

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

Test Position	Test ch./Freq.	Measured SAR (W/kg)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Left cheek	158600/793	0.818	0.811	1.009	N/A	N/A
Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.						
2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).						
3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .						
4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg						
5) The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds. The repeated measurement results must be clearly identified in the SAR report.						

(for original report SUCR251000102603)

11.3.20 SAR Result of NR Band n30

SA N30 SAR Test Record											
Ant0 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.697	-0.04	19.45	21.00	1.429	0.996	22.6
Left tilted	10	QPSK 1_1	462000/2310	100%	0.506	-0.12	19.45	21.00	1.429	0.723	22.6
Right cheek	10	QPSK 1_1	462000/2310	100%	0.356	0.14	19.45	21.00	1.429	0.509	22.6
Right tilted	10	QPSK 1_1	462000/2310	100%	0.302	0.17	19.45	21.00	1.429	0.432	22.6
Receiver on Head Test Data (50%RB)											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.678	0.01	19.40	21.00	1.445	0.980	22.6
Left tilted	10	QPSK 25_14	462000/2310	100%	0.482	0.03	19.40	21.00	1.445	0.696	22.6
Right cheek	10	QPSK 25_14	462000/2310	100%	0.344	0.11	19.40	21.00	1.445	0.497	22.6
Right tilted	10	QPSK 25_14	462000/2310	100%	0.292	-0.07	19.40	21.00	1.445	0.422	22.6
Receiver on Head Test Data (100%RB)											
Left cheek	10	QPSK 50_0	462000/2310	100%	0.647	0.05	18.33	20.00	1.469	0.950	22.6
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	10	QPSK 1_1	462000/2310	100%	0.697	-0.04	19.45	18.00	0.716	0.499	22.6
Left tilted	10	QPSK 1_1	462000/2310	100%	0.506	-0.12	19.45	18.00	0.716	0.362	22.6
Right cheek	10	QPSK 1_1	462000/2310	100%	0.356	0.14	19.45	18.00	0.716	0.255	22.6
Right tilted	10	QPSK 1_1	462000/2310	100%	0.302	0.17	19.45	18.00	0.716	0.216	22.6
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	10	QPSK 25_14	462000/2310	100%	0.678	0.01	19.40	18.00	0.724	0.491	22.6
Left tilted	10	QPSK 25_14	462000/2310	100%	0.482	0.03	19.40	18.00	0.724	0.349	22.6
Right cheek	10	QPSK 25_14	462000/2310	100%	0.344	0.11	19.40	18.00	0.724	0.249	22.6
Right tilted	10	QPSK 25_14	462000/2310	100%	0.292	-0.07	19.40	18.00	0.724	0.211	22.6
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Left cheek	10	QPSK 50_0	462000/2310	100%	0.647	0.05	18.33	18.00	0.927	0.600	22.6
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.710	-0.04	22.02	23.50	1.406	0.998	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.679	-0.01	22.02	23.50	1.406	0.955	22.6
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	10	QPSK 25_14	462000/2310	100%	0.700	-0.09	21.91	23.50	1.442	1.009	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.669	0.16	21.91	23.50	1.442	0.965	22.6
Sensor on Body worn Test data (Separate 5mm 100%RB)											
Front side	10	QPSK 50_0	462000/2310	100%	0.669	-0.08	20.92	22.50	1.439	0.963	22.6
Back side	10	QPSK 50_0	462000/2310	100%	0.647	-0.11	20.92	22.50	1.439	0.931	22.6
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	10	QPSK 1_1	462000/2310	100%	0.710	-0.04	22.02	20.50	0.705	0.501	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.679	-0.01	22.02	20.50	0.705	0.479	22.6
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	10	QPSK 25_14	462000/2310	100%	0.700	-0.09	21.91	20.50	0.723	0.506	22.6
Back side	10	QPSK 25_14	462000/2310	100%	0.669	0.16	21.91	20.50	0.723	0.484	22.6
Sensor on Body worn Evaluate data (Separate 5mm 100%RB) For Simultaneous											
Front side	10	QPSK 50_0	462000/2310	100%	0.669	-0.08	20.92	20.50	0.908	0.607	22.6
Back side	10	QPSK 50_0	462000/2310	100%	0.647	-0.11	20.92	20.50	0.908	0.587	22.6
Sensor off Body worn Test data 1RB											
Front side-20mm	10	QPSK 1_1	462000/2310	100%	0.256	-0.10	22.21	24.00	1.510	0.387	22.6
Back side-15mm	10	QPSK 1_1	462000/2310	100%	0.311	-0.14	22.21	24.00	1.510	0.470	22.6
Sensor off Body worn Test data 50%RB											
Front side-20mm	10	QPSK 25_14	462000/2310	100%	0.217	-0.09	22.10	24.00	1.549	0.336	22.6
Back side-15mm	10	QPSK 25_14	462000/2310	100%	0.283	0.11	22.10	24.00	1.549	0.438	22.6
Hotspot Test data (Separate 10mm 1RB)											
Front side	10	QPSK 1_1	462000/2310	100%	0.409	0.05	22.02	23.50	1.406	0.575	22.6
Back side	10	QPSK 1_1	462000/2310	100%	0.489	0.10	22.02	23.50	1.406	0.688	22.6

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

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

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

(for original report SUCR251000102603)

11.3.21 SAR Result of NR Band n66

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

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

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

(for original report SUCR251000102603)

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

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

Left side	100	QPSK 270_0	633334/3500	100%	0.607	0.14	13.54	12.50	0.787	0.478	22.5
Ant4 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.333	-0.15	15.23	16.00	1.194	0.398	22.5
Left tilted	100	QPSK 1_1	633334/3500	100%	0.280	0.09	15.23	16.00	1.194	0.334	22.5
Right cheek	100	QPSK 1_1	633334/3500	100%	0.536	-0.15	15.23	16.00	1.194	0.640	22.5
Right tilted	100	QPSK 1_1	633334/3500	100%	0.419	0.00	15.23	16.00	1.194	0.500	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.294	0.17	15.17	16.00	1.211	0.356	22.5
Left tilted	100	QPSK 135_69	633334/3500	100%	0.256	-0.05	15.17	16.00	1.211	0.310	22.5
Right cheek	100	QPSK 135_69	633334/3500	100%	0.540	0.04	15.17	16.00	1.211	0.654	22.5
Right tilted	100	QPSK 135_69	633334/3500	100%	0.396	0.05	15.17	16.00	1.211	0.480	22.5
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	633334/3500	100%	0.333	-0.15	15.23	12.50	0.533	0.177	22.5
Left tilted	100	QPSK 1_1	633334/3500	100%	0.280	0.09	15.23	12.50	0.533	0.149	22.5
Right cheek	100	QPSK 1_1	633334/3500	100%	0.536	-0.15	15.23	12.50	0.533	0.286	22.5
Right tilted	100	QPSK 1_1	633334/3500	100%	0.419	0.00	15.23	12.50	0.533	0.223	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	633334/3500	100%	0.294	0.17	15.17	12.50	0.541	0.159	22.5
Left tilted	100	QPSK 135_69	633334/3500	100%	0.256	-0.05	15.17	12.50	0.541	0.138	22.5
Right cheek	100	QPSK 135_69	633334/3500	100%	0.540	0.04	15.17	12.50	0.541	0.292	22.5
Right tilted	100	QPSK 135_69	633334/3500	100%	0.396	0.05	15.17	12.50	0.541	0.214	22.5
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	100	QPSK 1_1	633334/3500	100%	0.439	0.09	17.29	18.50	1.321	0.580	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.406	-0.08	17.29	18.50	1.321	0.536	22.5
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	100	QPSK 135_69	633334/3500	100%	0.392	-0.07	17.24	18.50	1.337	0.524	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.362	0.12	17.24	18.50	1.337	0.484	22.5
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	633334/3500	100%	0.439	0.09	17.29	17.00	0.935	0.410	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.406	-0.08	17.29	17.00	0.935	0.380	22.5
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	633334/3500	100%	0.392	-0.07	17.24	17.00	0.946	0.371	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.362	0.12	17.24	17.00	0.946	0.342	22.5
Sensor off Body worn Test data 1RB											
Front side-12mm	100	QPSK 1_1	633334/3500	100%	0.203	0.03	25.22	27.00	1.507	0.306	22.5
Back side-15mm	100	QPSK 1_1	633334/3500	100%	0.173	-0.13	25.22	27.00	1.507	0.261	22.5
Sensor off Body worn Test data 50%RB											
Front side-12mm	100	QPSK 135_69	633334/3500	100%	0.169	0.00	25.13	27.00	1.538	0.260	22.5
Back side-15mm	100	QPSK 135_69	633334/3500	100%	0.122	0.07	25.13	27.00	1.538	0.188	22.5
Hotspot Test data (Separate 10mm 1RB)											
Front side	100	QPSK 1_1	633334/3500	100%	0.114	-0.05	17.29	18.50	1.321	0.151	22.5
Back side	100	QPSK 1_1	633334/3500	100%	0.106	0.03	17.29	18.50	1.321	0.140	22.5
Left side	100	QPSK 1_1	633334/3500	100%	0.576	0.05	17.29	18.50	1.321	0.761	22.5
Top side	100	QPSK 1_1	633334/3500	100%	0.081	0.19	17.29	18.50	1.321	0.107	22.5
Hotspot Test data (Separate 10mm 50%RB)											
Front side	100	QPSK 135_69	633334/3500	100%	0.109	0.11	17.24	18.50	1.337	0.146	22.5
Back side	100	QPSK 135_69	633334/3500	100%	0.100	0.12	17.24	18.50	1.337	0.134	22.5
Left side	100	QPSK 135_69	633334/3500	100%	0.557	0.08	17.24	18.50	1.337	0.745	22.5



