633334/3500	100%	0.460	-0.18	22.65	24.00	1.365	0.628	22.3

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

SA N77 SAR Test Record											
Ant6 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) Receiver on											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.498	0.03	13.18	14.50	1.355	0.675	22.3
Left cheek	100	QPSK 1_1	662000/3930	100%	0.482	-0.02	13.08	14.50	1.387	0.669	22.3
Left tilted	100	QPSK 1_1	650000/3750	100%	0.639	-0.02	13.18	14.50	1.355	0.866	22.3
Left tilted	100	QPSK 1_1	662000/3930	100%	0.624	0.08	13.08	14.50	1.387	0.865	22.3
Right cheek	100	QPSK 1_1	650000/3750	100%	0.535	0.09	13.18	14.50	1.355	0.725	22.3
Right tilted	100	QPSK 1_1	650000/3750	100%	0.552	0.19	13.08	14.50	1.387	0.766	22.3
Head Test Data (50%RB) Receiver on											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.405	-0.06	13.09	14.50	1.384	0.561	22.3
Left cheek	100	QPSK 135_69	662000/3930	100%	0.408	0.07	13.10	14.50	1.380	0.563	22.3
Left tilted	100	QPSK 135_69	650000/3750	100%	0.625	0.08	13.09	14.50	1.384	0.865	22.3
Left tilted	100	QPSK 135_69	662000/3930	100%	0.582	0.09	13.10	14.50	1.380	0.803	22.3
Right cheek	100	QPSK 135_69	650000/3750	100%	0.511	-0.02	13.09	14.50	1.384	0.707	22.3
Right tilted	100	QPSK 135_69	650000/3750	100%	0.527	-0.18	13.10	14.50	1.380	0.727	22.3
Head Test Data (100%RB) Receiver on											
Left cheek	100	QPSK 270_0	650000/3750	100%	0.381	0.04	12.07	13.50	1.390	0.530	22.3
Left tilted	100	QPSK 270_0	650000/3750	100%	0.497	-0.16	12.03	13.50	1.403	0.697	22.3
Body worn Test data (Separate 10mm 1RB) sensor on											
Front side	100	QPSK 1_1	650000/3750	100%	0.738	-0.07	20.53	22.00	1.403	1.035	22.3
Front side	100	QPSK 1_1	662000/3930	100%	0.710	0.06	20.38	22.00	1.452	1.031	22.3
Back side	100	QPSK 1_1	650000/3750	100%	0.241	-0.07	20.53	22.00	1.403	0.338	22.3
Body worn Test data (Separate 10mm 50%RB) sensor on											
Front side	100	QPSK 135_69	650000/3750	100%	0.712	0.08	20.50	22.00	1.413	1.006	22.3
Front side	100	QPSK 135_69	662000/3930	100%	0.685	0.01	20.37	22.00	1.455	0.997	22.3
Back side	100	QPSK 135_69	650000/3750	100%	0.202	-0.06	20.50	22.00	1.413	0.285	22.3
Body worn Test data (Separate 10mm 100%RB) sensor on											
Front side	100	QPSK 270_0	650000/3750	100%	0.566	0.08	19.32	21.00	1.472	0.833	22.3
Body worn Test data (1RB) sensor off											
Front side-14mm	100	QPSK 1_1	650000/3750	100%	0.705	0.09	25.50	27.00	1.413	0.996	22.3
Front side-14mm	100	QPSK 1_1	662000/3930	100%	0.693	0.05	25.41	27.00	1.442	0.999	22.3
Back side-21mm	100	QPSK 1_1	650000/3750	100%	0.202	-0.01	25.50	27.00	1.413	0.285	22.3
Body worn Test data (50%RB) sensor off											
Front side-14mm	100	QPSK 135_69	650000/3750	100%	0.682	0.10	25.44	27.00	1.432	0.977	22.3
Front side-14mm	100	QPSK 135_69	662000/3930	100%	0.671	0.19	25.39	27.00	1.449	0.972	22.3
Back side-21mm	100	QPSK 135_69	650000/3750	100%	0.195	-0.14	25.44	27.00	1.432	0.279	22.3
Body worn Test data (100%RB) sensor off											
Front side-14mm	100	QPSK 270_0	650000/3750	100%	0.664	0.08	24.30	26.00	1.479	0.982	22.3
Body worn Evaluate data (Separate 10mm 1RB) sensor on for Simultaneous ULCA&ENDC											
Front side	100	QPSK 1_1	650000/3750	100%	0.738	-0.07	20.53	19.00	0.703	0.519	22.3
Back side	100	QPSK 1_1	650000/3750	100%	0.241	-0.07	20.53	19.00	0.703	0.169	22.3
Body worn Evaluate data (Separate 10mm 50%RB) sensor on for Simultaneous ULCA&ENDC											
Front side	100	QPSK 135_69	650000/3750	100%	0.712	0.08	20.50	19.00	0.708	0.504	22.3
Back side	100	QPSK 135_69	650000/3750	100%	0.202	-0.06	20.50	19.00	0.708	0.143	22.3
Body worn Evaluate data (1RB) sensor off for Simultaneous ULCA&ENDC											
Front side-14mm	100	QPSK 1_1	650000/3750	100%	0.705	0.09	25.50	19.00	0.224	0.158	22.3
Back side-21mm	100	QPSK 1_1	650000/3750	100%	0.202	-0.01	25.50	19.00	0.224	0.045	22.3

Body worn Evaluate data (50%RB) sensor off for Simultaneous ULCA&ENDC											
Front side-14mm	100	QPSK 135_69	650000/3750	100%	0.682	0.10	25.44	19.00	0.227	0.155	22.3
Back side-21mm	100	QPSK 135_69	650000/3750	100%	0.195	-0.14	25.44	19.00	0.227	0.044	22.3
Hotspot Test data (Separate 10mm 1RB) Hotspot on											
Front side	100	QPSK 1_1	650000/3750	100%	0.738	-0.07	20.53	22.00	1.403	1.035	22.3
Front side	100	QPSK 1_1	662000/3930	100%	0.710	0.06	20.38	22.00	1.452	1.031	22.3
Back side	100	QPSK 1_1	650000/3750	100%	0.241	-0.07	20.53	22.00	1.403	0.338	22.3
Right side	100	QPSK 1_1	650000/3750	100%	0.094	0.08	20.53	22.00	1.403	0.132	22.3
Top side	100	QPSK 1_1	650000/3750	100%	0.523	-0.05	20.53	22.00	1.403	0.734	22.3
Hotspot Test data (Separate 10mm 50%RB) Hotspot on											
Front side	100	QPSK 135_69	650000/3750	100%	0.712	0.08	20.50	22.00	1.413	1.006	22.3
Front side	100	QPSK 135_69	662000/3930	100%	0.685	0.01	20.37	22.00	1.455	0.997	22.3
Back side	100	QPSK 135_69	650000/3750	100%	0.202	-0.06	20.50	22.00	1.413	0.285	22.3
Right side	100	QPSK 135_69	650000/3750	100%	0.081	0.10	20.50	22.00	1.413	0.114	22.3
Top side	100	QPSK 135_69	650000/3750	100%	0.461	-0.19	20.50	22.00	1.413	0.651	22.3
Hotspot Test data (Separate 10mm 100%RB) Hotspot on											
Front side	100	QPSK 270_0	650000/3750	100%	0.566	0.08	19.32	21.00	1.472	0.833	22.3
Hotspot Evaluate data (Separate 10mm 1RB) for Hotspot on Simultaneous ULCA&ENDC											
Front side	100	QPSK 1_1	650000/3750	100%	0.738	-0.07	20.53	19.00	0.703	0.519	22.3
Back side	100	QPSK 1_1	650000/3750	100%	0.241	-0.07	20.53	19.00	0.703	0.169	22.3
Right side	100	QPSK 1_1	650000/3750	100%	0.094	0.08	20.53	19.00	0.703	0.066	22.3
Top side	100	QPSK 1_1	650000/3750	100%	0.523	-0.05	20.53	19.00	0.703	0.368	22.3
Hotspot Evaluate data (Separate 10mm 50%RB) for Hotspot on Simultaneous ULCA&ENDC											
Front side	100	QPSK 135_69	650000/3750	100%	0.712	0.08	20.50	19.00	0.708	0.504	22.3
Back side	100	QPSK 135_69	650000/3750	100%	0.202	-0.06	20.50	19.00	0.708	0.143	22.3
Right side	100	QPSK 135_69	650000/3750	100%	0.081	0.10	20.50	19.00	0.708	0.057	22.3
Top side	100	QPSK 135_69	650000/3750	100%	0.461	-0.19	20.50	19.00	0.708	0.326	22.3
Ant7 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.112	-0.05	23.95	25.00	1.274	0.143	22.3
Left tilted	100	QPSK 1_1	650000/3750	100%	0.117	-0.14	23.95	25.00	1.274	0.149	22.3
Right cheek	100	QPSK 1_1	650000/3750	100%	0.183	0.06	23.95	25.00	1.274	0.233	22.3
Right tilted	100	QPSK 1_1	650000/3750	100%	0.081	0.04	23.95	25.00	1.274	0.103	22.3
Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.102	-0.15	23.73	25.00	1.340	0.137	22.3
Left tilted	100	QPSK 135_69	650000/3750	100%	0.110	-0.08	23.73	25.00	1.340	0.147	22.3
Right cheek	100	QPSK 135_69	650000/3750	100%	0.168	0.16	23.73	25.00	1.340	0.225	22.3
Right tilted	100	QPSK 135_69	650000/3750	100%	0.074	-0.11	23.73	25.00	1.340	0.099	22.3
Body worn Test data (Separate 10mm 1RB) sensor on											
Front side	100	QPSK 1_1	650000/3750	100%	0.330	0.12	23.95	25.00	1.274	0.420	22.3
Back side	100	QPSK 1_1	650000/3750	100%	0.744	-0.13	23.95	25.00	1.274	0.948	22.3
Back side	100	QPSK 1_1	662000/3930	100%	0.715	0.06	23.84	25.00	1.306	0.934	22.3
Body worn Test data (Separate 10mm 50%RB) sensor on											
Front side	100	QPSK 135_69	650000/3750	100%	0.273	-0.15	23.73	25.00	1.340	0.366	22.3
Back side	100	QPSK 135_69	650000/3750	100%	0.706	0.00	23.73	25.00	1.340	0.946	22.3
Back side	100	QPSK 135_69	662000/3930	100%	0.674	0.08	23.84	25.00	1.306	0.880	22.3
Body worn Test data (Separate 10mm 100%RB) sensor on											
Back side	100	QPSK 270_0	650000/3750	100%	0.561	0.08	22.72	24.00	1.343	0.753	22.3
Body worn Test data (1RB) sensor off											

Front side-14mm	100	QPSK 1_1	650000/3750	100%	0.215	0.06	25.95	27.00	1.274	0.274	22.3
Back side-21mm	100	QPSK 1_1	650000/3750	100%	0.257	0.07	25.95	27.00	1.274	0.327	22.3
Body worn Test data (50%RB) sensor off											
Front side-14mm	100	QPSK 135_69	650000/3750	100%	0.202	0.04	25.73	27.00	1.340	0.271	22.3
Back side-21mm	100	QPSK 135_69	650000/3750	100%	0.230	0.09	25.73	27.00	1.340	0.308	22.3
Hotspot Test data (Separate 10mm 1RB) Hotspot on											
Front side	100	QPSK 1_1	650000/3750	100%	0.330	0.12	23.95	25.00	1.274	0.420	22.3
Back side	100	QPSK 1_1	650000/3750	100%	0.744	-0.13	23.95	25.00	1.274	0.948	22.3
Back side	100	QPSK 1_1	662000/3930	100%	0.715	0.06	23.84	25.00	1.306	0.934	22.3
Right side	100	QPSK 1_1	650000/3750	100%	0.491	0.13	23.95	25.00	1.274	0.626	22.3
Bottom side	100	QPSK 1_1	650000/3750	100%	0.295	0.10	23.95	25.00	1.274	0.376	22.3
Hotspot Test data (Separate 10mm 50%RB) Hotspot on											
Front side	100	QPSK 135_69	650000/3750	100%	0.273	-0.15	23.73	25.00	1.340	0.366	22.3
Back side	100	QPSK 135_69	650000/3750	100%	0.706	0.00	23.73	25.00	1.340	0.946	22.3
Back side	100	QPSK 135_69	662000/3930	100%	0.674	0.08	23.84	25.00	1.306	0.880	22.3
Right side	100	QPSK 135_69	650000/3750	100%	0.462	-0.03	23.73	25.00	1.340	0.619	22.3
Bottom side	100	QPSK 135_69	650000/3750	100%	0.236	0.17	23.73	25.00	1.340	0.316	22.3
Hotspot Test data (Separate 10mm 100%RB) Hotspot on											
Back side	100	QPSK 270_0	650000/3750	100%	0.561	0.08	22.72	24.00	1.343	0.753	22.3

8.3.26 SAR Result of WIFI 2.4G

Wi-Fi 2.4G SAR Test Record											
Ant9 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	11/2462	98.89%	1.011	0.296	-0.02	17.76	18.00	1.057	0.316	22.2
Left tilted	802.11b	11/2462	98.89%	1.011	0.000	0.07	17.76	18.00	1.057	0.000	22.2
Right cheek	802.11b	11/2462	98.89%	1.011	0.174	-0.12	17.76	18.00	1.057	0.186	22.2
Right tilted	802.11b	11/2462	98.89%	1.011	0.221	-0.11	17.76	18.00	1.057	0.236	22.2
Body worn Test data (Separate 10mm)											
Front side	802.11b	11/2462	98.89%	1.011	0.080	-0.13	17.76	18.00	1.057	0.085	22.2
Back side	802.11b	11/2462	98.89%	1.011	0.110	-0.09	17.76	18.00	1.057	0.118	22.2
Hotspot Test data (Separate 10mm)											
Front side	802.11b	11/2462	98.89%	1.011	0.080	-0.14	17.76	18.00	1.057	0.085	22.2
Back side	802.11b	11/2462	98.89%	1.011	0.110	-0.09	17.76	18.00	1.057	0.118	22.2
Right side	802.11b	11/2462	98.89%	1.011	0.065	0.11	17.76	18.00	1.057	0.069	22.2
Top side	802.11b	11/2462	98.89%	1.011	0.075	-0.18	17.76	18.00	1.057	0.080	22.2

