Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_50	40185/2549.5	1:1.58	0.062	0.032	-0.10	18.78	19.30	1.127	0.070	22.3
Back side	20	QPSK 1_50	40185/2549.5	1:1.58	0.112	0.056	0.18	18.78	19.30	1.127	0.126	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_25	40620/2593	1:1.58	0.078	0.036	0.06	18.73	19.30	1.140	0.089	22.3
Back side	20	QPSK 50_25	40620/2593	1:1.58	0.121	0.060	-0.18	18.73	19.30	1.140	0.138	22.3
Back side with HPUE	20	QPSK 50_25	40620/2593	1:2.31	0.107	0.054	-0.04	20.08	20.80	1.180	0.126	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_50	40185/2549.5	1:1.58	0.140	0.065	0.02	18.78	19.30	1.127	0.158	22.3
Back side	20	QPSK 1_50	40185/2549.5	1:1.58	0.233	0.111	0.16	18.78	19.30	1.127	0.263	22.3
Left side	20	QPSK 1_50	40185/2549.5	1:1.58	0.362	0.162	0.14	18.78	19.30	1.127	0.408	22.3
Top side	20	QPSK 1_50	40185/2549.5	1:1.58	0.058	0.027	-0.10	18.78	19.30	1.127	0.065	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_25	40620/2593	1:1.58	0.146	0.070	-0.16	18.73	19.30	1.140	0.166	22.3
Back side	20	QPSK 50_25	40620/2593	1:1.58	0.263	0.119	0.09	18.73	19.30	1.140	0.300	22.3
Left side	20	QPSK 50_25	40620/2593	1:1.58	0.381	0.176	0.11	18.73	19.30	1.140	0.434	22.3
Top side	20	QPSK 50_25	40620/2593	1:1.58	0.049	0.025	-0.14	18.73	19.30	1.140	0.056	22.3
Left side with HPUE	20	QPSK 50_25	40620/2593	1:2.31	0.334	0.152	-0.10	20.08	20.80	1.180	0.394	22.3

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10.2.13 SAR Result of LTE Band 66

LTE Band 66 SAR Test Record												
Ant 5 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.097	0.061	-0.05	23.14	23.80	1.164	0.113	22.2
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.057	0.034	0.16	23.14	23.80	1.164	0.066	22.2
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.112	0.069	0.02	23.14	23.80	1.164	0.130	22.2
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.021	0.011	-0.08	23.14	23.80	1.164	0.024	22.2
Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_25	132322/1745	1:1	0.088	0.055	0.08	22.07	23.30	1.327	0.117	22.2
Left tilted	20	QPSK 50_25	132322/1745	1:1	0.047	0.028	0.02	22.07	23.30	1.327	0.062	22.2
Right cheek	20	QPSK 50_25	132322/1745	1:1	0.105	0.064	0.17	22.07	23.30	1.327	0.139	22.2
Right tilted	20	QPSK 50_25	132322/1745	1:1	0.015	0.009	-0.02	22.07	23.30	1.327	0.020	22.2
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_0	132322/1745	1:1	0.134	0.079	0.09	20.25	20.60	1.084	0.145	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.159	0.091	0.05	20.25	20.60	1.084	0.172	22.2
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_0	132322/1745	1:1	0.134	0.079	0.00	20.11	20.60	1.119	0.150	22.2
Back side	20	QPSK 50_0	132322/1745	1:1	0.165	0.100	-0.05	20.11	20.60	1.119	**0.185**	22.2
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_0	132322/1745	1:1	0.173	0.095	-0.01	18.28	18.80	1.127	0.195	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.245	0.133	0.06	18.28	18.80	1.127	0.276	22.2
Left side	20	QPSK 1_0	132322/1745	1:1	0.076	0.040	0.07	18.28	18.80	1.127	0.086	22.2
Bottom side	20	QPSK 1_0	132322/1745	1:1	0.299	0.162	0.10	18.28	18.80	1.127	0.337	22.2
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_0	132322/1745	1:1	0.180	0.101	-0.11	18.27	18.80	1.130	0.203	22.2
Back side	20	QPSK 50_0	132322/1745	1:1	0.252	0.136	0.15	18.27	18.80	1.130	0.285	22.2
Left side	20	QPSK 50_0	132322/1745	1:1	0.072	0.039	0.16	18.27	18.80	1.130	0.081	22.2
Bottom side	20	QPSK 50_0	132322/1745	1:1	0.304	0.168	0.08	18.27	18.80	1.130	**0.343**	22.2

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Ant 6 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.342	0.203	-0.04	18.70	19.20	1.122	0.384	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.578	0.319	0.01	18.70	19.20	1.122	0.649	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.711	0.395	0.03	18.70	19.20	1.122	0.798	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.825	0.435	0.04	18.70	19.20	1.122	0.926	22.4
Right cheek	20	QPSK 1_0	132072/1720	1:1	0.682	0.373	0.04	18.61	19.20	1.146	0.781	22.4
Right cheek	20	QPSK 1_99	132572/1770	1:1	0.674	0.375	0.07	18.59	19.20	1.151	0.776	22.4
Right tilted	20	QPSK 1_0	132072/1720	1:1	0.853	0.464	0.07	18.61	19.20	1.146	0.977	22.4
Right tilted	20	QPSK 1_99	132572/1770	1:1	0.885	0.481	0.03	18.59	19.20	1.151	1.018	22.4
Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.334	0.198	0.02	18.57	19.20	1.156	0.386	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.588	0.323	0.01	18.57	19.20	1.156	0.680	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.859	0.465	-0.02	18.57	19.20	1.156	0.993	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.909	0.488	0.03	18.57	19.20	1.156	1.051	22.4
Right cheek	20	QPSK 50_50	132072/1720	1:1	0.729	0.390	-0.05	18.56	19.20	1.159	0.845	22.4
Right cheek	20	QPSK 50_0	132572/1770	1:1	0.801	0.440	0.02	18.48	19.20	1.180	0.945	22.4
Right tilted	20	QPSK 50_50	132072/1720	1:1	0.942	0.473	0.00	18.56	19.20	1.159	1.092	22.4
Right tilted	20	QPSK 50_0	132572/1770	1:1	1.010	0.503	0.00	18.48	19.20	1.180	**1.192**	22.4
Right tilted -Repeated	20	QPSK 50_0	132572/1770	1:1	0.986	0.492	0.04	18.48	19.20	1.180	1.164	22.4
Head Test Data (100%RB) State 5												
Right cheek	20	QPSK 100_0	132322/1745	1:1	0.725	0.400	-0.12	18.52	19.20	1.169	0.848	22.4
Right tilted	20	QPSK 100_0	132322/1745	1:1	0.990	0.519	0.01	18.52	19.20	1.169	1.158	22.4
Head Test Data (1RB) State 5 with ENDC&Inter-band_UL_CA												
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.342	0.203	-0.04	18.70	16.10	0.550	0.188	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.578	0.319	0.01	18.70	16.10	0.550	0.318	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.711	0.395	0.03	18.70	16.10	0.550	0.391	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.825	0.435	0.04	18.70	16.10	0.550	0.453	22.4
Right cheek	20	QPSK 1_0	132072/1720	1:1	0.682	0.373	0.04	18.61	16.10	0.561	0.383	22.4
Right cheek	20	QPSK 1_99	132572/1770	1:1	0.674	0.375	0.07	18.59	16.10	0.564	0.380	22.4
Right tilted	20	QPSK 1_0	132072/1720	1:1	0.853	0.464	0.07	18.61	16.10	0.561	0.479	22.4
Right tilted	20	QPSK 1_99	132572/1770	1:1	0.885	0.481	0.03	18.59	16.10	0.564	0.499	22.4

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Head Test Data (50%RB) State 5 with ENDC&Inter-band_UL_CA												
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.334	0.198	0.02	18.57	16.10	0.566	0.189	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.588	0.323	0.01	18.57	16.10	0.566	0.333	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.859	0.465	-0.02	18.57	16.10	0.566	0.486	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.909	0.488	0.03	18.57	16.10	0.566	0.515	22.4
Right cheek	20	QPSK 50_50	132072/1720	1:1	0.729	0.390	-0.05	18.56	16.10	0.568	0.414	22.4
Right cheek	20	QPSK 50_0	132572/1770	1:1	0.801	0.440	0.02	18.48	16.10	0.578	0.463	22.4
Right tilted	20	QPSK 50_50	132072/1720	1:1	0.942	0.473	0.00	18.56	16.10	0.568	0.535	22.4
Right tilted	20	QPSK 50_0	132572/1770	1:1	1.010	0.503	0.00	18.48	16.10	0.578	0.584	22.4
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_0	132322/1745	1:1	0.129	0.081	0.17	19.71	20.30	1.146	0.148	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.152	0.096	-0.08	19.71	20.30	1.146	0.174	22.2
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_50	132072/1720	1:1	0.124	0.079	0.01	19.61	20.30	1.172	0.145	22.2
Back side	20	QPSK 50_50	132072/1720	1:1	0.153	0.095	-0.08	19.61	20.30	1.172	0.179	22.2
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_0	132322/1745	1:1	0.121	0.076	-0.09	17.63	18.20	1.140	0.138	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.187	0.111	0.03	17.63	18.20	1.140	0.213	22.2
Left side	20	QPSK 1_0	132322/1745	1:1	0.078	0.037	-0.03	17.63	18.20	1.140	0.089	22.2
Top side	20	QPSK 1_0	132322/1745	1:1	0.281	0.153	-0.12	17.63	18.20	1.140	0.320	22.2
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_0	132322/1745	1:1	0.119	0.076	-0.12	17.71	18.20	1.119	0.133	22.2
Back side	20	QPSK 50_0	132322/1745	1:1	0.191	0.114	0.00	17.71	18.20	1.119	0.214	22.2
Left side	20	QPSK 50_0	132322/1745	1:1	0.081	0.037	-0.01	17.71	18.20	1.119	0.091	22.2
Top side	20	QPSK 50_0	132322/1745	1:1	0.290	0.157	0.17	17.71	18.20	1.119	0.325	22.2
Ant 7 Test Record												
Test position	**BW.**	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.665	0.314	0.13	17.73	18.20	1.114	0.741	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.248	0.127	-0.05	17.73	18.20	1.114	0.276	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.149	0.092	-0.01	17.73	18.20	1.114	0.166	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.095	0.054	-0.07	17.73	18.20	1.114	0.106	22.4
Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.686	0.316	0.02	17.60	18.20	1.148	0.788	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.250	0.128	-0.15	17.60	18.20	1.148	0.287	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.152	0.093	-0.13	17.60	18.20	1.148	0.175	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.099	0.057	0.02	17.60	18.20	1.148	0.114	22.4

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Head Test Data (1RB) State 5 with ENDC&Inter-band_UL_CA												
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.665	0.314	0.13	17.73	14.40	0.465	0.309	22.4
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.248	0.127	-0.05	17.73	14.40	0.465	0.115	22.4
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.149	0.092	-0.01	17.73	14.40	0.465	0.069	22.4
Right tilted	20	QPSK 1_0	132322/1745	1:1	0.095	0.054	-0.07	17.73	14.40	0.465	0.044	22.4
Head Test Data (50%RB) State 5 with ENDC&Inter-band_UL_CA												
Left cheek	20	QPSK 50_0	132322/1745	1:1	0.686	0.316	0.02	17.60	14.40	0.479	0.328	22.4
Left tilted	20	QPSK 50_0	132322/1745	1:1	0.250	0.128	-0.15	17.60	14.40	0.479	0.120	22.4
Right cheek	20	QPSK 50_0	132322/1745	1:1	0.152	0.093	-0.13	17.60	14.40	0.479	0.073	22.4
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.099	0.057	0.02	17.60	14.40	0.479	0.047	22.4
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_0	132322/1745	1:1	0.085	0.049	0.06	20.58	21.20	1.153	0.098	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.120	0.052	0.09	20.58	21.20	1.153	0.138	22.4
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_0	132322/1745	1:1	0.079	0.045	-0.08	20.04	20.80	1.191	0.094	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.092	0.055	0.17	20.04	20.80	1.191	0.109	22.4
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_0	132322/1745	1:1	0.123	0.067	-0.16	18.51	19.00	1.119	0.138	22.4
Back side	20	QPSK 1_0	132322/1745	1:1	0.177	0.094	0.13	18.51	19.00	1.119	0.198	22.4
Right side	20	QPSK 1_0	132322/1745	1:1	0.253	0.135	-0.16	18.51	19.00	1.119	0.283	22.4
Top side	20	QPSK 1_0	132322/1745	1:1	0.052	0.028	0.06	18.51	19.00	1.119	0.058	22.4
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_0	132322/1745	1:1	0.123	0.068	0.04	18.25	19.00	1.189	0.146	22.4
Back side	20	QPSK 50_0	132322/1745	1:1	0.176	0.094	-0.10	18.25	19.00	1.189	0.209	22.4
Right side	20	QPSK 50_0	132322/1745	1:1	0.252	0.135	0.03	18.25	19.00	1.189	0.300	22.4
Top side	20	QPSK 50_0	132322/1745	1:1	0.054	0.029	0.09	18.25	19.00	1.189	0.064	22.4
Ant 11 with ENDC&Inter-band_UL_CA Test Record												
Test position	**BW.**	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_50	132072/1720	1:1	0.148	0.092	0.11	19.43	20.50	1.279	0.189	22.5
Left tilted	20	QPSK 1_50	132072/1720	1:1	0.057	0.034	-0.15	19.43	20.50	1.279	0.073	22.5
Right cheek	20	QPSK 1_50	132072/1720	1:1	0.494	0.258	-0.18	19.43	20.50	1.279	0.632	22.5
Right tilted	20	QPSK 1_50	132072/1720	1:1	0.131	0.075	-0.11	19.43	20.50	1.279	0.168	22.5
Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_50	132322/1745	1:1	0.171	0.102	-0.10	19.32	20.50	1.312	0.224	22.5
Left tilted	20	QPSK 50_50	132322/1745	1:1	0.059	0.036	-0.10	19.32	20.50	1.312	0.077	22.5
Right cheek	20	QPSK 50_50	132322/1745	1:1	0.601	0.291	-0.03	19.32	20.50	1.312	0.789	22.5
Right tilted	20	QPSK 50_50	132322/1745	1:1	0.177	0.099	0.09	19.32	20.50	1.312	0.232	22.5

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Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_50	132072/1720	1:1	0.011	0.005	-0.16	19.43	20.50	1.279	0.014	22.5
Back side	20	QPSK 1_50	132072/1720	1:1	0.058	0.033	-0.07	19.43	20.50	1.279	0.074	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_50	132322/1745	1:1	0.051	0.029	0.09	19.32	20.50	1.312	0.067	22.5
Back side	20	QPSK 50_50	132322/1745	1:1	0.077	0.042	-0.08	19.32	20.50	1.312	0.101	22.5
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_0	132322/1745	1:1	0.066	0.036	0.10	17.27	18.20	1.239	0.082	22.5
Back side	20	QPSK 1_0	132322/1745	1:1	0.105	0.055	0.16	17.27	18.20	1.239	0.130	22.5
Left side	20	QPSK 1_0	132322/1745	1:1	0.137	0.069	0.03	17.27	18.20	1.239	0.170	22.5
Top side	20	QPSK 1_0	132322/1745	1:1	0.003	0.001	-0.15	17.27	18.20	1.239	0.004	22.5
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_50	132572/1770	1:1	0.064	0.032	0.16	17.11	18.20	1.285	0.082	22.5
Back side	20	QPSK 50_50	132572/1770	1:1	0.113	0.056	-0.04	17.11	18.20	1.285	0.145	22.5
Left side	20	QPSK 50_50	132572/1770	1:1	0.137	0.067	-0.15	17.11	18.20	1.285	0.176	22.5
Top side	20	QPSK 50_50	132572/1770	1:1	0.004	0.002	0.04	17.11	18.20	1.285	0.005	22.5

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10.2.14 SAR Result of NR Band n2

N2 SAR Test Record												
Ant 5 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_53	372000/1860	100%	0.088	0.055	0.03	23.35	24.20	1.216	0.107	22.3
Left tilted	20	QPSK 1_53	372000/1860	100%	0.007	0.003	-0.01	23.35	24.20	1.216	0.009	22.3
Right cheek	20	QPSK 1_53	372000/1860	100%	0.086	0.056	-0.17	23.35	24.20	1.216	0.105	22.3
Right tilted	20	QPSK 1_53	372000/1860	100%	0.052	0.031	-0.06	23.35	24.20	1.216	0.063	22.3
Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_28	372000/1860	100%	0.086	0.054	-0.17	23.25	24.20	1.245	0.107	22.3
Left tilted	20	QPSK 50_28	372000/1860	100%	0.009	0.004	0.00	23.25	24.20	1.245	0.011	22.3
Right cheek	20	QPSK 50_28	372000/1860	100%	0.088	0.056	0.03	23.25	24.20	1.245	0.110	22.3
Right tilted	20	QPSK 50_28	372000/1860	100%	0.052	0.032	-0.14	23.25	24.20	1.245	0.065	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_53	372000/1860	100%	0.146	0.086	0.02	20.82	21.60	1.197	0.175	22.3
Back side	20	QPSK 1_53	372000/1860	100%	0.217	0.124	-0.09	20.82	21.60	1.197	0.260	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_28	372000/1860	100%	0.173	0.099	0.01	20.75	21.60	1.216	0.210	22.3
Back side	20	QPSK 50_28	372000/1860	100%	0.215	0.128	-0.02	20.75	21.60	1.216	**0.261**	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_53	372000/1860	100%	0.181	0.100	-0.10	18.76	19.40	1.159	0.210	22.3
Back side	20	QPSK 1_53	372000/1860	100%	0.282	0.152	0.07	18.76	19.40	1.159	0.327	22.3
Left side	20	QPSK 1_53	372000/1860	100%	0.087	0.046	-0.19	18.76	19.40	1.159	0.101	22.3
Bottom side	20	QPSK 1_53	372000/1860	100%	0.433	0.239	0.12	18.76	19.40	1.159	**0.502**	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_28	372000/1860	100%	0.180	0.099	-0.08	18.90	19.40	1.122	0.202	22.3
Back side	20	QPSK 50_28	372000/1860	100%	0.278	0.145	0.11	18.90	19.40	1.122	0.312	22.3
Left side	20	QPSK 50_28	372000/1860	100%	0.076	0.043	-0.07	18.90	19.40	1.122	0.085	22.3
Bottom side	20	QPSK 50_28	372000/1860	100%	0.412	0.215	0.16	18.90	19.40	1.122	0.462	22.3

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Ant 6 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_1	372000/1860	100%	0.306	0.191	0.09	16.93	17.90	1.250	0.383	22.4
Left tilted	20	QPSK 1_1	372000/1860	100%	0.415	0.242	-0.11	16.93	17.90	1.250	0.519	22.4
Right cheek	20	QPSK 1_1	372000/1860	100%	0.672	0.345	0.13	16.93	17.90	1.250	0.840	22.4
Right tilted	20	QPSK 1_1	372000/1860	100%	0.812	0.420	0.11	16.93	17.90	1.250	1.015	22.4
Right cheek	20	QPSK 1_53	376000/1880	100%	0.687	0.361	-0.03	16.90	17.90	1.259	0.865	22.4
Right cheek	20	QPSK 1_104	380000/1900	100%	0.689	0.365	0.05	16.91	17.90	1.256	0.865	22.4
Right tilted	20	QPSK 1_53	376000/1880	100%	0.818	0.428	0.14	16.90	17.90	1.259	1.030	22.4
Right tilted	20	QPSK 1_104	380000/1900	100%	0.889	0.466	0.16	16.91	17.90	1.256	**1.117**	22.4
Right tilted-Repeated	20	QPSK 1_104	380000/1900	100%	0.876	0.459	0.10	16.91	17.90	1.256	1.100	22.4
Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_28	372000/1860	100%	0.321	0.199	-0.18	17.00	17.90	1.230	0.395	22.4
Left tilted	20	QPSK 50_28	372000/1860	100%	0.458	0.261	-0.09	17.00	17.90	1.230	0.563	22.4
Right cheek	20	QPSK 50_28	372000/1860	100%	0.640	0.333	-0.01	17.00	17.90	1.230	0.787	22.4
Right tilted	20	QPSK 50_28	372000/1860	100%	0.708	0.388	0.13	17.00	17.90	1.230	0.871	22.4
Right tilted	20	QPSK 50_28	376000/1880	100%	0.875	0.460	-0.03	16.97	17.90	1.239	1.084	22.4
Right tilted	20	QPSK 50_28	380000/1900	100%	0.769	0.418	0.01	16.80	17.90	1.288	0.991	22.4
Head Test Data (100%RB) State 5												
Right cheek	20	QPSK 100_0	376000/1880	100%	0.592	0.304	0.08	16.00	16.90	1.230	0.728	22.4
Right tilted	20	QPSK 100_0	376000/1880	100%	0.700	0.352	0.06	16.00	16.90	1.230	0.861	22.4
Head Test Data (1RB) State 5 with ENDC												
Left cheek	20	QPSK 1_1	372000/1860	100%	0.306	0.191	0.09	16.93	14.90	0.627	0.192	22.4
Left tilted	20	QPSK 1_1	372000/1860	100%	0.415	0.242	-0.11	16.93	14.90	0.627	0.260	22.4
Right cheek	20	QPSK 1_1	372000/1860	100%	0.672	0.345	0.13	16.93	14.90	0.627	0.421	22.4
Right tilted	20	QPSK 1_1	372000/1860	100%	0.812	0.420	0.11	16.93	14.90	0.627	0.509	22.4
Right cheek	20	QPSK 1_53	376000/1880	100%	0.687	0.361	-0.03	16.90	14.90	0.631	0.433	22.4
Right cheek	20	QPSK 1_104	380000/1900	100%	0.689	0.365	0.05	16.91	14.90	0.630	0.434	22.4
Right tilted	20	QPSK 1_53	376000/1880	100%	0.818	0.428	0.14	16.90	14.90	0.631	0.516	22.4
Right tilted	20	QPSK 1_104	380000/1900	100%	0.889	0.466	0.16	16.91	14.90	0.630	0.560	22.4
Head Test Data (50%RB) State 5 with ENDC												
Left cheek	20	QPSK 50_28	372000/1860	100%	0.321	0.199	-0.18	17.00	14.90	0.617	0.198	22.4
Left tilted	20	QPSK 50_28	372000/1860	100%	0.458	0.261	-0.09	17.00	14.90	0.617	0.282	22.4
Right cheek	20	QPSK 50_28	372000/1860	100%	0.640	0.333	-0.01	17.00	14.90	0.617	0.395	22.4
Right tilted	20	QPSK 50_28	372000/1860	100%	0.708	0.388	0.13	17.00	14.90	0.617	0.437	22.4
Right tilted	20	QPSK 50_28	376000/1880	100%	0.875	0.460	-0.03	16.97	14.90	0.621	0.543	22.4
Right tilted	20	QPSK 50_28	380000/1900	100%	0.769	0.418	0.01	16.80	14.90	0.646	0.497	22.4