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

(for original report SUCR251000102603)

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

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

Left side	100	QPSK 1_1	650000/3750	100%	0.830	-0.08	14.63	12.50	0.612	0.508	22.5
Left side	100	QPSK 1_1	662000/3930	100%	0.773	0.04	14.57	12.50	0.621	0.480	22.5
Hotspot Evaluate data (Separate 10mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	650000/3750	100%	0.254	0.03	14.57	12.50	0.621	0.158	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.263	0.19	14.57	12.50	0.621	0.163	22.5
Left side	100	QPSK 135_69	650000/3750	100%	0.789	0.08	14.57	12.50	0.621	0.490	22.5
Left side	100	QPSK 135_69	662000/3930	100%	0.724	-0.18	14.61	12.50	0.615	0.445	22.5
Hotspot Evaluate data (Separate 10mm 100%RB) For Simultaneous											
Left side	100	QPSK 270_0	650000/3750	100%	0.724	-0.10	13.60	12.50	0.776	0.562	22.5
Ant4 Test Record											
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data (1RB)											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.430	-0.16	15.06	16.00	1.242	0.534	22.5
Left tilted	100	QPSK 1_1	650000/3750	100%	0.344	0.15	15.06	16.00	1.242	0.427	22.5
Right cheek	100	QPSK 1_1	650000/3750	100%	0.818	0.06	15.06	16.00	1.242	1.016	22.5
Right cheek	100	QPSK 1_1	662000/3930	100%	0.769	-0.07	15.04	16.00	1.247	0.959	22.5
Right tilted	100	QPSK 1_1	650000/3750	100%	0.589	-0.14	15.06	16.00	1.242	0.732	22.5
Receiver on Head Test Data (50%RB)											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.403	0.19	14.84	16.00	1.306	0.526	22.5
Left tilted	100	QPSK 135_69	650000/3750	100%	0.328	-0.16	14.84	16.00	1.306	0.428	22.5
Right cheek	100	QPSK 135_69	650000/3750	100%	0.773	-0.04	14.84	16.00	1.306	1.010	22.5
Right cheek	100	QPSK 135_69	662000/3930	100%	0.734	0.07	14.77	16.00	1.327	0.974	22.5
Right tilted	100	QPSK 135_69	650000/3750	100%	0.571	-0.18	14.84	16.00	1.306	0.746	22.5
Receiver on Head Test Data (100%RB)											
Right cheek	100	QPSK 270_0	650000/3750	100%	0.715	-0.08	13.85	15.00	1.303	0.932	22.5
Receiver on Head Evaluate Data (1RB) For Simultaneous											
Left cheek	100	QPSK 1_1	650000/3750	100%	0.430	-0.16	15.06	12.50	0.555	0.239	22.5
Left tilted	100	QPSK 1_1	650000/3750	100%	0.344	0.15	15.06	12.50	0.555	0.191	22.5
Right cheek	100	QPSK 1_1	650000/3750	100%	0.818	0.06	15.06	12.50	0.555	0.454	22.5
Right cheek	100	QPSK 1_1	662000/3930	100%	0.769	-0.07	15.04	12.50	0.557	0.428	22.5
Right tilted	100	QPSK 1_1	650000/3750	100%	0.589	-0.14	15.06	12.50	0.555	0.327	22.5
Receiver on Head Evaluate Data (50%RB) For Simultaneous											
Left cheek	100	QPSK 135_69	650000/3750	100%	0.403	0.19	14.84	12.50	0.583	0.235	22.5
Left tilted	100	QPSK 135_69	650000/3750	100%	0.328	-0.16	14.84	12.50	0.583	0.191	22.5
Right cheek	100	QPSK 135_69	650000/3750	100%	0.773	-0.04	14.84	12.50	0.583	0.451	22.5
Right cheek	100	QPSK 135_69	662000/3930	100%	0.734	0.07	14.77	12.50	0.593	0.435	22.5
Right tilted	100	QPSK 135_69	650000/3750	100%	0.571	-0.18	14.84	12.50	0.583	0.333	22.5
Receiver on Head Evaluate Data (100%RB) For Simultaneous											
Right cheek	100	QPSK 270_0	650000/3750	100%	0.715	-0.08	13.85	12.50	0.733	0.524	22.5
Sensor on Body worn Test data (Separate 5mm 1RB)											
Front side	100	QPSK 1_1	650000/3750	100%	0.597	-0.08	17.32	18.50	1.312	0.783	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.456	-0.01	17.32	18.50	1.312	0.598	22.5
Sensor on Body worn Test data (Separate 5mm 50%RB)											
Front side	100	QPSK 135_69	650000/3750	100%	0.539	-0.05	17.15	18.50	1.365	0.736	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.425	-0.02	17.15	18.50	1.365	0.580	22.5
Sensor on Body worn Evaluate data (Separate 5mm 1RB) For Simultaneous											
Front side	100	QPSK 1_1	650000/3750	100%	0.597	-0.08	17.32	17.00	0.929	0.555	22.5
Back side	100	QPSK 1_1	650000/3750	100%	0.456	-0.01	17.32	17.00	0.929	0.424	22.5
Sensor on Body worn Evaluate data (Separate 5mm 50%RB) For Simultaneous											
Front side	100	QPSK 135_69	650000/3750	100%	0.539	-0.05	17.15	17.00	0.966	0.521	22.5
Back side	100	QPSK 135_69	650000/3750	100%	0.425	-0.02	17.15	17.00	0.966	0.411	22.5
Sensor off Body worn Test data 1RB											
Front side-12mm	100	QPSK 1_1	650000/3750	100%	0.236	-0.06	25.32	27.00	1.472	0.347	22.5
Back side-15mm	100	QPSK 1_1	650000/3750	100%	0.207	0.04	25.32	27.00	1.472	0.305	22.5
Sensor off Body worn Test data 50%RB											
Front side-12mm	100	QPSK 135_69	650000/3750	100%	0.200	0.05	25.16	27.00	1.528	0.306	22.5

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

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

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

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

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

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

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

(for original report SUCR251000102603)

11.3.24 SAR Result of WIFI 2.4G

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

Right tilted	802.11b	6/2437	98.72%	1.013	0.211	-0.09	21.55	22.00	1.110	0.237	22.5
Body worn Test data (Separate 5mm)											
Front side	802.11b	6/2437	98.72%	1.013	0.397	0.15	21.55	22.00	1.110	0.446	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.330	-0.18	21.55	22.00	1.110	0.371	22.5
Body worn Evaluate data (Separate 5mm) For Simultaneous											
Front side	802.11b	6/2437	98.72%	1.013	0.397	0.15	21.55	20.50	0.786	0.316	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.330	-0.18	21.55	20.50	0.786	0.263	22.5
Hotspot Test data (Separate 10mm)											
Front side	802.11b	6/2437	98.72%	1.013	0.236	0.12	21.55	22.00	1.110	0.265	22.5
Back side	802.11b	6/2437	98.72%	1.013	0.166	-0.11	21.55	22.00	1.110	0.187	22.5
Left side	802.11b	6/2437	98.72%	1.013	0.336	0.05	21.55	22.00	1.110	0.378	22.5
Right side	802.11b	6/2437	98.72%	1.013	0.034	0.16	21.55	22.00	1.110	0.038	22.5
Top side	802.11b	6/2437	98.72%	1.013	0.133	0.10	21.55	22.00	1.110	0.150	22.5
Bottom side	802.11b	6/2437	98.72%	1.013	0.089	-0.10	21.55	22.00	1.110	0.100	22.5

(for original report SUCR251000102603)