8.3.27 SAR Result of WIFI 5G

Wi-Fi 5G SAR Test Record											
Ant9 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data of U-NII-2A											
Left cheek	802.11a	60/5300	98.33%	1.017	0.119	0.19	15.13	16.00	1.222	0.148	22.1
Left tilted	802.11a	60/5300	98.33%	1.017	0.123	-0.02	15.13	16.00	1.222	0.153	22.1
Right cheek	802.11a	60/5300	98.33%	1.017	0.066	0.12	15.13	16.00	1.222	0.082	22.1
Right tilted	802.11a	60/5300	98.33%	1.017	0.085	-0.19	15.13	16.00	1.222	0.106	22.1
Head Test Data of U-NII-2C											
Left cheek	802.11a	100/5500	98.33%	1.017	0.302	0.01	15.76	16.00	1.057	0.325	22.1
Left tilted	802.11a	100/5500	98.33%	1.017	0.109	0.15	15.76	16.00	1.057	0.117	22.1
Right cheek	802.11a	100/5500	98.33%	1.017	0.062	-0.09	15.76	16.00	1.057	0.067	22.1
Right tilted	802.11a	100/5500	98.33%	1.017	0.050	-0.14	15.76	16.00	1.057	0.054	22.1
Head Test Data of U-NII-3											
Left cheek	802.11a	157/5785	98.33%	1.017	0.134	0.12	15.35	16.00	1.161	0.158	22.1
Left tilted	802.11a	157/5785	98.33%	1.017	0.107	-0.03	15.35	16.00	1.161	0.126	22.1
Right cheek	802.11a	157/5785	98.33%	1.017	0.077	0.19	15.35	16.00	1.161	0.091	22.1
Right tilted	802.11a	157/5785	98.33%	1.017	0.058	-0.06	15.35	16.00	1.161	0.068	22.1
Body worn Test data of U-NII-2A (Separate 10mm)											
Front side	802.11a	60/5300	98.33%	1.017	0.105	-0.18	15.13	16.00	1.222	0.130	22.1
Back side	802.11a	60/5300	98.33%	1.017	0.285	0.00	15.13	16.00	1.222	0.354	22.1
Body worn Test data of U-NII-2C (Separate 10mm)											
Front side	802.11a	100/5500	98.33%	1.017	0.067	0.01	15.76	16.00	1.057	0.072	22.1
Back side	802.11a	100/5500	98.33%	1.017	0.228	-0.18	15.76	16.00	1.057	0.245	22.1
Body worn Test data of U-NII-3 (Separate 10mm)											
Front side	802.11a	157/5785	98.33%	1.017	0.082	0.00	15.35	16.00	1.161	0.097	22.1
Back side	802.11a	157/5785	98.33%	1.017	0.158	0.08	15.35	16.00	1.161	0.187	22.1
Hotspot Test data of U-NII-1 (Separate 10mm)											
Front side	802.11a	40/5200	98.33%	1.017	0.105	-0.06	15.17	16.00	1.211	0.129	22.1
Back side	802.11a	40/5200	98.33%	1.017	0.288	-0.15	15.17	16.00	1.211	0.355	22.1
Right side	802.11a	40/5200	98.33%	1.017	0.374	-0.09	15.17	16.00	1.211	0.461	22.1
Top side	802.11a	40/5200	98.33%	1.017	0.104	0.16	15.17	16.00	1.211	0.128	22.1
Hotspot Test data of U-NII-3 (Separate 10mm)											
Front side	802.11a	157/5785	98.33%	1.017	0.082	0.04	15.35	16.00	1.161	0.097	22.1
Back side	802.11a	157/5785	98.33%	1.017	0.158	0.10	15.35	16.00	1.161	0.187	22.1
Right side	802.11a	157/5785	98.33%	1.017	0.211	-0.06	15.35	16.00	1.161	0.249	22.1
Top side	802.11a	157/5785	98.33%	1.017	0.153	0.18	15.35	16.00	1.161	0.181	22.1
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)
Product specific 10gSAR Test data of U-NII-2A (Separate 0mm)											
Front side	802.11a	60/5300	98.33%	1.017	0.099	-0.04	15.13	16.00	1.222	0.123	22.1
Back side	802.11a	60/5300	98.33%	1.017	0.612	0.06	15.13	16.00	1.222	0.761	22.1
Right side	802.11a	60/5300	98.33%	1.017	0.589	-0.15	15.13	16.00	1.222	0.732	22.1
Top side	802.11a	60/5300	98.33%	1.017	0.164	-0.19	15.13	16.00	1.222	0.204	22.1
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm)											
Front side	802.11a	100/5500	98.33%	1.017	0.128	0.13	15.76	16.00	1.057	0.138	22.1



Back side	802.11a	100/5500	98.33%	1.017	0.753	0.00	15.76	16.00	1.057	0.809	22.1
Right side	802.11a	100/5500	98.33%	1.017	0.665	-0.09	15.76	16.00	1.057	0.715	22.1
Top side	802.11a	100/5500	98.33%	1.017	0.171	0.08	15.76	16.00	1.057	0.184	22.1

8.3.28 SAR Result of BT

Bluetooth SAR Test Record											
Ant9 Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data											
Left cheek	DH5	78/2480	76.53%	1.307	0.073	0.04	8.24	8.50	1.062	0.101	22.2
Left tilted	DH5	78/2480	76.53%	1.307	0.030	-0.06	8.24	8.50	1.062	0.042	22.2
Right cheek	DH5	78/2480	76.53%	1.307	0.063	-0.14	8.24	8.50	1.062	0.087	22.2
Right tilted	DH5	78/2480	76.53%	1.307	0.033	0.01	8.24	8.50	1.062	0.046	22.2
Body worn Test data (Separate 10mm)											
Front side	DH5	78/2480	76.53%	1.307	0.000	-0.03	8.24	8.50	1.062	0.000	22.2
Back side	DH5	78/2480	76.53%	1.307	0.041	-0.09	8.24	8.50	1.062	0.057	22.2
Hotspot Test data (Separate 10mm)											
Front side	DH5	78/2480	76.53%	1.307	0.000	0.07	8.24	8.50	1.062	0.000	22.2
Back side	DH5	78/2480	76.53%	1.307	0.041	-0.09	8.24	8.50	1.062	0.057	22.2
Right side	DH5	78/2480	76.53%	1.307	0.000	0.11	8.24	8.50	1.062	0.000	22.2
Top side	DH5	78/2480	76.53%	1.307	0.000	-0.14	8.24	8.50	1.062	0.000	22.2

8.3.29 SAR Result of NFC

NFC SAR Test Record									
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 10-g	Power drift (dB)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(°C)
NFC Test data (Separate 0mm)									
Front side	NFC	13.56MHz	100.00%	1.000	0.000	0.06	1.000	0.000	22.5
Back side	NFC	13.56MHz	100.00%	1.000	0.005	0.00	1.000	0.005	22.5
Left side	NFC	13.56MHz	100.00%	1.000	0.000	-0.01	1.000	0.000	22.5
Right side	NFC	13.56MHz	100.00%	1.000	0.000	0.06	1.000	0.000	22.5
Top side	NFC	13.56MHz	100.00%	1.000	0.000	0.07	1.000	0.000	22.5
Bottom side	NFC	13.56MHz	100.00%	1.000	0.000	0.01	1.000	0.000	22.5

8.4 Multiple Transmitter Evaluation

8.4.1 Simultaneous SAR test evaluation

No.	Simultaneous Tx Combination	Head	Body worn	Hotspot	Product specific 10gSAR
1	WIFI2.4G+BT	Y	Y	Y	Y
2	WIFI5G+BT	Y	Y	Y	Y
3	WIFI2.4G+WIFI5G	Y	Y	Y	Y
4	WIFI2.4G+WIFI5G+BT	Y	Y	Y	Y
5	WWAN+WIFI2.4G	Y	Y	Y	Y
6	WWAN+BT	Y	Y	Y	Y
7	WWAN+WIFI5G	Y	Y	Y	Y
8	WWAN+WIFI2.4G	Y	Y	Y	Y
9	WWAN+WIFI2.4G+BT	Y	Y	Y	Y
10	WWAN+WIFI5G+BT	Y	Y	Y	Y
11	WWAN+WIFI2.4G+WIFI5G	Y	Y	Y	Y
12	WWAN+WIFI2.4G+WIFI5G+BT	Y	Y	Y	Y
13	WWAN+WIFI5G+NFC	N	N	N	Y

8.4.2 Simultaneous Transmission SAR Summation Scenario

Head:

Test position		SARmax (W/kg)				Summed SAR 1+2+3+4
		WWAN	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
WCDMA Band II	Left cheek	0.075	0.316	0.325	0.101	0.817
	Left tilted	0.065	0.000	0.153	0.042	0.260
	Right cheek	0.129	0.186	0.091	0.087	0.493
	Right tilted	0.048	0.236	0.106	0.046	0.436
WCDMA Band IV	Left cheek	0.090	0.316	0.325	0.101	0.832
	Left tilted	0.069	0.000	0.153	0.042	0.264
	Right cheek	0.182	0.186	0.091	0.087	0.546
	Right tilted	0.056	0.236	0.106	0.046	0.444
WCDMA Band V	Left cheek	0.172	0.316	0.325	0.101	0.914
	Left tilted	0.096	0.000	0.153	0.042	0.291
	Right cheek	0.183	0.186	0.091	0.087	0.547
	Right tilted	0.105	0.236	0.106	0.046	0.493
LTE Band 7	Left cheek	0.499	0.316	0.325	0.101	1.241
	Left tilted	0.486	0.000	0.153	0.042	0.681
	Right cheek	1.071	0.186	0.091	0.087	1.435
	Right tilted	0.776	0.236	0.106	0.046	1.164
LTE Band 12(17)	Left cheek	0.000	0.316	0.325	0.101	0.742
	Left tilted	0.000	0.000	0.153	0.042	0.195
	Right cheek	0.054	0.186	0.091	0.087	0.418
	Right tilted	0.000	0.236	0.106	0.046	0.388
LTE Band 13	Left cheek	0.000	0.316	0.325	0.101	0.742
	Left tilted	0.000	0.000	0.153	0.042	0.195
	Right cheek	0.066	0.186	0.091	0.087	0.430
	Right tilted	0.000	0.236	0.106	0.046	0.388
LTE Band 14	Left cheek	0.000	0.316	0.325	0.101	0.742
	Left tilted	0.000	0.000	0.153	0.042	0.195
	Right cheek	0.060	0.186	0.091	0.087	0.424
	Right tilted	0.000	0.236	0.106	0.046	0.388
LTE Band 25(2)	Left cheek	0.669	0.316	0.325	0.101	1.411
	Left tilted	0.788	0.000	0.153	0.042	0.983
	Right cheek	1.004	0.186	0.091	0.087	1.368
	Right tilted	1.106	0.236	0.106	0.046	1.494
LTE Band 26(5)	Left cheek	0.088	0.316	0.325	0.101	0.830
	Left tilted	0.075	0.000	0.153	0.042	0.270
	Right cheek	0.141	0.186	0.091	0.087	0.505
	Right tilted	0.077	0.236	0.106	0.046	0.465
LTE Band 30	Left cheek	0.369	0.316	0.325	0.101	1.111
	Left tilted	0.351	0.000	0.153	0.042	0.546
	Right cheek	1.017	0.186	0.091	0.087	1.381
	Right tilted	0.621	0.236	0.106	0.046	1.009
LTE Band 41(38)	Left cheek	0.000	0.316	0.325	0.101	0.742
	Left tilted	0.000	0.000	0.153	0.042	0.195
	Right cheek	0.000	0.186	0.091	0.087	0.364
	Right tilted	0.000	0.236	0.106	0.046	0.388
LTE Band 48	Left cheek	0.837	0.316	0.325	0.101	1.579

	Left tilted	0.939	0.000	0.153	0.042	1.134
	Right cheek	0.705	0.186	0.091	0.087	1.069
	Right tilted	0.751	0.236	0.106	0.046	1.139
LTE Band 66	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.072	0.186	0.091	0.087	1.436
	Right tilted	0.932	0.236	0.106	0.046	1.320
LTE Band 71	Left cheek	0.000	0.316	0.325	0.101	0.742
	Left tilted	0.000	0.000	0.153	0.042	0.195
	Right cheek	0.035	0.186	0.091	0.087	0.399
	Right tilted	0.000	0.236	0.106	0.046	0.388
NR Band n5	Left cheek	0.138	0.316	0.325	0.101	0.880
	Left tilted	0.091	0.000	0.153	0.042	0.286
	Right cheek	0.146	0.186	0.091	0.087	0.510
	Right tilted	0.090	0.236	0.106	0.046	0.478
NR Band n7	Left cheek	0.553	0.316	0.325	0.101	1.295
	Left tilted	0.545	0.000	0.153	0.042	0.740
	Right cheek	1.117	0.186	0.091	0.087	1.481
	Right tilted	0.791	0.236	0.106	0.046	1.179
NR Band n14	Left cheek	0.051	0.316	0.325	0.101	0.793
	Left tilted	0.000	0.000	0.153	0.042	0.195
	Right cheek	0.059	0.186	0.091	0.087	0.423
	Right tilted	0.000	0.236	0.106	0.046	0.388
NR Band n25(2)	Left cheek	0.682	0.316	0.325	0.101	1.424
	Left tilted	0.883	0.000	0.153	0.042	1.078
	Right cheek	1.030	0.186	0.091	0.087	1.394
	Right tilted	1.068	0.236	0.106	0.046	1.456
NR Band n30	Left cheek	0.488	0.316	0.325	0.101	1.230
	Left tilted	0.396	0.000	0.153	0.042	0.591
	Right cheek	1.196	0.186	0.091	0.087	1.560
	Right tilted	0.742	0.236	0.106	0.046	1.130
NR Band n41(38)	Left cheek	0.528	0.316	0.325	0.101	1.270
	Left tilted	0.550	0.000	0.153	0.042	0.745
	Right cheek	1.099	0.186	0.091	0.087	1.463
	Right tilted	0.819	0.236	0.106	0.046	1.207
NR Band n48	Left cheek	0.818	0.316	0.325	0.101	1.560
	Left tilted	0.932	0.000	0.153	0.042	1.127
	Right cheek	0.690	0.186	0.091	0.087	1.054
	Right tilted	0.706	0.236	0.106	0.046	1.094
NR Band n66	Left cheek	0.713	0.316	0.325	0.101	1.455
	Left tilted	0.745	0.000	0.153	0.042	0.940
	Right cheek	1.044	0.186	0.091	0.087	1.408
	Right tilted	0.995	0.236	0.106	0.046	1.383
NR Band n71	Left cheek	0.000	0.316	0.325	0.101	0.742
	Left tilted	0.000	0.000	0.153	0.042	0.195
	Right cheek	0.039	0.186	0.091	0.087	0.403
	Right tilted	0.000	0.236	0.106	0.046	0.388
NR Band n77	Left cheek	0.753	0.316	0.325	0.101	1.495
	Left tilted	1.047	0.000	0.153	0.042	1.242
	Right cheek	0.941	0.186	0.091	0.087	1.305
	Right tilted	1.007	0.236	0.106	0.046	1.395

Test position		SARmax (W/kg)				Summed SAR 1+2+3+4
		Inter-band UL CA	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
CA_2A-4A	Left cheek	0.760	0.316	0.325	0.101	1.502
	Left tilted	0.773	0.000	0.153	0.042	0.968
	Right cheek	1.171	0.186	0.091	0.087	1.535
	Right tilted	0.983	0.236	0.106	0.046	1.371
CA_2A-5A	Left cheek	0.757	0.316	0.325	0.101	1.499
	Left tilted	0.863	0.000	0.153	0.042	1.058
	Right cheek	1.145	0.186	0.091	0.087	1.509
	Right tilted	1.183	0.236	0.106	0.046	1.571
CA_2A-12A	Left cheek	0.669	0.316	0.325	0.101	1.411
	Left tilted	0.788	0.000	0.153	0.042	0.983
	Right cheek	1.058	0.186	0.091	0.087	1.422
	Right tilted	1.106	0.236	0.106	0.046	1.494
CA_2A-13A	Left cheek	0.669	0.316	0.325	0.101	1.411
	Left tilted	0.788	0.000	0.153	0.042	0.983
	Right cheek	1.070	0.186	0.091	0.087	1.434
	Right tilted	1.106	0.236	0.106	0.046	1.494
CA_2A-14A	Left cheek	0.669	0.316	0.325	0.101	1.411
	Left tilted	0.788	0.000	0.153	0.042	0.983
	Right cheek	1.064	0.186	0.091	0.087	1.428
	Right tilted	1.106	0.236	0.106	0.046	1.494
CA_2A-30A	Left cheek	0.456	0.316	0.325	0.101	1.198
	Left tilted	0.420	0.000	0.153	0.042	0.615
	Right cheek	1.116	0.186	0.091	0.087	1.480
	Right tilted	0.672	0.236	0.106	0.046	1.060
CA_2A-66A	Left cheek	0.760	0.316	0.325	0.101	1.502
	Left tilted	0.773	0.000	0.153	0.042	0.968
	Right cheek	1.171	0.186	0.091	0.087	1.535
	Right tilted	0.983	0.236	0.106	0.046	1.371
CA_2A-71A	Left cheek	0.669	0.316	0.325	0.101	1.411
	Left tilted	0.788	0.000	0.153	0.042	0.983
	Right cheek	1.039	0.186	0.091	0.087	1.403
	Right tilted	1.106	0.236	0.106	0.046	1.494
CA_4A-5A	Left cheek	0.761	0.316	0.325	0.101	1.503
	Left tilted	0.779	0.000	0.153	0.042	0.974
	Right cheek	1.213	0.186	0.091	0.087	1.577
	Right tilted	1.009	0.236	0.106	0.046	1.397
CA_4A-12A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.126	0.186	0.091	0.087	1.490
	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_4A-13A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.138	0.186	0.091	0.087	1.502
	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_4A-14A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.132	0.186	0.091	0.087	1.496