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Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_1	376000/1880	100%	0.126	0.077	0.17	19.42	20.60	1.312	0.165	22.5
Back side	20	QPSK 1_1	376000/1880	100%	0.197	0.115	0.13	19.42	20.60	1.312	0.259	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_28	372000/1860	100%	0.120	0.072	-0.17	19.50	20.60	1.288	0.155	22.5
Back side	20	QPSK 50_28	372000/1860	100%	0.181	0.105	0.11	19.50	20.60	1.288	0.233	22.5
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_53	372000/1860	100%	0.137	0.080	-0.19	17.45	18.40	1.245	0.170	22.5
Back side	20	QPSK 1_53	372000/1860	100%	0.257	0.136	0.02	17.45	18.40	1.245	0.320	22.5
Left side	20	QPSK 1_53	372000/1860	100%	0.134	0.065	-0.14	17.45	18.40	1.245	0.167	22.5
Top side	20	QPSK 1_53	372000/1860	100%	0.338	0.179	-0.08	17.45	18.40	1.245	0.421	22.5
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_28	372000/1860	100%	0.141	0.084	0.13	17.48	18.40	1.236	0.174	22.5
Back side	20	QPSK 50_28	372000/1860	100%	0.263	0.136	0.05	17.48	18.40	1.236	0.325	22.5
Left side	20	QPSK 50_28	372000/1860	100%	0.146	0.065	0.16	17.48	18.40	1.236	0.180	22.5
Top side	20	QPSK 50_28	372000/1860	100%	0.343	0.180	0.06	17.48	18.40	1.236	0.424	22.5

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10.2.15 SAR Result of NR Band n7

N7 SAR Test Record												
Ant 5 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	505000/2525	100%	0.171	0.093	0.18	24.95	25.90	1.245	0.213	22.3
Left tilted	40	QPSK 1_108	505000/2525	100%	0.061	0.030	-0.11	24.95	25.90	1.245	0.076	22.3
Right cheek	40	QPSK 1_108	505000/2525	100%	0.114	0.064	-0.03	24.95	25.90	1.245	0.142	22.3
Right tilted	40	QPSK 1_108	505000/2525	100%	0.109	0.060	0.06	24.95	25.90	1.245	0.136	22.3
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	505000/2525	100%	0.177	0.097	0.06	24.85	25.90	1.274	0.225	22.3
Left tilted	40	QPSK 108_54	505000/2525	100%	0.056	0.031	-0.01	24.85	25.90	1.274	0.071	22.3
Right cheek	40	QPSK 108_54	505000/2525	100%	0.112	0.064	-0.11	24.85	25.90	1.274	0.143	22.3
Right tilted	40	QPSK 108_54	505000/2525	100%	0.106	0.060	-0.15	24.85	25.90	1.274	0.135	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	505000/2525	100%	0.108	0.056	-0.19	20.40	21.40	1.259	0.136	22.3
Back side	40	QPSK 1_108	505000/2525	100%	0.192	0.098	-0.03	20.40	21.40	1.259	0.242	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	505000/2525	100%	0.106	0.055	-0.14	20.34	21.40	1.276	0.135	22.3
Back side	40	QPSK 108_54	505000/2525	100%	0.259	0.138	-0.02	20.34	21.40	1.276	**0.331**	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_108	507000/2535	100%	0.185	0.095	0.09	19.98	20.60	1.153	0.213	22.3
Back side	40	QPSK 1_108	507000/2535	100%	0.366	0.180	-0.13	19.98	20.60	1.153	0.422	22.3
Left side	40	QPSK 1_108	507000/2535	100%	0.058	0.032	-0.11	19.98	20.60	1.153	0.067	22.3
Bottom side	40	QPSK 1_108	507000/2535	100%	0.544	0.257	0.03	19.98	20.60	1.153	0.627	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	505000/2525	100%	0.192	0.098	-0.12	19.51	20.60	1.285	0.247	22.3
Back side	40	QPSK 108_54	505000/2525	100%	0.353	0.177	-0.18	19.51	20.60	1.285	0.454	22.3
Left side	40	QPSK 108_54	505000/2525	100%	0.056	0.031	0.13	19.51	20.60	1.285	0.072	22.3
Bottom side	40	QPSK 108_54	505000/2525	100%	0.604	0.296	0.01	19.51	20.60	1.285	**0.776**	22.3

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Ant 6 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	507000/2535	100%	0.432	0.227	0.07	18.03	18.70	1.167	0.504	22.4
Left tilted	40	QPSK 1_108	507000/2535	100%	0.685	0.339	0.06	18.03	18.70	1.167	0.799	22.4
Right cheek	40	QPSK 1_108	507000/2535	100%	0.790	0.405	0.15	18.03	18.70	1.167	0.922	22.4
Right tilted	40	QPSK 1_108	507000/2535	100%	0.780	0.426	0.08	18.03	18.70	1.167	0.910	22.4
Right cheek	40	QPSK 1_108	505000/2525	100%	0.794	0.408	-0.06	17.86	18.70	1.213	0.963	22.4
Right cheek	40	QPSK 1_108	509000/2545	100%	0.770	0.394	0.07	17.88	18.70	1.208	0.930	22.4
Right tilted	40	QPSK 1_108	505000/2525	100%	0.779	0.422	0.03	17.86	18.70	1.213	0.945	22.4
Right tilted	40	QPSK 1_108	509000/2545	100%	0.753	0.414	-0.02	17.88	18.70	1.208	0.909	22.4
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	505000/2525	100%	0.471	0.246	0.04	18.01	18.70	1.172	0.552	22.4
Left tilted	40	QPSK 108_54	505000/2525	100%	0.737	0.371	-0.03	18.01	18.70	1.172	0.864	22.4
Right cheek	40	QPSK 108_54	505000/2525	100%	0.801	0.407	-0.14	18.01	18.70	1.172	0.939	22.4
Right tilted	40	QPSK 108_54	505000/2525	100%	0.791	0.420	-0.16	18.01	18.70	1.172	0.927	22.4
Left tilted	40	QPSK 108_54	507000/2535	100%	0.721	0.364	0.04	17.94	18.70	1.191	0.859	22.4
Left tilted	40	QPSK 108_54	509000/2545	100%	0.707	0.355	-0.18	17.97	18.70	1.183	0.836	22.4
Right cheek	40	QPSK 108_54	507000/2535	100%	0.815	0.374	0.03	17.94	18.70	1.191	0.971	22.4
Right cheek	40	QPSK 108_54	509000/2545	100%	0.772	0.357	-0.02	17.97	18.70	1.183	0.913	22.4
Right tilted	40	QPSK 108_54	507000/2535	100%	0.786	0.419	-0.16	17.94	18.70	1.191	0.936	22.4
Right tilted	40	QPSK 108_54	509000/2545	100%	0.783	0.420	-0.10	17.97	18.70	1.183	0.926	22.4
Head Test Data (100%RB) State 5												
Left tilted	40	QPSK 216_0	509000/2545	100%	0.531	0.251	-0.19	17.03	17.70	1.167	0.620	22.4
Right cheek	40	QPSK 216_0	509000/2545	100%	0.636	0.321	0.05	17.03	17.70	1.167	0.742	22.4
Right tilted	40	QPSK 216_0	509000/2545	100%	0.598	0.296	-0.11	17.03	17.70	1.167	0.698	22.4
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	507000/2535	100%	0.154	0.085	-0.03	20.07	21.00	1.239	0.191	22.5
Back side	40	QPSK 1_108	507000/2535	100%	0.241	0.130	-0.01	20.07	21.00	1.239	0.299	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	505000/2525	100%	0.152	0.084	0.12	20.12	21.00	1.225	0.186	22.5
Back side	40	QPSK 108_54	505000/2525	100%	0.247	0.134	0.15	20.12	21.00	1.225	0.302	22.5
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_108	507000/2535	100%	0.165	0.089	-0.09	18.08	18.80	1.180	0.195	22.5
Back side	40	QPSK 1_108	507000/2535	100%	0.284	0.145	0.04	18.08	18.80	1.180	0.335	22.5
Left side	40	QPSK 1_108	507000/2535	100%	0.132	0.059	0.06	18.08	18.80	1.180	0.156	22.5
Top side	40	QPSK 1_108	507000/2535	100%	0.554	0.268	0.00	18.08	18.80	1.180	0.654	22.5
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	505000/2525	100%	0.178	0.095	0.05	18.09	18.80	1.178	0.210	22.5
Back side	40	QPSK 108_54	505000/2525	100%	0.320	0.162	-0.13	18.09	18.80	1.178	0.377	22.5
Left side	40	QPSK 108_54	505000/2525	100%	0.120	0.056	-0.05	18.09	18.80	1.178	0.141	22.5
Top side	40	QPSK 108_54	505000/2525	100%	0.612	0.306	0.08	18.09	18.80	1.178	0.721	22.5

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Ant 7 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	505000/2525	100%	0.789	0.334	-0.12	16.92	17.70	1.197	0.944	22.5
Left tilted	40	QPSK 1_108	505000/2525	100%	0.331	0.150	-0.12	16.92	17.70	1.197	0.396	22.5
Right cheek	40	QPSK 1_108	505000/2525	100%	0.131	0.069	0.10	16.92	17.70	1.197	0.157	22.5
Right tilted	40	QPSK 1_108	505000/2525	100%	0.099	0.054	-0.06	16.92	17.70	1.197	0.118	22.5
Left cheek	40	QPSK 1_108	507000/2535	100%	0.839	0.355	0.05	16.91	17.70	1.199	1.006	22.5
Left cheek	40	QPSK 1_108	509000/2545	100%	0.928	0.364	0.07	16.89	17.70	1.205	**1.118**	22.5
Left cheek-Repeated	40	QPSK 1_108	509000/2545	100%	0.870	0.367	-0.12	16.89	17.70	1.205	1.048	22.5
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	507000/2535	100%	0.833	0.352	0.02	17.06	17.70	1.159	0.965	22.5
Left tilted	40	QPSK 108_54	507000/2535	100%	0.315	0.144	0.04	17.06	17.70	1.159	0.365	22.5
Right cheek	40	QPSK 108_54	507000/2535	100%	0.132	0.070	0.01	17.06	17.70	1.159	0.153	22.5
Right tilted	40	QPSK 108_54	507000/2535	100%	0.104	0.056	0.10	17.06	17.70	1.159	0.121	22.5
Left cheek	40	QPSK 108_54	505000/2525	100%	0.807	0.342	-0.12	16.94	17.70	1.191	0.961	22.5
Left cheek	40	QPSK 108_54	509000/2545	100%	0.914	0.394	0.12	16.96	17.70	1.186	1.084	22.5
Head Test Data (100%RB) State 5												
Left cheek	40	QPSK 216_0	509000/2545	100%	0.740	0.313	-0.14	16.08	16.70	1.153	0.854	22.5
Head Test Data (1RB) State 10												
Left cheek	40	QPSK 1_108	505000/2525	100%	0.789	0.334	-0.12	16.92	16.70	0.951	0.750	22.5
Left tilted	40	QPSK 1_108	505000/2525	100%	0.331	0.150	-0.12	16.92	16.70	0.951	0.315	22.5
Right cheek	40	QPSK 1_108	505000/2525	100%	0.131	0.069	0.10	16.92	16.70	0.951	0.125	22.5
Right tilted	40	QPSK 1_108	505000/2525	100%	0.099	0.054	-0.06	16.92	16.70	0.951	0.094	22.5
Left cheek	40	QPSK 1_108	507000/2535	100%	0.839	0.355	0.05	16.91	16.70	0.953	0.799	22.5
Left cheek	40	QPSK 1_108	509000/2545	100%	0.928	0.364	0.07	16.89	16.70	0.957	0.888	22.5
Head Test Data (50%RB) State 10												
Left cheek	40	QPSK 108_54	507000/2535	100%	0.833	0.352	0.02	17.06	16.70	0.920	0.767	22.5
Left tilted	40	QPSK 108_54	507000/2535	100%	0.315	0.144	0.04	17.06	16.70	0.920	0.290	22.5
Right cheek	40	QPSK 108_54	507000/2535	100%	0.132	0.070	0.01	17.06	16.70	0.920	0.121	22.5
Right tilted	40	QPSK 108_54	507000/2535	100%	0.104	0.056	0.10	17.06	16.70	0.920	0.096	22.5
Left cheek	40	QPSK 108_54	505000/2525	100%	0.807	0.342	-0.12	16.94	16.70	0.946	0.764	22.5
Left cheek	40	QPSK 108_54	509000/2545	100%	0.914	0.394	0.12	16.96	16.70	0.942	0.861	22.5
Head Test Data (100%RB) State 10												
Left cheek	40	QPSK 216_0	509000/2545	100%	0.740	0.313	-0.14	16.08	15.70	0.916	0.678	22.5
Head Test Data (1RB) State 5 with ENDC												
Left cheek	40	QPSK 1_108	505000/2525	100%	0.789	0.334	-0.12	16.92	14.20	0.535	0.422	22.5
Left tilted	40	QPSK 1_108	505000/2525	100%	0.331	0.150	-0.12	16.92	14.20	0.535	0.177	22.5
Right cheek	40	QPSK 1_108	505000/2525	100%	0.131	0.069	0.10	16.92	14.20	0.535	0.070	22.5
Right tilted	40	QPSK 1_108	505000/2525	100%	0.099	0.054	-0.06	16.92	14.20	0.535	0.053	22.5
Left cheek	40	QPSK 1_108	507000/2535	100%	0.839	0.355	0.05	16.91	14.20	0.536	0.450	22.5
Left cheek	40	QPSK 1_108	509000/2545	100%	0.928	0.364	0.07	16.89	14.20	0.538	0.500	22.5

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Head Test Data (50%RB) State 5 with ENDC												
Left cheek	40	QPSK 108_54	507000/2535	100%	0.833	0.352	0.02	17.06	14.20	0.518	0.431	22.5
Left tilted	40	QPSK 108_54	507000/2535	100%	0.315	0.144	0.04	17.06	14.20	0.518	0.163	22.5
Right cheek	40	QPSK 108_54	507000/2535	100%	0.132	0.070	0.01	17.06	14.20	0.518	0.068	22.5
Right tilted	40	QPSK 108_54	507000/2535	100%	0.104	0.056	0.10	17.06	14.20	0.518	0.054	22.5
Left cheek	40	QPSK 108_54	505000/2525	100%	0.807	0.342	-0.12	16.94	14.20	0.532	0.429	22.5
Left cheek	40	QPSK 108_54	509000/2545	100%	0.914	0.394	0.12	16.96	14.20	0.530	0.484	22.5
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	507000/2535	100%	0.170	0.088	-0.07	20.47	21.10	1.156	0.197	22.3
Back side	40	QPSK 1_108	507000/2535	100%	0.271	0.139	0.11	20.47	21.10	1.156	0.313	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	507000/2535	100%	0.176	0.089	0.00	20.56	21.10	1.132	0.199	22.3
Back side	40	QPSK 108_54	507000/2535	100%	0.287	0.147	-0.17	20.56	21.10	1.132	0.325	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_108	507000/2535	100%	0.229	0.109	-0.07	18.12	18.90	1.197	0.274	22.3
Back side	40	QPSK 1_108	507000/2535	100%	0.396	0.188	0.16	18.12	18.90	1.197	0.474	22.3
Right side	40	QPSK 1_108	507000/2535	100%	0.544	0.247	0.01	18.12	18.90	1.197	0.651	22.3
Top side	40	QPSK 1_108	507000/2535	100%	0.079	0.042	-0.07	18.12	18.90	1.197	0.095	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	507000/2535	100%	0.254	0.125	0.12	18.11	18.90	1.199	0.305	22.3
Back side	40	QPSK 108_54	507000/2535	100%	0.445	0.212	-0.13	18.11	18.90	1.199	0.534	22.3
Right side	40	QPSK 108_54	507000/2535	100%	0.583	0.274	-0.04	18.11	18.90	1.199	0.699	22.3
Top side	40	QPSK 108_54	507000/2535	100%	0.078	0.041	0.00	18.11	18.90	1.199	0.094	22.3
Hotspot Test data (Separate 10mm 1RB) State 8 with ENDC												
Front side	40	QPSK 1_108	507000/2535	100%	0.229	0.109	-0.07	18.12	15.40	0.535	0.122	22.3
Back side	40	QPSK 1_108	507000/2535	100%	0.396	0.188	0.16	18.12	15.40	0.535	0.212	22.3
Right side	40	QPSK 1_108	507000/2535	100%	0.544	0.247	0.01	18.12	15.40	0.535	0.291	22.3
Top side	40	QPSK 1_108	507000/2535	100%	0.079	0.042	-0.07	18.12	15.40	0.535	0.042	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8 with ENDC												
Front side	40	QPSK 108_54	507000/2535	100%	0.254	0.125	0.12	18.11	15.40	0.536	0.136	22.3
Back side	40	QPSK 108_54	507000/2535	100%	0.445	0.212	-0.13	18.11	15.40	0.536	0.238	22.3
Right side	40	QPSK 108_54	507000/2535	100%	0.583	0.274	-0.04	18.11	15.40	0.536	0.312	22.3
Top side	40	QPSK 108_54	507000/2535	100%	0.078	0.041	0.00	18.11	15.40	0.536	0.042	22.3

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Ant 11 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	507000/2535	100%	0.192	0.102	-0.15	16.19	17.30	1.291	0.248	22.3
Left tilted	40	QPSK 1_108	507000/2535	100%	0.100	0.054	0.12	16.19	17.30	1.291	0.129	22.3
Right cheek	40	QPSK 1_108	507000/2535	100%	0.807	0.314	-0.19	16.19	17.30	1.291	1.042	22.3
Right tilted	40	QPSK 1_108	507000/2535	100%	0.308	0.145	-0.05	16.19	17.30	1.291	0.398	22.3
Right cheek	40	QPSK 1_108	505000/2525	100%	0.814	0.321	0.04	16.17	17.30	1.297	1.056	22.3
Right cheek	40	QPSK 1_108	509000/2545	100%	0.791	0.307	0.10	16.16	17.30	1.300	1.028	22.3
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	507000/2535	100%	0.192	0.102	0.11	16.27	17.30	1.268	0.243	22.3
Left tilted	40	QPSK 108_54	507000/2535	100%	0.110	0.055	0.12	16.27	17.30	1.268	0.139	22.3
Right cheek	40	QPSK 108_54	507000/2535	100%	0.838	0.389	0.01	16.27	17.30	1.268	1.062	22.3
Right tilted	40	QPSK 108_54	507000/2535	100%	0.310	0.147	-0.10	16.27	17.30	1.268	0.393	22.3
Right cheek	40	QPSK 108_54	505000/2525	100%	0.873	0.345	-0.07	16.23	17.30	1.279	1.117	22.3
Right cheek	40	QPSK 108_54	509000/2545	100%	0.817	0.380	-0.15	16.20	17.30	1.288	1.052	22.3
Head Test Data (50%RB) State 5												
Right cheek	40	QPSK 100_0	507000/2535	100%	0.647	0.297	-0.09	15.19	16.30	1.291	0.835	22.3
Head Test Data (1RB) State 5 with ENDC												
Left cheek	40	QPSK 1_108	507000/2535	100%	0.192	0.102	-0.15	16.19	12.60	0.438	0.084	22.3
Left tilted	40	QPSK 1_108	507000/2535	100%	0.100	0.054	0.12	16.19	12.60	0.438	0.044	22.3
Right cheek	40	QPSK 1_108	507000/2535	100%	0.807	0.314	-0.19	16.19	12.60	0.438	0.353	22.3
Right tilted	40	QPSK 1_108	507000/2535	100%	0.308	0.145	-0.05	16.19	12.60	0.438	0.135	22.3
Right cheek	40	QPSK 1_108	505000/2525	100%	0.814	0.321	0.04	16.17	12.60	0.440	0.358	22.3
Right cheek	40	QPSK 1_108	509000/2545	100%	0.791	0.307	0.10	16.16	12.60	0.441	0.348	22.3
Head Test Data (50%RB) State 5 with ENDC												
Left cheek	40	QPSK 108_54	507000/2535	100%	0.192	0.102	0.11	16.27	12.60	0.430	0.082	22.3
Left tilted	40	QPSK 108_54	507000/2535	100%	0.110	0.055	0.12	16.27	12.60	0.430	0.047	22.3
Right cheek	40	QPSK 108_54	507000/2535	100%	0.838	0.389	0.01	16.27	12.60	0.430	0.360	22.3
Right tilted	40	QPSK 108_54	507000/2535	100%	0.310	0.147	-0.10	16.27	12.60	0.430	0.133	22.3
Right cheek	40	QPSK 108_54	505000/2525	100%	0.873	0.345	-0.07	16.23	12.60	0.434	0.378	22.3
Right cheek	40	QPSK 108_54	509000/2545	100%	0.817	0.380	-0.15	16.20	12.60	0.437	0.357	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	507000/2535	100%	0.104	0.053	0.04	17.71	18.60	1.227	0.128	22.3
Back side	40	QPSK 1_108	507000/2535	100%	0.185	0.092	-0.01	17.71	18.60	1.227	0.227	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	507000/2535	100%	0.107	0.054	-0.17	17.78	18.60	1.208	0.129	22.3
Back side	40	QPSK 108_54	507000/2535	100%	0.186	0.090	-0.03	17.78	18.60	1.208	0.225	22.3