11.3.25 SAR Result of WIFI 5G

Wi-Fi 5G SAR Test Record											
Ant6 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)
Receiver on Head Test Data of U-NII-2A											
Left cheek	802.11n HT20	52/5260	99.64%	1.004	0.788	-0.03	14.84	15.50	1.164	0.921	22.7
Left tilted	802.11n HT20	52/5260	99.64%	1.004	0.817	-0.09	14.84	15.50	1.164	0.955	22.7
Right cheek	802.11n HT20	52/5260	99.64%	1.004	0.800	0.05	14.84	15.50	1.164	0.935	22.7
Right tilted	802.11n HT20	52/5260	99.64%	1.004	0.765	0.04	14.84	15.50	1.164	0.894	22.7
Head Test Data of U-NII-2C											
Left cheek	802.11n HT20	140/5700	99.64%	1.004	0.791	-0.01	17.22	18.00	1.197	0.951	22.7
Left tilted	802.11n HT20	140/5700	99.64%	1.004	0.674	0.05	17.22	18.00	1.197	0.810	22.7
Right cheek	802.11n HT20	140/5700	99.64%	1.004	0.656	-0.06	17.22	18.00	1.197	0.788	22.7
Right tilted	802.11n HT20	140/5700	99.64%	1.004	0.578	0.07	17.22	18.00	1.197	0.695	22.7
Head Test Data of U-NII-3											
Left cheek	802.11n HT20	149/5745	99.64%	1.004	0.593	0.11	18.03	19.00	1.250	0.744	22.7
Left tilted	802.11n HT20	149/5745	99.64%	1.004	0.496	0.10	18.03	19.00	1.250	0.622	22.7
Right cheek	802.11n HT20	149/5745	99.64%	1.004	0.516	-0.16	18.03	19.00	1.250	0.648	22.7
Right tilted	802.11n HT20	149/5745	99.64%	1.004	0.416	0.03	18.03	19.00	1.250	0.522	22.7
Receiver on Head Evaluate Data of U-NII-2A For Simultaneous											
Left cheek	802.11n HT20	52/5260	99.64%	1.004	0.788	-0.03	14.84	11.50	0.463	0.366	22.7
Left tilted	802.11n HT20	52/5260	99.64%	1.004	0.817	-0.09	14.84	11.50	0.463	0.380	22.7
Right cheek	802.11n HT20	52/5260	99.64%	1.004	0.800	0.05	14.84	11.50	0.463	0.372	22.7
Right tilted	802.11n HT20	52/5260	99.64%	1.004	0.765	0.04	14.84	11.50	0.463	0.356	22.7
Evaluate Evaluate of U-NII-2C For Simultaneous											
Left cheek	802.11n HT20	140/5700	99.64%	1.004	0.791	-0.01	17.22	14.00	0.476	0.378	22.7
Left tilted	802.11n HT20	140/5700	99.64%	1.004	0.674	0.05	17.22	14.00	0.476	0.322	22.7
Right cheek	802.11n HT20	140/5700	99.64%	1.004	0.656	-0.06	17.22	14.00	0.476	0.314	22.7
Right tilted	802.11n HT20	140/5700	99.64%	1.004	0.578	0.07	17.22	14.00	0.476	0.276	22.7
Evaluate Evaluate of U-NII-3 For Simultaneous											
Left cheek	802.11n HT20	149/5745	99.64%	1.004	0.593	0.11	18.03	16.00	0.627	0.373	22.7
Left tilted	802.11n HT20	149/5745	99.64%	1.004	0.496	0.10	18.03	16.00	0.627	0.312	22.7
Right cheek	802.11n HT20	149/5745	99.64%	1.004	0.516	-0.16	18.03	16.00	0.627	0.325	22.7
Right tilted	802.11n HT20	149/5745	99.64%	1.004	0.416	0.03	18.03	16.00	0.627	0.262	22.7
Body worn Test data of U-NII-2A (Separate 5mm)											
Front side	802.11n HT20	52/5260	99.64%	1.004	0.932	0.09	17.36	18.00	1.159	1.085	22.7
Back side	802.11n HT20	52/5260	99.64%	1.004	0.138	0.05	17.36	18.00	1.159	0.161	22.7
Body worn Test data of U-NII-2C (Separate 5mm)											
Front side	802.11n HT20	140/5700	99.64%	1.004	0.545	-0.01	17.22	18.00	1.197	0.655	22.7
Back side	802.11n HT20	140/5700	99.64%	1.004	0.093	0.02	17.22	18.00	1.197	0.112	22.7
Body worn Test data of U-NII-3 (Separate 5mm)											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.369	-0.08	18.03	19.00	1.250	0.463	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.103	-0.06	18.03	19.00	1.250	0.129	22.7
Body worn Evaluate data of U-NII-2A (Separate 5mm) For Simultaneous											
Front side	802.11n HT20	52/5260	99.64%	1.004	0.932	0.09	17.36	13.50	0.411	0.385	22.7
Back side	802.11n HT20	52/5260	99.64%	1.004	0.138	0.05	17.36	13.50	0.411	0.057	22.7
Body worn Evaluate data of U-NII-2C (Separate 5mm) For Simultaneous											
Front side	802.11n HT20	140/5700	99.64%	1.004	0.545	-0.01	17.22	15.50	0.673	0.368	22.7

Back side	802.11n HT20	140/5700	99.64%	1.004	0.093	0.02	17.22	15.50	0.673	0.063	22.7
Body worn Evaluate data of U-NII-3 (Separate 5mm) For Simultaneous											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.369	-0.08	18.03	17.00	0.789	0.292	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.103	-0.06	18.03	17.00	0.789	0.082	22.7
Hotspot Test data of U-NII-1 (Separate 10mm)											
Front side	802.11n HT20	36/5180	99.64%	1.004	0.577	0.00	17.20	18.00	1.202	0.696	22.7
Back side	802.11n HT20	36/5180	99.64%	1.004	0.069	0.04	17.20	18.00	1.202	0.083	22.7
Left side	802.11n HT20	36/5180	99.64%	1.004	0.065	-0.03	17.20	18.00	1.202	0.078	22.7
Right side	802.11n HT20	36/5180	99.64%	1.004	0.050	0.02	17.20	18.00	1.202	0.060	22.7
Top side	802.11n HT20	36/5180	99.64%	1.004	0.274	0.08	17.20	18.00	1.202	0.331	22.7
Hotspot Test data of U-NII-3 (Separate 10mm)											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.210	0.06	18.03	19.00	1.250	0.264	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.060	-0.07	18.03	19.00	1.250	0.075	22.7
Left side	802.11n HT20	149/5745	99.64%	1.004	0.061	-0.14	18.03	19.00	1.250	0.077	22.7
Right side	802.11n HT20	149/5745	99.64%	1.004	0.043	-0.11	18.03	19.00	1.250	0.054	22.7
Top side	802.11n HT20	149/5745	99.64%	1.004	0.148	0.02	18.03	19.00	1.250	0.186	22.7
Hotspot Evaluate data of U-NII-1 (Separate 10mm) For Simultaneous											
Front side	802.11n HT20	36/5180	99.64%	1.004	0.577	0.00	17.20	15.50	0.676	0.392	22.7
Back side	802.11n HT20	36/5180	99.64%	1.004	0.069	0.04	17.20	15.50	0.676	0.047	22.7
Left side	802.11n HT20	36/5180	99.64%	1.004	0.065	-0.03	17.20	15.50	0.676	0.044	22.7
Right side	802.11n HT20	36/5180	99.64%	1.004	0.050	0.02	17.20	15.50	0.676	0.034	22.7
Top side	802.11n HT20	36/5180	99.64%	1.004	0.274	0.08	17.20	15.50	0.676	0.186	22.7
Hotspot Evaluate data of U-NII-3 (Separate 10mm) For Simultaneous											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.210	0.06	18.03	17.50	0.885	0.187	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.060	-0.07	18.03	17.50	0.885	0.053	22.7
Left side	802.11n HT20	149/5745	99.64%	1.004	0.061	-0.14	18.03	17.50	0.885	0.054	22.7
Right side	802.11n HT20	149/5745	99.64%	1.004	0.043	-0.11	18.03	17.50	0.885	0.038	22.7
Top side	802.11n HT20	149/5745	99.64%	1.004	0.148	0.02	18.03	17.50	0.885	0.132	22.7
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	802.11n HT20	52/5260	99.64%	1.004	0.400	0.03	17.36	18.00	1.159	0.465	22.7
Back side	802.11n HT20	52/5260	99.64%	1.004	0.092	-0.05	17.36	18.00	1.159	0.107	22.7
Left side	802.11n HT20	52/5260	99.64%	1.004	0.037	-0.06	17.36	18.00	1.159	0.043	22.7
Right side	802.11n HT20	52/5260	99.64%	1.004	0.000	0.07	17.36	18.00	1.159	0.000	22.7
Top side	802.11n HT20	52/5260	99.64%	1.004	0.098	0.09	17.36	18.00	1.159	0.114	22.7
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm)											
Front side	802.11n HT20	140/5700	99.64%	1.004	0.345	-0.10	17.22	18.00	1.197	0.415	22.7
Back side	802.11n HT20	140/5700	99.64%	1.004	0.119	0.06	17.22	18.00	1.197	0.143	22.7
Left side	802.11n HT20	140/5700	99.64%	1.004	0.071	0.01	17.22	18.00	1.197	0.085	22.7
Right side	802.11n HT20	140/5700	99.64%	1.004	0.047	-0.05	17.22	18.00	1.197	0.056	22.7
Top side	802.11n HT20	140/5700	99.64%	1.004	0.087	-0.16	17.22	18.00	1.197	0.105	22.7
Ant7 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)
Receiver on Head Test Data of U-NII-2A											
Left cheek	802.11a	52/5260	99.64%	1.004	0.154	0.03	13.67	14.50	1.211	0.187	22.7
Left tilted	802.11a	52/5260	99.64%	1.004	0.050	0.07	13.67	14.50	1.211	0.061	22.7
Right cheek	802.11a	52/5260	99.64%	1.004	0.135	-0.05	13.67	14.50	1.211	0.164	22.7