	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_4A-30A	Left cheek	0.460	0.316	0.325	0.101	1.202
	Left tilted	0.419	0.000	0.153	0.042	0.614
	Right cheek	1.162	0.186	0.091	0.087	1.526
	Right tilted	0.694	0.236	0.106	0.046	1.082
CA_4A-71A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.107	0.186	0.091	0.087	1.471
	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_5A-30A	Left cheek	0.457	0.316	0.325	0.101	1.199
	Left tilted	0.426	0.000	0.153	0.042	0.621
	Right cheek	1.158	0.186	0.091	0.087	1.522
	Right tilted	0.698	0.236	0.106	0.046	1.086
CA_5A-66A	Left cheek	0.761	0.316	0.325	0.101	1.503
	Left tilted	0.779	0.000	0.153	0.042	0.974
	Right cheek	1.213	0.186	0.091	0.087	1.577
	Right tilted	1.009	0.236	0.106	0.046	1.397
CA_12A-30A	Left cheek	0.369	0.316	0.325	0.101	1.111
	Left tilted	0.351	0.000	0.153	0.042	0.546
	Right cheek	1.071	0.186	0.091	0.087	1.435
	Right tilted	0.621	0.236	0.106	0.046	1.009
CA_12A-66A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.126	0.186	0.091	0.087	1.490
	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_13A-66A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.138	0.186	0.091	0.087	1.502
	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_14A-30A	Left cheek	0.369	0.316	0.325	0.101	1.111
	Left tilted	0.351	0.000	0.153	0.042	0.546
	Right cheek	1.077	0.186	0.091	0.087	1.441
	Right tilted	0.621	0.236	0.106	0.046	1.009
CA_14A-66A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.132	0.186	0.091	0.087	1.496
	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_30A-66A	Left cheek	0.741	0.316	0.325	0.101	1.483
	Left tilted	0.774	0.000	0.153	0.042	0.969
	Right cheek	1.072	0.186	0.091	0.087	1.436
	Right tilted	0.932	0.236	0.106	0.046	1.320
CA_66A-71A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.107	0.186	0.091	0.087	1.471
	Right tilted	0.932	0.236	0.106	0.046	1.320

Test position		SARmax (W/kg)				Summed SAR
		EN-DC Max SAR	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
DC_5A_n2A	Left cheek	0.770	0.316	0.325	0.101	1.512
	Left tilted	0.958	0.000	0.153	0.042	1.153

	Right cheek	1.171	0.186	0.091	0.087	1.535
	Right tilted	1.145	0.236	0.106	0.046	1.533
DC_12A_n2A	Left cheek	0.682	0.316	0.325	0.101	1.424
	Left tilted	0.883	0.000	0.153	0.042	1.078
	Right cheek	1.084	0.186	0.091	0.087	1.448
	Right tilted	1.068	0.236	0.106	0.046	1.456
DC_13A_n2A	Left cheek	0.682	0.316	0.325	0.101	1.424
	Left tilted	0.883	0.000	0.153	0.042	1.078
	Right cheek	1.096	0.186	0.091	0.087	1.460
	Right tilted	1.068	0.236	0.106	0.046	1.456
DC_14A_n2A	Left cheek	0.682	0.316	0.325	0.101	1.424
	Left tilted	0.883	0.000	0.153	0.042	1.078
	Right cheek	1.090	0.186	0.091	0.087	1.454
	Right tilted	1.068	0.236	0.106	0.046	1.456
DC_30A_n2A	Left cheek	0.463	0.316	0.325	0.101	1.205
	Left tilted	0.443	0.000	0.153	0.042	0.638
	Right cheek	1.115	0.186	0.091	0.087	1.479
	Right tilted	0.671	0.236	0.106	0.046	1.059
DC_66A_n2A	Left cheek	0.767	0.316	0.325	0.101	1.509
	Left tilted	0.796	0.000	0.153	0.042	0.991
	Right cheek	1.170	0.186	0.091	0.087	1.534
	Right tilted	0.982	0.236	0.106	0.046	1.370
DC_2A_n5A	Left cheek	0.807	0.316	0.325	0.101	1.549
	Left tilted	0.879	0.000	0.153	0.042	1.074
	Right cheek	1.150	0.186	0.091	0.087	1.514
	Right tilted	1.196	0.236	0.106	0.046	1.584
DC_30A_n5A	Left cheek	0.507	0.316	0.325	0.101	1.249
	Left tilted	0.442	0.000	0.153	0.042	0.637
	Right cheek	1.163	0.186	0.091	0.087	1.527
	Right tilted	0.711	0.236	0.106	0.046	1.099
DC_66A_n5A	Left cheek	0.811	0.316	0.325	0.101	1.553
	Left tilted	0.795	0.000	0.153	0.042	0.990
	Right cheek	1.218	0.186	0.091	0.087	1.582
	Right tilted	1.022	0.236	0.106	0.046	1.410
DC_66A_n25A	Left cheek	0.767	0.316	0.325	0.101	1.509
	Left tilted	0.796	0.000	0.153	0.042	0.991
	Right cheek	1.170	0.186	0.091	0.087	1.534
	Right tilted	0.982	0.236	0.106	0.046	1.370
DC_2A_n41A	Left cheek	0.725	0.316	0.325	0.101	1.467
	Left tilted	0.839	0.000	0.153	0.042	1.034
	Right cheek	1.004	0.186	0.091	0.087	1.368
	Right tilted	1.106	0.236	0.106	0.046	1.494
DC_66A_n41A	Left cheek	0.729	0.316	0.325	0.101	1.471
	Left tilted	0.755	0.000	0.153	0.042	0.950
	Right cheek	1.072	0.186	0.091	0.087	1.436
	Right tilted	0.932	0.236	0.106	0.046	1.320
DC_2A_n66A	Left cheek	0.770	0.316	0.325	0.101	1.512
	Left tilted	0.872	0.000	0.153	0.042	1.067
	Right cheek	1.189	0.186	0.091	0.087	1.553
	Right tilted	1.174	0.236	0.106	0.046	1.562
DC_5A_n66A	Left cheek	0.801	0.316	0.325	0.101	1.543

	Left tilted	0.820	0.000	0.153	0.042	1.015
	Right cheek	1.185	0.186	0.091	0.087	1.549
	Right tilted	1.072	0.236	0.106	0.046	1.460
DC_12A_n66A	Left cheek	0.713	0.316	0.325	0.101	1.455
	Left tilted	0.745	0.000	0.153	0.042	0.940
	Right cheek	1.098	0.186	0.091	0.087	1.462
	Right tilted	0.995	0.236	0.106	0.046	1.383
DC_13A_n66A	Left cheek	0.713	0.316	0.325	0.101	1.455
	Left tilted	0.745	0.000	0.153	0.042	0.940
	Right cheek	1.110	0.186	0.091	0.087	1.474
	Right tilted	0.995	0.236	0.106	0.046	1.383
DC_14A_n66A	Left cheek	0.713	0.316	0.325	0.101	1.455
	Left tilted	0.745	0.000	0.153	0.042	0.940
	Right cheek	1.104	0.186	0.091	0.087	1.468
	Right tilted	0.995	0.236	0.106	0.046	1.383
DC_30A_n66A	Left cheek	0.470	0.316	0.325	0.101	1.212
	Left tilted	0.435	0.000	0.153	0.042	0.630
	Right cheek	1.202	0.186	0.091	0.087	1.566
	Right tilted	0.689	0.236	0.106	0.046	1.077
DC_2A_n71A	Left cheek	0.669	0.316	0.325	0.101	1.411
	Left tilted	0.788	0.000	0.153	0.042	0.983
	Right cheek	1.043	0.186	0.091	0.087	1.407
	Right tilted	1.106	0.236	0.106	0.046	1.494
DC_66A_n71A	Left cheek	0.673	0.316	0.325	0.101	1.415
	Left tilted	0.704	0.000	0.153	0.042	0.899
	Right cheek	1.111	0.186	0.091	0.087	1.475
	Right tilted	0.932	0.236	0.106	0.046	1.320
DC_2A_n77A	Left cheek	0.840	0.316	0.325	0.101	1.582
	Left tilted	1.116	0.000	0.153	0.042	1.311
	Right cheek	1.040	0.186	0.091	0.087	1.404
	Right tilted	1.058	0.236	0.106	0.046	1.446
DC_5A_n77A	Left cheek	0.841	0.316	0.325	0.101	1.583
	Left tilted	1.122	0.000	0.153	0.042	1.317
	Right cheek	1.082	0.186	0.091	0.087	1.446
	Right tilted	1.084	0.236	0.106	0.046	1.472
DC_12A_n77A	Left cheek	0.753	0.316	0.325	0.101	1.495
	Left tilted	1.047	0.000	0.153	0.042	1.242
	Right cheek	0.995	0.186	0.091	0.087	1.359
	Right tilted	1.007	0.236	0.106	0.046	1.395
DC_13A_n77A	Left cheek	0.753	0.316	0.325	0.101	1.495
	Left tilted	1.047	0.000	0.153	0.042	1.242
	Right cheek	1.007	0.186	0.091	0.087	1.371
	Right tilted	1.007	0.236	0.106	0.046	1.395
DC_14A_n77A	Left cheek	0.753	0.316	0.325	0.101	1.495
	Left tilted	1.047	0.000	0.153	0.042	1.242
	Right cheek	1.001	0.186	0.091	0.087	1.365
	Right tilted	1.007	0.236	0.106	0.046	1.395
DC_66A_n77A	Left cheek	0.844	0.316	0.325	0.101	1.586
	Left tilted	1.115	0.000	0.153	0.042	1.310
	Right cheek	1.086	0.186	0.091	0.087	1.450
	Right tilted	1.080	0.236	0.106	0.046	1.468

LTE Band ULCA	Exposure position	Ant0	Ant1	Ant5	LTE B2		Inter-band CA Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B4	Left Touch	/	0.673	/	0.087	/	/	0.760	/
	Left Tilt	/	0.704	/	0.069	/	/	0.773	/
	Right Touch	/	1.072	/	0.099	/	/	1.171	/
	Right Tilt	/	0.932	/	0.051	/	/	0.983	/
LTE B5	Left Touch	0.088	/	/	/	0.669	0.757	/	/
	Left Tilt	0.075	/	/	/	0.788	0.863	/	/
	Right Touch	0.141	/	/	/	1.004	1.145	/	/
	Right Tilt	0.077	/	/	/	1.106	1.183	/	/
LTE B12	Left Touch	0.000	/	/	/	0.669	0.669	/	/
	Left Tilt	0.000	/	/	/	0.788	0.788	/	/
	Right Touch	0.054	/	/	/	1.004	1.058	/	/
	Right Tilt	0.000	/	/	/	1.106	1.106	/	/
LTE B13	Left Touch	0.000	/	/	/	0.669	0.669	/	/
	Left Tilt	0.000	/	/	/	0.788	0.788	/	/
	Right Touch	0.066	/	/	/	1.004	1.070	/	/
	Right Tilt	0.000	/	/	/	1.106	1.106	/	/
LTE B14	Left Touch	0.000	/	/	/	0.669	0.669	/	/
	Left Tilt	0.000	/	/	/	0.788	0.788	/	/
	Right Touch	0.060	/	/	/	1.004	1.064	/	/
	Right Tilt	0.000	/	/	/	1.106	1.106	/	/
LTE B30	Left Touch	/	/	0.369	0.087	/	/	/	0.456
	Left Tilt	/	/	0.351	0.069	/	/	/	0.420
	Right Touch	/	/	1.017	0.099	/	/	/	1.116
	Right Tilt	/	/	0.621	0.051	/	/	/	0.672
LTE B66	Left Touch	/	0.673	/	0.087	/	/	0.760	/
	Left Tilt	/	0.704	/	0.069	/	/	0.773	/
	Right Touch	/	1.072	/	0.099	/	/	1.171	/
	Right Tilt	/	0.932	/	0.051	/	/	0.983	/
LTE B71	Left Touch	0.000	/	/	/	0.669	0.669	/	/
	Left Tilt	0.000	/	/	/	0.788	0.788	/	/
	Right Touch	0.035	/	/	/	1.004	1.039	/	/
	Right Tilt	0.000	/	/	/	1.106	1.106	/	/

LTE Band ULCA	Exposure position	Ant0	Ant5	LTE B4		Inter-band CA Summed SAR	
				Ant0	Ant1		
		1	2	3	4	2+3	1+4
LTE B5	Left Touch	0.088	/	/	0.673	/	0.761
	Left Tilt	0.075	/	/	0.704	/	0.779
	Right Touch	0.141	/	/	1.072	/	1.213
	Right Tilt	0.077	/	/	0.932	/	1.009
LTE B12	Left Touch	0.000	/	/	0.673	/	0.673
	Left Tilt	0.000	/	/	0.704	/	0.704
	Right Touch	0.054	/	/	1.072	/	1.126
	Right Tilt	0.000	/	/	0.932	/	0.932

LTE B13	Left Touch	0.000	/	/	0.673	/	0.673
	Left Tilt	0.000	/	/	0.704	/	0.704
	Right Touch	0.066	/	/	1.072	/	1.138
	Right Tilt	0.000	/	/	0.932	/	0.932
LTE B14	Left Touch	0.000	/	/	0.673	/	0.673
	Left Tilt	0.000	/	/	0.704	/	0.704
	Right Touch	0.060	/	/	1.072	/	1.132
	Right Tilt	0.000	/	/	0.932	/	0.932
LTE B30	Left Touch	/	0.369	0.091	/	0.460	/
	Left Tilt	/	0.351	0.068	/	0.419	/
	Right Touch	/	1.017	0.145	/	1.162	/
	Right Tilt	/	0.621	0.073	/	0.694	/
LTE B71	Left Touch	0.000	/	/	0.673	/	0.673
	Left Tilt	0.000	/	/	0.704	/	0.704
	Right Touch	0.035	/	/	1.072	/	1.107
	Right Tilt	0.000	/	/	0.932	/	0.932

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B5	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Left Touch	/	0.369	0.088	/	0.457
	Left Tilt	/	0.351	0.075	/	0.426
	Right Touch	/	1.017	0.141	/	1.158
	Right Tilt	/	0.621	0.077	/	0.698
LTE B66	Left Touch	0.673	/	0.088	0.761	/
	Left Tilt	0.704	/	0.075	0.779	/
	Right Touch	1.072	/	0.141	1.213	/
	Right Tilt	0.932	/	0.077	1.009	/

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B12	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Left Touch	/	0.369	0.000	/	0.369
	Left Tilt	/	0.351	0.000	/	0.351
	Right Touch	/	1.017	0.054	/	1.071
	Right Tilt	/	0.621	0.000	/	0.621
LTE B66	Left Touch	0.673	/	0.000	0.673	/
	Left Tilt	0.704	/	0.000	0.704	/
	Right Touch	1.072	/	0.054	1.126	/
	Right Tilt	0.932	/	0.000	0.932	/