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Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_108	507000/2535	100%	0.204	0.096	0.03	17.24	18.20	1.247	0.254	22.3
Back side	40	QPSK 1_108	507000/2535	100%	0.378	0.162	0.07	17.24	18.20	1.247	0.472	22.3
Left side	40	QPSK 1_108	507000/2535	100%	0.496	0.226	-0.02	17.24	18.20	1.247	0.619	22.3
Top side	40	QPSK 1_108	507000/2535	100%	0.077	0.041	0.15	17.24	18.20	1.247	0.096	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	505000/2525	100%	0.190	0.090	0.05	17.25	18.20	1.245	0.236	22.3
Back side	40	QPSK 108_54	505000/2525	100%	0.360	0.159	0.11	17.25	18.20	1.245	0.448	22.3
Left side	40	QPSK 108_54	505000/2525	100%	0.502	0.221	0.10	17.25	18.20	1.245	0.625	22.3
Top side	40	QPSK 108_54	505000/2525	100%	0.069	0.038	0.14	17.25	18.20	1.245	0.086	22.3

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10.2.16 SAR Result of NR Band n12

N12 SAR Test Record												
Ant 0 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	15	QPSK 1_77	141300/706.5	100%	0.850	0.453	0.02	22.59	24.00	1.384	**1.176**	22.3
Left cheek-Repeated	15	QPSK 1_77	141300/706.5	100%	0.825	0.440	0.06	22.59	24.00	1.384	1.141	22.3
Left tilted	15	QPSK 1_77	141300/706.5	100%	0.145	0.106	0.08	22.59	24.00	1.384	0.201	22.3
Right cheek	15	QPSK 1_77	141300/706.5	100%	0.620	0.351	-0.04	22.59	24.00	1.384	0.858	22.3
Right tilted	15	QPSK 1_77	141300/706.5	100%	0.123	0.081	0.05	22.59	24.00	1.384	0.170	22.3
Left cheek	15	QPSK 1_40	141500/707.5	100%	0.751	0.392	0.19	22.33	24.00	1.469	1.103	22.3
Left cheek	15	QPSK 1_40	141700/708.5	100%	0.770	0.402	-0.07	22.36	24.00	1.459	1.123	22.3
Right cheek	15	QPSK 1_40	141500/707.5	100%	0.536	0.302	0.17	22.33	24.00	1.469	0.787	22.3
Right cheek	15	QPSK 1_40	141700/708.5	100%	0.554	0.312	0.00	22.36	24.00	1.459	0.808	22.3
Head Test Data (50%RB) State 5												
Left cheek	15	QPSK 36_22	141700/708.5	100%	0.702	0.366	-0.14	22.79	24.00	1.321	0.928	22.3
Left tilted	15	QPSK 36_22	141700/708.5	100%	0.120	0.087	-0.02	22.79	24.00	1.321	0.159	22.3
Right cheek	15	QPSK 36_22	141700/708.5	100%	0.559	0.315	-0.08	22.79	24.00	1.321	0.739	22.3
Right tilted	15	QPSK 36_22	141700/708.5	100%	0.108	0.071	0.07	22.79	24.00	1.321	0.143	22.3
Left cheek	15	QPSK 36_22	141300/706.5	100%	0.751	0.392	-0.05	22.29	24.00	1.483	1.113	22.3
Left cheek	15	QPSK 36_22	141500/707.5	100%	0.775	0.405	0.03	22.43	24.00	1.435	1.113	22.3
Head Test Data (100%RB) State 5												
Left cheek	15	QPSK 75_0	141500/707.5	100%	0.685	0.357	-0.10	21.90	23.00	1.288	0.882	22.3
Right cheek	15	QPSK 75_0	141500/707.5	100%	0.538	0.303	-0.10	21.90	23.00	1.288	0.693	22.3

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Head Test Data (1RB) State 10												
Left cheek	15	QPSK 1_77	141300/706.5	100%	0.850	0.453	0.02	22.59	23.00	1.099	0.934	22.3
Left tilted	15	QPSK 1_77	141300/706.5	100%	0.145	0.106	0.08	22.59	23.00	1.099	0.159	22.3
Right cheek	15	QPSK 1_77	141300/706.5	100%	0.620	0.351	-0.04	22.59	23.00	1.099	0.681	22.3
Right tilted	15	QPSK 1_77	141300/706.5	100%	0.123	0.081	0.05	22.59	23.00	1.099	0.135	22.3
Left cheek	15	QPSK 1_40	141500/707.5	100%	0.751	0.392	0.19	22.33	23.00	1.167	0.876	22.3
Left cheek	15	QPSK 1_40	141700/708.5	100%	0.770	0.402	-0.07	22.36	23.00	1.159	0.892	22.3
Right cheek	15	QPSK 1_40	141500/707.5	100%	0.536	0.302	0.17	22.33	23.00	1.167	0.625	22.3
Right cheek	15	QPSK 1_40	141700/708.5	100%	0.554	0.312	0.00	22.36	23.00	1.159	0.642	22.3
Head Test Data (50%RB) State 10												
Left cheek	15	QPSK 36_22	141700/708.5	100%	0.702	0.366	-0.14	22.79	23.00	1.050	0.737	22.3
Left tilted	15	QPSK 36_22	141700/708.5	100%	0.120	0.087	-0.02	22.79	23.00	1.050	0.126	22.3
Right cheek	15	QPSK 36_22	141700/708.5	100%	0.559	0.315	-0.08	22.79	23.00	1.050	0.587	22.3
Right tilted	15	QPSK 36_22	141700/708.5	100%	0.108	0.071	0.07	22.79	23.00	1.050	0.113	22.3
Left cheek	15	QPSK 36_22	141300/706.5	100%	0.751	0.392	-0.05	22.29	23.00	1.178	0.884	22.3
Left cheek	15	QPSK 36_22	141500/707.5	100%	0.775	0.405	0.03	22.43	23.00	1.140	0.884	22.3
Head Test Data (100%RB) State 10												
Left cheek	15	QPSK 75_0	141500/707.5	100%	0.685	0.357	-0.10	21.90	22.00	1.023	0.701	22.3
Right cheek	15	QPSK 75_0	141500/707.5	100%	0.538	0.303	-0.10	21.90	22.00	1.023	0.551	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	15	QPSK 1_77	141300/706.5	100%	0.257	0.156	0.18	23.08	24.50	1.387	0.356	22.3
Back side	15	QPSK 1_77	141300/706.5	100%	0.361	0.234	0.08	23.08	24.50	1.387	**0.501**	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	15	QPSK 36_22	141700/708.5	100%	0.213	0.127	0.04	23.26	24.50	1.330	0.283	22.3
Back side	15	QPSK 36_22	141700/708.5	100%	0.284	0.170	0.15	23.26	24.50	1.330	0.378	22.3
Hotspot Test data (Separate 10mm 1RB) State												
Front side	15	QPSK 1_77	141300/706.5	100%	0.328	0.187	0.01	21.03	22.60	1.435	0.471	22.3
Back side	15	QPSK 1_77	141300/706.5	100%	0.431	0.239	-0.14	21.03	22.60	1.435	0.619	22.3
Left side	15	QPSK 1_77	141300/706.5	100%	0.670	0.397	-0.02	21.03	22.60	1.435	0.962	22.3
Left side	15	QPSK 1_40	141500/707.5	100%	0.611	0.362	-0.06	20.84	22.60	1.500	0.916	22.3
Left side	15	QPSK 1_40	141700/708.5	100%	0.652	0.381	-0.05	20.86	22.60	1.493	**0.973**	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	15	QPSK 36_22	141700/708.5	100%	0.284	0.161	-0.01	21.30	22.60	1.349	0.383	22.3
Back side	15	QPSK 36_22	141700/708.5	100%	0.318	0.213	0.05	21.30	22.60	1.349	0.429	22.3
Left side	15	QPSK 36_22	141700/708.5	100%	0.534	0.281	0.04	21.30	22.60	1.349	0.720	22.3
Hotspot Test data (Separate 10mm 100%RB) State 8												
Left side	15	QPSK 75_0	141500/707.5	100%	0.600	0.352	-0.02	20.36	21.60	1.330	0.798	22.3

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Test position	BW.	Test mode	Test Ch./Freq.	Duty Cycle	SAR (W/kg)1-g	SAR (W/kg)10-g	Power Drift(dB)	Conducted power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled 10-g SAR(W/kg)	Liquid Temp.
Product specific 10g SAR Test data (Separate 0mm 1RB) State 3												
Left side	15	QPSK 1_77	141300/706.5	100%	1.890	0.730	-0.15	23.08	24.50	1.387	1.012	22.3
Product specific 10g SAR Test data (Separate 0mm 50%RB) State 3												
Left side	15	QPSK 36_22	141700/708.5	100%	2.700	1.050	-0.07	23.26	24.50	1.330	**1.397**	22.3
Ant 1 Test Record												
Test position	**BW.**	**Modulation**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	15	QPSK 1_77	141300/706.5	100%	0.045	0.031	-0.07	24.41	25.90	1.409	0.063	22.3
Left tilted	15	QPSK 1_77	141300/706.5	100%	0.006	0.002	-0.16	24.41	25.90	1.409	0.008	22.3
Right cheek	15	QPSK 1_77	141300/706.5	100%	0.135	0.109	0.02	24.41	25.90	1.409	0.190	22.3
Right tilted	15	QPSK 1_77	141300/706.5	100%	0.047	0.034	-0.08	24.41	25.90	1.409	0.066	22.3
Head Test Data (50%RB) State 5												
Left cheek	15	QPSK 36_22	141300/706.5	100%	0.044	0.031	-0.16	24.47	25.90	1.390	0.061	22.3
Left tilted	15	QPSK 36_22	141300/706.5	100%	0.007	0.003	-0.13	24.47	25.90	1.390	0.010	22.3
Right cheek	15	QPSK 36_22	141300/706.5	100%	0.118	0.092	0.18	24.47	25.90	1.390	0.164	22.3
Right tilted	15	QPSK 36_22	141300/706.5	100%	0.046	0.034	0.13	24.47	25.90	1.390	0.064	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	15	QPSK 1_77	141300/706.5	100%	0.117	0.076	-0.13	24.41	25.90	1.409	0.165	22.3
Back side	15	QPSK 1_77	141300/706.5	100%	0.222	0.172	-0.19	24.41	25.90	1.409	0.313	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	15	QPSK 36_22	141300/706.5	100%	0.132	0.086	-0.04	24.47	25.90	1.390	0.183	22.3
Back side	15	QPSK 36_22	141300/706.5	100%	0.217	0.161	-0.04	24.47	25.90	1.390	0.302	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	15	QPSK 1_77	141300/706.5	100%	0.225	0.147	0.17	24.41	25.90	1.409	0.317	22.3
Back side	15	QPSK 1_77	141300/706.5	100%	0.275	0.183	-0.05	24.41	25.90	1.409	0.388	22.3
Right side	15	QPSK 1_77	141300/706.5	100%	0.347	0.239	-0.01	24.41	25.90	1.409	0.489	22.3
Bottom side	15	QPSK 1_77	141300/706.5	100%	0.122	0.071	0.00	24.41	25.90	1.409	0.172	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	15	QPSK 36_22	141300/706.5	100%	0.228	0.148	-0.07	24.47	25.90	1.390	0.317	22.3
Back side	15	QPSK 36_22	141300/706.5	100%	0.272	0.181	-0.06	24.47	25.90	1.390	0.378	22.3
Right side	15	QPSK 36_22	141300/706.5	100%	0.338	0.219	0.15	24.47	25.90	1.390	0.470	22.3
Bottom side	15	QPSK 36_22	141300/706.5	100%	0.124	0.073	0.17	24.47	25.90	1.390	0.172	22.3

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10.2.17 SAR Result of NR Band n26

N26 SAR Test Record												
Ant 0 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_53	166300/831.5	100%	0.352	0.191	-0.06	18.39	19.50	1.291	0.455	22.3
Left tilted	20	QPSK 1_53	166300/831.5	100%	0.062	0.042	-0.01	18.39	19.50	1.291	0.080	22.3
Right cheek	20	QPSK 1_53	166300/831.5	100%	0.231	0.136	-0.07	18.39	19.50	1.291	0.298	22.3
Right tilted	20	QPSK 1_53	166300/831.5	100%	0.052	0.035	0.10	18.39	19.50	1.291	0.067	22.3
Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_28	166300/831.5	100%	0.394	0.211	0.09	18.47	19.50	1.268	**0.499**	22.3
Left tilted	20	QPSK 50_28	166300/831.5	100%	0.061	0.041	-0.11	18.47	19.50	1.268	0.077	22.3
Right cheek	20	QPSK 50_28	166300/831.5	100%	0.228	0.134	0.06	18.47	19.50	1.268	0.289	22.3
Right tilted	20	QPSK 50_28	166300/831.5	100%	0.051	0.034	-0.14	18.47	19.50	1.268	0.065	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_53	166300/831.5	100%	0.181	0.108	0.11	21.42	22.40	1.253	0.227	22.3
Back side	20	QPSK 1_53	166300/831.5	100%	0.279	0.181	-0.08	21.42	22.40	1.253	0.350	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_28	166300/831.5	100%	0.165	0.096	-0.05	21.50	22.40	1.230	0.203	22.3
Back side	20	QPSK 50_28	166300/831.5	100%	0.312	0.200	-0.08	21.50	22.40	1.230	**0.384**	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_53	166300/831.5	100%	0.193	0.109	0.06	19.34	20.20	1.219	0.235	22.3
Back side	20	QPSK 1_53	166300/831.5	100%	0.249	0.140	0.00	19.34	20.20	1.219	0.304	22.3
Left side	20	QPSK 1_53	166300/831.5	100%	0.458	0.263	-0.01	19.34	20.20	1.219	0.558	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_28	166300/831.5	100%	0.190	0.109	-0.14	19.41	20.20	1.199	0.228	22.3
Back side	20	QPSK 50_28	166300/831.5	100%	0.253	0.140	-0.15	19.41	20.20	1.199	0.303	22.3
Left side	20	QPSK 50_28	166300/831.5	100%	0.481	0.275	-0.07	19.41	20.20	1.199	**0.577**	22.3
Ant 1 Test Record												
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	20	QPSK 1_53	166300/831.5	100%	0.021	0.012	-0.12	22.55	23.50	1.245	0.026	22.3
Left tilted	20	QPSK 1_53	166300/831.5	100%	0.011	0.005	0.06	22.55	23.50	1.245	0.014	22.3
Right cheek	20	QPSK 1_53	166300/831.5	100%	0.035	0.018	0.02	22.55	23.50	1.245	0.044	22.3
Right tilted	20	QPSK 1_53	166300/831.5	100%	0.019	0.009	-0.06	22.55	23.50	1.245	0.024	22.3

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Head Test Data (50%RB) State 5												
Left cheek	20	QPSK 50_28	164800/824	100%	0.024	0.015	-0.09	22.64	23.50	1.219	0.029	22.3
Left tilted	20	QPSK 50_28	164800/824	100%	0.012	0.006	0.07	22.64	23.50	1.219	0.015	22.3
Right cheek	20	QPSK 50_28	164800/824	100%	0.040	0.021	-0.06	22.64	23.50	1.219	0.049	22.3
Right tilted	20	QPSK 50_28	164800/824	100%	0.022	0.012	-0.07	22.64	23.50	1.219	0.027	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	20	QPSK 1_53	166300/831.5	100%	0.070	0.044	-0.01	24.60	25.90	1.349	0.094	22.3
Back side	20	QPSK 1_53	166300/831.5	100%	0.117	0.072	0.13	24.60	25.90	1.349	0.158	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	20	QPSK 50_28	164800/824	100%	0.074	0.047	0.14	24.61	25.90	1.346	0.100	22.3
Back side	20	QPSK 50_28	164800/824	100%	0.131	0.080	0.07	24.61	25.90	1.346	0.176	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	20	QPSK 1_53	166300/831.5	100%	0.135	0.085	-0.08	23.02	24.30	1.343	0.181	22.3
Back side	20	QPSK 1_53	166300/831.5	100%	0.190	0.115	0.15	23.02	24.30	1.343	0.255	22.3
Right side	20	QPSK 1_53	166300/831.5	100%	0.281	0.171	-0.08	23.02	24.30	1.343	0.377	22.3
Bottom side	20	QPSK 1_53	166300/831.5	100%	0.105	0.060	-0.14	23.02	24.30	1.343	0.141	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	20	QPSK 50_28	166300/831.5	100%	0.137	0.087	-0.03	23.10	24.30	1.318	0.181	22.3
Back side	20	QPSK 50_28	166300/831.5	100%	0.190	0.117	0.18	23.10	24.30	1.318	0.250	22.3
Right side	20	QPSK 50_28	166300/831.5	100%	0.285	0.175	0.16	23.10	24.30	1.318	0.376	22.3
Bottom side	20	QPSK 50_28	166300/831.5	100%	0.104	0.058	-0.10	23.10	24.30	1.318	0.137	22.3

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10.2.18 SAR Result of NR Band n38

N38 SAR Test Record												
Ant 5 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_53	520000/2600	100%	0.124	0.065	0.03	23.60	24.20	1.148	0.142	22.3
Left tilted	40	QPSK 1_53	520000/2600	100%	0.088	0.042	0.13	23.60	24.20	1.148	0.101	22.3
Right cheek	40	QPSK 1_53	520000/2600	100%	0.092	0.052	-0.15	23.60	24.20	1.148	0.106	22.3
Right tilted	40	QPSK 1_53	520000/2600	100%	0.072	0.036	0.01	23.60	24.20	1.148	0.083	22.3
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 50_28	520000/2600	100%	0.127	0.067	0.06	23.47	24.20	1.183	0.150	22.3
Left tilted	40	QPSK 50_28	520000/2600	100%	0.089	0.045	0.02	23.47	24.20	1.183	0.105	22.3
Right cheek	40	QPSK 50_28	520000/2600	100%	0.089	0.050	0.05	23.47	24.20	1.183	0.105	22.3
Right tilted	40	QPSK 50_28	520000/2600	100%	0.071	0.036	-0.16	23.47	24.20	1.183	0.084	22.3
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_53	520000/2600	100%	0.101	0.053	-0.10	20.62	20.90	1.067	0.108	22.3
Back side	40	QPSK 1_53	520000/2600	100%	0.153	0.076	0.07	20.62	20.90	1.067	0.163	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 50_28	520000/2600	100%	0.095	0.049	-0.07	20.49	20.90	1.099	0.104	22.3
Back side	40	QPSK 50_28	520000/2600	100%	0.209	0.110	0.04	20.49	20.90	1.099	0.230	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_53	520000/2600	100%	0.119	0.058	0.13	18.55	18.70	1.035	0.123	22.3
Back side	40	QPSK 1_53	520000/2600	100%	0.215	0.106	-0.04	18.55	18.70	1.035	0.223	22.3
Left side	40	QPSK 1_53	520000/2600	100%	0.038	0.019	0.13	18.55	18.70	1.035	0.039	22.3
Bottom side	40	QPSK 1_53	520000/2600	100%	0.340	0.161	0.10	18.55	18.70	1.035	0.352	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 50_28	520000/2600	100%	0.112	0.057	0.13	18.38	18.70	1.076	0.121	22.3
Back side	40	QPSK 50_28	520000/2600	100%	0.222	0.109	-0.08	18.38	18.70	1.076	0.239	22.3
Left side	40	QPSK 50_28	520000/2600	100%	0.035	0.015	0.13	18.38	18.70	1.076	0.038	22.3
Bottom side	40	QPSK 50_28	520000/2600	100%	0.387	0.185	-0.02	18.38	18.70	1.076	0.417	22.3
Ant 6 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_104	519000/2595	100%	0.287	0.152	-0.02	16.37	17.10	1.183	0.340	22.4
Left tilted	40	QPSK 1_104	519000/2595	100%	0.417	0.208	-0.06	16.37	17.10	1.183	0.493	22.4
Right cheek	40	QPSK 1_104	519000/2595	100%	0.519	0.253	0.17	16.37	17.10	1.183	0.614	22.4
Right tilted	40	QPSK 1_104	519000/2595	100%	0.554	0.295	-0.05	16.37	17.10	1.183	0.655	22.4