Right tilted	802.11a	52/5260	99.64%	1.004	0.043	0.03	13.67	14.50	1.211	0.052	22.7
Head Test Data of U-NII-2C											
Left cheek	802.11a	116/5580	99.64%	1.004	0.118	-0.14	17.16	18.00	1.213	0.144	22.7
Left tilted	802.11a	116/5580	99.64%	1.004	0.036	0.10	17.16	18.00	1.213	0.044	22.7
Right cheek	802.11a	116/5580	99.64%	1.004	0.083	-0.08	17.16	18.00	1.213	0.101	22.7
Right tilted	802.11a	116/5580	99.64%	1.004	0.048	-0.06	17.16	18.00	1.213	0.058	22.7
Head Test Data of U-NII-3											
Left cheek	802.11a	149/5745	99.64%	1.004	0.186	-0.17	17.04	18.00	1.247	0.233	22.7
Left tilted	802.11a	149/5745	99.64%	1.004	0.091	0.02	17.04	18.00	1.247	0.114	22.7
Right cheek	802.11a	149/5745	99.64%	1.004	0.089	0.09	17.04	18.00	1.247	0.111	22.7
Right tilted	802.11a	149/5745	99.64%	1.004	0.062	-0.10	17.04	18.00	1.247	0.078	22.7
Receiver on Head Evaluate Data of U-NII-2A For Simultaneous											
Left cheek	802.11a	52/5260	99.64%	1.004	0.154	0.03	13.67	10.50	0.482	0.075	22.7
Left tilted	802.11a	52/5260	99.64%	1.004	0.050	0.07	13.67	10.50	0.482	0.024	22.7
Right cheek	802.11a	52/5260	99.64%	1.004	0.135	-0.05	13.67	10.50	0.482	0.065	22.7
Right tilted	802.11a	52/5260	99.64%	1.004	0.043	0.03	13.67	10.50	0.482	0.021	22.7
Head Evaluate Data of U-NII-2C For Simultaneous											
Left cheek	802.11a	116/5580	99.64%	1.004	0.118	-0.14	17.16	14.00	0.483	0.057	22.7
Left tilted	802.11a	116/5580	99.64%	1.004	0.036	0.10	17.16	14.00	0.483	0.017	22.7
Right cheek	802.11a	116/5580	99.64%	1.004	0.083	-0.08	17.16	14.00	0.483	0.040	22.7
Right tilted	802.11a	116/5580	99.64%	1.004	0.048	-0.06	17.16	14.00	0.483	0.023	22.7
Head Evaluate Data of U-NII-3 For Simultaneous											
Left cheek	802.11a	149/5745	99.64%	1.004	0.186	-0.17	17.04	15.00	0.625	0.117	22.7
Left tilted	802.11a	149/5745	99.64%	1.004	0.091	0.02	17.04	15.00	0.625	0.057	22.7
Right cheek	802.11a	149/5745	99.64%	1.004	0.089	0.09	17.04	15.00	0.625	0.056	22.7
Right tilted	802.11a	149/5745	99.64%	1.004	0.062	-0.10	17.04	15.00	0.625	0.039	22.7
Body worn Test data of U-NII-2A (Separate 5mm)											
Front side	802.11a	52/5260	99.64%	1.004	0.269	0.03	16.24	17.00	1.191	0.322	22.7
Back side	802.11a	52/5260	99.64%	1.004	0.127	0.01	16.24	17.00	1.191	0.152	22.7
Body worn Test data of U-NII-2C (Separate 5mm)											
Front side	802.11a	116/5580	99.64%	1.004	0.146	0.08	17.16	18.00	1.213	0.178	22.7
Back side	802.11a	116/5580	99.64%	1.004	0.087	-0.05	17.16	18.00	1.213	0.106	22.7
Body worn Test data of U-NII-3 (Separate 5mm)											
Front side	802.11a	149/5745	99.64%	1.004	0.500	0.06	17.04	18.00	1.247	0.626	22.7
Back side	802.11a	149/5745	99.64%	1.004	0.244	-0.07	17.04	18.00	1.247	0.305	22.7
Body worn Evaluate data of U-NII-2A (Separate 5mm) For Simultaneous											
Front side	802.11a	52/5260	99.64%	1.004	0.269	0.03	16.24	12.50	0.423	0.114	22.7
Back side	802.11a	52/5260	99.64%	1.004	0.127	0.01	16.24	12.50	0.423	0.054	22.7
Body worn Evaluate data of U-NII-2C (Separate 5mm) For Simultaneous											
Front side	802.11a	116/5580	99.64%	1.004	0.146	0.08	17.16	15.50	0.682	0.100	22.7
Back side	802.11a	116/5580	99.64%	1.004	0.087	-0.05	17.16	15.50	0.682	0.060	22.7
Body worn Evaluate data of U-NII-3 (Separate 5mm) For Simultaneous											
Front side	802.11a	149/5745	99.64%	1.004	0.500	0.06	17.04	16.00	0.787	0.395	22.7
Back side	802.11a	149/5745	99.64%	1.004	0.244	-0.07	17.04	16.00	0.787	0.193	22.7
Hotspot Test data of U-NII-1 (Separate 10mm)											
Front side	802.11a	36/5180	99.64%	1.004	0.206	0.06	16.32	17.00	1.169	0.242	22.7
Back side	802.11a	36/5180	99.64%	1.004	0.069	0.09	16.32	17.00	1.169	0.081	22.7
Left side	802.11a	36/5180	99.64%	1.004	0.245	-0.02	16.32	17.00	1.169	0.288	22.7
Right side	802.11a	36/5180	99.64%	1.004	0.064	-0.07	16.32	17.00	1.169	0.075	22.7
Bottom side	802.11a	36/5180	99.64%	1.004	0.155	-0.14	16.32	17.00	1.169	0.182	22.7
Hotspot Test data of U-NII-3 (Separate 10mm)											