LTE Band ULCA	Exposure position	Ant1	LTE B13	Inter-band CA Summed SAR
			Ant0	
		1	2	1+2
LTE B66	Left Touch	0.673	0.000	0.673
	Left Tilt	0.704	0.000	0.704
	Right Touch	1.072	0.066	1.138
	Right Tilt	0.932	0.000	0.932

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B14	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Left Touch	/	0.369	0.000	/	0.369
	Left Tilt	/	0.351	0.000	/	0.351
	Right Touch	/	1.017	0.060	/	1.077
	Right Tilt	/	0.621	0.000	/	0.621
LTE B66	Left Touch	0.673	/	0.000	0.673	/
	Left Tilt	0.704	/	0.000	0.704	/
	Right Touch	1.072	/	0.060	1.132	/
	Right Tilt	0.932	/	0.000	0.932	/

LTE Band ULCA	Exposure position	Ant1	LTE B30	Inter-band CA Summed SAR
			Ant4	
		1	2	1+2
LTE B66	Left Touch	0.673	0.068	0.741
	Left Tilt	0.704	0.070	0.774
	Right Touch	1.072	0.000	1.072
	Right Tilt	0.932	0.000	0.932

LTE Band ULCA	Exposure position	Ant0	LTE B66	Inter-band CA Summed SAR
			Ant1	
		1	2	1+2
LTE B71	Left Touch	0.000	0.673	0.673
	Left Tilt	0.000	0.704	0.704
	Right Touch	0.035	1.072	1.107
	Right Tilt	0.000	0.932	0.932

LTE Band (EN_DC)	Exposure position	Ant0	Ant1	Ant5	n2		EN_DC Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B5	Left Touch	0.088	/	/	/	0.682	0.770	/	/
	Left Tilt	0.075	/	/	/	0.883	0.958	/	/
	Right Touch	0.141	/	/	/	1.030	1.171	/	/
	Right Tilt	0.077	/	/	/	1.068	1.145	/	/
LTE B12	Left Touch	0.000	/	/	/	0.682	0.682	/	/
	Left Tilt	0.000	/	/	/	0.883	0.883	/	/
	Right Touch	0.054	/	/	/	1.030	1.084	/	/
	Right Tilt	0.000	/	/	/	1.068	1.068	/	/
LTE B13	Left Touch	0.000	/	/	/	0.682	0.682	/	/
	Left Tilt	0.000	/	/	/	0.883	0.883	/	/
	Right Touch	0.066	/	/	/	1.030	1.096	/	/
	Right Tilt	0.000	/	/	/	1.068	1.068	/	/
LTE B14	Left Touch	0.000	/	/	/	0.682	0.682	/	/
	Left Tilt	0.000	/	/	/	0.883	0.883	/	/
	Right Touch	0.060	/	/	/	1.030	1.090	/	/
	Right Tilt	0.000	/	/	/	1.068	1.068	/	/
LTE B30	Left Touch	/	/	0.369	0.094	/	/	/	0.463
	Left Touch	/	/	0.351	0.092	/	/	/	0.443
	Left Tilt	/	/	1.017	0.098	/	/	/	1.115

	Right Touch	/	/	0.621	0.050	/	/	/	0.671
LTE B66	Right Tilt	/	0.673	/	0.094	/	/	0.767	/
	Left Touch	/	0.704	/	0.092	/	/	0.796	/
	Left Tilt	/	1.072	/	0.098	/	/	1.170	/
	Right Touch	/	0.932	/	0.050	/	/	0.982	/

LTE Band (EN_DC)	Exposure position	Ant1	Ant5	n5	EN_DC Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B2	Left Touch	0.669	/	0.138	0.807	/
	Left Tilt	0.788	/	0.091	0.879	/
	Right Touch	1.004	/	0.146	1.150	/
	Right Tilt	1.106	/	0.090	1.196	/
LTE B30	Left Touch	/	0.369	0.138	/	0.507
	Left Tilt	/	0.351	0.091	/	0.442
	Right Touch	/	1.017	0.146	/	1.163
	Right Tilt	/	0.621	0.090	/	0.711
LTE B66	Left Touch	0.673	/	0.138	0.811	/
	Left Tilt	0.704	/	0.091	0.795	/
	Right Touch	1.072	/	0.146	1.218	/
	Right Tilt	0.932	/	0.090	1.022	/

LTE Band (EN_DC)	Exposure position	Ant1	n25	EN_DC Summed SAR
			Ant0	
		1	2	1+2
LTE B66	Left Touch	0.673	0.094	0.767
	Left Tilt	0.704	0.092	0.796
	Right Touch	1.072	0.098	1.170
	Right Tilt	0.932	0.050	0.982

LTE Band (EN_DC)	Exposure position	Ant1	n41	EN_DC Summed SAR
			Ant4	
		1	2	1+2
LTE B2	Left Touch	0.669	0.056	0.725
	Left Tilt	0.788	0.051	0.839
	Right Touch	1.004	0.000	1.004
	Right Tilt	1.106	0.000	1.106
LTE B66	Left Touch	0.673	0.056	0.729
	Left Tilt	0.704	0.051	0.755
	Right Touch	1.072	0.000	1.072
	Right Tilt	0.932	0.000	0.932

LTE Band (EN_DC)	Exposure position	Ant0	Ant1	Ant5	n66		EN_DC Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B2	Right Tilt	/	0.669	/	0.101	/	/	0.770	/
	Left Touch	/	0.788	/	0.084	/	/	0.872	/
	Left Tilt	/	1.004	/	0.185	/	/	1.189	/
	Right Touch	/	1.106	/	0.068	/	/	1.174	/
LTE B5	Left Touch	0.088	/	/	/	0.713	0.801	/	/

	Left Tilt	0.075	/	/	/	0.745	0.820	/	/
	Right Touch	0.141	/	/	/	1.044	1.185	/	/
	Right Tilt	0.077	/	/	/	0.995	1.072	/	/
LTE B12	Left Touch	0.000	/	/	/	0.713	0.713	/	/
	Left Tilt	0.000	/	/	/	0.745	0.745	/	/
	Right Touch	0.054	/	/	/	1.044	1.098	/	/
	Right Tilt	0.000	/	/	/	0.995	0.995	/	/
LTE B13	Left Touch	0.000	/	/	/	0.713	0.713	/	/
	Left Tilt	0.000	/	/	/	0.745	0.745	/	/
	Right Touch	0.066	/	/	/	1.044	1.110	/	/
	Right Tilt	0.000	/	/	/	0.995	0.995	/	/
LTE B14	Left Touch	0.000	/	/	/	0.713	0.713	/	/
	Left Tilt	0.000	/	/	/	0.745	0.745	/	/
	Right Touch	0.060	/	/	/	1.044	1.104	/	/
	Right Tilt	0.000	/	/	/	0.995	0.995	/	/
LTE B30	Left Touch	/	/	0.369	0.101	/	/	/	0.470
	Left Touch	/	/	0.351	0.084	/	/	/	0.435
	Left Tilt	/	/	1.017	0.185	/	/	/	1.202
	Right Touch	/	/	0.621	0.068	/	/	/	0.689

LTE Band (EN_DC)	Exposure position	Ant1	n71	EN_DC Summed SAR
			Ant0	
		1	2	
LTE B2	Left Touch	0.669	0.000	0.669
	Left Tilt	0.788	0.000	0.788
	Right Touch	1.004	0.039	1.043
	Right Tilt	1.106	0.000	1.106
LTE B66	Left Touch	0.673	0.000	0.673
	Left Tilt	0.704	0.000	0.704
	Right Touch	1.072	0.039	1.111
	Right Tilt	0.932	0.000	0.932

LTE Band (EN_DC)	Exposure position	Ant0	n77	EN_DC Summed SAR
			Ant6	
		1	2	
LTE B2	Left Touch	0.087	0.753	0.840
	Left Tilt	0.069	1.047	1.116
	Right Touch	0.099	0.941	1.040
	Right Tilt	0.051	1.007	1.058
LTE B5	Left Touch	0.088	0.753	0.841
	Left Tilt	0.075	1.047	1.122
	Right Touch	0.141	0.941	1.082
	Right Tilt	0.077	1.007	1.084
LTE B12	Left Touch	0.000	0.753	0.753
	Left Tilt	0.000	1.047	1.047
	Right Touch	0.054	0.941	0.995
	Right Tilt	0.000	1.007	1.007
LTE B13	Left Touch	0.000	0.753	0.753
	Left Tilt	0.000	1.047	1.047

	Right Touch	0.066	0.941	1.007
	Right Tilt	0.000	1.007	1.007
LTE B14	Left Touch	0.000	0.753	0.753
	Left Tilt	0.000	1.047	1.047
	Right Touch	0.060	0.941	1.001
	Right Tilt	0.000	1.007	1.007
LTE B66	Left Touch	0.091	0.753	0.844
	Left Tilt	0.068	1.047	1.115
	Right Touch	0.145	0.941	1.086
	Right Tilt	0.073	1.007	1.080

NR Band (MIMO)	Exposure position	Ant5 1	n41 Ant4 2	MIMO Summed SAR 1+2
n41	Left Touch	0.528	0.056	0.584
	Left Tilt	0.550	0.051	0.601
	Right Touch	1.099	0.000	1.099
	Right Tilt	0.819	0.000	0.819

NR Band (MIMO)	Exposure position	Ant6 1	n77(78) Ant7 2	MIMO Summed SAR 1+2
n77(78)	Left Touch	0.753	0.211	0.964
	Left Tilt	1.047	0.273	1.320
	Right Touch	0.941	0.380	1.321
	Right Tilt	1.007	0.237	1.244

Body-worn:

Test position		SARmax (W/kg)				Summed SAR 1+2+3+4
		WWAN	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
WCDMA Band II	Front side	0.777	0.085	0.130	0.000	0.992
	Back side	1.041	0.118	0.354	0.057	1.570
WCDMA Band IV	Front side	0.693	0.085	0.130	0.000	0.908
	Back side	1.024	0.118	0.354	0.057	1.553
WCDMA Band V	Front side	0.228	0.085	0.130	0.000	0.443
	Back side	0.338	0.118	0.354	0.057	0.867
LTE Band 7	Front side	0.334	0.085	0.130	0.000	0.549
	Back side	0.624	0.118	0.354	0.057	1.153
LTE Band 12(17)	Front side	0.054	0.085	0.130	0.000	0.269
	Back side	0.083	0.118	0.354	0.057	0.612
LTE Band 13	Front side	0.067	0.085	0.130	0.000	0.282
	Back side	0.108	0.118	0.354	0.057	0.637
LTE Band 14	Front side	0.058	0.085	0.130	0.000	0.273
	Back side	0.098	0.118	0.354	0.057	0.627
LTE Band 25(2)	Front side	0.896	0.085	0.130	0.000	1.111
	Back side	1.022	0.118	0.354	0.057	1.551
LTE Band 26(5)	Front side	0.189	0.085	0.130	0.000	0.404
	Back side	0.231	0.118	0.354	0.057	0.760
LTE Band 30	Front side	0.447	0.085	0.130	0.000	0.662
	Back side	0.992	0.118	0.354	0.057	1.521
LTE Band 41(38)	Front side	0.000	0.085	0.130	0.000	0.215
	Back side	0.034	0.118	0.354	0.057	0.563
LTE Band 48	Front side	0.969	0.085	0.130	0.000	1.184
	Back side	0.796	0.118	0.354	0.057	1.325
LTE Band 66	Front side	0.588	0.085	0.130	0.000	0.803
	Back side	1.032	0.118	0.354	0.057	1.561
LTE Band 71	Front side	0.000	0.085	0.130	0.000	0.215
	Back side	0.063	0.118	0.354	0.057	0.592
NR Band n5	Front side	0.264	0.085	0.130	0.000	0.479
	Back side	0.449	0.118	0.354	0.057	0.978
NR Band n7	Front side	0.427	0.085	0.130	0.000	0.642
	Back side	0.895	0.118	0.354	0.057	1.424
NR Band n14	Front side	0.069	0.085	0.130	0.000	0.284
	Back side	0.150	0.118	0.354	0.057	0.679
NR Band n25(2)	Front side	0.890	0.085	0.130	0.000	1.105
	Back side	1.031	0.118	0.354	0.057	1.560
NR Band n30	Front side	0.496	0.085	0.130	0.000	0.711
	Back side	1.059	0.118	0.354	0.057	1.588
NR Band n41(38)	Front side	0.779	0.085	0.130	0.000	0.994
	Back side	1.053	0.118	0.354	0.057	1.582
NR Band n48	Front side	0.953	0.085	0.130	0.000	1.168
	Back side	0.926	0.118	0.354	0.057	1.455
NR Band n66	Front side	0.689	0.085	0.130	0.000	0.904
	Back side	1.056	0.118	0.354	0.057	1.585
NR Band n71	Front side	0.000	0.085	0.130	0.000	0.215
	Back side	0.099	0.118	0.354	0.057	0.628
NR Band n77	Front side	1.109	0.085	0.130	0.000	1.324

	Back side	1.007	0.118	0.354	0.057	1.536
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Test position		SARmax (W/kg)				Summed SAR 1+2+3+4
		Inter-band UL CA	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
CA_2A-4A	Front side	0.689	0.085	0.130	0.000	0.904
	Back side	1.054	0.118	0.354	0.057	1.583
CA_2A-5A	Front side	0.638	0.085	0.130	0.000	0.853
	Back side	0.743	0.118	0.354	0.057	1.272
CA_2A-12A	Front side	0.503	0.085	0.130	0.000	0.718
	Back side	0.595	0.118	0.354	0.057	1.124
CA_2A-13A	Front side	0.516	0.085	0.130	0.000	0.731
	Back side	0.620	0.118	0.354	0.057	1.149
CA_2A-14A	Front side	0.507	0.085	0.130	0.000	0.722
	Back side	0.610	0.118	0.354	0.057	1.139
CA_2A-30A	Front side	0.601	0.085	0.130	0.000	0.816
	Back side	1.054	0.118	0.354	0.057	1.583
CA_2A-66A	Front side	0.689	0.085	0.130	0.000	0.904
	Back side	1.054	0.118	0.354	0.057	1.583
CA_2A-71A	Front side	0.449	0.085	0.130	0.000	0.664
	Back side	0.575	0.118	0.354	0.057	1.104
CA_4A-5A	Front side	0.517	0.085	0.130	0.000	0.732
	Back side	0.734	0.118	0.354	0.057	1.263
CA_4A-12A	Front side	0.382	0.085	0.130	0.000	0.597
	Back side	0.586	0.118	0.354	0.057	1.115
CA_4A-13A	Front side	0.395	0.085	0.130	0.000	0.610
	Back side	0.611	0.118	0.354	0.057	1.140
CA_4A-14A	Front side	0.386	0.085	0.130	0.000	0.601
	Back side	0.601	0.118	0.354	0.057	1.130
CA_4A-30A	Front side	0.573	0.085	0.130	0.000	0.788
	Back side	1.057	0.118	0.354	0.057	1.586
CA_4A-71A	Front side	0.328	0.085	0.130	0.000	0.543
	Back side	0.566	0.118	0.354	0.057	1.095
CA_5A-30A	Front side	0.429	0.085	0.130	0.000	0.644
	Back side	0.734	0.118	0.354	0.057	1.263
CA_5A-66A	Front side	0.517	0.085	0.130	0.000	0.732
	Back side	0.734	0.118	0.354	0.057	1.263
CA_12A-30A	Front side	0.294	0.085	0.130	0.000	0.509
	Back side	0.586	0.118	0.354	0.057	1.115
CA_12A-66A	Front side	0.382	0.085	0.130	0.000	0.597
	Back side	0.586	0.118	0.354	0.057	1.115
CA_13A-66A	Front side	0.395	0.085	0.130	0.000	0.610
	Back side	0.611	0.118	0.354	0.057	1.140
CA_14A-30A	Front side	0.298	0.085	0.130	0.000	0.513
	Back side	0.601	0.118	0.354	0.057	1.130
CA_14A-66A	Front side	0.386	0.085	0.130	0.000	0.601
	Back side	0.601	0.118	0.354	0.057	1.130
CA_30A-66A	Front side	0.415	0.085	0.130	0.000	0.630
	Back side	0.629	0.118	0.354	0.057	1.158
CA_66A-71A	Front side	0.328	0.085	0.130	0.000	0.543
	Back side	0.566	0.118	0.354	0.057	1.095