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Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 50_28	520000/2600	100%	0.288	0.152	-0.10	16.34	17.10	1.191	0.343	22.4
Left tilted	40	QPSK 50_28	520000/2600	100%	0.436	0.217	0.19	16.34	17.10	1.191	0.519	22.4
Right cheek	40	QPSK 50_28	520000/2600	100%	0.558	0.270	0.08	16.34	17.10	1.191	0.665	22.4
Right tilted	40	QPSK 50_28	520000/2600	100%	0.631	0.298	-0.06	16.34	17.10	1.191	0.752	22.4
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_104	520000/2600	100%	0.069	0.037	0.16	18.33	19.30	1.250	0.086	22.5
Back side	40	QPSK 1_104	520000/2600	100%	0.102	0.054	0.17	18.33	19.30	1.250	0.128	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 50_28	520000/2600	100%	0.075	0.042	-0.12	18.26	19.30	1.271	0.095	22.5
Back side	40	QPSK 50_28	520000/2600	100%	0.113	0.060	-0.17	18.26	19.30	1.271	0.144	22.5
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_104	519000/2595	100%	0.097	0.051	0.17	16.37	17.10	1.183	0.115	22.5
Back side	40	QPSK 1_104	519000/2595	100%	0.161	0.080	0.08	16.37	17.10	1.183	0.190	22.5
Left side	40	QPSK 1_104	519000/2595	100%	0.076	0.036	-0.02	16.37	17.10	1.183	0.090	22.5
Top side	40	QPSK 1_104	519000/2595	100%	0.313	0.149	-0.07	16.37	17.10	1.183	0.370	22.5
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 50_28	520000/2600	100%	0.100	0.052	-0.12	16.34	17.10	1.191	0.119	22.5
Back side	40	QPSK 50_28	520000/2600	100%	0.175	0.087	0.08	16.34	17.10	1.191	0.208	22.5
Left side	40	QPSK 50_28	520000/2600	100%	0.079	0.040	-0.10	16.34	17.10	1.191	0.094	22.5
Top side	40	QPSK 50_28	520000/2600	100%	0.329	0.157	0.11	16.34	17.10	1.191	0.392	22.5
Ant 7 Test Record												
Test position	**BW.**	**Modulation**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_104	520000/2600	100%	0.922	0.382	0.12	16.78	17.40	1.153	1.063	22.4
Left tilted	40	QPSK 1_104	520000/2600	100%	0.488	0.227	0.04	16.78	17.40	1.153	0.563	22.4
Right cheek	40	QPSK 1_104	520000/2600	100%	0.209	0.106	0.05	16.78	17.40	1.153	0.241	22.4
Right tilted	40	QPSK 1_104	520000/2600	100%	0.138	0.072	0.17	16.78	17.40	1.153	0.159	22.4
Left cheek	40	QPSK 1_104	518000/2590	100%	0.878	0.361	0.10	16.59	17.40	1.205	1.058	22.4
Left cheek	40	QPSK 1_104	519000/2595	100%	0.832	0.346	0.16	16.48	17.40	1.236	1.028	22.4
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 50_28	520000/2600	100%	0.941	0.384	0.09	16.50	17.40	1.230	1.158	22.4
Left cheek-Repeated	40	QPSK 50_28	520000/2600	100%	0.935	0.406	0.07	16.50	17.40	1.230	1.150	22.4
Left tilted	40	QPSK 50_28	520000/2600	100%	0.513	0.225	-0.18	16.50	17.40	1.230	0.631	22.4
Right cheek	40	QPSK 50_28	520000/2600	100%	0.162	0.085	0.03	16.50	17.40	1.230	0.199	22.4
Right tilted	40	QPSK 50_28	520000/2600	100%	0.130	0.067	0.11	16.50	17.40	1.230	0.160	22.4
Left cheek	40	QPSK 50_28	518000/2590	100%	0.803	0.334	-0.17	16.38	17.40	1.265	1.016	22.4
Left cheek	40	QPSK 50_28	519000/2595	100%	0.918	0.374	0.07	16.32	17.40	1.282	**1.177**	22.4
Head Test Data (100%RB) State 5												
Left cheek	40	QPSK 100_0	518000/2590	100%	0.687	0.302	0.05	15.69	16.40	1.178	0.809	22.4

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Head Test Data (1RB) State 10												
Left cheek	40	QPSK 1_104	520000/2600	100%	0.922	0.382	0.12	16.78	16.40	0.916	0.845	22.4
Left tilted	40	QPSK 1_104	520000/2600	100%	0.488	0.227	0.04	16.78	16.40	0.916	0.447	22.4
Right cheek	40	QPSK 1_104	520000/2600	100%	0.209	0.106	0.05	16.78	16.40	0.916	0.191	22.4
Right tilted	40	QPSK 1_104	520000/2600	100%	0.138	0.072	0.17	16.78	16.40	0.916	0.126	22.4
Left cheek	40	QPSK 1_104	518000/2590	100%	0.878	0.361	0.10	16.59	16.40	0.957	0.840	22.4
Left cheek	40	QPSK 1_104	519000/2595	100%	0.832	0.346	0.16	16.48	16.40	0.982	0.817	22.4
Head Test Data (50%RB) State 10												
Left cheek	40	QPSK 50_28	520000/2600	100%	0.941	0.384	0.09	16.50	16.40	0.977	0.920	22.4
Left tilted	40	QPSK 50_28	520000/2600	100%	0.513	0.225	-0.18	16.50	16.40	0.977	0.501	22.4
Right cheek	40	QPSK 50_28	520000/2600	100%	0.162	0.085	0.03	16.50	16.40	0.977	0.158	22.4
Right tilted	40	QPSK 50_28	520000/2600	100%	0.130	0.067	0.11	16.50	16.40	0.977	0.127	22.4
Left cheek	40	QPSK 50_28	518000/2590	100%	0.803	0.334	-0.17	16.38	16.40	1.005	0.807	22.4
Left cheek	40	QPSK 50_28	519000/2595	100%	0.918	0.374	0.07	16.32	16.40	1.019	0.935	22.4
Head Test Data (100%RB) State 10												
Left cheek	40	QPSK 100_0	518000/2590	100%	0.687	0.302	0.05	15.69	15.40	0.935	0.643	22.4
Head Test Data (1RB) State 5 with ENDC												
Left cheek	40	QPSK 1_104	520000/2600	100%	0.922	0.382	0.12	16.78	14.40	0.578	0.533	22.4
Left tilted	40	QPSK 1_104	520000/2600	100%	0.488	0.227	0.04	16.78	14.40	0.578	0.282	22.4
Right cheek	40	QPSK 1_104	520000/2600	100%	0.209	0.106	0.05	16.78	14.40	0.578	0.121	22.4
Right tilted	40	QPSK 1_104	520000/2600	100%	0.138	0.072	0.17	16.78	14.40	0.578	0.080	22.4
Left cheek	40	QPSK 1_104	518000/2590	100%	0.878	0.361	0.10	16.59	14.40	0.604	0.530	22.4
Left cheek	40	QPSK 1_104	519000/2595	100%	0.832	0.346	0.16	16.48	14.40	0.619	0.515	22.4
Head Test Data (50%RB) State 5 with ENDC												
Left cheek	40	QPSK 50_28	520000/2600	100%	0.941	0.384	0.09	16.50	14.40	0.617	0.580	22.4
Left tilted	40	QPSK 50_28	520000/2600	100%	0.513	0.225	-0.18	16.50	14.40	0.617	0.316	22.4
Right cheek	40	QPSK 50_28	520000/2600	100%	0.162	0.085	0.03	16.50	14.40	0.617	0.100	22.4
Right tilted	40	QPSK 50_28	520000/2600	100%	0.130	0.067	0.11	16.50	14.40	0.617	0.080	22.4
Left cheek	40	QPSK 50_28	518000/2590	100%	0.803	0.334	-0.17	16.38	14.40	0.634	0.509	22.4
Left cheek	40	QPSK 50_28	519000/2595	100%	0.918	0.374	0.07	16.32	14.40	0.643	0.590	22.4
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_104	520000/2600	100%	0.164	0.085	0.12	18.53	18.90	1.089	0.179	22.3
Back side	40	QPSK 1_104	520000/2600	100%	0.214	0.117	-0.12	18.53	18.90	1.089	0.233	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 50_28	520000/2600	100%	0.166	0.085	0.14	18.27	18.90	1.156	0.192	22.3
Back side	40	QPSK 50_28	520000/2600	100%	0.223	0.112	-0.02	18.27	18.90	1.156	**0.258**	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_104	520000/2600	100%	0.198	0.095	-0.16	17.54	18.20	1.164	0.230	22.3
Back side	40	QPSK 1_104	520000/2600	100%	0.390	0.178	-0.07	17.54	18.20	1.164	0.454	22.3
Right side	40	QPSK 1_104	520000/2600	100%	0.491	0.231	-0.04	17.54	18.20	1.164	0.572	22.3
Top side	40	QPSK 1_104	520000/2600	100%	0.074	0.041	0.15	17.54	18.20	1.164	0.086	22.3

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Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 50_28	520000/2600	100%	0.221	0.104	0.04	17.25	18.20	1.245	0.275	22.3
Back side	40	QPSK 50_28	520000/2600	100%	0.421	0.196	-0.16	17.25	18.20	1.245	0.524	22.3
Right side	40	QPSK 50_28	520000/2600	100%	0.614	0.284	-0.11	17.25	18.20	1.245	**0.764**	22.3
Top side	40	QPSK 50_28	520000/2600	100%	0.070	0.038	0.05	17.25	18.20	1.245	0.087	22.3
Hotspot Test data (Separate 10mm 1RB) State 8 with ENDC												
Front side	40	QPSK 1_104	520000/2600	100%	0.198	0.095	-0.16	17.54	15.20	0.583	0.116	22.3
Back side	40	QPSK 1_104	520000/2600	100%	0.390	0.178	-0.07	17.54	15.20	0.583	0.228	22.3
Right side	40	QPSK 1_104	520000/2600	100%	0.491	0.231	-0.04	17.54	15.20	0.583	0.286	22.3
Top side	40	QPSK 1_104	520000/2600	100%	0.074	0.041	0.15	17.54	15.20	0.583	0.043	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8 with ENDC												
Front side	40	QPSK 50_28	520000/2600	100%	0.221	0.104	0.04	17.25	15.20	0.624	0.138	22.3
Back side	40	QPSK 50_28	520000/2600	100%	0.421	0.196	-0.16	17.25	15.20	0.624	0.263	22.3
Right side	40	QPSK 50_28	520000/2600	100%	0.614	0.284	-0.11	17.25	15.20	0.624	0.383	22.3
Top side	40	QPSK 50_28	520000/2600	100%	0.070	0.038	0.05	17.25	15.20	0.624	0.044	22.3
Ant 11 Test Record												
Test position	**BW.**	**Modulation**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_53	518000/2590	100%	0.197	0.100	0.13	16.61	17.60	1.256	0.247	22.5
Left tilted	40	QPSK 1_53	518000/2590	100%	0.096	0.049	0.12	16.61	17.60	1.256	0.121	22.5
Right cheek	40	QPSK 1_53	518000/2590	100%	0.783	0.315	0.01	16.61	17.60	1.256	0.983	22.5
Right tilted	40	QPSK 1_53	518000/2590	100%	0.270	0.129	0.10	16.61	17.60	1.256	0.339	22.5
Right cheek	40	QPSK 1_53	519000/2595	100%	0.775	0.311	-0.09	16.59	17.60	1.262	0.978	22.5
Right cheek	40	QPSK 1_53	520000/2600	100%	0.758	0.299	-0.16	16.58	17.60	1.265	0.959	22.5
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 50_28	518000/2590	100%	0.200	0.102	-0.07	16.64	17.60	1.247	0.249	22.5
Left tilted	40	QPSK 50_28	518000/2590	100%	0.099	0.052	-0.15	16.64	17.60	1.247	0.123	22.5
Right cheek	40	QPSK 50_28	518000/2590	100%	0.792	0.318	0.07	16.64	17.60	1.247	0.988	22.5
Right tilted	40	QPSK 50_28	518000/2590	100%	0.268	0.129	0.19	16.64	17.60	1.247	0.334	22.5
Right cheek	40	QPSK 50_28	519000/2595	100%	0.773	0.303	-0.04	16.62	17.60	1.253	0.969	22.5
Right cheek	40	QPSK 50_28	520000/2600	100%	0.764	0.296	-0.18	16.61	17.60	1.256	0.960	22.5
Head Test Data (100%RB) State 5												
Right cheek	40	QPSK 100_0	519000/2595	100%	0.549	0.261	-0.05	15.60	16.60	1.259	0.691	22.5
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_53	518000/2590	100%	0.197	0.100	0.13	16.61	14.60	0.630	0.124	22.5
Left tilted	40	QPSK 1_53	518000/2590	100%	0.096	0.049	0.12	16.61	14.60	0.630	0.060	22.5
Right cheek	40	QPSK 1_53	518000/2590	100%	0.783	0.315	0.01	16.61	14.60	0.630	0.493	22.5
Right tilted	40	QPSK 1_53	518000/2590	100%	0.270	0.129	0.10	16.61	14.60	0.630	0.170	22.5
Right cheek	40	QPSK 1_53	519000/2595	100%	0.775	0.311	-0.09	16.59	14.60	0.632	0.490	22.5
Right cheek	40	QPSK 1_53	520000/2600	100%	0.758	0.299	-0.16	16.58	14.60	0.634	0.480	22.5

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Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 50_28	518000/2590	100%	0.200	0.102	-0.07	16.64	14.60	0.625	0.125	22.5
Left tilted	40	QPSK 50_28	518000/2590	100%	0.099	0.052	-0.15	16.64	14.60	0.625	0.062	22.5
Right cheek	40	QPSK 50_28	518000/2590	100%	0.792	0.318	0.07	16.64	14.60	0.625	0.495	22.5
Right tilted	40	QPSK 50_28	518000/2590	100%	0.268	0.129	0.19	16.64	14.60	0.625	0.168	22.5
Right cheek	40	QPSK 50_28	519000/2595	100%	0.773	0.303	-0.04	16.62	14.60	0.628	0.485	22.5
Right cheek	40	QPSK 50_28	520000/2600	100%	0.764	0.296	-0.18	16.61	14.60	0.630	0.481	22.5
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_53	518000/2590	100%	0.114	0.059	-0.10	17.63	18.50	1.222	0.139	22.3
Back side	40	QPSK 1_53	518000/2590	100%	0.201	0.098	0.02	17.63	18.50	1.222	0.246	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 50_28	519000/2595	100%	0.113	0.059	-0.10	17.65	18.50	1.216	0.137	22.3
Back side	40	QPSK 50_28	519000/2595	100%	0.201	0.099	-0.07	17.65	18.50	1.216	0.244	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_53	519000/2595	100%	0.164	0.080	0.04	16.16	17.10	1.242	0.204	22.3
Back side	40	QPSK 1_53	519000/2595	100%	0.295	0.136	0.01	16.16	17.10	1.242	0.366	22.3
Left side	40	QPSK 1_53	519000/2595	100%	0.446	0.200	0.16	16.16	17.10	1.242	0.554	22.3
Top side	40	QPSK 1_53	519000/2595	100%	0.068	0.035	0.06	16.16	17.10	1.242	0.084	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 50_28	519000/2595	100%	0.164	0.079	0.02	16.20	17.10	1.230	0.202	22.3
Back side	40	QPSK 50_28	519000/2595	100%	0.306	0.137	0.13	16.20	17.10	1.230	0.376	22.3
Left side	40	QPSK 50_28	519000/2595	100%	0.453	0.202	-0.01	16.20	17.10	1.230	0.557	22.3
Top side	40	QPSK 50_28	519000/2595	100%	0.073	0.039	-0.13	16.20	17.10	1.230	0.090	22.3

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10.2.19 SAR Result of NR Band n41

N41 SAR Test Record												
Ant 5 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	100	QPSK 1_1	513900/2569.5	100%	0.249	0.134	-0.17	25.81	27.20	1.377	0.343	22.5
Left tilted	100	QPSK 1_1	513900/2569.5	100%	0.098	0.053	-0.14	25.81	27.20	1.377	0.135	22.5
Right cheek	100	QPSK 1_1	513900/2569.5	100%	0.241	0.128	-0.02	25.81	27.20	1.377	0.332	22.5
Right tilted	100	QPSK 1_1	513900/2569.5	100%	0.119	0.062	-0.14	25.81	27.20	1.377	0.164	22.5
Head Test Data (50%RB) State 5												
Left cheek	100	QPSK 135_69	509202/2546.01	100%	0.247	0.132	0.08	25.70	27.20	1.413	0.349	22.5
Left tilted	100	QPSK 135_69	509202/2546.01	100%	0.095	0.050	0.17	25.70	27.20	1.413	0.134	22.5
Right cheek	100	QPSK 135_69	509202/2546.01	100%	0.218	0.115	-0.04	25.70	27.20	1.413	0.308	22.5
Right tilted	100	QPSK 135_69	509202/2546.01	100%	0.107	0.056	-0.10	25.70	27.20	1.413	0.151	22.5
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	100	QPSK 1_1	513900/2569.5	100%	0.104	0.055	-0.13	19.48	20.60	1.294	0.135	22.3
Back side	100	QPSK 1_1	513900/2569.5	100%	0.216	0.115	0.06	19.48	20.60	1.294	**0.280**	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	100	QPSK 135_69	509202/2546.01	100%	0.102	0.055	0.00	19.41	20.60	1.315	0.134	22.3
Back side	100	QPSK 135_69	509202/2546.01	100%	0.161	0.084	-0.16	19.41	20.60	1.315	0.212	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	100	QPSK 1_1	513900/2569.5	100%	0.118	0.060	0.19	17.25	18.40	1.303	0.154	22.3
Back side	100	QPSK 1_1	513900/2569.5	100%	0.227	0.111	-0.14	17.25	18.40	1.303	0.296	22.3
Left side	100	QPSK 1_1	513900/2569.5	100%	0.046	0.025	0.12	17.25	18.40	1.303	0.060	22.3
Bottom side	100	QPSK 1_1	513900/2569.5	100%	0.347	0.164	-0.11	17.25	18.40	1.303	0.452	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	100	QPSK 135_69	509202/2546.01	100%	0.122	0.061	0.07	17.24	18.40	1.306	0.159	22.3
Back side	100	QPSK 135_69	509202/2546.01	100%	0.215	0.010	-0.05	17.24	18.40	1.306	0.281	22.3
Left side	100	QPSK 135_69	509202/2546.01	100%	0.050	0.026	0.14	17.24	18.40	1.306	0.065	22.3
Bottom side	100	QPSK 135_69	509202/2546.01	100%	0.314	0.154	0.08	17.24	18.40	1.306	0.410	22.3