Front side	802.11a	149/5745	99.64%	1.004	0.353	0.03	17.04	18.00	1.247	0.442	22.7
Back side	802.11a	149/5745	99.64%	1.004	0.136	0.05	17.04	18.00	1.247	0.170	22.7
Left side	802.11a	149/5745	99.64%	1.004	0.431	-0.07	17.04	18.00	1.247	0.540	22.7
Right side	802.11a	149/5745	99.64%	1.004	0.068	0.08	17.04	18.00	1.247	0.085	22.7
Bottom side	802.11a	149/5745	99.64%	1.004	0.299	0.13	17.04	18.00	1.247	0.374	22.7
Hotspot Evaluate data of U-NII-1 (Separate 10mm) For Simultaneous											
Front side	802.11a	36/5180	99.64%	1.004	0.206	0.06	16.32	14.50	0.658	0.136	22.7
Back side	802.11a	36/5180	99.64%	1.004	0.069	0.09	16.32	14.50	0.658	0.046	22.7
Left side	802.11a	36/5180	99.64%	1.004	0.245	-0.02	16.32	14.50	0.658	0.162	22.7
Right side	802.11a	36/5180	99.64%	1.004	0.064	-0.07	16.32	14.50	0.658	0.042	22.7
Bottom side	802.11a	36/5180	99.64%	1.004	0.155	-0.14	16.32	14.50	0.658	0.102	22.7
Hotspot Evaluate data of U-NII-3 (Separate 10mm) For Simultaneous											
Front side	802.11a	149/5745	99.64%	1.004	0.353	0.03	17.04	16.50	0.883	0.313	22.7
Back side	802.11a	149/5745	99.64%	1.004	0.136	0.05	17.04	16.50	0.883	0.121	22.7
Left side	802.11a	149/5745	99.64%	1.004	0.431	-0.07	17.04	16.50	0.883	0.382	22.7
Right side	802.11a	149/5745	99.64%	1.004	0.068	0.08	17.04	16.50	0.883	0.060	22.7
Bottom side	802.11a	149/5745	99.64%	1.004	0.299	0.13	17.04	16.50	0.883	0.265	22.7
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	52/5260	99.64%	1.004	0.226	-0.06	16.24	17.00	1.191	0.270	22.7
Back side	802.11a	52/5260	99.64%	1.004	0.068	0.04	16.24	17.00	1.191	0.081	22.7
Left side	802.11a	52/5260	99.64%	1.004	0.435	-0.02	16.24	17.00	1.191	0.520	22.7
Right side	802.11a	52/5260	99.64%	1.004	0.040	0.04	16.24	17.00	1.191	0.048	22.7
Bottom side	802.11a	52/5260	99.64%	1.004	0.284	-0.06	16.24	17.00	1.191	0.340	22.7
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm)											
Front side	802.11a	116/5580	99.64%	1.004	0.111	0.14	17.16	18.00	1.213	0.135	22.7
Back side	802.11a	116/5580	99.64%	1.004	0.097	0.06	17.16	18.00	1.213	0.118	22.7
Left side	802.11a	116/5580	99.64%	1.004	0.221	-0.08	17.16	18.00	1.213	0.269	22.7
Right side	802.11a	116/5580	99.64%	1.004	0.033	0.05	17.16	18.00	1.213	0.040	22.7
Bottom side	802.11a	116/5580	99.64%	1.004	0.146	-0.15	17.16	18.00	1.213	0.178	22.7
MIMO Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Receiver on Head Test Data of U-NII-2A											
Left cheek	802.11n HT20	52/5260	99.64%	1.004	0.727	-0.06	17.60	18.50	1.231	0.899	22.7
Left tilted	802.11n HT20	52/5260	99.64%	1.004	0.743	0.04	17.60	18.50	1.231	0.918	22.7
Right cheek	802.11n HT20	52/5260	99.64%	1.004	0.654	0.02	17.60	18.50	1.231	0.808	22.7
Right tilted	802.11n HT20	52/5260	99.64%	1.004	0.635	0.01	17.60	18.50	1.231	0.785	22.7
Head Test Data of U-NII-2C											
Left cheek	802.11n HT20	140/5700	99.64%	1.004	0.618	-0.07	20.42	21.00	1.143	0.709	22.7
Left tilted	802.11n HT20	140/5700	99.64%	1.004	0.632	0.06	20.42	21.00	1.143	0.725	22.7
Right cheek	802.11n HT20	140/5700	99.64%	1.004	0.556	0.03	20.42	21.00	1.143	0.638	22.7
Right tilted	802.11n HT20	140/5700	99.64%	1.004	0.540	-0.05	20.42	21.00	1.143	0.620	22.7
Head Test Data of U-NII-3											
Left cheek	802.11n HT20	149/5745	99.64%	1.004	0.573	0.07	20.79	22.00	1.321	0.760	22.7
Left tilted	802.11n HT20	149/5745	99.64%	1.004	0.586	-0.03	20.79	22.00	1.321	0.777	22.7
Right cheek	802.11n HT20	149/5745	99.64%	1.004	0.516	0.04	20.79	22.00	1.321	0.684	22.7
Right tilted	802.11n HT20	149/5745	99.64%	1.004	0.501	-0.15	20.79	22.00	1.321	0.664	22.7

Receiver on Head Evaluate Data of U-NII-2A For Simultaneous											
Left cheek	802.11n HT20	52/5260	99.64%	1.004	0.727	-0.06	17.60	14.50	0.490	0.358	22.7
Left tilted	802.11n HT20	52/5260	99.64%	1.004	0.743	0.04	17.60	14.50	0.490	0.366	22.7
Right cheek	802.11n HT20	52/5260	99.64%	1.004	0.654	0.02	17.60	14.50	0.490	0.322	22.7
Right tilted	802.11n HT20	52/5260	99.64%	1.004	0.635	0.01	17.60	14.50	0.490	0.312	22.7
Head Evaluate Evaluate of U-NII-2C For Simultaneous											
Left cheek	802.11n HT20	140/5700	99.64%	1.004	0.618	-0.07	20.42	17.00	0.455	0.282	22.7
Left tilted	802.11n HT20	140/5700	99.64%	1.004	0.632	0.06	20.42	17.00	0.455	0.289	22.7
Right cheek	802.11n HT20	140/5700	99.64%	1.004	0.556	0.03	20.42	17.00	0.455	0.254	22.7
Right tilted	802.11n HT20	140/5700	99.64%	1.004	0.540	-0.05	20.42	17.00	0.455	0.247	22.7
Head Evaluate Evaluate of U-NII-3 For Simultaneous											
Left cheek	802.11n HT20	149/5745	99.64%	1.004	0.573	0.07	20.79	19.00	0.662	0.381	22.7
Left tilted	802.11n HT20	149/5745	99.64%	1.004	0.586	-0.03	20.79	19.00	0.662	0.389	22.7
Right cheek	802.11n HT20	149/5745	99.64%	1.004	0.516	0.04	20.79	19.00	0.662	0.343	22.7
Right tilted	802.11n HT20	149/5745	99.64%	1.004	0.501	-0.15	20.79	19.00	0.662	0.333	22.7
Body worn Test data of U-NII-2A (Separate 5mm)											
Front side	802.11n HT20	52/5260	99.64%	1.004	0.825	0.13	20.14	21.00	1.220	1.011	22.7
Back side	802.11n HT20	52/5260	99.64%	1.004	0.163	-0.11	20.14	21.00	1.220	0.200	22.7
Body worn Test data of U-NII-2C (Separate 5mm)											
Front side	802.11n HT20	140/5700	99.64%	1.004	0.516	0.06	20.42	21.00	1.143	0.592	22.7
Back side	802.11n HT20	140/5700	99.64%	1.004	0.102	-0.07	20.42	21.00	1.143	0.117	22.7
Body worn Test data of U-NII-3 (Separate 5mm)											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.479	0.05	20.79	22.00	1.321	0.635	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.095	-0.14	20.79	22.00	1.321	0.126	22.7
Body worn Evaluate data of U-NII-2A (Separate 5mm) For Simultaneous											
Front side	802.11n HT20	52/5260	99.64%	1.004	0.825	0.13	20.14	16.50	0.433	0.359	22.7
Back side	802.11n HT20	52/5260	99.64%	1.004	0.163	-0.11	20.14	16.50	0.433	0.071	22.7
Body worn Evaluate data of U-NII-2C (Separate 5mm) For Simultaneous											
Front side	802.11n HT20	140/5700	99.64%	1.004	0.516	0.06	20.42	18.50	0.643	0.333	22.7
Back side	802.11n HT20	140/5700	99.64%	1.004	0.102	-0.07	20.42	18.50	0.643	0.066	22.7
Body worn Evaluate data of U-NII-3 (Separate 5mm) For Simultaneous											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.479	0.05	20.79	20.00	0.834	0.401	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.095	-0.14	20.79	20.00	0.834	0.080	22.7
Hotspot Test data of U-NII-1 (Separate 10mm)											
Front side	802.11n HT20	36/5180	99.64%	1.004	0.399	-0.16	19.99	21.00	1.262	0.506	22.7
Back side	802.11n HT20	36/5180	99.64%	1.004	0.000	-0.05	19.99	21.00	1.262	0.000	22.7
Left side	802.11n HT20	36/5180	99.64%	1.004	0.199	0.04	19.99	21.00	1.262	0.252	22.7
Right side	802.11n HT20	36/5180	99.64%	1.004	0.000	-0.10	19.99	21.00	1.262	0.000	22.7
Top side	802.11n HT20	36/5180	99.64%	1.004	0.180	-0.09	19.99	21.00	1.262	0.228	22.7
Bottom side	802.11n HT20	36/5180	99.64%	1.004	0.102	0.02	19.99	21.00	1.262	0.129	22.7
Hotspot Test data of U-NII-3 (Separate 10mm)											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.352	0.15	20.79	22.00	1.321	0.467	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.085	-0.11	20.79	22.00	1.321	0.113	22.7
Left side	802.11n HT20	149/5745	99.64%	1.004	0.175	-0.08	20.79	22.00	1.321	0.232	22.7
Right side	802.11n HT20	149/5745	99.64%	1.004	0.000	0.10	20.79	22.00	1.321	0.000	22.7
Top side	802.11n HT20	149/5745	99.64%	1.004	0.174	-0.05	20.79	22.00	1.321	0.231	22.7
Bottom side	802.11n HT20	149/5745	99.64%	1.004	0.113	-0.05	20.79	22.00	1.321	0.150	22.7
Hotspot Evaluate data of U-NII-1 (Separate 10mm) For Simultaneous											
Front side	802.11n HT20	36/5180	99.64%	1.004	0.399	-0.16	19.99	18.50	0.710	0.284	22.7
Back side	802.11n HT20	36/5180	99.64%	1.004	0.000	-0.05	19.99	18.50	0.710	0.000	22.7
Left side	802.11n HT20	36/5180	99.64%	1.004	0.199	0.04	19.99	18.50	0.710	0.142	22.7