Test position		SARmax (W/kg)				Summed SAR 1+2+3+4
		EN-DC Max SAR	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
DC_5A_n2A	Front side	0.587	0.085	0.130	0.000	0.802
	Back side	0.748	0.118	0.354	0.057	1.277
DC_12A_n2A	Front side	0.452	0.085	0.130	0.000	0.667
	Back side	0.600	0.118	0.354	0.057	1.129
DC_13A_n2A	Front side	0.465	0.085	0.130	0.000	0.680
	Back side	0.625	0.118	0.354	0.057	1.154
DC_14A_n2A	Front side	0.456	0.085	0.130	0.000	0.671
	Back side	0.615	0.118	0.354	0.057	1.144
DC_30A_n2A	Front side	0.624	0.085	0.130	0.000	0.839
	Back side	0.993	0.118	0.354	0.057	1.522
DC_66A_n2A	Front side	0.712	0.085	0.130	0.000	0.927
	Back side	0.993	0.118	0.354	0.057	1.522
DC_2A_n5A	Front side	0.713	0.085	0.130	0.000	0.928
	Back side	0.961	0.118	0.354	0.057	1.490
DC_30A_n5A	Front side	0.504	0.085	0.130	0.000	0.719
	Back side	0.952	0.118	0.354	0.057	1.481
DC_66A_n5A	Front side	0.592	0.085	0.130	0.000	0.807
	Back side	0.952	0.118	0.354	0.057	1.481
DC_66A_n25A	Front side	0.712	0.085	0.130	0.000	0.927
	Back side	0.993	0.118	0.354	0.057	1.522
DC_2A_n41A	Front side	0.548	0.085	0.130	0.000	0.763
	Back side	0.635	0.118	0.354	0.057	1.164
DC_66A_n41A	Front side	0.427	0.085	0.130	0.000	0.642
	Back side	0.626	0.118	0.354	0.057	1.155
DC_2A_n66A	Front side	0.795	0.085	0.130	0.000	1.010
	Back side	1.041	0.118	0.354	0.057	1.570
DC_5A_n66A	Front side	0.458	0.085	0.130	0.000	0.673
	Back side	0.718	0.118	0.354	0.057	1.247
DC_12A_n66A	Front side	0.323	0.085	0.130	0.000	0.538
	Back side	0.570	0.118	0.354	0.057	1.099
DC_13A_n66A	Front side	0.336	0.085	0.130	0.000	0.551
	Back side	0.595	0.118	0.354	0.057	1.124
DC_14A_n66A	Front side	0.327	0.085	0.130	0.000	0.542
	Back side	0.585	0.118	0.354	0.057	1.114
DC_30A_n66A	Front side	0.586	0.085	0.130	0.000	0.801
	Back side	1.032	0.118	0.354	0.057	1.561
DC_2A_n71A	Front side	0.449	0.085	0.130	0.000	0.664
	Back side	0.611	0.118	0.354	0.057	1.140
DC_66A_n71A	Front side	0.328	0.085	0.130	0.000	0.543
	Back side	0.602	0.118	0.354	0.057	1.131
DC_2A_n77A	Front side	0.917	0.085	0.130	0.000	1.132
	Back side	0.802	0.118	0.354	0.057	1.331
DC_5A_n77A	Front side	0.745	0.085	0.130	0.000	0.960
	Back side	0.482	0.118	0.354	0.057	1.011
DC_12A_n77A	Front side	0.610	0.085	0.130	0.000	0.825
	Back side	0.334	0.118	0.354	0.057	0.863
DC_13A_n77A	Front side	0.623	0.085	0.130	0.000	0.838

	Back side	0.359	0.118	0.354	0.057	0.888
DC_14A_n77A	Front side	0.614	0.085	0.130	0.000	0.829
	Back side	0.349	0.118	0.354	0.057	0.878
DC_66A_n77A	Front side	0.889	0.085	0.130	0.000	1.104
	Back side	0.805	0.118	0.354	0.057	1.334

LTE Band ULCA	Exposure position	Ant0	Ant1	Ant5	LTE B2		Inter-band CA Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B4	Front side	/	0.328	/	0.361	/	/	0.689	/
	Back side	/	0.503	/	0.551	/	/	1.054	/
LTE B5	Front side	0.189	/	/	/	0.449	0.638	/	/
	Back side	0.231	/	/	/	0.512	0.743	/	/
LTE B12	Front side	0.054	/	/	/	0.449	0.503	/	/
	Back side	0.083	/	/	/	0.512	0.595	/	/
LTE B13	Front side	0.067	/	/	/	0.449	0.516	/	/
	Back side	0.108	/	/	/	0.512	0.620	/	/
LTE B14	Front side	0.058	/	/	/	0.449	0.507	/	/
	Back side	0.098	/	/	/	0.512	0.610	/	/
LTE B30	Front side	/	/	0.240	0.361	/	/	/	0.601
	Back side	/	/	0.503	0.551	/	/	/	1.054
LTE B66	Front side	/	0.328	/	0.361	/	/	0.689	/
	Back side	/	0.503	/	0.551	/	/	1.054	/
LTE B71	Front side	0.000	/	/	/	0.449	0.449	/	/
	Back side	0.063	/	/	/	0.512	0.575	/	/

LTE Band ULCA	Exposure position	Ant0	Ant5	LTE B4		Inter-band CA Summed SAR	
				Ant0	Ant1		
		1	2	3	4	2+3	1+4
LTE B5	Front side	0.189	/	/	0.328	/	0.517
	Back side	0.231	/	/	0.503	/	0.734
LTE B12	Front side	0.054	/	/	0.328	/	0.382
	Back side	0.083	/	/	0.503	/	0.586
LTE B13	Front side	0.067	/	/	0.328	/	0.395
	Back side	0.108	/	/	0.503	/	0.611
LTE B14	Front side	0.058	/	/	0.328	/	0.386
	Back side	0.098	/	/	0.503	/	0.601
LTE B30	Front side	/	0.240	0.333	/	0.573	/
	Back side	/	0.503	0.554	/	1.057	/
LTE B71	Front side	0.000	/	/	0.328	/	0.328
	Back side	0.063	/	/	0.503	/	0.566

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B5	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Front side	/	0.240	0.189	/	0.429
	Back side	/	0.503	0.231	/	0.734
LTE B66	Front side	0.328	/	0.189	0.517	/
	Back side	0.503	/	0.231	0.734	/

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B12	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Front side	/	0.240	0.054	/	0.294
	Back side	/	0.503	0.083	/	0.586
LTE B66	Front side	0.328	/	0.054	0.382	/
	Back side	0.503	/	0.083	0.586	/

LTE Band ULCA	Exposure position	Ant1	LTE B13	Inter-band CA Summed SAR
			Ant0	
		1	2	1+2
LTE B66	Front side	0.328	0.067	0.395
	Back side	0.503	0.108	0.611

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B14	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Front side	/	0.240	0.058	/	0.298
	Back side	/	0.503	0.098	/	0.601
LTE B66	Front side	0.328	/	0.058	0.386	/
	Back side	0.503	/	0.098	0.601	/

LTE Band ULCA	Exposure position	Ant1	LTE B30	Inter-band CA Summed SAR
			Ant4	
		1	2	1+2
LTE B66	Front side	0.328	0.087	0.415
	Back side	0.503	0.126	0.629

LTE Band ULCA	Exposure position	Ant0	LTE B66	Inter-band CA Summed SAR
			Ant1	
		1	2	1+2
LTE B71	Front side	0.000	0.328	0.328
	Back side	0.063	0.503	0.566

LTE Band (EN_DC)	Exposure position	Ant0	Ant1	Ant5	n2		EN_DC Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B5	Front side	0.189	/	/	/	0.398	0.587	/	/
	Back side	0.231	/	/	/	0.517	0.748	/	/
LTE B12	Front side	0.054	/	/	/	0.398	0.452	/	/
	Back side	0.083	/	/	/	0.517	0.600	/	/
LTE B13	Front side	0.067	/	/	/	0.398	0.465	/	/
	Back side	0.108	/	/	/	0.517	0.625	/	/
LTE B14	Front side	0.058	/	/	/	0.398	0.456	/	/
	Back side	0.098	/	/	/	0.517	0.615	/	/
LTE B30	Front side	/	/	0.240	0.384	/	/	/	0.624
	Back side	/	/	0.503	0.490	/	/	/	0.993
LTE B66	Front side	/	0.328	/	0.384	/	/	0.712	/
	Back side	/	0.503	/	0.490	/	/	0.993	/

LTE Band (EN_DC)	Exposure position	Ant1	Ant5	n5	EN_DC Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B2	Front side	0.449	/	0.264	0.713	/
	Back side	0.512	/	0.449	0.961	/
LTE B30	Front side	/	0.240	0.264	/	0.504
	Back side	/	0.503	0.449	/	0.952
LTE B66	Front side	0.328	/	0.264	0.592	/
	Back side	0.503	/	0.449	0.952	/

LTE Band (EN_DC)	Exposure position	Ant1	n25	EN_DC Summed SAR
			Ant0	
		1	2	1+2
LTE B66	Front side	0.328	0.384	0.712
	Back side	0.503	0.490	0.993

LTE Band (EN_DC)	Exposure position	Ant1	n41	EN_DC Summed SAR
			Ant4	
		1	2	1+2
LTE B2	Front side	0.449	0.099	0.548
	Back side	0.512	0.123	0.635
LTE B66	Front side	0.328	0.099	0.427
	Back side	0.503	0.123	0.626

LTE Band (EN_DC)	Exposure position	Ant0	Ant1	Ant5	n66		EN_DC Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B2	Front side	/	0.449	/	0.346	/	/	0.795	/
	Back side	/	0.512	/	0.529	/	/	1.041	/
LTE B5	Front side	0.189	/	/	/	0.269	0.458	/	/
	Back side	0.231	/	/	/	0.487	0.718	/	/
LTE B12	Front side	0.054	/	/	/	0.269	0.323	/	/
	Back side	0.083	/	/	/	0.487	0.570	/	/
LTE B13	Front side	0.067	/	/	/	0.269	0.336	/	/
	Back side	0.108	/	/	/	0.487	0.595	/	/
LTE B14	Front side	0.058	/	/	/	0.269	0.327	/	/
	Back side	0.098	/	/	/	0.487	0.585	/	/
LTE B30	Front side	/	/	0.240	0.346	/	/	/	0.586
	Back side	/	/	0.503	0.529	/	/	/	1.032

LTE Band (EN_DC)	Exposure position	Ant1	n71	EN_DC Summed SAR
			Ant0	
		1	2	1+2
LTE B2	Front side	0.449	0.000	0.449
	Back side	0.512	0.099	0.611
LTE B66	Front side	0.328	0.000	0.328
	Back side	0.503	0.099	0.602

LTE Band (EN_DC)	Exposure position	Ant0	n77	EN_DC Summed SAR
			Ant6	
		1	2	1+2
LTE B2	Front side	0.361	0.556	0.917
	Back side	0.551	0.251	0.802
LTE B5	Front side	0.189	0.556	0.745
	Back side	0.231	0.251	0.482
LTE B12	Front side	0.054	0.556	0.610
	Back side	0.083	0.251	0.334
LTE B13	Front side	0.067	0.556	0.623
	Back side	0.108	0.251	0.359
LTE B14	Front side	0.058	0.556	0.614
	Back side	0.098	0.251	0.349
LTE B66	Front side	0.333	0.556	0.889
	Back side	0.554	0.251	0.805

NR Band (MIMO)	Exposure position	Ant5	n41	MIMO Summed SAR
			Ant4	
		1	2	1+2
n41	Front side	0.779	0.099	0.878
	Back side	1.053	0.123	1.176

NR Band (MIMO)	Exposure position	Ant6	n77(78)	MIMO Summed SAR
			Ant7	
		1	2	1+2
n77(78)	Front side	0.556	0.679	1.235
	Back side	0.251	1.007	1.258

Hotspot:

Test position		SARmax (W/kg)				Summed SAR 1+2+3+4
		WWAN	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
WCDMA Band II	Front side	0.447	0.085	0.129	0.000	0.661
	Back side	0.588	0.118	0.355	0.057	1.118
	Left side	0.083	0.000	0.000	0.000	0.083
	Right side	0.189	0.069	0.461	0.000	0.719
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	1.128	0.000	0.000	0.000	1.128
WCDMA Band IV	Front side	0.479	0.085	0.129	0.000	0.693
	Back side	0.709	0.118	0.355	0.057	1.239
	Left side	0.061	0.000	0.000	0.000	0.061
	Right side	0.193	0.069	0.461	0.000	0.723
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	1.018	0.000	0.000	0.000	1.018
WCDMA Band V	Front side	0.228	0.085	0.129	0.000	0.442
	Back side	0.338	0.118	0.355	0.057	0.868
	Left side	0.097	0.000	0.000	0.000	0.097
	Right side	0.141	0.069	0.461	0.000	0.671
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.198	0.000	0.000	0.000	0.198
LTE Band 7	Front side	0.334	0.085	0.129	0.000	0.548
	Back side	0.624	0.118	0.355	0.057	1.154
	Left side	0.284	0.000	0.000	0.000	0.284
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.494	0.080	0.181	0.000	0.755
	Bottom side	0.045	0.000	0.000	0.000	0.045
LTE Band 12(17)	Front side	0.054	0.085	0.129	0.000	0.268
	Back side	0.083	0.118	0.355	0.057	0.613
	Left side	0.056	0.000	0.000	0.000	0.056
	Right side	0.077	0.069	0.461	0.000	0.607
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.060	0.000	0.000	0.000	0.060
LTE Band 13	Front side	0.067	0.085	0.129	0.000	0.281
	Back side	0.108	0.118	0.355	0.057	0.638
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.068	0.069	0.461	0.000	0.598
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.073	0.000	0.000	0.000	0.073
LTE Band 14	Front side	0.058	0.085	0.129	0.000	0.272
	Back side	0.098	0.118	0.355	0.057	0.628
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.060	0.069	0.461	0.000	0.590
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.069	0.000	0.000	0.000	0.069
LTE Band 25(2)	Front side	0.896	0.085	0.129	0.000	1.110
	Back side	1.022	0.118	0.355	0.057	1.552
	Left side	0.235	0.000	0.000	0.000	0.235
	Right side	0.208	0.069	0.461	0.000	0.738
	Top side	1.125	0.080	0.181	0.000	1.386