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Ant 6 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	100	QPSK 1_1	513900/2569.5	100%	0.393	0.205	0.02	17.36	18.00	1.159	0.455	22.4
Left tilted	100	QPSK 1_1	513900/2569.5	100%	0.627	0.310	-0.11	17.36	18.00	1.159	0.727	22.4
Right cheek	100	QPSK 1_1	513900/2569.5	100%	0.609	0.320	-0.05	17.36	18.00	1.159	0.706	22.4
Right tilted	100	QPSK 1_1	513900/2569.5	100%	0.654	0.347	0.13	17.36	18.00	1.159	0.758	22.4
Right cheek	100	QPSK 1_137	509202/2546.01	100%	0.590	0.297	0.07	17.32	18.00	1.169	0.690	22.4
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.600	0.300	0.11	17.24	18.00	1.191	0.715	22.4
Right cheek	100	QPSK 1_137	523302/2616.51	100%	0.504	0.251	-0.02	17.24	18.00	1.191	0.600	22.4
Right cheek	100	QPSK 1_1	528000/2640	100%	0.537	0.266	0.12	17.10	18.00	1.230	0.661	22.4
Right cheek	100	QPSK 1_137	509202/2546.01	100%	0.605	0.319	0.00	17.32	18.00	1.169	0.708	22.4
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.610	0.320	0.10	17.24	18.00	1.191	0.727	22.4
Right cheek	100	QPSK 1_137	523302/2616.51	100%	0.612	0.306	0.17	17.24	18.00	1.191	0.729	22.4
Right cheek	100	QPSK 1_1	528000/2640	100%	0.613	0.312	-0.07	17.10	18.00	1.230	0.754	22.4
Right tilted	100	QPSK 1_137	509202/2546.01	100%	0.748	0.352	0.00	17.32	18.00	1.169	0.875	22.4
Right tilted	100	QPSK 1_1	518598/2592.99	100%	0.739	0.352	0.00	17.24	18.00	1.191	0.880	22.4
Right tilted	100	QPSK 1_137	523302/2616.51	100%	0.725	0.338	-0.04	17.24	18.00	1.191	0.864	22.4
Right tilted	100	QPSK 1_1	528000/2640	100%	0.839	0.399	0.01	17.10	18.00	1.230	1.032	22.4
Right tilted-Repeated	100	QPSK 1_1	528000/2640	100%	0.835	0.397	0.04	17.10	18.00	1.230	1.027	22.4
Head Test Data (50%RB) State 5												
Left cheek	100	QPSK 135_69	513900/2569.5	100%	0.364	0.193	0.06	17.27	18.00	1.183	0.431	22.4
Left tilted	100	QPSK 135_69	513900/2569.5	100%	0.552	0.277	-0.05	17.27	18.00	1.183	0.653	22.4
Right cheek	100	QPSK 135_69	513900/2569.5	100%	0.609	0.318	-0.18	17.27	18.00	1.183	0.720	22.4
Right tilted	100	QPSK 135_69	513900/2569.5	100%	0.673	0.363	-0.12	17.27	18.00	1.183	0.796	22.4
Left tilted	100	QPSK 135_69	509202/2546.01	100%	0.599	0.301	-0.01	17.16	18.00	1.213	0.727	22.4
Left tilted	100	QPSK 135_69	518598/2592.99	100%	0.542	0.270	0.14	17.18	18.00	1.208	0.655	22.4
Left tilted	100	QPSK 135_69	523302/2616.51	100%	0.511	0.255	0.18	17.20	18.00	1.202	0.614	22.4
Left tilted	100	QPSK 135_69	528000/2640	100%	0.475	0.237	-0.12	17.03	18.00	1.250	0.594	22.4
Right cheek	100	QPSK 135_69	509202/2546.01	100%	0.607	0.319	0.10	17.16	18.00	1.213	0.737	22.4
Right cheek	100	QPSK 135_69	518598/2592.99	100%	0.615	0.314	0.13	17.18	18.00	1.208	0.743	22.4
Right cheek	100	QPSK 135_69	523302/2616.51	100%	0.612	0.306	0.04	17.20	18.00	1.202	0.736	22.4
Right cheek	100	QPSK 135_69	528000/2640	100%	0.585	0.284	-0.06	17.03	18.00	1.250	0.731	22.4
Right tilted	100	QPSK 135_69	509202/2546.01	100%	0.762	0.359	0.01	17.16	18.00	1.213	0.925	22.4
Right tilted	100	QPSK 135_69	518598/2592.99	100%	0.789	0.375	-0.14	17.18	18.00	1.208	0.953	22.4
Right tilted	100	QPSK 135_69	523302/2616.51	100%	0.755	0.358	-0.01	17.20	18.00	1.202	0.908	22.4
Right tilted	100	QPSK 135_69	528000/2640	100%	0.634	0.335	0.04	17.03	18.00	1.250	0.793	22.4
Head Test Data (100%RB) State 5												
Right tilted	100	QPSK 270_0	523302/2616.51	100%	0.495	0.263	0.06	16.18	17.00	1.208	0.598	22.4

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Body worn Test data (Separate 15mm 1RB) State 3												
Front side	100	QPSK 1_137	509202/2546.01	100%	0.101	0.055	0.10	18.88	19.60	1.180	0.119	22.5
Back side	100	QPSK 1_137	509202/2546.01	100%	0.165	0.087	0.17	18.88	19.60	1.180	0.195	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	100	QPSK 135_69	513900/2569.5	100%	0.100	0.054	-0.04	18.77	19.60	1.211	0.121	22.5
Back side	100	QPSK 135_69	513900/2569.5	100%	0.159	0.084	-0.15	18.77	19.60	1.211	0.192	22.5
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	100	QPSK 1_1	518598/2592.99	100%	0.096	0.051	-0.06	16.25	17.30	1.274	0.122	22.5
Back side	100	QPSK 1_1	518598/2592.99	100%	0.171	0.087	0.00	16.25	17.30	1.274	0.218	22.5
Left side	100	QPSK 1_1	518598/2592.99	100%	0.092	0.043	-0.04	16.25	17.30	1.274	0.117	22.5
Top side	100	QPSK 1_1	518598/2592.99	100%	0.360	0.178	0.01	16.25	17.30	1.274	**0.458**	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	100	QPSK 135_69	528000/2640	100%	0.079	0.042	0.03	16.23	17.30	1.279	0.101	22.5
Back side	100	QPSK 135_69	528000/2640	100%	0.126	0.064	-0.08	16.23	17.30	1.279	0.161	22.5
Left side	100	QPSK 135_69	528000/2640	100%	0.077	0.036	0.01	16.23	17.30	1.279	0.099	22.5
Top side	100	QPSK 135_69	528000/2640	100%	0.256	0.122	0.12	16.23	17.30	1.279	0.328	22.5
Ant 7 Test Record												
Test position	**BW.**	**Modulation**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	100	QPSK 1_271	528000/2640	100%	0.297	0.131	-0.09	13.50	14.50	1.259	0.374	22.5
Left tilted	100	QPSK 1_271	528000/2640	100%	0.149	0.068	-0.05	13.50	14.50	1.259	0.188	22.5
Right cheek	100	QPSK 1_271	528000/2640	100%	0.056	0.029	-0.04	13.50	14.50	1.259	0.070	22.5
Right tilted	100	QPSK 1_271	528000/2640	100%	0.037	0.020	0.08	13.50	14.50	1.259	0.047	22.5
Head Test Data (50%RB) State 5												
Left cheek	100	QPSK 135_69	509202/2546.01	100%	0.374	0.630	-0.01	13.37	14.50	1.297	0.485	22.5
Left tilted	100	QPSK 135_69	509202/2546.01	100%	0.186	0.082	-0.03	13.37	14.50	1.297	0.241	22.5
Right cheek	100	QPSK 135_69	509202/2546.01	100%	0.075	0.039	0.12	13.37	14.50	1.297	0.097	22.5
Right tilted	100	QPSK 135_69	509202/2546.01	100%	0.052	0.028	-0.16	13.37	14.50	1.297	0.067	22.5
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	100	QPSK 1_271	528000/2640	100%	0.050	0.026	-0.13	15.98	17.00	1.265	0.063	22.3
Back side	100	QPSK 1_271	528000/2640	100%	0.098	0.049	0.03	15.98	17.00	1.265	0.124	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	100	QPSK 135_69	523302/2616.51	100%	0.084	0.044	-0.12	15.81	17.00	1.315	0.110	22.3
Back side	100	QPSK 135_69	523302/2616.51	100%	0.155	0.078	0.12	15.81	17.00	1.315	0.204	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	100	QPSK 1_271	528000/2640	100%	0.075	0.036	0.14	14.50	15.30	1.202	0.090	22.3
Back side	100	QPSK 1_271	528000/2640	100%	0.141	0.066	0.00	14.50	15.30	1.202	0.170	22.3
Right side	100	QPSK 1_271	528000/2640	100%	0.200	0.092	-0.10	14.50	15.30	1.202	0.240	22.3
Top side	100	QPSK 1_271	528000/2640	100%	0.008	0.003	-0.07	14.50	15.30	1.202	0.010	22.3

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Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	100	QPSK 135_69	513900/2569.5	100%	0.109	0.052	-0.02	14.35	15.30	1.245	0.136	22.3
Back side	100	QPSK 135_69	513900/2569.5	100%	0.214	0.097	0.04	14.35	15.30	1.245	0.266	22.3
Right side	100	QPSK 135_69	513900/2569.5	100%	0.260	0.123	-0.06	14.35	15.30	1.245	0.324	22.3
Top side	100	QPSK 135_69	513900/2569.5	100%	0.009	0.003	-0.12	14.35	15.30	1.245	0.011	22.3
Ant 11 Test Record												
Test position	**BW.**	**Modulation**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	100	QPSK 1_137	509202/2546.01	100%	0.170	0.089	0.19	16.13	17.20	1.279	0.217	22.5
Left tilted	100	QPSK 1_137	509202/2546.01	100%	0.084	0.044	0.13	16.13	17.20	1.279	0.107	22.5
Right cheek	100	QPSK 1_137	509202/2546.01	100%	0.796	0.318	-0.01	16.13	17.20	1.279	1.018	22.5
Right tilted	100	QPSK 1_137	509202/2546.01	100%	0.224	0.108	0.11	16.13	17.20	1.279	0.287	22.5
Right cheek	100	QPSK 1_1	513900/2569.5	100%	0.838	0.335	0.09	16.04	17.20	1.306	1.095	22.5
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.819	0.327	0.02	15.90	17.20	1.349	**1.105**	22.5
Right cheek	100	QPSK 1_137	523302/2616.51	100%	0.598	0.241	0.09	15.96	17.20	1.330	0.796	22.5
Right cheek	100	QPSK 1_137	528000/2640	100%	0.572	0.232	0.02	15.99	17.20	1.321	0.756	22.5
Head Test Data (50%RB) State 5												
Left cheek	100	QPSK 135_69	509202/2546.01	100%	0.175	0.092	-0.06	16.06	17.20	1.300	0.228	22.5
Left tilted	100	QPSK 135_69	509202/2546.01	100%	0.093	0.047	0.12	16.06	17.20	1.300	0.121	22.5
Right cheek	100	QPSK 135_69	509202/2546.01	100%	0.801	0.320	0.08	16.06	17.20	1.300	1.041	22.5
Right tilted	100	QPSK 135_69	509202/2546.01	100%	0.269	0.129	-0.11	16.06	17.20	1.300	0.350	22.5
Right cheek	100	QPSK 135_69	513900/2569.5	100%	0.735	0.293	0.06	16.00	17.20	1.318	0.969	22.5
Right cheek	100	QPSK 135_69	518598/2592.99	100%	0.668	0.267	0.06	15.97	17.20	1.327	0.887	22.5
Right cheek	100	QPSK 135_69	523302/2616.51	100%	0.616	0.248	0.03	15.93	17.20	1.340	0.825	22.5
Right cheek	100	QPSK 135_69	528000/2640	100%	0.597	0.241	0.05	15.80	17.20	1.380	0.824	22.5
Head Test Data (100%RB) State 5												
Right cheek	100	QPSK 270_0	523302/2616.51	100%	0.525	0.208	0.02	15.02	16.20	1.312	0.689	22.5
Head Test Data (1RB) State 5 with ENDC												
Left cheek	100	QPSK 1_137	509202/2546.01	100%	0.170	0.089	0.19	16.13	11.20	0.321	0.055	22.5
Left tilted	100	QPSK 1_137	509202/2546.01	100%	0.084	0.044	0.13	16.13	11.20	0.321	0.027	22.5
Right cheek	100	QPSK 1_137	509202/2546.01	100%	0.796	0.318	-0.01	16.13	11.20	0.321	0.256	22.5
Right tilted	100	QPSK 1_137	509202/2546.01	100%	0.224	0.108	0.11	16.13	11.20	0.321	0.072	22.5
Right cheek	100	QPSK 1_1	513900/2569.5	100%	0.838	0.335	0.09	16.04	11.20	0.328	0.275	22.5
Right cheek	100	QPSK 1_1	518598/2592.99	100%	0.819	0.327	0.02	15.90	11.20	0.339	0.278	22.5
Right cheek	100	QPSK 1_137	523302/2616.51	100%	0.598	0.241	0.09	15.96	11.20	0.334	0.200	22.5
Right cheek	100	QPSK 1_137	528000/2640	100%	0.572	0.232	0.02	15.99	11.20	0.332	0.190	22.5

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Head Test Data (50%RB) State 5 with ENDC												
Left cheek	100	QPSK 135_69	509202/2546.01	100%	0.175	0.092	-0.06	16.06	11.20	0.327	0.057	22.5
Left tilted	100	QPSK 135_69	509202/2546.01	100%	0.093	0.047	0.12	16.06	11.20	0.327	0.030	22.5
Right cheek	100	QPSK 135_69	509202/2546.01	100%	0.801	0.320	0.08	16.06	11.20	0.327	0.262	22.5
Right tilted	100	QPSK 135_69	509202/2546.01	100%	0.269	0.129	-0.11	16.06	11.20	0.327	0.088	22.5
Right cheek	100	QPSK 135_69	513900/2569.5	100%	0.735	0.293	0.06	16.00	11.20	0.331	0.243	22.5
Right cheek	100	QPSK 135_69	518598/2592.99	100%	0.668	0.267	0.06	15.97	11.20	0.333	0.223	22.5
Right cheek	100	QPSK 135_69	523302/2616.51	100%	0.616	0.248	0.03	15.93	11.20	0.337	0.207	22.5
Right cheek	100	QPSK 135_69	528000/2640	100%	0.597	0.241	0.05	15.80	11.20	0.347	0.207	22.5
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	100	QPSK 1_137	509202/2546.01	100%	0.067	0.035	-0.12	16.58	17.70	1.294	0.087	22.3
Back side	100	QPSK 1_137	509202/2546.01	100%	0.128	0.062	0.11	16.58	17.70	1.294	0.166	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	100	QPSK 135_69	509202/2546.01	100%	0.074	0.037	-0.08	16.54	17.70	1.306	0.097	22.3
Back side	100	QPSK 135_69	509202/2546.01	100%	0.131	0.063	-0.18	16.54	17.70	1.306	0.171	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	100	QPSK 1_137	509202/2546.01	100%	0.114	0.055	0.10	15.56	16.70	1.300	0.148	22.3
Back side	100	QPSK 1_137	509202/2546.01	100%	0.216	0.097	-0.03	15.56	16.70	1.300	0.281	22.3
Left side	100	QPSK 1_137	509202/2546.01	100%	0.313	0.136	0.10	15.56	16.70	1.300	0.407	22.3
Top side	100	QPSK 1_137	509202/2546.01	100%	0.054	0.027	-0.03	15.56	16.70	1.300	0.070	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	100	QPSK 135_69	509202/2546.01	100%	0.121	0.058	-0.04	15.55	16.70	1.303	0.158	22.3
Back side	100	QPSK 135_69	509202/2546.01	100%	0.236	0.102	-0.11	15.55	16.70	1.303	0.308	22.3
Left side	100	QPSK 135_69	509202/2546.01	100%	0.339	0.154	-0.17	15.55	16.70	1.303	0.442	22.3
Top side	100	QPSK 135_69	509202/2546.01	100%	0.051	0.028	0.10	15.55	16.70	1.303	0.066	22.3

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10.2.20 SAR Result of NR Band n66

N66 SAR Test Record												
Ant 5 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	349000/1745	100%	0.130	0.082	-0.02	24.57	25.90	1.358	0.177	22.4
Left tilted	40	QPSK 1_108	349000/1745	100%	0.080	0.048	-0.04	24.57	25.90	1.358	0.109	22.4
Right cheek	40	QPSK 1_108	349000/1745	100%	0.178	0.108	-0.11	24.57	25.90	1.358	0.242	22.4
Right tilted	40	QPSK 1_108	349000/1745	100%	0.057	0.036	0.00	24.57	25.90	1.358	0.077	22.4
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	349000/1745	100%	0.126	0.080	0.03	24.56	25.90	1.361	0.172	22.4
Left tilted	40	QPSK 108_54	349000/1745	100%	0.078	0.046	0.10	24.56	25.90	1.361	0.106	22.4
Right cheek	40	QPSK 108_54	349000/1745	100%	0.169	0.103	-0.08	24.56	25.90	1.361	0.230	22.4
Right tilted	40	QPSK 108_54	349000/1745	100%	0.058	0.035	-0.05	24.56	25.90	1.361	0.079	22.4
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	349000/1745	100%	0.121	0.073	0.16	19.53	20.30	1.194	0.144	22.5
Back side	40	QPSK 1_108	349000/1745	100%	0.169	0.098	0.17	19.53	20.30	1.194	0.202	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	349000/1745	100%	0.117	0.069	0.04	19.46	20.30	1.213	0.142	22.5
Back side	40	QPSK 108_54	349000/1745	100%	0.203	0.120	0.14	19.46	20.30	1.213	**0.246**	22.5
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_108	349000/1745	100%	0.154	0.085	0.09	17.16	18.10	1.242	0.191	22.5
Back side	40	QPSK 1_108	349000/1745	100%	0.218	0.115	-0.18	17.16	18.10	1.242	0.271	22.5
Left side	40	QPSK 1_108	349000/1745	100%	0.064	0.035	0.11	17.16	18.10	1.242	0.079	22.5
Bottom side	40	QPSK 1_108	349000/1745	100%	0.285	0.159	0.06	17.16	18.10	1.242	**0.354**	22.5
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	349000/1745	100%	0.156	0.086	-0.08	17.16	18.10	1.242	0.194	22.5
Back side	40	QPSK 108_54	349000/1745	100%	0.216	0.113	-0.07	17.16	18.10	1.242	0.268	22.5
Left side	40	QPSK 108_54	349000/1745	100%	0.062	0.035	0.18	17.16	18.10	1.242	0.077	22.5
Bottom side	40	QPSK 108_54	349000/1745	100%	0.279	0.151	0.07	17.16	18.10	1.242	0.346	22.5
Ant 6 Test Record												
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	349000/1745	100%	0.278	0.183	-0.13	17.24	18.10	1.219	0.339	22.4
Left tilted	40	QPSK 1_108	349000/1745	100%	0.415	0.246	0.02	17.24	18.10	1.219	0.506	22.4
Right cheek	40	QPSK 1_108	349000/1745	100%	0.583	0.330	0.02	17.24	18.10	1.219	0.711	22.4
Right tilted	40	QPSK 1_108	349000/1745	100%	0.580	0.281	0.02	17.24	18.10	1.219	0.707	22.4

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Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	349000/1745	100%	0.275	0.182	-0.06	17.17	18.10	1.239	0.341	22.4
Left tilted	40	QPSK 108_54	349000/1745	100%	0.419	0.249	0.12	17.17	18.10	1.239	0.519	22.4
Right cheek	40	QPSK 108_54	349000/1745	100%	0.640	0.366	-0.08	17.17	18.10	1.239	**0.793**	22.4
Right tilted	40	QPSK 108_54	349000/1745	100%	0.591	0.322	0.14	17.17	18.10	1.239	0.732	22.4
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	349000/1745	100%	0.092	0.058	0.12	18.29	18.90	1.151	0.106	22.5
Back side	40	QPSK 1_108	349000/1745	100%	0.134	0.083	0.02	18.29	18.90	1.151	0.154	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	349000/1745	100%	0.093	0.059	-0.05	18.17	18.90	1.183	0.110	22.5
Back side	40	QPSK 108_54	349000/1745	100%	0.134	0.082	0.19	18.17	18.90	1.183	0.159	22.5
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_1	346000/1730	100%	0.086	0.053	-0.04	15.81	16.70	1.227	0.106	22.5
Back side	40	QPSK 1_1	346000/1730	100%	0.140	0.084	-0.09	15.81	16.70	1.227	0.172	22.5
Left side	40	QPSK 1_1	346000/1730	100%	0.035	0.016	0.17	15.81	16.70	1.227	0.043	22.5
Top side	40	QPSK 1_1	346000/1730	100%	0.198	0.108	-0.13	15.81	16.70	1.227	0.243	22.5
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	349000/1745	100%	0.086	0.054	0.18	15.70	16.70	1.259	0.108	22.5
Back side	40	QPSK 108_54	349000/1745	100%	0.138	0.082	0.14	15.70	16.70	1.259	0.174	22.5
Left side	40	QPSK 108_54	349000/1745	100%	0.040	0.019	0.15	15.70	16.70	1.259	0.050	22.5
Top side	40	QPSK 108_54	349000/1745	100%	0.168	0.093	-0.03	15.70	16.70	1.259	0.211	22.5
Ant 7 Test Record												
Test position	**BW.**	**Modulation**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	349000/1745	100%	0.586	0.302	-0.05	16.45	17.00	1.135	0.665	22.5
Left tilted	40	QPSK 1_108	349000/1745	100%	0.224	0.111	0.07	16.45	17.00	1.135	0.254	22.5
Right cheek	40	QPSK 1_108	349000/1745	100%	0.128	0.080	-0.09	16.45	17.00	1.135	0.145	22.5
Right tilted	40	QPSK 1_108	349000/1745	100%	0.077	0.044	0.07	16.45	17.00	1.135	0.087	22.5
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	349000/1745	100%	0.584	0.297	0.06	16.39	17.00	1.151	0.672	22.5
Left tilted	40	QPSK 108_54	349000/1745	100%	0.219	0.110	-0.02	16.39	17.00	1.151	0.252	22.5
Right cheek	40	QPSK 108_54	349000/1745	100%	0.128	0.078	-0.08	16.39	17.00	1.151	0.147	22.5
Right tilted	40	QPSK 108_54	349000/1745	100%	0.078	0.045	-0.09	16.39	17.00	1.151	0.090	22.5
Head Test Data (1RB) State 5 with ENDC												
Left cheek	40	QPSK 1_108	349000/1745	100%	0.586	0.302	-0.05	16.45	12.30	0.385	0.225	22.5
Left tilted	40	QPSK 1_108	349000/1745	100%	0.224	0.111	0.07	16.45	12.30	0.385	0.086	22.5
Right cheek	40	QPSK 1_108	349000/1745	100%	0.128	0.080	-0.09	16.45	12.30	0.385	0.049	22.5
Right tilted	40	QPSK 1_108	349000/1745	100%	0.077	0.044	0.07	16.45	12.30	0.385	0.030	22.5