Right side	802.11n HT20	36/5180	99.64%	1.004	0.000	-0.10	19.99	18.50	0.710	0.000	22.7
Top side	802.11n HT20	36/5180	99.64%	1.004	0.180	-0.09	19.99	18.50	0.710	0.128	22.7
Bottom side	802.11n HT20	36/5180	99.64%	1.004	0.102	0.02	19.99	18.50	0.710	0.073	22.7
Hotspot Evaluate data of U-NII-3 (Separate 10mm) For Simultaneous											
Front side	802.11n HT20	149/5745	99.64%	1.004	0.352	0.15	20.79	20.50	0.935	0.330	22.7
Back side	802.11n HT20	149/5745	99.64%	1.004	0.085	-0.11	20.79	20.50	0.935	0.080	22.7
Left side	802.11n HT20	149/5745	99.64%	1.004	0.175	-0.08	20.79	20.50	0.935	0.164	22.7
Right side	802.11n HT20	149/5745	99.64%	1.004	0.000	0.10	20.79	20.50	0.935	0.000	22.7
Top side	802.11n HT20	149/5745	99.64%	1.004	0.174	-0.05	20.79	20.50	0.935	0.163	22.7
Bottom side	802.11n HT20	149/5745	99.64%	1.004	0.113	-0.05	20.79	20.50	0.935	0.106	22.7
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	802.11n HT20	52/5260	99.64%	1.004	0.455	0.01	20.14	21.00	1.220	0.557	22.7
Back side	802.11n HT20	52/5260	99.64%	1.004	0.037	-0.16	20.14	21.00	1.220	0.045	22.7
Left side	802.11n HT20	52/5260	99.64%	1.004	0.556	0.05	20.14	21.00	1.220	0.681	22.7
Right side	802.11n HT20	52/5260	99.64%	1.004	0.044	0.01	20.14	21.00	1.220	0.054	22.7
Top side	802.11n HT20	52/5260	99.64%	1.004	0.127	0.08	20.14	21.00	1.220	0.156	22.7
Bottom side	802.11n HT20	52/5260	99.64%	1.004	0.310	-0.01	20.14	21.00	1.220	0.380	22.7
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm)											
Front side	802.11n HT20	140/5700	99.64%	1.004	0.404	-0.13	20.42	21.00	1.143	0.464	22.7
Back side	802.11n HT20	140/5700	99.64%	1.004	0.025	0.04	20.42	21.00	1.143	0.029	22.7
Left side	802.11n HT20	140/5700	99.64%	1.004	0.484	0.08	20.42	21.00	1.143	0.555	22.7
Right side	802.11n HT20	140/5700	99.64%	1.004	0.026	0.09	20.42	21.00	1.143	0.030	22.7
Top side	802.11n HT20	140/5700	99.64%	1.004	0.106	-0.02	20.42	21.00	1.143	0.122	22.7
Bottom side	802.11n HT20	140/5700	99.64%	1.004	0.294	0.06	20.42	21.00	1.143	0.337	22.7

(for original report SUCR251000102603)

11.3.26 SAR Result of WIFI 6E

Wi-Fi 6E SAR Test Record											
Ant6 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-5											
Left cheek	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.03	7.09	8.00	1.233	0.000	22.7
Left tilted	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.01	7.09	8.00	1.233	0.000	22.7
Right cheek	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.04	7.09	8.00	1.233	0.000	22.7
Right tilted	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.13	7.09	8.00	1.233	0.000	22.7
Head Test Data of U-NII-6											
Left cheek	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.09	8.19	9.00	1.205	0.000	22.7
Left tilted	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.09	8.19	9.00	1.205	0.000	22.7
Right cheek	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.08	8.19	9.00	1.205	0.000	22.7
Right tilted	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.04	8.19	9.00	1.205	0.000	22.7
Head Test Data of U-NII-7											
Left cheek	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.01	7.58	8.50	1.236	0.000	22.7
Left tilted	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.02	7.58	8.50	1.236	0.000	22.7
Right cheek	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.16	7.58	8.50	1.236	0.000	22.7
Right tilted	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.09	7.58	8.50	1.236	0.000	22.7
Head Test Data of U-NII-8											
Left cheek	802.11ax (HEW160)	207/6985	99.65%	1.004	0.054	0.05	7.45	8.50	1.274	0.069	22.7
Left tilted	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.08	7.45	8.50	1.274	0.000	22.7
Right cheek	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.17	7.45	8.50	1.274	0.000	22.7
Right tilted	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.18	7.45	8.50	1.274	0.000	22.7
Body worn Test data of U-NII-5 (Separate 5mm)											
Front side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.02	7.09	8.00	1.233	0.000	22.7
Back side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.11	7.09	8.00	1.233	0.000	22.7
Body worn Test data of U-NII-6 (Separate 5mm)											
Front side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.03	8.19	9.00	1.205	0.000	22.7
Back side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.14	8.19	9.00	1.205	0.000	22.7
Body worn Test data of U-NII-7 (Separate 5mm)											
Front side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.06	7.58	8.50	1.236	0.000	22.7
Back side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.07	7.58	8.50	1.236	0.000	22.7
Body worn Test data of U-NII-8 (Separate 5mm)											
Front side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.08	7.45	8.50	1.274	0.000	22.7
Back side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.15	7.45	8.50	1.274	0.000	22.7
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-5(Separate 0mm)											
Front side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.013	-0.08	7.09	8.00	1.233	0.016	22.7
Back side	802.11ax	47/6185	99.65%	1.004	0.000	0.12	7.09	8.00	1.233	0.000	22.7

	(HEW160)										
Left side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.04	7.09	8.00	1.233	0.000	22.7
Right side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.04	7.09	8.00	1.233	0.000	22.7
Top side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.01	7.09	8.00	1.233	0.000	22.7
Product specific 10gSAR Test data of U-NII-6 (Separate 0mm)											
Front side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.012	0.03	8.19	9.00	1.205	0.015	22.7
Back side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.15	8.19	9.00	1.205	0.000	22.7
Left side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.06	8.19	9.00	1.205	0.000	22.7
Right side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.07	8.19	9.00	1.205	0.000	22.7
Top side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.14	8.19	9.00	1.205	0.000	22.7
Product specific 10gSAR Test data of U-NII-7 (Separate 0mm)											
Front side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.01	7.58	8.50	1.236	0.000	22.7
Back side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.08	7.58	8.50	1.236	0.000	22.7
Left side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.06	7.58	8.50	1.236	0.000	22.7
Right side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.19	7.58	8.50	1.236	0.000	22.7
Top side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.02	7.58	8.50	1.236	0.000	22.7
Product specific 10gSAR Test data of U-NII-8 (Separate 0mm)											
Front side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.024	0.06	7.45	8.50	1.274	0.031	22.7
Back side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.05	7.45	8.50	1.274	0.000	22.7
Left side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.11	7.45	8.50	1.274	0.000	22.7
Right side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.18	7.45	8.50	1.274	0.000	22.7
Top side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.06	7.45	8.50	1.274	0.000	22.7
Ant7 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-5											
Left cheek	802.11ax (HEW160)	47/6185	99.65%	1.004	0.070	0.03	9.92	11.00	1.282	0.090	22.7
Left tilted	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.05	9.92	11.00	1.282	0.000	22.7
Right cheek	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.06	9.92	11.00	1.282	0.000	22.7
Right tilted	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.07	9.92	11.00	1.282	0.000	22.7
Head Test Data of U-NII-6											
Left cheek	802.11ax (HEW160)	111/6505	99.65%	1.004	0.067	0.06	10.05	11.00	1.245	0.084	22.7
Left tilted	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.05	10.05	11.00	1.245	0.000	22.7
Right cheek	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.08	10.05	11.00	1.245	0.000	22.7
Right tilted	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.03	10.05	11.00	1.245	0.000	22.7
Head Test Data of U-NII-7											
Left cheek	802.11ax (HEW160)	143/6665	99.65%	1.004	0.075	-0.07	9.70	10.50	1.202	0.091	22.7
Left tilted	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.06	9.70	10.50	1.202	0.000	22.7
Right cheek	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.05	9.70	10.50	1.202	0.000	22.7
Right tilted	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.01	9.70	10.50	1.202	0.000	22.7