	Bottom side	1.030	0.000	0.000	0.000	1.030
LTE Band 26(5)	Front side	0.189	0.085	0.129	0.000	0.403
	Back side	0.231	0.118	0.355	0.057	0.761
	Left side	0.076	0.000	0.000	0.000	0.076
	Right side	0.122	0.069	0.461	0.000	0.652
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.148	0.000	0.000	0.000	0.148
LTE Band 30	Front side	0.447	0.085	0.129	0.000	0.661
	Back side	0.992	0.118	0.355	0.057	1.522
	Left side	0.236	0.000	0.000	0.000	0.236
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.348	0.080	0.181	0.000	0.609
	Bottom side	0.054	0.000	0.000	0.000	0.054
LTE Band 41(38)	Front side	0.000	0.085	0.129	0.000	0.214
	Back side	0.034	0.118	0.355	0.057	0.564
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.000	0.000	0.000	0.000	0.000
LTE Band 48	Front side	0.969	0.085	0.129	0.000	1.183
	Back side	0.796	0.118	0.355	0.057	1.326
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.627	0.069	0.461	0.000	1.157
	Top side	0.668	0.080	0.181	0.000	0.929
	Bottom side	0.311	0.000	0.000	0.000	0.311
LTE Band 66	Front side	0.472	0.085	0.129	0.000	0.686
	Back side	0.633	0.118	0.355	0.057	1.163
	Left side	0.113	0.000	0.000	0.000	0.113
	Right side	0.212	0.069	0.461	0.000	0.742
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	1.020	0.000	0.000	0.000	1.020
LTE Band 71	Front side	0.000	0.085	0.129	0.000	0.214
	Back side	0.063	0.118	0.355	0.057	0.593
	Left side	0.048	0.000	0.000	0.000	0.048
	Right side	0.061	0.069	0.461	0.000	0.591
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.000	0.000	0.000	0.000	0.000
NR Band n5	Front side	0.264	0.085	0.129	0.000	0.478
	Back side	0.449	0.118	0.355	0.057	0.979
	Left side	0.120	0.000	0.000	0.000	0.120
	Right side	0.163	0.069	0.461	0.000	0.693
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.218	0.000	0.000	0.000	0.218
NR Band n7	Front side	0.427	0.085	0.129	0.000	0.641
	Back side	0.895	0.118	0.355	0.057	1.425
	Left side	0.196	0.000	0.000	0.000	0.196
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.359	0.080	0.181	0.000	0.620
	Bottom side	0.071	0.000	0.000	0.000	0.071
NR Band n14	Front side	0.069	0.085	0.129	0.000	0.283
	Back side	0.150	0.118	0.355	0.057	0.680

	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.074	0.069	0.461	0.000	0.604
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.096	0.000	0.000	0.000	0.096
NR Band n25(2)	Front side	0.890	0.085	0.129	0.000	1.104
	Back side	1.031	0.118	0.355	0.057	1.561
	Left side	0.301	0.000	0.000	0.000	0.301
	Right side	0.093	0.069	0.461	0.000	0.623
	Top side	1.159	0.080	0.181	0.000	1.420
	Bottom side	1.173	0.000	0.000	0.000	1.173
NR Band n30	Front side	0.496	0.085	0.129	0.000	0.710
	Back side	1.059	0.118	0.355	0.057	1.589
	Left side	0.308	0.000	0.000	0.000	0.308
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.466	0.080	0.181	0.000	0.727
	Bottom side	0.109	0.000	0.000	0.000	0.109
NR Band n41(38)	Front side	0.779	0.085	0.129	0.000	0.993
	Back side	1.053	0.118	0.355	0.057	1.583
	Left side	0.349	0.000	0.000	0.000	0.349
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.771	0.080	0.181	0.000	1.032
	Bottom side	0.065	0.000	0.000	0.000	0.065
NR Band n48	Front side	0.953	0.085	0.129	0.000	1.167
	Back side	0.926	0.118	0.355	0.057	1.456
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.654	0.069	0.461	0.000	1.184
	Top side	0.653	0.080	0.181	0.000	0.914
	Bottom side	0.321	0.000	0.000	0.000	0.321
NR Band n66	Front side	0.689	0.085	0.129	0.000	0.903
	Back side	1.056	0.118	0.355	0.057	1.586
	Left side	0.094	0.000	0.000	0.000	0.094
	Right side	0.152	0.069	0.461	0.000	0.682
	Top side	0.208	0.080	0.181	0.000	0.469
	Bottom side	1.181	0.000	0.000	0.000	1.181
NR Band n71	Front side	0.000	0.085	0.129	0.000	0.214
	Back side	0.099	0.118	0.355	0.057	0.629
	Left side	0.051	0.000	0.000	0.000	0.051
	Right side	0.073	0.069	0.461	0.000	0.603
	Top side	0.000	0.080	0.181	0.000	0.261
	Bottom side	0.059	0.000	0.000	0.000	0.059
NR Band n77	Front side	1.109	0.085	0.129	0.000	1.323
	Back side	1.007	0.118	0.355	0.057	1.537
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.882	0.069	0.461	0.000	1.412
	Top side	0.989	0.080	0.181	0.000	1.250
	Bottom side	0.498	0.000	0.000	0.000	0.498

Test position		SARmax (W/kg)				Summed SAR
		Inter-band UL CA	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
CA_2A-4A	Front side	0.529	0.085	0.129	0.000	0.743
	Back side	0.811	0.118	0.355	0.057	1.341
	Left side	0.150	0.000	0.000	0.000	0.150
	Right side	0.104	0.069	0.461	0.000	0.634
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.516	0.000	0.000	0.000	0.516
CA_2A-5A	Front side	0.559	0.085	0.129	0.000	0.773
	Back side	0.661	0.118	0.355	0.057	1.191
	Left side	0.194	0.000	0.000	0.000	0.194
	Right side	0.122	0.069	0.461	0.000	0.652
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.148	0.000	0.000	0.000	0.148
CA_2A-12A	Front side	0.424	0.085	0.129	0.000	0.638
	Back side	0.513	0.118	0.355	0.057	1.043
	Left side	0.174	0.000	0.000	0.000	0.174
	Right side	0.077	0.069	0.461	0.000	0.607
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.060	0.000	0.000	0.000	0.060
CA_2A-13A	Front side	0.437	0.085	0.129	0.000	0.651
	Back side	0.538	0.118	0.355	0.057	1.068
	Left side	0.118	0.000	0.000	0.000	0.118
	Right side	0.068	0.069	0.461	0.000	0.598
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.073	0.000	0.000	0.000	0.073
CA_2A-14A	Front side	0.428	0.085	0.129	0.000	0.642
	Back side	0.528	0.118	0.355	0.057	1.058
	Left side	0.118	0.000	0.000	0.000	0.118
	Right side	0.060	0.069	0.461	0.000	0.590
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.069	0.000	0.000	0.000	0.069
CA_2A-30A	Front side	0.441	0.085	0.129	0.000	0.655
	Back side	0.811	0.118	0.355	0.057	1.341
	Left side	0.161	0.000	0.000	0.000	0.161
	Right side	0.104	0.069	0.461	0.000	0.634
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.516	0.000	0.000	0.000	0.516
CA_2A-66A	Front side	0.529	0.085	0.129	0.000	0.743
	Back side	0.811	0.118	0.355	0.057	1.341
	Left side	0.150	0.000	0.000	0.000	0.150
	Right side	0.104	0.069	0.461	0.000	0.634
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.516	0.000	0.000	0.000	0.516
CA_2A-71A	Front side	0.370	0.085	0.129	0.000	0.584
	Back side	0.493	0.118	0.355	0.057	1.023
	Left side	0.166	0.000	0.000	0.000	0.166
	Right side	0.061	0.069	0.461	0.000	0.591
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.000	0.000	0.000	0.000	0.000

CA_4A-5A	Front side	0.517	0.085	0.129	0.000	0.731
	Back side	0.734	0.118	0.355	0.057	1.264
	Left side	0.189	0.000	0.000	0.000	0.189
	Right side	0.122	0.069	0.461	0.000	0.652
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.148	0.000	0.000	0.000	0.148
CA_4A-12A	Front side	0.382	0.085	0.129	0.000	0.596
	Back side	0.586	0.118	0.355	0.057	1.116
	Left side	0.169	0.000	0.000	0.000	0.169
	Right side	0.077	0.069	0.461	0.000	0.607
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.060	0.000	0.000	0.000	0.060
CA_4A-13A	Front side	0.395	0.085	0.129	0.000	0.609
	Back side	0.611	0.118	0.355	0.057	1.141
	Left side	0.113	0.000	0.000	0.000	0.113
	Right side	0.068	0.069	0.461	0.000	0.598
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.073	0.000	0.000	0.000	0.073
CA_4A-14A	Front side	0.386	0.085	0.129	0.000	0.600
	Back side	0.601	0.118	0.355	0.057	1.131
	Left side	0.113	0.000	0.000	0.000	0.113
	Right side	0.060	0.069	0.461	0.000	0.590
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.069	0.000	0.000	0.000	0.069
CA_4A-30A	Front side	0.476	0.085	0.129	0.000	0.690
	Back side	0.820	0.118	0.355	0.057	1.350
	Left side	0.172	0.000	0.000	0.000	0.172
	Right side	0.106	0.069	0.461	0.000	0.636
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.511	0.000	0.000	0.000	0.511
CA_4A-71A	Front side	0.328	0.085	0.129	0.000	0.542
	Back side	0.566	0.118	0.355	0.057	1.096
	Left side	0.161	0.000	0.000	0.000	0.161
	Right side	0.061	0.069	0.461	0.000	0.591
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.000	0.000	0.000	0.000	0.000
CA_5A-30A	Front side	0.429	0.085	0.129	0.000	0.643
	Back side	0.734	0.000	0.000	0.000	0.734
	Left side	0.200	0.085	0.129	0.000	0.414
	Right side	0.122	0.069	0.461	0.000	0.652
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.148	0.000	0.000	0.000	0.148
CA_5A-66A	Front side	0.517	0.085	0.129	0.000	0.731
	Back side	0.734	0.118	0.355	0.057	1.264
	Left side	0.189	0.000	0.000	0.000	0.189
	Right side	0.122	0.069	0.461	0.000	0.652
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.148	0.000	0.000	0.000	0.148
CA_12A-30A	Front side	0.294	0.085	0.129	0.000	0.508
	Back side	0.586	0.118	0.355	0.057	1.116
	Left side	0.180	0.000	0.000	0.000	0.180

	Right side	0.077	0.069	0.461	0.000	0.607
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.060	0.000	0.000	0.000	0.060
CA_12A-66A	Front side	0.382	0.085	0.129	0.000	0.596
	Back side	0.586	0.118	0.355	0.057	1.116
	Left side	0.169	0.000	0.000	0.000	0.169
	Right side	0.077	0.069	0.461	0.000	0.607
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.060	0.000	0.000	0.000	0.060
CA_13A-66A	Front side	0.395	0.085	0.129	0.000	0.609
	Back side	0.611	0.118	0.355	0.057	1.141
	Left side	0.113	0.000	0.000	0.000	0.113
	Right side	0.068	0.069	0.461	0.000	0.598
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.073	0.000	0.000	0.000	0.073
CA_14A-30A	Front side	0.298	0.085	0.129	0.000	0.512
	Back side	0.601	0.118	0.355	0.057	1.131
	Left side	0.124	0.000	0.000	0.000	0.124
	Right side	0.060	0.069	0.461	0.000	0.590
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.069	0.000	0.000	0.000	0.069
CA_14A-66A	Front side	0.386	0.085	0.129	0.000	0.600
	Back side	0.601	0.000	0.000	0.000	0.601
	Left side	0.113	0.085	0.129	0.000	0.327
	Right side	0.060	0.069	0.461	0.000	0.590
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.069	0.000	0.000	0.000	0.069
CA_30A-66A	Front side	0.415	0.085	0.129	0.000	0.629
	Back side	0.629	0.118	0.355	0.057	1.159
	Left side	0.208	0.000	0.000	0.000	0.208
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.054	0.000	0.000	0.000	0.054
CA_66A-71A	Front side	0.328	0.085	0.129	0.000	0.542
	Back side	0.566	0.118	0.355	0.057	1.096
	Left side	0.161	0.000	0.000	0.000	0.161
	Right side	0.061	0.069	0.461	0.000	0.591
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.000	0.000	0.000	0.000	0.000

Test position		SARmax (W/kg)				Summed SAR 1+2+3+4
		EN-DC Max SAR	WiFi 2.4G	WiFi 5G	BT	
		1	2	3	4	
DC_5A_n2A	Front side	0.555	0.085	0.129	0.000	0.769
	Back side	0.668	0.118	0.355	0.057	1.198
	Left side	0.227	0.000	0.000	0.000	0.227
	Right side	0.122	0.069	0.461	0.000	0.652
	Top side	0.581	0.080	0.181	0.000	0.842
	Bottom side	0.148	0.000	0.000	0.000	0.148
DC_12A_n2A	Front side	0.420	0.085	0.129	0.000	0.634
	Back side	0.520	0.118	0.355	0.057	1.050

	Left side	0.207	0.000	0.000	0.000	0.207
	Right side	0.077	0.069	0.461	0.000	0.607
	Top side	0.581	0.080	0.181	0.000	0.842
	Bottom side	0.060	0.000	0.000	0.000	0.060
DC_13A_n2A	Front side	0.433	0.085	0.129	0.000	0.647
	Back side	0.545	0.118	0.355	0.057	1.075
	Left side	0.151	0.000	0.000	0.000	0.151
	Right side	0.068	0.069	0.461	0.000	0.598
	Top side	0.581	0.080	0.181	0.000	0.842
	Bottom side	0.073	0.000	0.000	0.000	0.073
DC_14A_n2A	Front side	0.424	0.085	0.129	0.000	0.638
	Back side	0.535	0.118	0.355	0.057	1.065
	Left side	0.151	0.000	0.000	0.000	0.151
	Right side	0.060	0.069	0.461	0.000	0.590
	Top side	0.581	0.080	0.181	0.000	0.842
	Bottom side	0.069	0.000	0.000	0.000	0.069
DC_30A_n2A	Front side	0.568	0.085	0.129	0.000	0.782
	Back side	0.894	0.118	0.355	0.057	1.424
	Left side	0.183	0.000	0.000	0.000	0.183
	Right side	0.047	0.069	0.461	0.000	0.577
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.588	0.000	0.000	0.000	0.588
DC_66A_n2A	Front side	0.656	0.085	0.129	0.000	0.870
	Back side	0.894	0.118	0.355	0.057	1.424
	Left side	0.172	0.000	0.000	0.000	0.172
	Right side	0.047	0.069	0.461	0.000	0.577
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.588	0.000	0.000	0.000	0.588
DC_2A_n5A	Front side	0.634	0.085	0.129	0.000	0.848
	Back side	0.879	0.118	0.355	0.057	1.409
	Left side	0.238	0.000	0.000	0.000	0.238
	Right side	0.163	0.069	0.461	0.000	0.693
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.218	0.000	0.000	0.000	0.218
DC_30A_n5A	Front side	0.504	0.085	0.129	0.000	0.718
	Back side	0.952	0.118	0.355	0.057	1.482
	Left side	0.244	0.000	0.000	0.000	0.244
	Right side	0.163	0.069	0.461	0.000	0.693
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.218	0.000	0.000	0.000	0.218
DC_66A_n5A	Front side	0.592	0.085	0.129	0.000	0.806
	Back side	0.952	0.118	0.355	0.057	1.482
	Left side	0.233	0.000	0.000	0.000	0.233
	Right side	0.163	0.069	0.461	0.000	0.693
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.218	0.000	0.000	0.000	0.218
DC_66A_n25A	Front side	0.656	0.085	0.129	0.000	0.870
	Back side	0.894	0.118	0.355	0.057	1.424
	Left side	0.172	0.000	0.000	0.000	0.172
	Right side	0.047	0.069	0.461	0.000	0.577
	Top side	0.246	0.080	0.181	0.000	0.507