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Head Test Data (50%RB) State 5 with ENDC												
Left cheek	40	QPSK 108_54	349000/1745	100%	0.584	0.297	0.06	16.39	12.30	0.390	0.228	22.5
Left tilted	40	QPSK 108_54	349000/1745	100%	0.219	0.110	-0.02	16.39	12.30	0.390	0.085	22.5
Right cheek	40	QPSK 108_54	349000/1745	100%	0.128	0.078	-0.08	16.39	12.30	0.390	0.050	22.5
Right tilted	40	QPSK 108_54	349000/1745	100%	0.078	0.045	-0.09	16.39	12.30	0.390	0.030	22.5
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	349000/1745	100%	0.058	0.033	0.04	18.46	19.10	1.159	0.067	22.3
Back side	40	QPSK 1_108	349000/1745	100%	0.080	0.047	-0.06	18.46	19.10	1.159	0.093	22.3
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	349000/1745	100%	0.058	0.033	-0.02	18.44	19.10	1.164	0.068	22.3
Back side	40	QPSK 108_54	349000/1745	100%	0.082	0.048	0.13	18.44	19.10	1.164	0.095	22.3
Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_108	349000/1745	100%	0.085	0.044	0.06	16.45	17.00	1.135	0.096	22.3
Back side	40	QPSK 1_108	349000/1745	100%	0.124	0.066	0.18	16.45	17.00	1.135	0.141	22.3
Right side	40	QPSK 1_108	349000/1745	100%	0.184	0.094	-0.14	16.45	17.00	1.135	0.209	22.3
Top side	40	QPSK 1_108	349000/1745	100%	0.044	0.024	-0.12	16.45	17.00	1.135	0.050	22.3
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	349000/1745	100%	0.084	0.047	0.04	16.39	17.00	1.151	0.097	22.3
Back side	40	QPSK 108_54	349000/1745	100%	0.123	0.066	0.09	16.39	17.00	1.151	0.142	22.3
Right side	40	QPSK 108_54	349000/1745	100%	0.191	0.097	0.10	16.39	17.00	1.151	0.220	22.3
Top side	40	QPSK 108_54	349000/1745	100%	0.043	0.023	0.02	16.39	17.00	1.151	0.049	22.3
Ant 11 with ENDC Test Record												
Test position	**BW.**	**Modulation**	**Test ch./Freq.**	**Duty Cycle**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data (1RB) State 5												
Left cheek	40	QPSK 1_108	349000/1745	100%	0.162	0.097	0.06	19.69	20.40	1.178	0.191	22.5
Left tilted	40	QPSK 1_108	349000/1745	100%	0.054	0.033	0.05	19.69	20.40	1.178	0.064	22.5
Right cheek	40	QPSK 1_108	349000/1745	100%	0.622	0.305	0.11	19.69	20.40	1.178	0.732	22.5
Right tilted	40	QPSK 1_108	349000/1745	100%	0.167	0.093	0.10	19.69	20.40	1.178	0.197	22.5
Head Test Data (50%RB) State 5												
Left cheek	40	QPSK 108_54	349000/1745	100%	0.159	0.095	0.18	19.76	20.40	1.159	0.184	22.5
Left tilted	40	QPSK 108_54	349000/1745	100%	0.053	0.032	0.04	19.76	20.40	1.159	0.061	22.5
Right cheek	40	QPSK 108_54	349000/1745	100%	0.621	0.301	-0.14	19.76	20.40	1.159	0.720	22.5
Right tilted	40	QPSK 108_54	349000/1745	100%	0.171	0.096	-0.18	19.76	20.40	1.159	0.198	22.5
Body worn Test data (Separate 15mm 1RB) State 3												
Front side	40	QPSK 1_108	349000/1745	100%	0.048	0.028	-0.05	19.69	20.40	1.178	0.057	22.5
Back side	40	QPSK 1_108	349000/1745	100%	0.076	0.043	-0.09	19.69	20.40	1.178	0.089	22.5
Body worn Test data (Separate 15mm 50%RB) State 3												
Front side	40	QPSK 108_54	349000/1745	100%	0.049	0.028	0.03	19.76	20.40	1.159	0.057	22.5
Back side	40	QPSK 108_54	349000/1745	100%	0.075	0.042	0.07	19.76	20.40	1.159	0.087	22.5

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Hotspot Test data (Separate 10mm 1RB) State 8												
Front side	40	QPSK 1_1	346000/1730	100%	0.042	0.024	0.18	17.20	18.20	1.259	0.053	22.5
Back side	40	QPSK 1_1	346000/1730	100%	0.069	0.038	0.16	17.20	18.20	1.259	0.087	22.5
Left side	40	QPSK 1_1	346000/1730	100%	0.089	0.046	-0.18	17.20	18.20	1.259	0.112	22.5
Top side	40	QPSK 1_1	346000/1730	100%	0.008	0.003	0.07	17.20	18.20	1.259	0.010	22.5
Hotspot Test data (Separate 10mm 50%RB) State 8												
Front side	40	QPSK 108_54	349000/1745	100%	0.062	0.032	0.02	17.11	18.20	1.285	0.080	22.5
Back side	40	QPSK 108_54	349000/1745	100%	0.097	0.050	-0.02	17.11	18.20	1.285	0.125	22.5
Left side	40	QPSK 108_54	349000/1745	100%	0.129	0.065	0.09	17.11	18.20	1.285	0.166	22.5
Top side	40	QPSK 108_54	349000/1745	100%	0.009	0.004	0.01	17.11	18.20	1.285	0.012	22.5

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10.2.21 SAR Result of WIFI 2.4G

Wi-Fi 2.4G SAR Test Record												
Ant 7 Test Record chain0												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data												
Left cheek	802.11b	11/2462	99.56%	1.004	0.533	0.222	0.02	13.85	14.00	1.035	0.554	22.2
Left tilted	802.11b	11/2462	99.56%	1.004	0.221	0.101	0.19	13.85	14.00	1.035	0.230	22.2
Right cheek	802.11b	11/2462	99.56%	1.004	0.098	0.052	0.10	13.85	14.00	1.035	0.102	22.2
Right tilted	802.11b	11/2462	99.56%	1.004	0.071	0.036	-0.03	13.85	14.00	1.035	0.074	22.2
Head Test Data with Simultaneous transmission												
Left cheek	802.11b	11/2462	99.56%	1.004	0.533	0.222	0.02	13.85	11.50	0.582	0.312	22.2
Left tilted	802.11b	11/2462	99.56%	1.004	0.221	0.101	0.19	13.85	11.50	0.582	0.129	22.2
Right cheek	802.11b	11/2462	99.56%	1.004	0.098	0.052	0.10	13.85	11.50	0.582	0.057	22.2
Right tilted	802.11b	11/2462	99.56%	1.004	0.071	0.036	-0.03	13.85	11.50	0.582	0.042	22.2
Body worn Test data (Separate 15mm)												
Front side	802.11b	11/2462	99.56%	1.004	0.109	0.057	0.16	17.66	18.50	1.213	0.133	22.2
Back side	802.11b	11/2462	99.56%	1.004	0.195	0.102	0.14	17.66	18.50	1.213	0.238	22.2
Hotspot Test data (Separate 10mm)												
Front side	802.11b	11/2462	99.56%	1.004	0.222	0.110	-0.14	17.66	18.50	1.213	0.271	22.2
Back side	802.11b	11/2462	99.56%	1.004	0.409	0.193	-0.03	17.66	18.50	1.213	0.498	22.2
Right side	802.11b	11/2462	99.56%	1.004	0.610	0.292	-0.01	17.66	18.50	1.213	0.743	22.2
Top side	802.11b	11/2462	99.56%	1.004	0.057	0.031	-0.11	17.66	18.50	1.213	0.069	22.2
Hotspot Test data (Separate 10mm) with Simultaneous transmission												
Front side	802.11b	11/2462	99.56%	1.004	0.222	0.110	-0.14	17.66	16.50	0.766	0.171	22.2
Back side	802.11b	11/2462	99.56%	1.004	0.409	0.193	-0.03	17.66	16.50	0.766	0.315	22.2
Right side	802.11b	11/2462	99.56%	1.004	0.610	0.292	-0.01	17.66	16.50	0.766	0.469	22.2
Top side	802.11b	11/2462	99.56%	1.004	0.057	0.031	-0.11	17.66	16.50	0.766	0.044	22.2
Ant 12 Test Record chain1												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data												
Left cheek	802.11b	6/2437	99.56%	1.004	0.348	0.184	0.17	13.91	14.00	1.021	0.357	22.2
Left tilted	802.11b	6/2437	99.56%	1.004	0.389	0.205	-0.03	13.91	14.00	1.021	0.399	22.2
Right cheek	802.11b	6/2437	99.56%	1.004	0.228	0.124	0.05	13.91	14.00	1.021	0.234	22.2
Right tilted	802.11b	6/2437	99.56%	1.004	0.246	0.133	0.14	13.91	14.00	1.021	0.252	22.2

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Head Test Data with Simultaneous transmission												
Left cheek	802.11b	6/2437	99.56%	1.004	0.348	0.184	0.17	13.91	11.50	0.574	0.201	22.2
Left tilted	802.11b	6/2437	99.56%	1.004	0.389	0.205	-0.03	13.91	11.50	0.574	0.224	22.2
Right cheek	802.11b	6/2437	99.56%	1.004	0.228	0.124	0.05	13.91	11.50	0.574	0.131	22.2
Right tilted	802.11b	6/2437	99.56%	1.004	0.246	0.133	0.14	13.91	11.50	0.574	0.142	22.2
Body worn Test data (Separate 15mm)												
Front side	802.11b	6/2437	99.56%	1.004	0.098	0.056	-0.06	17.91	18.50	1.146	0.113	22.2
Back side	802.11b	6/2437	99.56%	1.004	0.175	0.099	-0.05	17.91	18.50	1.146	0.201	22.2
Hotspot Test data (Separate 10mm)												
Front side	802.11b	6/2437	99.56%	1.004	0.169	0.094	-0.08	17.91	18.50	1.146	0.194	22.2
Back side	802.11b	6/2437	99.56%	1.004	0.286	0.161	0.04	17.91	18.50	1.146	0.329	22.2
Right side	802.11b	6/2437	99.56%	1.004	0.124	0.059	-0.07	17.91	18.50	1.146	0.143	22.2
Top side	802.11b	6/2437	99.56%	1.004	0.433	0.221	0.11	17.91	18.50	1.146	0.498	22.2
MIMO Test Record												
Test position	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data												
Left cheek	802.11b	6/2437	99.56%	1.004	0.780	0.351	-0.06	16.80	17.00	1.047	**0.820**	22.2
Left tilted	802.11b	6/2437	99.56%	1.004	0.537	0.306	0.03	16.80	17.00	1.047	0.565	22.2
Right cheek	802.11b	6/2437	99.56%	1.004	0.285	0.157	0.18	16.80	17.00	1.047	0.300	22.2
Right tilted	802.11b	6/2437	99.56%	1.004	0.284	0.152	0.09	16.80	17.00	1.047	0.299	22.2
Left cheek	802.11b	11/2462	99.56%	1.004	0.628	0.301	0.01	16.52	17.00	1.117	0.704	22.2
Head Test Data with Simultaneous transmission												
Left cheek	802.11b	6/2437	99.56%	1.004	0.780	0.351	-0.06	16.80	14.50	0.589	0.461	22.2
Left tilted	802.11b	6/2437	99.56%	1.004	0.537	0.306	0.03	16.80	14.50	0.589	0.318	22.2
Right cheek	802.11b	6/2437	99.56%	1.004	0.285	0.157	0.18	16.80	14.50	0.589	0.169	22.2
Right tilted	802.11b	6/2437	99.56%	1.004	0.284	0.152	0.09	16.80	14.50	0.589	0.168	22.2
Left cheek	802.11b	11/2462	99.56%	1.004	0.628	0.301	0.01	16.52	14.50	0.628	0.396	22.2
Body worn Test data (Separate 15mm)												
Front side	802.11b	6/2437	99.56%	1.004	0.189	0.097	0.02	21.01	21.50	1.119	0.213	22.2
Back side	802.11b	6/2437	99.56%	1.004	0.262	0.139	0.06	21.01	21.50	1.119	**0.295**	22.2
Hotspot Test data (Separate 10mm)												
Front side	802.11b	6/2437	99.56%	1.004	0.419	0.209	0.13	21.01	21.50	1.119	0.471	22.2
Back side	802.11b	6/2437	99.56%	1.004	0.629	0.304	0.03	21.01	21.50	1.119	0.707	22.2
Right side	802.11b	6/2437	99.56%	1.004	0.759	0.362	-0.14	21.01	21.50	1.119	**0.853**	22.2
Top side	802.11b	6/2437	99.56%	1.004	0.364	0.193	0.07	21.01	21.50	1.119	0.409	22.2
Right side	802.11b	11/2462	99.56%	1.004	0.698	0.319	0.02	20.67	21.50	1.211	0.849	22.2
Hotspot Test data (Separate 10mm) with Simultaneous transmission												
Front side	802.11b	6/2437	99.56%	1.004	0.419	0.209	0.13	21.01	20.50	0.889	0.374	22.2
Back side	802.11b	6/2437	99.56%	1.004	0.629	0.304	0.03	21.01	20.50	0.889	0.562	22.2
Right side	802.11b	6/2437	99.56%	1.004	0.759	0.362	-0.14	21.01	20.50	0.889	0.678	22.2
Top side	802.11b	6/2437	99.56%	1.004	0.364	0.193	0.07	21.01	20.50	0.889	0.325	22.2
Right side	802.11b	11/2462	99.56%	1.004	0.698	0.319	0.02	20.67	20.50	0.962	0.674	22.2

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10.2.22 SAR Result of WIFI 5G

Wi-Fi 5G SAR Test Record												
Ant 9 Test Record chain0												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data of U-NII-2A												
Left cheek	802.11nHT40	54/5270	93.75%	1.067	0.308	0.125	-0.12	13.71	15.00	1.346	0.442	22.3
Left tilted	802.11nHT40	54/5270	93.75%	1.067	0.332	0.125	0.13	13.71	15.00	1.346	0.477	22.3
Right cheek	802.11nHT40	54/5270	93.75%	1.067	0.182	0.067	-0.05	13.71	15.00	1.346	0.261	22.3
Right tilted	802.11nHT40	54/5270	93.75%	1.067	0.226	0.081	0.01	13.71	15.00	1.346	0.324	22.3
Head Test Data of U-NII-2C												
Left cheek	802.11nHT40	102/5510	93.75%	1.067	0.454	0.161	-0.17	13.66	14.00	1.081	0.524	22.3
Left tilted	802.11nHT40	102/5510	93.75%	1.067	0.583	0.200	-0.02	13.66	14.00	1.081	0.673	22.3
Right cheek	802.11nHT40	102/5510	93.75%	1.067	0.274	0.098	-0.08	13.66	14.00	1.081	0.316	22.3
Right tilted	802.11nHT40	102/5510	93.75%	1.067	0.357	0.128	-0.12	13.66	14.00	1.081	0.412	22.3
Head Test Data of U-NII-3												
Left cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.354	0.127	-0.16	12.24	13.50	1.337	0.537	22.3
Left tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.447	0.164	0.07	12.24	13.50	1.337	0.679	22.3
Right cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.215	0.077	0.02	12.24	13.50	1.337	0.326	22.3
Right tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.277	0.100	-0.13	12.24	13.50	1.337	0.421	22.3
Head Test Data of U-NII-2A with Simultaneous transmission												
Left cheek	802.11nHT40	54/5270	93.75%	1.067	0.308	0.125	-0.12	13.71	13.00	0.849	0.279	22.3
Left tilted	802.11nHT40	54/5270	93.75%	1.067	0.332	0.125	0.13	13.71	13.00	0.849	0.301	22.3
Right cheek	802.11nHT40	54/5270	93.75%	1.067	0.182	0.067	-0.05	13.71	13.00	0.849	0.165	22.3
Right tilted	802.11nHT40	54/5270	93.75%	1.067	0.226	0.081	0.01	13.71	13.00	0.849	0.205	22.3
Head Test Data of U-NII-2C with Simultaneous transmission												
Left cheek	802.11nHT40	102/5510	93.75%	1.067	0.454	0.161	-0.17	13.66	11.00	0.542	0.262	22.3
Left tilted	802.11nHT40	102/5510	93.75%	1.067	0.583	0.200	-0.02	13.66	11.00	0.542	0.337	22.3
Right cheek	802.11nHT40	102/5510	93.75%	1.067	0.274	0.098	-0.08	13.66	11.00	0.542	0.158	22.3
Right tilted	802.11nHT40	102/5510	93.75%	1.067	0.357	0.128	-0.12	13.66	11.00	0.542	0.206	22.3
Head Test Data of U-NII-3 with Simultaneous transmission												
Left cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.354	0.127	-0.16	12.24	8.50	0.423	0.170	22.3
Left tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.447	0.164	0.07	12.24	8.50	0.423	0.215	22.3
Right cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.215	0.077	0.02	12.24	8.50	0.423	0.103	22.3
Right tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.277	0.100	-0.13	12.24	8.50	0.423	0.133	22.3
Body worn Test data of U-NII-2A (Separate 15mm)												
Front side	802.11nHT40	54/5270	93.75%	1.067	0.061	0.017	-0.11	15.27	16.50	1.327	0.086	22.2
Back side	802.11nHT40	54/5270	93.75%	1.067	0.094	0.022	0.09	15.27	16.50	1.327	0.133	22.2
Body worn Test data of U-NII-2C (Separate 15mm)												
Front side	802.11nHT40	102/5510	93.75%	1.067	0.077	0.016	-0.07	14.20	14.50	1.072	0.088	22.2
Back side	802.11nHT40	102/5510	93.75%	1.067	0.114	0.030	0.18	14.20	14.50	1.072	0.130	22.2

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Body worn Test data of U-NII-3 (Separate 15mm)												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.090	0.033	-0.09	14.25	15.50	1.334	0.136	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.131	0.034	-0.02	14.25	15.50	1.334	0.198	22.2
Hotspot Test data of U-NII-1 (Separate 10mm)												
Front side	802.11a	36/5180	97.07%	1.030	0.072	0.029	0.18	15.17	16.50	1.358	0.101	22.2
Back side	802.11a	36/5180	97.07%	1.030	0.119	0.040	-0.11	15.17	16.50	1.358	0.167	22.2
Right side	802.11a	36/5180	97.07%	1.030	0.067	0.013	-0.09	15.17	16.50	1.358	0.094	22.2
Top side	802.11a	36/5180	97.07%	1.030	0.170	0.066	0.16	15.17	16.50	1.358	0.238	22.2
Hotspot Test data of U-NII-3 (Separate 10mm)												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.190	0.041	-0.09	14.25	15.50	1.334	0.288	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.178	0.064	-0.08	14.25	15.50	1.334	0.270	22.2
Right side	802.11ac VHT80	155/5775	88.04%	1.136	0.117	0.029	-0.10	14.25	15.50	1.334	0.177	22.2
Top side	802.11ac VHT80	155/5775	88.04%	1.136	0.247	0.092	-0.07	14.25	15.50	1.334	0.374	22.2
Test position	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg) 1-g**	**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.(℃)**
Product specific 10gSAR Test data of U-NII-2A (Separate 0mm)												
Front side	802.11nHT40	54/5270	93.75%	1.067	0.743	0.295	-0.18	15.27	16.50	1.327	0.418	22.2
Back side	802.11nHT40	54/5270	93.75%	1.067	0.703	0.225	0.08	15.27	16.50	1.327	0.319	22.2
Right side	802.11nHT40	54/5270	93.75%	1.067	0.210	0.072	0.04	15.27	16.50	1.327	0.102	22.2
Top side	802.11nHT40	54/5270	93.75%	1.067	3.240	0.979	-0.03	15.27	16.50	1.327	1.386	22.2
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm)												
Front side	802.11nHT40	102/5510	93.75%	1.067	1.520	0.401	-0.10	14.20	14.50	1.072	0.458	22.2
Back side	802.11nHT40	102/5510	93.75%	1.067	1.050	0.306	0.17	14.20	14.50	1.072	0.350	22.2
Right side	802.11nHT40	102/5510	93.75%	1.067	0.292	0.096	0.06	14.20	14.50	1.072	0.110	22.2
Top side	802.11nHT40	102/5510	93.75%	1.067	3.550	0.834	0.03	14.20	14.50	1.072	0.953	22.2
Ant 8 Test Record chain1												
Test position	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data of U-NII-2A												
Left cheek	802.11nHT40	54/5270	93.75%	1.067	0.592	0.175	-0.05	13.75	15.00	1.334	0.842	22.3
Left tilted	802.11nHT40	54/5270	93.75%	1.067	0.175	0.057	-0.11	13.75	15.00	1.334	0.249	22.3
Right cheek	802.11nHT40	54/5270	93.75%	1.067	0.082	0.032	-0.01	13.75	15.00	1.334	0.117	22.3
Right tilted	802.11nHT40	54/5270	93.75%	1.067	0.072	0.027	0.03	13.75	15.00	1.334	0.102	22.3
Left cheek	802.11nHT40	62/5310	93.75%	1.067	0.233	0.068	0.09	10.39	12.00	1.449	0.360	22.3
Head Test Data of U-NII-2C												
Left cheek	802.11nHT40	110/5550	93.75%	1.067	0.425	0.129	-0.15	13.15	14.00	1.216	0.551	22.3
Left tilted	802.11nHT40	110/5550	93.75%	1.067	0.130	0.041	-0.02	13.15	14.00	1.216	0.169	22.3
Right cheek	802.11nHT40	110/5550	93.75%	1.067	0.063	0.025	0.06	13.15	14.00	1.216	0.082	22.3
Right tilted	802.11nHT40	110/5550	93.75%	1.067	0.067	0.026	-0.17	13.15	14.00	1.216	0.087	22.3