Head Test Data of U-NII-8											
Left cheek	802.11ax (HEW160)	207/6985	99.65%	1.004	0.083	0.03	9.18	10.00	1.208	0.101	22.7
Left tilted	802.11ax (HEW160)	207/6985	99.65%	1.004	0.014	0.01	9.18	10.00	1.208	0.017	22.7
Right cheek	802.11ax (HEW160)	207/6985	99.65%	1.004	0.019	-0.05	9.18	10.00	1.208	0.023	22.7
Right tilted	802.11ax (HEW160)	207/6985	99.65%	1.004	0.032	-0.03	9.18	10.00	1.208	0.039	22.7
Body worn Test data of U-NII-5 (Separate 5mm)											
Front side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.095	-0.12	9.92	11.00	1.282	0.122	22.7
Back side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.02	9.92	11.00	1.282	0.000	22.7
Body worn Test data of U-NII-6 (Separate 5mm)											
Front side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.081	0.06	10.05	11.00	1.245	0.101	22.7
Back side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.08	10.05	11.00	1.245	0.000	22.7
Body worn Test data of U-NII-7 (Separate 5mm)											
Front side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.112	0.06	9.70	10.50	1.202	0.135	22.7
Back side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.02	9.70	10.50	1.202	0.000	22.7
Body worn Test data of U-NII-8 (Separate 5mm)											
Front side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.154	-0.07	9.18	10.00	1.208	0.187	22.7
Back side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.02	9.18	10.00	1.208	0.000	22.7
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-5 (Separate 0mm)											
Front side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.051	0.14	9.92	11.00	1.282	0.066	22.7
Back side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.18	9.92	11.00	1.282	0.000	22.7
Left side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.086	-0.17	9.92	11.00	1.282	0.111	22.7
Right side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.16	9.92	11.00	1.282	0.000	22.7
Top side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.03	9.92	11.00	1.282	0.000	22.7
Bottom side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.070	0.01	9.92	11.00	1.282	0.090	22.7
Product specific 10gSAR Test data of U-NII-6 (Separate 0mm)											
Front side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.049	0.03	10.05	11.00	1.245	0.061	22.7
Back side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.13	10.05	11.00	1.245	0.000	22.7
Left side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.075	-0.08	10.05	11.00	1.245	0.094	22.7
Right side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.08	10.05	11.00	1.245	0.000	22.7
Top side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.09	10.05	11.00	1.245	0.000	22.7
Bottom side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.062	-0.13	10.05	11.00	1.245	0.077	22.7
Product specific 10gSAR Test data of U-NII-7 (Separate 0mm)											
Front side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.066	-0.03	9.70	10.50	1.202	0.080	22.7
Back side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.03	9.70	10.50	1.202	0.000	22.7
Left side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.092	0.14	9.70	10.50	1.202	0.111	22.7
Right side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.09	9.70	10.50	1.202	0.000	22.7
Top side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.08	9.70	10.50	1.202	0.000	22.7
Bottom side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.071	0.14	9.70	10.50	1.202	0.086	22.7

Product specific 10gSAR Test data of U-NII-8 (Separate 0mm)											
Front side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.094	0.04	9.18	10.00	1.208	0.114	22.7
Back side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.08	9.18	10.00	1.208	0.000	22.7
Left side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.114	0.09	9.18	10.00	1.208	0.138	22.7
Right side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.17	9.18	10.00	1.208	0.000	22.7
Top side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.01	9.18	10.00	1.208	0.000	22.7
Bottom side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.089	0.09	9.18	10.00	1.208	0.108	22.7
MIMO Test Record											
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Head Test Data of U-NII-5											
Left cheek	802.11ax (HEW160)	47/6185	99.65%	1.004	0.060	0.11	11.74	12.50	1.191	0.072	22.7
Left tilted	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.18	11.74	12.50	1.191	0.000	22.7
Right cheek	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.12	11.74	12.50	1.191	0.000	22.7
Right tilted	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.19	11.74	12.50	1.191	0.000	22.7
Head Test Data of U-NII-6											
Left cheek	802.11ax (HEW160)	111/6505	99.65%	1.004	0.052	-0.14	12.23	14.00	1.503	0.078	22.7
Left tilted	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.08	12.23	14.00	1.503	0.000	22.7
Right cheek	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.01	12.23	14.00	1.503	0.000	22.7
Right tilted	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.14	12.23	14.00	1.503	0.000	22.7
Head Test Data of U-NII-7											
Left cheek	802.11ax (HEW160)	143/6665	99.65%	1.004	0.060	0.01	11.78	13.50	1.486	0.090	22.7
Left tilted	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.04	11.78	13.50	1.486	0.000	22.7
Right cheek	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.19	11.78	13.50	1.486	0.000	22.7
Right tilted	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.14	11.78	13.50	1.486	0.000	22.7
Head Test Data of U-NII-8											
Left cheek	802.11ax (HEW160)	207/6985	99.65%	1.004	0.080	-0.10	11.41	13.00	1.442	0.116	22.7
Left tilted	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.07	11.41	13.00	1.442	0.000	22.7
Right cheek	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.01	11.41	13.00	1.442	0.000	22.7
Right tilted	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.03	11.41	13.00	1.442	0.000	22.7
Body worn Test data of U-NII-5 (Separate 5mm)											
Front side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.088	-0.03	11.74	12.50	1.191	0.105	22.7
Back side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	0.05	11.74	12.50	1.191	0.000	22.7
Body worn Test data of U-NII-6 (Separate 5mm)											
Front side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.080	-0.04	12.23	14.00	1.503	0.121	22.7
Back side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.06	12.23	14.00	1.503	0.000	22.7
Body worn Test data of U-NII-7 (Separate 5mm)											
Front side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.098	-0.03	11.78	13.50	1.486	0.146	22.7
Back side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.07	11.78	13.50	1.486	0.000	22.7
Body worn Test data of U-NII-8 (Separate 5mm)											
Front side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.165	0.08	11.41	13.00	1.442	0.239	22.7

Back side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.01	11.41	13.00	1.442	0.000	22.7
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-5 (Separate 0mm)											
Front side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.048	0.06	11.74	12.50	1.191	0.057	22.7
Back side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.19	11.74	12.50	1.191	0.000	22.7
Left side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.074	-0.19	11.74	12.50	1.191	0.088	22.7
Right side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.07	11.74	12.50	1.191	0.000	22.7
Top side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.000	-0.15	11.74	12.50	1.191	0.000	22.7
Bottom side	802.11ax (HEW160)	47/6185	99.65%	1.004	0.055	-0.15	11.74	12.50	1.191	0.066	22.7
Product specific 10gSAR Test data of U-NII-6 (Separate 0mm)											
Front side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.042	0.15	12.23	14.00	1.503	0.063	22.7
Back side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.02	12.23	14.00	1.503	0.000	22.7
Left side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.060	-0.16	12.23	14.00	1.503	0.091	22.7
Right side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	-0.15	12.23	14.00	1.503	0.000	22.7
Top side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.000	0.03	12.23	14.00	1.503	0.000	22.7
Bottom side	802.11ax (HEW160)	111/6505	99.65%	1.004	0.048	0.03	12.23	14.00	1.503	0.072	22.7
Product specific 10gSAR Test data of U-NII-7 (Separate 0mm)											
Front side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.054	0.01	11.78	13.50	1.486	0.081	22.7
Back side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	0.08	11.78	13.50	1.486	0.000	22.7
Left side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.068	-0.06	11.78	13.50	1.486	0.101	22.7
Right side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.01	11.78	13.50	1.486	0.000	22.7
Top side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.000	-0.01	11.78	13.50	1.486	0.000	22.7
Bottom side	802.11ax (HEW160)	143/6665	99.65%	1.004	0.063	-0.01	11.78	13.50	1.486	0.094	22.7
Product specific 10gSAR Test data of U-NII-8 (Separate 0mm)											
Front side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.096	-0.02	11.41	13.00	1.442	0.139	22.7
Back side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.08	11.41	13.00	1.442	0.000	22.7
Left side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.102	0.13	11.41	13.00	1.442	0.148	22.7
Right side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	0.16	11.41	13.00	1.442	0.000	22.7
Top side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.000	-0.08	11.41	13.00	1.442	0.000	22.7
Bottom side	802.11ax (HEW160)	207/6985	99.65%	1.004	0.051	-0.08	11.41	13.00	1.442	0.074	22.7

(for new report SUCR260300016103)

11.3.27 SAR Result of BT

Bluetooth SAR Test Record											
Ant6 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	39/2441	77.03%	1.298	0.000	0.01	13.88	14.00	1.028	0.000	22.5
Left tilted	DH5	39/2441	77.03%	1.298	0.000	0.01	13.88	14.00	1.028	0.000	22.5
Right cheek	DH5	39/2441	77.03%	1.298	0.058	0.11	13.88	14.00	1.028	0.077	22.5
Right tilted	DH5	39/2441	77.03%	1.298	0.050	-0.02	13.88	14.00	1.028	0.067	22.5
Body worn Test data (Separate 5mm)											
Front side	DH5	39/2441	77.03%	1.298	0.000	0.09	13.88	14.00	1.028	0.000	22.5
Back side	DH5	39/2441	77.03%	1.298	0.087	0.06	13.88	14.00	1.028	0.116	22.5
Hotspot Test data (Separate 10mm)											
Front side	DH5	39/2441	77.03%	1.298	0.000	0.05	13.88	14.00	1.028	0.000	22.5
Back side	DH5	39/2441	77.03%	1.298	0.043	0.04	13.88	14.00	1.028	0.057	22.5
Left side	DH5	39/2441	77.03%	1.298	0.000	-0.04	13.88	14.00	1.028	0.000	22.5
Right side	DH5	39/2441	77.03%	1.298	0.000	0.06	13.88	14.00	1.028	0.000	22.5
Top side	DH5	39/2441	77.03%	1.298	0.032	-0.01	13.88	14.00	1.028	0.043	22.5

(for original report SUCR251000102603)