	Bottom side	0.588	0.000	0.000	0.000	0.588
DC_2A_n41A	Front side	0.469	0.085	0.129	0.000	0.683
	Back side	0.553	0.118	0.355	0.057	1.083
	Left side	0.227	0.000	0.000	0.000	0.227
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.065	0.000	0.000	0.000	0.065
DC_66A_n41A	Front side	0.427	0.085	0.129	0.000	0.641
	Back side	0.626	0.118	0.355	0.057	1.156
	Left side	0.222	0.000	0.000	0.000	0.222
	Right side	0.000	0.069	0.461	0.000	0.530
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.065	0.000	0.000	0.000	0.065
DC_2A_n66A	Front side	0.598	0.085	0.129	0.000	0.812
	Back side	0.780	0.118	0.355	0.057	1.310
	Left side	0.156	0.000	0.000	0.000	0.156
	Right side	0.076	0.069	0.461	0.000	0.606
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.592	0.000	0.000	0.000	0.592
DC_5A_n66A	Front side	0.458	0.085	0.129	0.000	0.672
	Back side	0.718	0.118	0.355	0.057	1.248
	Left side	0.170	0.000	0.000	0.000	0.170
	Right side	0.122	0.069	0.461	0.000	0.652
	Top side	0.208	0.080	0.181	0.000	0.469
	Bottom side	0.148	0.000	0.000	0.000	0.148
DC_12A_n66A	Front side	0.323	0.085	0.129	0.000	0.537
	Back side	0.570	0.118	0.355	0.057	1.100
	Left side	0.150	0.000	0.000	0.000	0.150
	Right side	0.077	0.069	0.461	0.000	0.607
	Top side	0.208	0.080	0.181	0.000	0.469
	Bottom side	0.060	0.000	0.000	0.000	0.060
DC_13A_n66A	Front side	0.336	0.085	0.129	0.000	0.550
	Back side	0.595	0.118	0.355	0.057	1.125
	Left side	0.094	0.000	0.000	0.000	0.094
	Right side	0.068	0.069	0.461	0.000	0.598
	Top side	0.208	0.080	0.181	0.000	0.469
	Bottom side	0.073	0.000	0.000	0.000	0.073
DC_14A_n66A	Front side	0.327	0.085	0.129	0.000	0.541
	Back side	0.585	0.118	0.355	0.057	1.115
	Left side	0.094	0.000	0.000	0.000	0.094
	Right side	0.060	0.069	0.461	0.000	0.590
	Top side	0.208	0.080	0.181	0.000	0.469
	Bottom side	0.069	0.000	0.000	0.000	0.069
DC_30A_n66A	Front side	0.468	0.085	0.129	0.000	0.682
	Back side	0.853	0.118	0.355	0.057	1.383
	Left side	0.162	0.000	0.000	0.000	0.162
	Right side	0.076	0.069	0.461	0.000	0.606
	Top side	0.184	0.080	0.181	0.000	0.445
	Bottom side	0.592	0.000	0.000	0.000	0.592
DC_2A_n71A	Front side	0.370	0.085	0.129	0.000	0.584
	Back side	0.529	0.118	0.355	0.057	1.059

	Left side	0.169	0.000	0.000	0.000	0.169
	Right side	0.073	0.069	0.461	0.000	0.603
	Top side	0.564	0.080	0.181	0.000	0.825
	Bottom side	0.059	0.000	0.000	0.000	0.059
DC_66A_n71A	Front side	0.328	0.085	0.129	0.000	0.542
	Back side	0.602	0.118	0.355	0.057	1.132
	Left side	0.164	0.000	0.000	0.000	0.164
	Right side	0.073	0.069	0.461	0.000	0.603
	Top side	0.246	0.080	0.181	0.000	0.507
	Bottom side	0.059	0.000	0.000	0.000	0.059
DC_2A_n77A	Front side	0.957	0.085	0.129	0.000	1.171
	Back side	0.866	0.118	0.355	0.057	1.396
	Left side	0.074	0.000	0.000	0.000	0.074
	Right side	0.350	0.069	0.461	0.000	0.880
	Top side	0.496	0.080	0.181	0.000	0.757
	Bottom side	1.030	0.000	0.000	0.000	1.030
DC_5A_n77A	Front side	0.745	0.085	0.129	0.000	0.959
	Back side	0.482	0.118	0.355	0.057	1.012
	Left side	0.076	0.000	0.000	0.000	0.076
	Right side	0.264	0.069	0.461	0.000	0.794
	Top side	0.496	0.080	0.181	0.000	0.757
	Bottom side	0.148	0.000	0.000	0.000	0.148
DC_12A_n77A	Front side	0.610	0.085	0.129	0.000	0.824
	Back side	0.334	0.118	0.355	0.057	0.864
	Left side	0.056	0.000	0.000	0.000	0.056
	Right side	0.219	0.069	0.461	0.000	0.749
	Top side	0.496	0.080	0.181	0.000	0.757
	Bottom side	0.060	0.000	0.000	0.000	0.060
DC_13A_n77A	Front side	0.623	0.085	0.129	0.000	0.837
	Back side	0.359	0.118	0.355	0.057	0.889
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.210	0.069	0.461	0.000	0.740
	Top side	0.496	0.080	0.181	0.000	0.757
	Bottom side	0.073	0.000	0.000	0.000	0.073
DC_14A_n77A	Front side	0.614	0.085	0.129	0.000	0.828
	Back side	0.349	0.118	0.355	0.057	0.879
	Left side	0.000	0.000	0.000	0.000	0.000
	Right side	0.202	0.069	0.461	0.000	0.732
	Top side	0.496	0.080	0.181	0.000	0.757
	Bottom side	0.069	0.000	0.000	0.000	0.069
DC_66A_n77A	Front side	0.792	0.085	0.129	0.000	1.006
	Back side	0.568	0.118	0.355	0.057	1.098
	Left side	0.048	0.000	0.000	0.000	0.048
	Right side	0.248	0.069	0.461	0.000	0.778
	Top side	0.496	0.080	0.181	0.000	0.757
	Bottom side	0.511	0.000	0.000	0.000	0.511

LTE Band ULCA	Exposure position	Ant0	Ant1	Ant5	LTE B2		Inter-band CA Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B4	Front side	/	0.328	/	0.201	/	/	0.529	/
	Back side	/	0.503	/	0.308	/	/	0.811	/
	Left side	/	0.113	/	0.037	/	/	0.150	/
	Right side	/	0.000	/	0.104	/	/	0.104	/
	Top side	/	0.246	/	0.000	/	/	0.246	/
	Bottom side	/	0.000	/	0.516	/	/	0.516	/
LTE B5	Front side	0.189	/	/	/	0.370	0.559	/	/
	Back side	0.231	/	/	/	0.430	0.661	/	/
	Left side	0.076	/	/	/	0.118	0.194	/	/
	Right side	0.122	/	/	/	0.000	0.122	/	/
	Top side	0.000	/	/	/	0.564	0.564	/	/
	Bottom side	0.148	/	/	/	0.000	0.148	/	/
LTE B12	Front side	0.054	/	/	/	0.370	0.424	/	/
	Back side	0.083	/	/	/	0.430	0.513	/	/
	Left side	0.056	/	/	/	0.118	0.174	/	/
	Right side	0.077	/	/	/	0.000	0.077	/	/
	Top side	0.000	/	/	/	0.564	0.564	/	/
	Bottom side	0.060	/	/	/	0.000	0.060	/	/
LTE B13	Front side	0.067	/	/	/	0.370	0.437	/	/
	Back side	0.108	/	/	/	0.430	0.538	/	/
	Left side	0.000	/	/	/	0.118	0.118	/	/
	Right side	0.068	/	/	/	0.000	0.068	/	/
	Top side	0.000	/	/	/	0.564	0.564	/	/
	Bottom side	0.073	/	/	/	0.000	0.073	/	/
LTE B14	Front side	0.058	/	/	/	0.370	0.428	/	/
	Back side	0.098	/	/	/	0.430	0.528	/	/
	Left side	0.000	/	/	/	0.118	0.118	/	/
	Right side	0.060	/	/	/	0.000	0.060	/	/
	Top side	0.000	/	/	/	0.564	0.564	/	/
	Bottom side	0.069	/	/	/	0.000	0.069	/	/
LTE B30	Front side	/	/	0.240	0.201	/	/	/	0.441
	Back side	/	/	0.503	0.308	/	/	/	0.811
	Left side	/	/	0.124	0.037	/	/	/	0.161
	Right side	/	/	0.000	0.104	/	/	/	0.104
	Top side	/	/	0.184	0.000	/	/	/	0.184
	Bottom side	/	/	0.000	0.516	/	/	/	0.516
LTE B66	Front side	/	0.328	/	0.201	/	/	0.529	/
	Back side	/	0.503	/	0.308	/	/	0.811	/
	Left side	/	0.113	/	0.037	/	/	0.150	/
	Right side	/	0.000	/	0.104	/	/	0.104	/
	Top side	/	0.246	/	0.000	/	/	0.246	/
	Bottom side	/	0.000	/	0.516	/	/	0.516	/
LTE B71	Front side	0.000	/	/	/	0.370	0.370	/	/
	Back side	0.063	/	/	/	0.430	0.493	/	/
	Left side	0.048	/	/	/	0.118	0.166	/	/

	Right side	0.061	/	/	/	0.000	0.061	/	/
	Top side	0.000	/	/	/	0.564	0.564	/	/
	Bottom side	0.000	/	/	/	0.000	0.000	/	/

LTE Band ULCA	Exposure position	Ant0	Ant5	LTE B4		Inter-band CA Summed SAR	
				Ant0	Ant1		
		1	2	3	4	2+3	1+4
LTE B5	Front side	0.189	/	/	0.328	/	0.517
	Back side	0.231	/	/	0.503	/	0.734
	Left side	0.076	/	/	0.113	/	0.189
	Right side	0.122	/	/	0.000	/	0.122
	Top side	0.000	/	/	0.246	/	0.246
	Bottom side	0.148	/	/	0.000	/	0.148
LTE B12	Front side	0.054	/	/	0.328	/	0.382
	Back side	0.083	/	/	0.503	/	0.586
	Left side	0.056	/	/	0.113	/	0.169
	Right side	0.077	/	/	0.000	/	0.077
	Top side	0.000	/	/	0.246	/	0.246
	Bottom side	0.060	/	/	0.000	/	0.060
LTE B13	Front side	0.067	/	/	0.328	/	0.395
	Back side	0.108	/	/	0.503	/	0.611
	Left side	0.000	/	/	0.113	/	0.113
	Right side	0.068	/	/	0.000	/	0.068
	Top side	0.000	/	/	0.246	/	0.246
	Bottom side	0.073	/	/	0.000	/	0.073
LTE B14	Front side	0.058	/	/	0.328	/	0.386
	Back side	0.098	/	/	0.503	/	0.601
	Left side	0.000	/	/	0.113	/	0.113
	Right side	0.060	/	/	0.000	/	0.060
	Top side	0.000	/	/	0.246	/	0.246
	Bottom side	0.069	/	/	0.000	/	0.069
LTE B30	Front side	/	0.240	0.236	/	0.476	/
	Back side	/	0.503	0.317	/	0.820	/
	Left side	/	0.124	0.048	/	0.172	/
	Right side	/	0.000	0.106	/	0.106	/
	Top side	/	0.184	0.000	/	0.184	/
	Bottom side	/	0.000	0.511	/	0.511	/
LTE B71	Front side	0.000	/	/	0.328	/	0.328
	Back side	0.063	/	/	0.503	/	0.566
	Left side	0.048	/	/	0.113	/	0.161
	Right side	0.061	/	/	0.000	/	0.061
	Top side	0.000	/	/	0.246	/	0.246
	Bottom side	0.000	/	/	0.000	/	0.000

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B5	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Front side	/	0.240	0.189	/	0.429
	Back side	/	0.503	0.231	/	0.734
	Left side	/	0.124	0.076	/	0.200
	Right side	/	0.000	0.122	/	0.122

	Top side	/	0.184	0.000	/	0.184
	Bottom side	/	0.000	0.148	/	0.148
LTE B66	Front side	0.328	/	0.189	0.517	/
	Back side	0.503	/	0.231	0.734	/
	Left side	0.113	/	0.076	0.189	/
	Right side	0.000	/	0.122	0.122	/
	Top side	0.246	/	0.000	0.246	/
	Bottom side	0.000	/	0.148	0.148	/

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B12	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Front side	/	0.240	0.054	/	0.294
	Back side	/	0.503	0.083	/	0.586
	Left side	/	0.124	0.056	/	0.180
	Right side	/	0.000	0.077	/	0.077
	Top side	/	0.184	0.000	/	0.184
	Bottom side	/	0.000	0.060	/	0.060
LTE B66	Front side	0.328	/	0.054	0.382	/
	Back side	0.503	/	0.083	0.586	/
	Left side	0.113	/	0.056	0.169	/
	Right side	0.000	/	0.077	0.077	/
	Top side	0.246	/	0.000	0.246	/
	Bottom side	0.000	/	0.060	0.060	/

LTE Band ULCA	Exposure position	Ant1	LTE B13	Inter-band CA Summed SAR
			Ant0	
		1	2	1+2
LTE B66	Front side	0.328	0.067	0.395
	Back side	0.503	0.108	0.611
	Left side	0.113	0.000	0.113
	Right side	0.000	0.068	0.068
	Top side	0.246	0.000	0.246
	Bottom side	0.000	0.073	0.073

LTE Band ULCA	Exposure position	Ant1	Ant5	LTE B14	Inter-band CA Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B30	Front side	/	0.240	0.058	/	0.298
	Back side	/	0.503	0.098	/	0.601
	Left side	/	0.124	0.000	/	0.124
	Right side	/	0.000	0.060	/	0.060
	Top side	/	0.184	0.000	/	0.184
	Bottom side	/	0.000	0.069	/	0.069
LTE B66	Front side	0.328	/	0.058	0.386	/
	Back side	0.503	/	0.098	0.601	/
	Left side	0.113	/	0.000	0.113	/
	Right side	0.000	/	0.060	0.060	/
	Top side	0.246	/	0.000	0.246	/
	Bottom side	0.000	/	0.069	0.069	/

LTE Band ULCA	Exposure position	Ant1	LTE B30	Inter-band CA Summed SAR
		1	Ant4 2	
LTE B66	Front side	0.328	0.087	0.415
	Back side	0.503	0.126	0.629
	Left side	0.113	0.095	0.208
	Right side	0.000	0.000	0.000
	Top side	0.246	0.000	0.246
	Bottom side	0.000	0.054	0.054

LTE Band ULCA	Exposure position	Ant0	LTE B66	Inter-band CA Summed SAR
		1	Ant1 2	
LTE B71	Front side	0.000	0.328	0.328
	Back side	0.063	0.503	0.566
	Left side	0.048	0.113	0.161
	Right side	0.061	0.000	0.061
	Top side	0.000	0.246	0.246
	Bottom side	0.000	0.000	0.000

LTE Band (EN_DC)	Exposure position	Ant0	Ant1	Ant5	n2		EN_DC Summed SAR		
		1	2	3	Ant0 4	Ant1 5			
LTE B5	Front side	0.189	/	/	/	0.366	0.555	/	/
	Back side	0.231	/	/	/	0.437	0.668	/	/
	Left side	0.076	/	/	/	0.151	0.227	/	/
	Right side	0.122	/	/	/	0.000	0.122	/	/
	Top side	0.000	/	/	/	0.581	0.581	/	/
	Bottom side	0.148	/	/	/	0.000	0.148	/	/
LTE B12	Front side	0.054	/	/	/	0.366	0.420	/	/
	Back side	0.083	/	/	/	0.437	0.520	/	/
	Left side	0.056	/	/	/	0.151	0.207	/	/
	Right side	0.077	/	/	/	0.000	0.077	/	/
	Top side	0.000	/	/	/	0.581	0.581	/	/
	Bottom side	0.060	/	/	/	0.000	0.060	/	/
LTE B13	Front side	0.067	/	/	/	0.366	0.433	/	/
	Back side	0.108	/	/	/	0.437	0.545	/	/
	Left side	0.000	/	/	/	0.151	0.151	/	/
	Right side	0.068	/	/	/	0.000	0.068	/	/
	Top side	0.000	/	/	/	0.581	0.581	/	/
	Bottom side	0.073	/	/	/	0.000	0.073	/	/
LTE B14	Front side	0.058	/	/	/	0.366	0.424	/	/
	Back side	0.098	/	/	/	0.437	0.535	/	/
	Left side	0.000	/	/	/	0.151	0.151	/	/
	Right side	0.060	/	/	/	0.000	0.060	/	/
	Top side	0.000	/	/	/	0.581	0.581	/	/
	Bottom side	0.069	/	/	/	0.000	0.069	/	/
LTE B30	Front side	/	/	0.240	0.328	/	/	/	0.568
	Back side	/	/	0.503	0.391	/	/	/	0.894
	Left side	/	/	0.124	0.059	/	/	/	0.183