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Head Test Data of U-NII-3												
Left cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.338	0.105	0.14	12.20	13.50	1.349	0.518	22.3
Left tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.154	0.030	0.09	12.20	13.50	1.349	0.236	22.3
Right cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.065	0.021	0.12	12.20	13.50	1.349	0.100	22.3
Right tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.041	0.015	-0.16	12.20	13.50	1.349	0.063	22.3
Head Test Data of U-NII-2A with Simultaneous transmission												
Left cheek	802.11nHT40	54/5270	93.75%	1.067	0.592	0.175	-0.05	13.75	11.00	0.531	0.335	22.3
Left tilted	802.11nHT40	54/5270	93.75%	1.067	0.175	0.057	-0.11	13.75	11.00	0.531	0.099	22.3
Right cheek	802.11nHT40	54/5270	93.75%	1.067	0.082	0.032	-0.01	13.75	11.00	0.531	0.046	22.3
Right tilted	802.11nHT40	54/5270	93.75%	1.067	0.072	0.027	0.03	13.75	11.00	0.531	0.041	22.3
Left cheek	802.11nHT40	62/5310	93.75%	1.067	0.233	0.068	0.09	10.39	8.00	0.577	0.143	22.3
Head Test Data of U-NII-2C with Simultaneous transmission												
Left cheek	802.11nHT40	110/5550	93.75%	1.067	0.425	0.129	-0.15	13.15	11.00	0.610	0.276	22.3
Left tilted	802.11nHT40	110/5550	93.75%	1.067	0.130	0.041	-0.02	13.15	11.00	0.610	0.085	22.3
Right cheek	802.11nHT40	110/5550	93.75%	1.067	0.063	0.025	0.06	13.15	11.00	0.610	0.041	22.3
Right tilted	802.11nHT40	110/5550	93.75%	1.067	0.067	0.026	-0.17	13.15	11.00	0.610	0.044	22.3
Head Test Data of U-NII-3 with Simultaneous transmission												
Left cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.338	0.105	0.14	12.20	8.50	0.427	0.164	22.3
Left tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.154	0.030	0.09	12.20	8.50	0.427	0.075	22.3
Right cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.065	0.021	0.12	12.20	8.50	0.427	0.031	22.3
Right tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.041	0.015	-0.16	12.20	8.50	0.427	0.020	22.3
Body worn Test data of U-NII-2A (Separate 15mm)												
Front side	802.11nHT40	54/5270	93.75%	1.067	0.084	0.025	0.03	15.46	16.50	1.271	0.114	22.2
Back side	802.11nHT40	54/5270	93.75%	1.067	0.137	0.056	0.01	15.46	16.50	1.271	0.186	22.2
Body worn Test data of U-NII-2C (Separate 15mm)												
Front side	802.11nHT40	110/5550	93.75%	1.067	0.076	0.020	-0.17	13.77	14.50	1.183	0.096	22.2
Back side	802.11nHT40	110/5550	93.75%	1.067	0.140	0.032	0.04	13.77	14.50	1.183	0.177	22.2
Body worn Test data of U-NII-3 (Separate 15mm)												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.080	0.022	0.09	14.44	15.50	1.276	0.116	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.131	0.051	0.11	14.44	15.50	1.276	0.190	22.2
Hotspot Test data of U-NII-1 (Separate 10mm)												
Front side	802.11a	44/5220	97.07%	1.030	0.102	0.042	-0.12	15.51	16.50	1.256	0.132	22.2
Back side	802.11a	44/5220	97.07%	1.030	0.264	0.104	-0.15	15.51	16.50	1.256	0.342	22.2
Right side	802.11a	44/5220	97.07%	1.030	0.345	0.137	0.09	15.51	16.50	1.256	0.446	22.2
Top side	802.11a	44/5220	97.07%	1.030	0.172	0.045	-0.01	15.51	16.50	1.256	0.223	22.2
Hotspot Test data of U-NII-3 (Separate 10mm)												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.105	0.026	-0.02	14.44	15.50	1.276	0.152	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.260	0.098	-0.06	14.44	15.50	1.276	0.377	22.2
Right side	802.11ac VHT80	155/5775	88.04%	1.136	0.251	0.097	-0.05	14.44	15.50	1.276	0.364	22.2
Top side	802.11ac VHT80	155/5775	88.04%	1.136	0.085	0.028	-0.17	14.44	15.50	1.276	0.123	22.2

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Hotspot Test data of U-NII-1 (Separate 10mm) with Simultaneous transmission												
Front side	802.11a	44/5220	97.07%	1.030	0.102	0.042	-0.12	15.51	13.00	0.561	0.059	22.2
Back side	802.11a	44/5220	97.07%	1.030	0.264	0.104	-0.15	15.51	13.00	0.561	0.153	22.2
Right side	802.11a	44/5220	97.07%	1.030	0.345	0.137	0.09	15.51	13.00	0.561	0.199	22.2
Top side	802.11a	44/5220	97.07%	1.030	0.172	0.045	-0.01	15.51	13.00	0.561	0.099	22.2
Hotspot Test data of U-NII-3 (Separate 10mm) with Simultaneous transmission												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.105	0.026	-0.02	14.44	12.00	0.570	0.068	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.260	0.098	-0.06	14.44	12.00	0.570	0.168	22.2
Right side	802.11ac VHT80	155/5775	88.04%	1.136	0.251	0.097	-0.05	14.44	12.00	0.570	0.163	22.2
Top side	802.11ac VHT80	155/5775	88.04%	1.136	0.085	0.028	-0.17	14.44	12.00	0.570	0.055	22.2
Test position	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg) 1-g**	**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.(℃)**
Product specific 10gSAR Test data of U-NII-2A (Separate 0mm)												
Front side	802.11nHT40	54/5270	93.75%	1.067	1.690	0.507	0.01	15.46	16.50	1.271	0.687	22.2
Back side	802.11nHT40	54/5270	93.75%	1.067	3.060	0.975	0.13	15.46	16.50	1.271	1.321	22.2
Right side	802.11nHT40	54/5270	93.75%	1.067	4.110	1.230	-0.10	15.46	16.50	1.271	1.667	22.2
Top side	802.11nHT40	54/5270	93.75%	1.067	0.404	0.114	0.16	15.46	16.50	1.271	0.155	22.2
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm)												
Front side	802.11nHT40	110/5550	93.75%	1.067	1.070	0.292	-0.09	13.77	14.50	1.183	0.368	22.2
Back side	802.11nHT40	110/5550	93.75%	1.067	2.890	0.692	0.18	13.77	14.50	1.183	0.873	22.2
Right side	802.11nHT40	110/5550	93.75%	1.067	1.870	0.527	0.12	13.77	14.50	1.183	0.665	22.2
Top side	802.11nHT40	110/5550	93.75%	1.067	0.197	0.070	0.14	13.77	14.50	1.183	0.088	22.2
MIMO Test Record												
Test position	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg) 1-g**	**SAR (W/kg) 10-g**	**Power drift (dB)**	**Conducted Power(dBm)**	**Tune up Limit(dBm)**	**Scaled factor**	**Scaled SAR 1-g (W/kg)**	**Liquid Temp.(℃)**
Head Test Data of U-NII-1												
Left cheek	802.11nHT40	54/5270	93.75%	1.067	0.605	0.112	0.00	16.75	18.00	1.333	0.860	22.3
Left tilted	802.11nHT40	54/5270	93.75%	1.067	0.443	0.184	0.13	16.75	18.00	1.333	0.630	22.3
Right cheek	802.11nHT40	54/5270	93.75%	1.067	0.242	0.091	-0.12	16.75	18.00	1.333	0.344	22.3
Right tilted	802.11nHT40	54/5270	93.75%	1.067	0.272	0.101	0.18	16.75	18.00	1.333	0.387	22.3
Left cheek	802.11nHT40	62/5310	93.75%	1.067	0.222	0.082	0.17	13.48	15.00	1.418	0.336	22.3
Head Test Data of U-NII-2C												
Left cheek	802.11nHT40	102/5510	93.75%	1.067	0.487	0.200	0.06	16.37	17.00	1.155	0.600	22.3
Left tilted	802.11nHT40	102/5510	93.75%	1.067	0.724	0.266	0.12	16.37	17.00	1.155	0.892	22.3
Right cheek	802.11nHT40	102/5510	93.75%	1.067	0.319	0.119	0.18	16.37	17.00	1.155	0.393	22.3
Right tilted	802.11nHT40	102/5510	93.75%	1.067	0.369	0.133	0.05	16.37	17.00	1.155	0.455	22.3
Left tilted	802.11nHT40	134/5670	93.75%	1.067	0.725	0.220	0.11	15.98	17.00	1.266	**0.979**	22.3
Head Test Data of U-NII-3												
Left cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.404	0.157	-0.03	15.23	16.50	1.340	0.615	22.3
Left tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.447	0.162	0.09	15.23	16.50	1.340	0.680	22.3
Right cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.279	0.101	-0.07	15.23	16.50	1.340	0.425	22.3
Right tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.304	0.109	-0.14	15.23	16.50	1.340	0.463	22.3

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Head Test Data of U-NII-1 with Simultaneous transmission												
Left cheek	802.11nHT40	54/5270	93.75%	1.067	0.605	0.112	0.00	16.75	14.00	0.531	0.343	22.3
Left tilted	802.11nHT40	54/5270	93.75%	1.067	0.443	0.184	0.13	16.75	14.00	0.531	0.251	22.3
Right cheek	802.11nHT40	54/5270	93.75%	1.067	0.242	0.091	-0.12	16.75	14.00	0.531	0.137	22.3
Right tilted	802.11nHT40	54/5270	93.75%	1.067	0.272	0.101	0.18	16.75	14.00	0.531	0.154	22.3
Left cheek	802.11nHT40	62/5310	93.75%	1.067	0.222	0.082	0.17	13.48	11.00	0.565	0.134	22.3
Head Test Data of U-NII-2C with Simultaneous transmission												
Left cheek	802.11nHT40	102/5510	93.75%	1.067	0.487	0.200	0.06	16.37	14.00	0.579	0.301	22.3
Left tilted	802.11nHT40	102/5510	93.75%	1.067	0.724	0.266	0.12	16.37	14.00	0.579	0.447	22.3
Right cheek	802.11nHT40	102/5510	93.75%	1.067	0.319	0.119	0.18	16.37	14.00	0.579	0.197	22.3
Right tilted	802.11nHT40	102/5510	93.75%	1.067	0.369	0.133	0.05	16.37	14.00	0.579	0.228	22.3
Left tilted	802.11nHT40	134/5670	93.75%	1.067	0.725	0.220	0.11	15.98	14.00	0.634	0.491	22.3
Head Test Data of U-NII-3 with Simultaneous transmission												
Left cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.404	0.157	-0.03	15.23	11.50	0.424	0.194	22.3
Left tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.447	0.162	0.09	15.23	11.50	0.424	0.215	22.3
Right cheek	802.11ac VHT80	155/5775	88.04%	1.136	0.279	0.101	-0.07	15.23	11.50	0.424	0.134	22.3
Right tilted	802.11ac VHT80	155/5775	88.04%	1.136	0.304	0.109	-0.14	15.23	11.50	0.424	0.146	22.3
Body worn Test data of U-NII-2A (Separate 15mm)												
Front side	802.11nHT40	54/5270	93.75%	1.067	0.089	0.024	-0.06	18.41	19.50	1.286	0.122	22.2
Back side	802.11nHT40	54/5270	93.75%	1.067	0.147	0.065	0.17	18.41	19.50	1.286	0.202	22.2
Body worn Test data of U-NII-2C (Separate 15mm)												
Front side	802.11nHT40	102/5510	93.75%	1.067	0.093	0.024	0.02	16.96	17.50	1.132	0.112	22.2
Back side	802.11nHT40	102/5510	93.75%	1.067	0.125	0.052	0.07	16.96	17.50	1.132	0.151	22.2
Body worn Test data of U-NII-3 (Separate 15mm)												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.069	0.020	-0.08	17.13	18.50	1.371	0.107	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.132	0.031	-0.14	17.13	18.50	1.371	**0.206**	22.2
Hotspot Test data of U-NII-1 (Separate 10mm)												
Front side	802.11a	44/5220	97.07%	1.030	0.130	0.054	-0.15	18.24	19.50	1.337	0.179	22.2
Back side	802.11a	44/5220	97.07%	1.030	0.308	0.119	0.17	18.24	19.50	1.337	0.424	22.2
Right side	802.11a	44/5220	97.07%	1.030	0.532	0.194	0.05	18.24	19.50	1.337	**0.733**	22.2
Top side	802.11a	44/5220	97.07%	1.030	0.237	0.093	-0.04	18.24	19.50	1.337	0.326	22.2
Hotspot Test data of U-NII-3 (Separate 10mm)												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.142	0.055	-0.13	17.13	18.50	1.371	0.221	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.302	0.109	0.05	17.13	18.50	1.371	0.470	22.2
Right side	802.11ac VHT80	155/5775	88.04%	1.136	0.424	0.155	-0.08	17.13	18.50	1.371	0.660	22.2
Top side	802.11ac VHT80	155/5775	88.04%	1.136	0.368	0.141	-0.14	17.13	18.50	1.371	0.573	22.2
Hotspot Test data of U-NII-1 (Separate 10mm) with Simultaneous transmission												
Front side	802.11a	44/5220	97.07%	1.030	0.130	0.054	-0.15	18.24	16.00	0.597	0.080	22.2
Back side	802.11a	44/5220	97.07%	1.030	0.308	0.119	0.17	18.24	16.00	0.597	0.189	22.2
Right side	802.11a	44/5220	97.07%	1.030	0.532	0.194	0.05	18.24	16.00	0.597	0.327	22.2
Top side	802.11a	44/5220	97.07%	1.030	0.237	0.093	-0.04	18.24	16.00	0.597	0.146	22.2

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Hotspot Test data of U-NII-3 (Separate 10mm) with Simultaneous transmission												
Front side	802.11ac VHT80	155/5775	88.04%	1.136	0.142	0.055	-0.13	17.13	15.00	0.612	0.099	22.2
Back side	802.11ac VHT80	155/5775	88.04%	1.136	0.302	0.109	0.05	17.13	15.00	0.612	0.210	22.2
Right side	802.11ac VHT80	155/5775	88.04%	1.136	0.424	0.155	-0.08	17.13	15.00	0.612	0.295	22.2
Top side	802.11ac VHT80	155/5775	88.04%	1.136	0.368	0.141	-0.14	17.13	15.00	0.612	0.256	22.2
Test position	**Test mode**	**Test ch./Freq.**	**Duty Cycle**	**Duty Cycle Scaled factor**	**SAR (W/kg) 1-g**	**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.(℃)**
Product specific 10gSAR Test data of U-NII-2A (Separate 0mm)												
Front side	802.11nHT40	54/5270	93.75%	1.067	1.490	0.488	-0.14	18.41	19.50	1.286	0.670	22.2
Back side	802.11nHT40	54/5270	93.75%	1.067	3.400	0.936	-0.09	18.41	19.50	1.286	1.284	22.2
Right side	802.11nHT40	54/5270	93.75%	1.067	5.940	1.300	-0.17	18.41	19.50	1.286	**1.784**	22.2
Top side	802.11nHT40	54/5270	93.75%	1.067	5.500	1.230	0.08	18.41	19.50	1.286	1.688	22.2
Product specific 10gSAR Test data of U-NII-2C (Separate 0mm)												
Front side	802.11nHT40	102/5510	93.75%	1.067	1.330	0.399	0.16	16.96	17.50	1.132	0.482	22.2
Back side	802.11nHT40	102/5510	93.75%	1.067	2.090	0.586	-0.03	16.96	17.50	1.132	0.708	22.2
Right side	802.11nHT40	102/5510	93.75%	1.067	1.440	0.480	-0.06	16.96	17.50	1.132	0.580	22.2
Top side	802.11nHT40	102/5510	93.75%	1.067	2.530	0.768	-0.09	16.96	17.50	1.132	0.928	22.2

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10.2.23 SAR Result of WIFI 6E

Wi-Fi 6E SAR Test Record													
Ant 9 Test Record chain0													
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	APD W/m² (4cm²)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data of U-NII-5													
Left cheek	802.11axHEW80	87/6385	87.78%	1.139	0.113	0.025	0.603	0.06	8.27	9.00	1.183	0.152	22.2
Left tilted	802.11axHEW80	87/6385	87.78%	1.139	0.125	0.030	0.708	0.05	8.27	9.00	1.183	**0.168**	22.2
Right cheek	802.11axHEW80	87/6385	87.78%	1.139	0.052	0.015	0.352	0.04	8.27	9.00	1.183	0.070	22.2
Right tilted	802.11axHEW80	87/6385	87.78%	1.139	0.048	0.016	0.379	0.02	8.27	9.00	1.183	0.065	22.2
Body worn Test data of U-NII-5 (Separate 15mm)													
Front side	802.11axHEW80	87/6385	87.78%	1.139	0.003	0.001	0.011	0.00	8.27	9.00	1.183	0.004	22.2
Back side	802.11axHEW80	87/6385	87.78%	1.139	0.012	0.004	0.099	-0.09	8.27	9.00	1.183	**0.016**	22.2
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	APD W/m² (4cm²)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(℃)
Product specific 10gSAR Test data of U-NII-5(Separate 0mm)													
Front side	802.11axHEW80	87/6385	87.78%	1.139	0.273	0.063	1.470	0.03	8.27	9.00	1.183	0.085	22.2
Back side	802.11axHEW80	87/6385	87.78%	1.139	0.098	0.033	0.742	0.00	8.27	9.00	1.183	0.044	22.2
Right side	802.11axHEW80	87/6385	87.78%	1.139	0.024	0.007	0.129	0.06	8.27	9.00	1.183	0.009	22.2
Top side	802.11axHEW80	87/6385	87.78%	1.139	0.183	0.053	1.310	0.04	8.27	9.00	1.183	0.071	22.2
Ant 8 Test Record chain1													
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	APD W/m² (4cm²)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data of U-NII-5													
Left cheek	802.11axHEW80	7/5985	87.78%	1.139	0.087	0.021	0.485	0.03	8.50	9.00	1.122	0.111	22.2
Left tilted	802.11axHEW80	7/5985	87.78%	1.139	0.003	0.001	0.012	0.02	8.50	9.00	1.122	0.004	22.2
Right cheek	802.11axHEW80	7/5985	87.78%	1.139	0.004	0.002	0.016	0.01	8.50	9.00	1.122	0.005	22.2
Right tilted	802.11axHEW80	7/5985	87.78%	1.139	0.003	0.001	0.007	0.00	8.50	9.00	1.122	0.004	22.2
Body worn Test data of U-NII-5 (Separate 15mm)													
Front side	802.11axHEW80	7/5985	87.78%	1.139	0.002	0.001	0.010	0.00	8.50	9.00	1.122	0.003	22.2
Back side	802.11axHEW80	7/5985	87.78%	1.139	0.006	0.003	0.046	0.01	8.50	9.00	1.122	0.008	22.2
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	APD W/m² (4cm²)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(℃)
Product specific 10gSAR Test data of U-NII-5 (Separate 0mm)													
Front side	802.11axHEW80	7/5985	87.78%	1.139	0.259	0.058	1.360	-0.12	8.50	9.00	1.122	0.074	22.2
Back side	802.11axHEW80	7/5985	87.78%	1.139	0.316	0.062	1.510	0.01	8.50	9.00	1.122	0.079	22.2
Right side	802.11axHEW80	7/5985	87.78%	1.139	0.239	0.063	1.170	0.05	8.50	9.00	1.122	0.081	22.2
Top side	802.11axHEW80	7/5985	87.78%	1.139	0.032	0.006	0.311	0.04	8.50	9.00	1.122	0.008	22.2