11.3.28 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	0.00	1.000	0.000	22.8
Back side	NFC	13.56MHz	100.00%	1.000	0.091	-0.09	1.000	0.091	22.8
Left side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.8
Right side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.8
Top side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.8
Bottom side	NFC	13.56MHz	100.00%	1.000	0.000	0.00	1.000	0.000	22.8

(for original report SUCR251000102603)

11.4 Measurement of PD Data

Note:

- 1) The maximum Scaled PD value is marked in bold. Graph results refer to Appendix B.
- 2) Since there is no different PD limit on different exposure conditions, therefore the PD test was performed of a 2mm separation between sensor and EUT surface to cover all exposure conditions of EUT.
- 3) Per equipment manufacturer guidance, power density was measured at $d=2\text{mm}$ and $d=\lambda/5\text{mm}$ using the same grid size and grid step size for some frequencies, surfaces and each antennas. The integrated Power Density (iPD) was calculated based on these measurements. Since iPD ratio between the two distances is $< 1\text{dB}$, the grid step (0.0625) was sufficient for determining compliance at $d=2\text{mm}$.
- 4) According to October 2020 TCB Workshop Interim procedures, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty $> 30\%$. Total expanded uncertainty of 2.67 dB (85%) was used to determine the psPD measurement scaling factor.
- 5) Per October 2020 TCB Workshop Interim procedures, WIFI 6E start instead with a minimum of 5 test channels across the full band.



11.4.1 PD Result of WIFI 6E

Wi-Fi 6E PD Test Record MIMO															
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (A)	Duty Cycle	Duty Cycle Scaled factor	iPDn	iPD ratio	Measured PD 4cm^2 (W/m^2)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaling Factor for measurement uncertainty	Tune up Scaled factor	Scaled PD 4cm^2 (W/m^2)
Power Density Test DATA															
Front side	802.11ax HEW160	111/6505	2	0.0625	99.65%	1.004	/	/	1.900	0.08	12.23	14.00	1.5493	1.503	4.441
Back side	802.11ax HEW160	111/6505	2	0.0625	99.65%	1.004	/	/	0.831	-0.08	12.23	14.00	1.5493	1.503	1.942
Left side	802.11ax HEW160	111/6505	2	0.0625	99.65%	1.004	/	/	0.975	-0.07	12.23	14.00	1.5493	1.503	2.279
Right side	802.11ax HEW160	111/6505	2	0.0625	99.65%	1.004	/	/	0.429	0.01	12.23	14.00	1.5493	1.503	1.003
Top side	802.11ax HEW160	111/6505	2	0.0625	99.65%	1.004	/	/	0.371	-0.01	12.23	14.00	1.5493	1.503	0.867
Bottom side	802.11ax HEW160	111/6505	2	0.0625	99.65%	1.004	/	/	0.296	0.08	12.23	14.00	1.5493	1.503	0.692
Back side	802.11ax HEW160	111/6505	2	0.0625	99.65%	1.004	19.1	0.56	1.920	0.03	12.23	14.00	1.5493	1.503	4.488
Back side	802.11ax HEW160	111/6505	9.2	0.0625	99.65%	1.004	16.8		0.759	-0.06	12.23	14.00	1.5493	1.503	1.774
Back side	802.11ax HEW160	79/6345	2	0.0625	99.65%	1.004	/	/	2.000	-0.05	12.10	13.00	1.5493	1.230	3.826
Back side	802.11ax HEW160	143/6665	2	0.0625	99.65%	1.004	/	/	1.610	-0.03	11.78	13.50	1.5493	1.486	3.721
Back side	802.11ax HEW160	207/6985	2	0.0625	99.65%	1.004	/	/	3.730	0.08	11.41	13.00	1.5493	1.442	8.365
Back side	802.11ax HEW160	47/6185	2	0.0625	99.65%	1.004	/	/	2.360	-0.03	11.74	12.50	1.5493	1.191	4.371

(for new report SUCR260300016103)

11.5 LTE Band 41 Power Class 2 and Power Class 3 Linearity

This device supports Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operations is 50 % using UL-DL configuration 1. Per May 2017 TCB Workshop Notes based on the device behavior, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the highest power and available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR for each exposure condition. The linearity between the Power Class 2 and Power Class 3 SAR results and the respective frame averaged powers was calculated to determine that the results were linear.

Per May 2017 TCB Workshop, no additional SAR measurements were required since the linearity between power classes was < 10% and all reported SAR values were < 1.4 W/kg for 1g and < 3.5 W/kg for 10g.

LTE Band 41 SAR testing with power class 2 at the highest power and available duty factor was additionally performed for the power class 3 configuration with the highest SAR for each exposure condition.

LTE Band 41 PC3&PC2 Ant 0 - Head		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	24.00
Reported 1g SAR (W/kg)	0.810	0.601
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	108.76
Linearity SAR (W/kg)	0.554	
% deviation from expected linearity		8.47%

LTE Band 41 PC3&PC2 Ant 0 - Body worn		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	24.00
Reported 1g SAR (W/kg)	0.519	0.375
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	108.76
Linearity SAR (W/kg)	0.355	
% deviation from expected linearity		5.63%

LTE Band 41 PC3&PC2 Ant 0 - Hotspot		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	24.00
Reported 1g SAR (W/kg)	0.563	0.399
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	108.76
Linearity SAR (W/kg)	0.385	
% deviation from expected linearity		3.60%

LTE Band 41 PC3&PC2 Ant 1 - Head		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	24.00
Reported 1g SAR (W/kg)	0.579	0.375
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	108.76
Linearity SAR (W/kg)	0.396	
% deviation from expected linearity		-5.32%

LTE Band 41 PC3&PC2 Ant 1 - Body worn		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	24.00
Reported 1g SAR (W/kg)	0.864	0.588
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	108.76
Linearity SAR (W/kg)	0.591	
% deviation from expected linearity		-0.51%

LTE Band 41 PC3&PC2 Ant 1 - Hotspot		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	24.00
Reported 1g SAR (W/kg)	0.497	0.355
Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	159.00	108.76
Linearity SAR (W/kg)	0.340	
% deviation from expected linearity		4.42%

11.6 Multiple Transmitter Evaluation

11.6.1 Simultaneous SAR test evaluation

No.	Simultaneous Tx Combination	Head	Body-worn	Hotspot	Product Specific 10-g (0mm)
1	WWAN + WLAN 2.4GHz Ant.6	Yes	Yes	Yes	Yes
2	WWAN + WLAN 2.4GHz Ant.7	Yes	Yes	Yes	Yes
3	WWAN + WLAN 2.4GHz MIMO	Yes	Yes	Yes	Yes
4	WWAN + WLAN 5GHz Ant.6 + BT	Yes	Yes	Yes	Yes
5	WWAN + WLAN 5GHz Ant.7 + BT	Yes	Yes	Yes	Yes
6	WWAN + WLAN 5GHz MIMO + BT	Yes	Yes	Yes	Yes
7	WWAN + WLAN 6GHz Ant.6 + BT	Yes	Yes	Yes	Yes
8	WWAN + WLAN 6GHz Ant.7 + BT	Yes	Yes	Yes	Yes
9	WWAN + WLAN 6GHz MIMO + BT	Yes	Yes	Yes	Yes

11.6.2 Simultaneous Transmission SAR Summation Scenario

Head:

Test position		SARmax (W/kg)										
		WWAN Ant0	WiFi 2.4G Ant6	WiFi 2.4G Ant7	WiFi 2.4G MIMO	WiFi 5G Ant6	WiFi 5G Ant7	WiFi 5G MIMO	WiFi 6G Ant6	WiFi 6G Ant7	WiFi 6G MIMO	BT Ant6
		1	2	3	4	5	6	7	8	9	10	11
WCDMA Band II	Left cheek	1.130	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.858	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.627	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.544	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
WCDMA Band IV	Left cheek	1.164	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.735	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.737	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.662	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
WCDMA Band V	Left cheek	0.956	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.989	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.835	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.797	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 2	Left cheek	1.161	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.897	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.646	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.462	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 5	Left cheek	1.093	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	1.100	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	1.042	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.898	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 7	Left cheek	0.994	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.795	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.676	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.630	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 12	Left cheek	0.627	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.245	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.602	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.296	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 14	Left cheek	0.876	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.702	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.755	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.602	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 17	Left cheek	0.637	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.380	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.651	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.311	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 30	Left cheek	0.962	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.690	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.675	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.451	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067
LTE Band 41 (38)	Left cheek	1.077	0.183	0.181	0.232	0.378	0.233	0.381	0.069	0.101	0.116	0.000
	Left tilted	0.995	0.179	0.000	0.229	0.380	0.114	0.389	0.000	0.000	0.000	0.000
	Right cheek	0.779	0.177	0.152	0.220	0.372	0.164	0.343	0.000	0.000	0.000	0.077
	Right tilted	0.746	0.199	0.000	0.237	0.356	0.078	0.333	0.000	0.000	0.000	0.067