	Right side	/	/	0.000	0.047	/	/	/	0.047
	Top side	/	/	0.184	0.000	/	/	/	0.184
	Bottom side	/	/	0.000	0.588	/	/	/	0.588
LTE B66	Front side	/	0.328	/	0.328	/	/	0.656	/
	Back side	/	0.503	/	0.391	/	/	0.894	/
	Left side	/	0.113	/	0.059	/	/	0.172	/
	Right side	/	0.000	/	0.047	/	/	0.047	/
	Top side	/	0.246	/	0.000	/	/	0.246	/
	Bottom side	/	0.000	/	0.588	/	/	0.588	/

LTE Band (EN_DC)	Exposure position	Ant1	Ant5	n5	EN_DC Summed SAR	
				Ant0		
		1	2	3	1+3	2+3
LTE B2	Front side	0.370	/	0.264	0.634	/
	Back side	0.430	/	0.449	0.879	/
	Left side	0.118	/	0.120	0.238	/
	Right side	0.000	/	0.163	0.163	/
	Top side	0.564	/	0.000	0.564	/
	Bottom side	0.000	/	0.218	0.218	/
LTE B30	Front side	/	0.240	0.264	/	0.504
	Back side	/	0.503	0.449	/	0.952
	Left side	/	0.124	0.120	/	0.244
	Right side	/	0.000	0.163	/	0.163
	Top side	/	0.184	0.000	/	0.184
	Bottom side	/	0.000	0.218	/	0.218
LTE B66	Front side	0.328	/	0.264	0.592	/
	Back side	0.503	/	0.449	0.952	/
	Left side	0.113	/	0.120	0.233	/
	Right side	0.000	/	0.163	0.163	/
	Top side	0.246	/	0.000	0.246	/
	Bottom side	0.000	/	0.218	0.218	/

LTE Band (EN_DC)	Exposure position	Ant1	n25	EN_DC Summed SAR
			Ant0	
		1	2	1+2
LTE B66	Front side	0.328	0.328	0.656
	Back side	0.503	0.391	0.894
	Left side	0.113	0.059	0.172
	Right side	0.000	0.047	0.047
	Top side	0.246	0.000	0.246
	Bottom side	0.000	0.588	0.588

LTE Band (EN_DC)	Exposure position	Ant1	n41	EN_DC Summed SAR
			Ant4	
		1	2	1+2
LTE B2	Front side	0.370	0.099	0.469
	Back side	0.430	0.123	0.553
	Left side	0.118	0.109	0.227
	Right side	0.000	0.000	0.000
	Top side	0.564	0.000	0.564

	Bottom side	0.000	0.065	0.065
LTE B66	Front side	0.328	0.099	0.427
	Back side	0.503	0.123	0.626
	Left side	0.113	0.109	0.222
	Right side	0.000	0.000	0.000
	Top side	0.246	0.000	0.246
	Bottom side	0.000	0.065	0.065

LTE Band (EN_DC)	Exposure position	Ant0	Ant1	Ant5	n66		EN_DC Summed SAR		
					Ant0	Ant1			
		1	2	3	4	5	1+5	2+4	3+4
LTE B2	Front side	/	0.370	/	0.228	/	/	0.598	/
	Back side	/	0.430	/	0.350	/	/	0.780	/
	Left side	/	0.118	/	0.038	/	/	0.156	/
	Right side	/	0.000	/	0.076	/	/	0.076	/
	Top side	/	0.564	/	0.000	/	/	0.564	/
	Bottom side	/	0.000	/	0.592	/	/	0.592	/
LTE B5	Front side	0.189	/	/	/	0.269	0.458	/	/
	Back side	0.231	/	/	/	0.487	0.718	/	/
	Left side	0.076	/	/	/	0.094	0.170	/	/
	Right side	0.122	/	/	/	0.000	0.122	/	/
	Top side	0.000	/	/	/	0.208	0.208	/	/
	Bottom side	0.148	/	/	/	0.000	0.148	/	/
LTE B12	Front side	0.054	/	/	/	0.269	0.323	/	/
	Back side	0.083	/	/	/	0.487	0.570	/	/
	Left side	0.056	/	/	/	0.094	0.150	/	/
	Right side	0.077	/	/	/	0.000	0.077	/	/
	Top side	0.000	/	/	/	0.208	0.208	/	/
	Bottom side	0.060	/	/	/	0.000	0.060	/	/
LTE B13	Front side	0.067	/	/	/	0.269	0.336	/	/
	Back side	0.108	/	/	/	0.487	0.595	/	/
	Left side	0.000	/	/	/	0.094	0.094	/	/
	Right side	0.068	/	/	/	0.000	0.068	/	/
	Top side	0.000	/	/	/	0.208	0.208	/	/
	Bottom side	0.073	/	/	/	0.000	0.073	/	/
LTE B14	Front side	0.058	/	/	/	0.269	0.327	/	/
	Back side	0.098	/	/	/	0.487	0.585	/	/
	Left side	0.000	/	/	/	0.094	0.094	/	/
	Right side	0.060	/	/	/	0.000	0.060	/	/
	Top side	0.000	/	/	/	0.208	0.208	/	/
	Bottom side	0.069	/	/	/	0.000	0.069	/	/
LTE B30	Front side	/	/	0.240	0.228	/	/	/	0.468
	Back side	/	/	0.503	0.350	/	/	/	0.853
	Left side	/	/	0.124	0.038	/	/	/	0.162
	Right side	/	/	0.000	0.076	/	/	/	0.076
	Top side	/	/	0.184	0.000	/	/	/	0.184
	Bottom side	/	/	0.000	0.592	/	/	/	0.592

LTE Band (EN_DC)	Exposure position	Ant1	n71	EN_DC Summed SAR
		1	Ant0	
		1	2	
LTE B2	Front side	0.370	0.000	0.370
	Back side	0.430	0.099	0.529
	Left side	0.118	0.051	0.169
	Right side	0.000	0.073	0.073
	Top side	0.564	0.000	0.564
	Bottom side	0.000	0.059	0.059
LTE B66	Front side	0.328	0.000	0.328
	Back side	0.503	0.099	0.602
	Left side	0.113	0.051	0.164
	Right side	0.000	0.073	0.073
	Top side	0.246	0.000	0.246
	Bottom side	0.000	0.059	0.059

LTE Band (EN_DC)	Exposure position	Ant0	n77	EN_DC Summed SAR
		1	Ant6	
		1	2	
LTE B2	Front side	0.401	0.556	0.957
	Back side	0.615	0.251	0.866
	Left side	0.074	0.000	0.074
	Right side	0.208	0.142	0.350
	Top side	0.000	0.496	0.496
	Bottom side	1.030	0.000	1.030
LTE B5	Front side	0.189	0.556	0.745
	Back side	0.231	0.251	0.482
	Left side	0.076	0.000	0.076
	Right side	0.122	0.142	0.264
	Top side	0.000	0.496	0.496
	Bottom side	0.148	0.000	0.148
LTE B12	Front side	0.054	0.556	0.610
	Back side	0.083	0.251	0.334
	Left side	0.056	0.000	0.056
	Right side	0.077	0.142	0.219
	Top side	0.000	0.496	0.496
	Bottom side	0.060	0.000	0.060
LTE B13	Front side	0.067	0.556	0.623
	Back side	0.108	0.251	0.359
	Left side	0.000	0.000	0.000
	Right side	0.068	0.142	0.210
	Top side	0.000	0.496	0.496
	Bottom side	0.073	0.000	0.073
LTE B14	Front side	0.058	0.556	0.614
	Back side	0.098	0.251	0.349
	Left side	0.000	0.000	0.000
	Right side	0.060	0.142	0.202
	Top side	0.000	0.496	0.496
	Bottom side	0.069	0.000	0.069
LTE B66	Front side	0.236	0.556	0.792
	Back side	0.317	0.251	0.568

	Left side	0.048	0.000	0.048
	Right side	0.106	0.142	0.248
	Top side	0.000	0.496	0.496
	Bottom side	0.511	0.000	0.511

NR Band (MIMO)	Exposure position	Ant5	n41	MIMO Summed SAR
			Ant4	
		1	2	1+2
n41	Front side	0.779	0.099	0.878
	Back side	1.053	0.123	1.176
	Left side	0.349	0.109	0.458
	Right side	0.000	0.000	0.000
	Top side	0.771	0.000	0.771
	Bottom side	0.000	0.065	0.065

NR Band (MIMO)	Exposure position	Ant6	n77(78)	MIMO Summed SAR
			Ant7	
		1	2	1+2
n77(78)	Front side	0.556	0.679	1.235
	Back side	0.251	1.007	1.258
	Left side	0.000	0.000	0.000
	Right side	0.142	0.882	1.024
	Top side	0.496	0.000	0.496
	Bottom side	0.000	0.498	0.498

Product Specific 10-g (0mm):

Test position		SARmax (W/kg)			Summed SAR
		WWAN	WiFi 5G	NFC	
		1	2	3	
WCDMA Band II	Front side	0.000	0.138	0.000	0.138
	Back side	0.000	0.809	0.005	0.814
	Left side	0.000	0.000	0.000	0.000
	Right side	0.000	0.732	0.000	0.732
	Top side	0.000	0.204	0.000	0.204
	Bottom side	3.309	0.000	0.000	3.309
WCDMA Band IV	Front side	0.000	0.138	0.000	0.138
	Back side	0.000	0.809	0.005	0.814
	Left side	0.000	0.000	0.000	0.000
	Right side	0.000	0.732	0.000	0.732
	Top side	0.000	0.204	0.000	0.204
	Bottom side	2.908	0.000	0.000	2.908
LTE Band 25(2)	Front side	0.000	0.138	0.000	0.138
	Back side	0.000	0.809	0.005	0.814
	Left side	0.000	0.000	0.000	0.000
	Right side	0.000	0.732	0.000	0.732
	Top side	3.139	0.204	0.000	3.343
	Bottom side	3.140	0.000	0.000	3.140
LTE Band 66	Front side	0.000	0.138	0.000	0.138
	Back side	0.000	0.809	0.005	0.814
	Left side	0.000	0.000	0.000	0.000
	Right side	0.000	0.732	0.000	0.732



	Top side	0.000	0.204	0.000	0.204
	Bottom side	3.033	0.000	0.000	3.033
NR Band n25(2)	Front side	0.000	0.138	0.000	0.138
	Back side	0.000	0.809	0.005	0.814
	Left side	0.000	0.000	0.000	0.000
	Right side	0.000	0.732	0.000	0.732
	Top side	3.189	0.204	0.000	3.393
	Bottom side	2.470	0.000	0.000	2.470
	Front side	0.000	0.138	0.000	0.138
	Back side	0.000	0.809	0.005	0.814
NR Band n66	Left side	0.000	0.000	0.000	0.000
	Right side	0.000	0.732	0.000	0.732
	Top side	0.000	0.204	0.000	0.204
	Bottom side	2.470	0.000	0.000	2.470

9 Equipment list

Test Platform		SPEAG DASY Professional				
Software Reference		DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)				
Hardware Reference						
Equipment		Manufacturer	Model	Serial Number	Calibration Date	Due date of calibration
☒	Test Phantom	SPEAG	ELI V5.0	1239	NCR	NCR
☒	Test Phantom	SPEAG	SAM8	1824	NCR	NCR
☒	DAE	SPEAG	DAE4	1245	2025-09-08	2026-09-07
☒	E-Field Probe	SPEAG	EX3DV4	3982	2025-11-07	2026-11-06
☒	E-Field Probe	SPEAG	EX3DV4	3923	2026-01-12	2027-01-11
☒	Validation Kits	SPEAG	CLA13	1032	2026-02-18	2029-02-17
☒	Validation Kits	SPEAG	D750V3	1214	2025-04-01	2028-03-31
☒	Validation Kits	SPEAG	D835V2	4d161	2023-08-25	2026-08-24
☒	Validation Kits	SPEAG	D1750V2	1105	2023-11-03	2026-11-02
☒	Validation Kits	SPEAG	D1950V3	1138	2025-10-15	2028-10-15
☒	Validation Kits	SPEAG	D2300V2	1096	2025-04-01	2028-03-31
☒	Validation Kits	SPEAG	D2450V2	922	2023-08-28	2026-08-27
☒	Validation Kits	SPEAG	D2600V2	1158	2025-03-31	2028-03-30
☒	Validation Kits	SPEAG	D3500V2	1133	2025-04-02	2028-04-01
☒	Validation Kits	SPEAG	D3700V2	1108	2025-04-01	2028-03-31
☒	Validation Kits	SPEAG	D3900V2	1083	2025-03-31	2028-03-30
☒	Validation Kits	SPEAG	D5GHzV2	1174	2023-08-23	2026-08-22
☒	Dielectric parameter probes	SPEAG	DAKS-3.5	1120	2025-08-25	2026-08-24
☒	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R140	50920	2025-08-25	2026-08-24
☒	Dielectric parameter probes	SPEAG	DAKS-12	1043	2025-09-22	2026-09-21
☒	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R60	21423005	2025-09-22	2026-09-21
☒	Universal Radio Communication Tester	R&S	CMW500	111637	2026-01-15	2027-01-14
☒	RF Bi-Directional Coupler	Agilent	86205-60001	MY31400031	NCR	NCR
☒	Signal Generator	R&S	SMB100A	182393	2026-01-14	2027-01-13
☒	Preamplifier	Qiji	YX28980933	202104001	NCR	NCR
☒	USB Average Power Sensor	Keysight	U2002H	MY5639004	2025-08-25	2026-08-24
☒	USB Average Power Sensor	Agilent	U2002H	MY48200110	2025-11-20	2026-11-19
☒	USB Power Sensor	KEYSIGHT	U8481A	MZ52460001	2025-06-16	2026-06-14
☒	USB Power Sensor	KEYSIGHT	U8481A	MZ52460007	2025-06-16	2026-06-14
☒	Attenuator	SHX	TS2-3dB	30704	NCR	NCR
☒	Coaxial low pass filter	Mini-Circuits	VLF-2500(+)	NA	NCR	NCR
☒	Coaxial low pass filter	Microlab Fxr	LA-F13	NA	NCR	NCR
☒	DC POWER SUPPLY	SAKO	SK1730SL5A	NA	NCR	NCR



☒	Speed reading thermometer	DTM SPEZLAL	DTM3000	NA	2025-09-17	2026-09-16
☒	Humidity and Temperature Indicator	ASONE	THA-02L	2201-1017	2025-09-16	2026-09-15

Note: All the equipment are within the valid period when the tests are performed.

10 Calibration certificate

Please see the Appendix C

11 Photographs

Please see the Appendix D

Appendix A: Detailed System Check Results

Appendix B: Detailed Test Results

Appendix C: Calibration certificate

Appendix D: Photographs

Appendix E: Conducted RF Output Power

--- End of report ---