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MIMO Test Record													
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	APD W/m² (4cm²)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data of U-NII-5													
Left cheek	802.11axHEW80	7/5985	87.78%	1.139	0.015	0.005	0.107	0.02	11.38	12.00	1.153	0.020	22.2
Left tilted	802.11axHEW80	7/5985	87.78%	1.139	0.020	0.006	0.125	-0.08	11.38	12.00	1.153	0.026	22.2
Right cheek	802.11axHEW80	7/5985	87.78%	1.139	0.005	0.001	0.031	0.09	11.38	12.00	1.153	0.007	22.2
Right tilted	802.11axHEW80	7/5985	87.78%	1.139	0.007	0.002	0.053	-0.04	11.38	12.00	1.153	0.009	22.2
Body worn Test data of U-NII-5 (Separate 15mm)													
Front side	802.11axHEW80	7/5985	87.78%	1.139	0.002	0.001	0.005	0.00	11.38	12.00	1.153	0.003	22.2
Back side	802.11axHEW80	7/5985	87.78%	1.139	0.011	0.000	0.064	0.02	11.38	12.00	1.153	0.014	22.2
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	APD W/m² (4cm²)	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(℃)
Product specific 10gSAR Test data of U-NII-5 (Separate 0mm)													
Front side	802.11axHEW80	7/5985	87.78%	1.139	0.382	0.103	2.420	0.08	11.38	12.00	1.153	0.135	22.2
Back side	802.11axHEW80	7/5985	87.78%	1.139	0.201	0.063	1.570	-0.01	11.38	12.00	1.153	0.083	22.2
Right side	802.11axHEW80	7/5985	87.78%	1.139	0.291	0.073	2.050	0.04	11.38	12.00	1.153	0.096	22.2
Top side	802.11axHEW80	7/5985	87.78%	1.139	0.903	0.188	4.470	-0.01	11.38	12.00	1.153	**0.247**	22.2

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10.2.24 SAR Result of BT

Bluetooth SAR Test Record												
Ant 7 Test Record												
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data												
Left cheek	DH5	39/2441	77.20%	1.295	0.561	0.239	-0.09	13.87	15.30	1.390	1.010	22.2
Left tilted	DH5	39/2441	77.20%	1.295	0.206	0.100	0.11	13.87	15.30	1.390	0.371	22.2
Right cheek	DH5	39/2441	77.20%	1.295	0.085	0.048	-0.06	13.87	15.30	1.390	0.153	22.2
Right tilted	DH5	39/2441	77.20%	1.295	0.062	0.032	0.03	13.87	15.30	1.390	0.112	22.2
Left cheek	DH5	78/2480	77.20%	1.295	0.530	0.222	0.06	13.04	14.80	1.500	**1.030**	22.2
Head Test Data with Simultaneous transmission												
Left cheek	DH5	39/2441	77.20%	1.295	0.561	0.239	-0.09	13.87	9.80	0.392	0.285	22.2
Left tilted	DH5	39/2441	77.20%	1.295	0.206	0.100	0.11	13.87	9.80	0.392	0.105	22.2
Right cheek	DH5	39/2441	77.20%	1.295	0.085	0.048	-0.06	13.87	9.80	0.392	0.043	22.2
Right tilted	DH5	39/2441	77.20%	1.295	0.062	0.032	0.03	13.87	9.80	0.392	0.031	22.2
Left cheek	DH5	78/2480	77.20%	1.295	0.530	0.222	0.06	13.04	9.30	0.423	0.290	22.2
Body worn Test data (Separate 15mm)												
Front side	DH5	39/2441	77.20%	1.295	0.131	0.069	0.08	18.99	19.30	1.074	0.182	22.2
Back side	DH5	39/2441	77.20%	1.295	0.193	0.104	-0.18	18.99	19.30	1.074	**0.268**	22.2
Hotspot Test data (Separate 10mm)												
Front side	DH5	39/2441	77.20%	1.295	0.095	0.047	0.05	13.87	15.30	1.390	0.171	22.2
Back side	DH5	39/2441	77.20%	1.295	0.169	0.080	0.06	13.87	15.30	1.390	0.304	22.2
Right side	DH5	39/2441	77.20%	1.295	0.263	0.127	-0.09	13.87	15.30	1.390	**0.474**	22.2
Top side	DH5	39/2441	77.20%	1.295	0.055	0.020	-0.14	13.87	15.30	1.390	0.099	22.2

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10.3 Measurement PD Data

10.3.1 PD Result of WIFI 6E

Wi-Fi 6E PD Test Record Ant 9 chain0															
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (λ)	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	802.11axHEW80	87/6385	2	0.0625	87.78%	1.139	/	/	0.08	0.08	8.27	9.00	1.5493	1.183	0.163
Back side	802.11axHEW80	87/6385	2	0.0625	87.78%	1.139	/	/	0.09	-0.10	8.27	9.00	1.5493	1.183	0.188
Right side	802.11axHEW80	87/6385	2	0.0625	87.78%	1.139	/	/	0.24	0.08	8.27	9.00	1.5493	1.183	0.493
Top side	802.11axHEW80	87/6385	2	0.0625	87.78%	1.139	4.34	-0.55	0.55	-0.03	8.27	9.00	1.5493	1.183	1.138
Top side	802.11axHEW80	87/6385	9.4	0.0625	87.78%	1.139	4.93		0.46	-0.04	8.27	9.00	1.5493	1.183	0.962
Top side	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	/	/	4.13	0.03	8.24	9.00	1.5493	1.191	8.682
Top side	802.11axHEW80	23/6065	2	0.0625	87.78%	1.139	/	/	3.85	0.02	8.09	9.00	1.5493	1.233	8.378
Top side	802.11axHEW80	39/6145	2	0.0625	87.78%	1.139	/	/	3.62	0.09	7.92	9.00	1.5493	1.282	8.192
Top side	802.11axHEW80	71/6305	2	0.0625	87.78%	1.139	/	/	1.27	0.12	8.13	9.00	1.5493	1.222	2.738

Wi-Fi 6E PD Test Record Ant 8 chain1															
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (λ)	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	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	/	/	1.33	0.01	8.50	9.00	1.5493	1.122	2.633
Back side	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	/	/	0.94	-0.05	8.50	9.00	1.5493	1.122	1.851
Top side	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	/	/	0.41	0.05	8.50	9.00	1.5493	1.122	0.820
Right side	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	5.37	0.87	1.45	0.12	8.50	9.00	1.5493	1.122	2.871
Right side	802.11axHEW80	7/5985	10.0	0.0625	87.78%	1.139	4.40		0.35	0.02	8.50	9.00	1.5493	1.122	0.689
Right side	802.11axHEW80	23/6065	2	0.0625	87.78%	1.139	/	/	1.22	0.07	8.18	9.00	1.5493	1.208	2.600
Right side	802.11axHEW80	39/6145	2	0.0625	87.78%	1.139	/	/	0.89	-0.03	7.77	9.00	1.5493	1.327	2.078
Right side	802.11axHEW80	71/6305	2	0.0625	87.78%	1.139	/	/	0.51	0.09	7.73	9.00	1.5493	1.340	1.206
Right side	802.11axHEW80	87/6385	2	0.0625	87.78%	1.139	/	/	0.23	-0.04	7.61	9.00	1.5493	1.377	0.552

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Wi-Fi 6E PD Test Record MIMO															
Test position	Test mode	Test ch./Freq.	Distance (mm)	Grid Step (λ)	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	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	/	/	0.08	0.16	11.38	12.00	1.5493	1.153	0.165
Back side	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	/	/	2.43	0.00	11.38	12.00	1.5493	1.153	4.946
Top side	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	6.70	0.78	4.85	-0.02	11.38	12.00	1.5493	1.153	**9.872**
Top side	802.11axHEW80	7/5985	10.0	0.0625	87.78%	1.139	5.60		0.33	-0.09	11.38	12.00	1.5493	1.153	0.664
Right side	802.11axHEW80	7/5985	2	0.0625	87.78%	1.139	/	/	1.72	-0.06	11.38	12.00	1.5493	1.153	3.501
Top side	802.11axHEW80	23/6065	2	0.0625	87.78%	1.139	/	/	1.36	0.02	11.15	12.00	1.5493	1.216	2.919
Top side	802.11axHEW80	39/6145	2	0.0625	87.78%	1.139	/	/	0.63	-0.03	10.86	12.00	1.5493	1.300	1.443
Top side	802.11axHEW80	71/6305	2	0.0625	87.78%	1.139	/	/	0.61	0.08	10.94	12.00	1.5493	1.276	1.374
Top side	802.11axHEW80	87/6385	2	0.0625	87.78%	1.139	/	/	0.59	-0.13	10.96	12.00	1.5493	1.271	1.327

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10.4 Multiple Transmitter Evaluation

10.4.1 Simultaneous SAR test evaluation

No.	Simultaneous Tx Combination	Head	Body	Hotspot	Product Specific 10-g (0mm)
1	WiFi 2.4G Ant7(chain0)+ WiFi 5G&6E Ant8(chain1)	Yes	Yes	Yes	No
2	WiFi 2.4G Ant12(chain1)+BT	Yes	Yes	Yes	No
3	WiFi 5G&6E Ant9(chain0)+BT	Yes	Yes	Yes	No
4	WiFi 5G&6E Ant8(chain1)+BT	Yes	Yes	Yes	No
5	WiFi 5G&6E MIMO+BT	Yes	Yes	Yes	No
6	Main Ant0+WiFi 2.4G Ant7(chain0)	Yes	Yes	Yes	No
7	Main Ant0+ WiFi 2.4G Ant12(chain1)	Yes	Yes	Yes	No
8	Main Ant0+ WiFi 2.4G MIMO	Yes	Yes	Yes	No
9	Main Ant0+ WiFi 5G&6E Ant9(chain0)	Yes	Yes	Yes	Yes
10	Main Ant0+ WiFi 5G&6E Ant8(chain1)	Yes	Yes	Yes	Yes
11	Main Ant0+ WiFi 5G&6E MIMO	Yes	Yes	Yes	Yes
12	Main Ant0+BT	Yes	Yes	Yes	No
13	Main Ant0+WiFi 2.4G Ant7(chain0)+ WiFi 5G&6E Ant8(chain1)	Yes	Yes	Yes	No
14	Main Ant0+ WiFi 2.4G Ant12(chain1)+BT	Yes	Yes	Yes	No
15	Main Ant0+ WiFi 5G&6E Ant9(chain0)+BT	Yes	Yes	Yes	No
16	Main Ant0+ WiFi 5G&6E Ant8(chain1)+BT	Yes	Yes	Yes	No
17	Main Ant0+ WiFi 5G&6E MIMO+BT	Yes	Yes	Yes	No

Note:
1) The device does not support DTM function.
2) NFC is different from the working scenario of WWAN/WIFI(Head/Body-worn/Hotspot) and does not participate in the simultaneous transmission.
3) The NFC test data can be referred to NFC SAR test report (Report NO.: SUCR241100047001).
4) For WiFi 5G,U-NII-2A and U-NII-2C band does not support hotspot function.

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10.4.2 Simultaneous Transmission SAR Summation Scenario

Head:

Test position		SARmax (W/kg)						Summed SAR				
		WiFi 2.4G Ant7(chain0)	WiFi 2.4G Ant12(chain1)	WiFi 5G&6E Ant9(chain0)	WiFi 5G&6E Ant8(chain1)	WiFi 5G&6E MIMO	BT					
		1	2	3	4	5	6	1+4	2+6	3+6	4+6	5+6
WLAN	Left cheek	0.554	0.357	0.537	0.842	0.860	0.290	1.396	0.647	0.827	1.132	1.150
	Left tilted	0.230	0.399	0.679	0.249	0.979	0.105	0.479	0.504	0.784	0.354	1.084
	Right cheek	0.102	0.234	0.326	0.117	0.425	0.043	0.219	0.277	0.369	0.160	0.468
	Right tilted	0.074	0.252	0.421	0.102	0.463	0.031	0.176	0.283	0.452	0.133	0.494

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Test position		SARmax (W/kg)							
		Main Ant0	WiFi 2.4G Ant7(chain0)	WiFi 2.4G Ant12(chain1)	WiFi 2.4G MIMO	WiFi 5G&6E Ant9(chain0)	WiFi 5G&6E Ant8(chain1)	WiFi 5G&6E MIMO	BT
		1	2	3	4	5	6	7	8
GSM850	Left cheek	0.899	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.132	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.603	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.102	0.042	0.142	0.168	0.206	0.044	0.228	0.031
WCDMA B5	Left cheek	0.912	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.105	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.456	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.084	0.042	0.142	0.168	0.206	0.044	0.228	0.031
LTE B12	Left cheek	0.935	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.156	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.681	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.138	0.042	0.142	0.168	0.206	0.044	0.228	0.031
LTE B13	Left cheek	0.602	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.080	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.358	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.059	0.042	0.142	0.168	0.206	0.044	0.228	0.031
LTE B26	Left cheek	0.492	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.072	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.299	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.059	0.042	0.142	0.168	0.206	0.044	0.228	0.031
N12	Left cheek	0.934	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.159	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.681	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.135	0.042	0.142	0.168	0.206	0.044	0.228	0.031
N26	Left cheek	0.499	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.080	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.298	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.067	0.042	0.142	0.168	0.206	0.044	0.228	0.031

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Test position		Summed SAR											
		1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+2+6	1+3+8	1+5+8	1+6+8	1+7+8
GSM850	Left cheek	1.211	1.100	1.360	1.178	1.234	1.242	1.189	1.546	1.390	1.468	1.524	1.532
	Left tilted	0.261	0.356	0.450	0.469	0.231	0.623	0.237	0.360	0.461	0.574	0.336	0.728
	Right cheek	0.660	0.734	0.772	0.768	0.649	0.800	0.646	0.706	0.777	0.811	0.692	0.843
	Right tilted	0.144	0.244	0.270	0.308	0.146	0.330	0.133	0.188	0.275	0.339	0.177	0.361
WCDMA B5	Left cheek	1.224	1.113	1.373	1.191	1.247	1.255	1.202	1.559	1.403	1.481	1.537	1.545
	Left tilted	0.234	0.329	0.423	0.442	0.204	0.596	0.210	0.333	0.434	0.547	0.309	0.701
	Right cheek	0.513	0.587	0.625	0.621	0.502	0.653	0.499	0.559	0.630	0.664	0.545	0.696
	Right tilted	0.126	0.226	0.252	0.290	0.128	0.312	0.115	0.170	0.257	0.321	0.159	0.343
LTE B12	Left cheek	1.247	1.136	1.396	1.214	1.270	1.278	1.225	1.582	1.426	1.504	1.560	1.568
	Left tilted	0.285	0.380	0.474	0.493	0.255	0.647	0.261	0.384	0.485	0.598	0.360	0.752
	Right cheek	0.738	0.812	0.850	0.846	0.727	0.878	0.724	0.784	0.855	0.889	0.770	0.921
	Right tilted	0.180	0.280	0.306	0.344	0.182	0.366	0.169	0.224	0.311	0.375	0.213	0.397
LTE B13	Left cheek	0.914	0.803	1.063	0.881	0.937	0.945	0.892	1.249	1.093	1.171	1.227	1.235
	Left tilted	0.209	0.304	0.398	0.417	0.179	0.571	0.185	0.308	0.409	0.522	0.284	0.676
	Right cheek	0.415	0.489	0.527	0.523	0.404	0.555	0.401	0.461	0.532	0.566	0.447	0.598
	Right tilted	0.101	0.201	0.227	0.265	0.103	0.287	0.090	0.145	0.232	0.296	0.134	0.318
LTE B26	Left cheek	0.804	0.693	0.953	0.771	0.827	0.835	0.782	1.139	0.983	1.061	1.117	1.125
	Left tilted	0.201	0.296	0.390	0.409	0.171	0.563	0.177	0.300	0.401	0.514	0.276	0.668
	Right cheek	0.356	0.430	0.468	0.464	0.345	0.496	0.342	0.402	0.473	0.507	0.388	0.539
	Right tilted	0.101	0.201	0.227	0.265	0.103	0.287	0.090	0.145	0.232	0.296	0.134	0.318
N12	Left cheek	1.246	1.135	1.395	1.213	1.269	1.277	1.224	1.581	1.425	1.503	1.559	1.567
	Left tilted	0.288	0.383	0.477	0.496	0.258	0.650	0.264	0.387	0.488	0.601	0.363	0.755
	Right cheek	0.738	0.812	0.850	0.846	0.727	0.878	0.724	0.784	0.855	0.889	0.770	0.921
	Right tilted	0.177	0.277	0.303	0.341	0.179	0.363	0.166	0.221	0.308	0.372	0.210	0.394
N26	Left cheek	0.811	0.700	0.960	0.778	0.834	0.842	0.789	1.146	0.990	1.068	1.124	1.132
	Left tilted	0.209	0.304	0.398	0.417	0.179	0.571	0.185	0.308	0.409	0.522	0.284	0.676
	Right cheek	0.355	0.429	0.467	0.463	0.344	0.495	0.341	0.401	0.472	0.506	0.387	0.538
	Right tilted	0.109	0.209	0.235	0.273	0.111	0.295	0.098	0.153	0.240	0.304	0.142	0.326

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Test position		SARmax (W/kg)							
		Main Ant1	WiFi 2.4G Ant7(chain0)	WiFi 2.4G Ant12(chain1)	WiFi 2.4G MIMO	WiFi 5G&6E Ant9(chain0)	WiFi 5G&6E Ant8(chain1)	WiFi 5G&6E MIMO	BT
		1	2	3	4	5	6	7	8
GSM850	Left cheek	0.125	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.061	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.323	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.106	0.042	0.142	0.168	0.206	0.044	0.228	0.031
WCDMA B5	Left cheek	0.132	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.070	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.278	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.114	0.042	0.142	0.168	0.206	0.044	0.228	0.031
LTE B12	Left cheek	0.138	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.063	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.114	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.082	0.042	0.142	0.168	0.206	0.044	0.228	0.031
LTE B13	Left cheek	0.152	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.107	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.222	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.132	0.042	0.142	0.168	0.206	0.044	0.228	0.031
LTE B26	Left cheek	0.152	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.097	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.357	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.145	0.042	0.142	0.168	0.206	0.044	0.228	0.031
N12	Left cheek	0.063	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.010	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.190	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.066	0.042	0.142	0.168	0.206	0.044	0.228	0.031
N26	Left cheek	0.029	0.312	0.201	0.461	0.279	0.335	0.343	0.290
	Left tilted	0.015	0.129	0.224	0.318	0.337	0.099	0.491	0.105
	Right cheek	0.049	0.057	0.131	0.169	0.165	0.046	0.197	0.043
	Right tilted	0.027	0.042	0.142	0.168	0.206	0.044	0.228	0.031

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Test position		Summed SAR											
		1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+2+6	1+3+8	1+5+8	1+6+8	1+7+8
GSM850	Left cheek	0.437	0.326	0.586	0.404	0.460	0.468	0.415	0.772	0.616	0.694	0.750	0.758
	Left tilted	0.190	0.285	0.379	0.398	0.160	0.552	0.166	0.289	0.390	0.503	0.265	0.657
	Right cheek	0.380	0.454	0.492	0.488	0.369	0.520	0.366	0.426	0.497	0.531	0.412	0.563
	Right tilted	0.148	0.248	0.274	0.312	0.150	0.334	0.137	0.192	0.279	0.343	0.181	0.365
WCDMA B5	Left cheek	0.444	0.333	0.593	0.411	0.467	0.475	0.422	0.779	0.623	0.701	0.757	0.765
	Left tilted	0.199	0.294	0.388	0.407	0.169	0.561	0.175	0.298	0.399	0.512	0.274	0.666
	Right cheek	0.335	0.409	0.447	0.443	0.324	0.475	0.321	0.381	0.452	0.486	0.367	0.518
	Right tilted	0.156	0.256	0.282	0.320	0.158	0.342	0.145	0.200	0.287	0.351	0.189	0.373
LTE B12	Left cheek	0.450	0.339	0.599	0.417	0.473	0.481	0.428	0.785	0.629	0.707	0.763	0.771
	Left tilted	0.192	0.287	0.381	0.400	0.162	0.554	0.168	0.291	0.392	0.505	0.267	0.659
	Right cheek	0.171	0.245	0.283	0.279	0.160	0.311	0.157	0.217	0.288	0.322	0.203	0.354
	Right tilted	0.124	0.224	0.250	0.288	0.126	0.310	0.113	0.168	0.255	0.319	0.157	0.341
LTE B13	Left cheek	0.464	0.353	0.613	0.431	0.487	0.495	0.442	0.799	0.643	0.721	0.777	0.785
	Left tilted	0.236	0.331	0.425	0.444	0.206	0.598	0.212	0.335	0.436	0.549	0.311	0.703
	Right cheek	0.279	0.353	0.391	0.387	0.268	0.419	0.265	0.325	0.396	0.430	0.311	0.462
	Right tilted	0.174	0.274	0.300	0.338	0.176	0.360	0.163	0.218	0.305	0.369	0.207	0.391
LTE B26	Left cheek	0.464	0.353	0.613	0.431	0.487	0.495	0.442	0.799	0.643	0.721	0.777	0.785
	Left tilted	0.226	0.321	0.415	0.434	0.196	0.588	0.202	0.325	0.426	0.539	0.301	0.693
	Right cheek	0.414	0.488	0.526	0.522	0.403	0.554	0.400	0.460	0.531	0.565	0.446	0.597
	Right tilted	0.187	0.287	0.313	0.351	0.189	0.373	0.176	0.231	0.318	0.382	0.220	0.404
N12	Left cheek	0.375	0.264	0.524	0.342	0.398	0.406	0.353	0.710	0.554	0.632	0.688	0.696
	Left tilted	0.139	0.234	0.328	0.347	0.109	0.501	0.115	0.238	0.339	0.452	0.214	0.606
	Right cheek	0.247	0.321	0.359	0.355	0.236	0.387	0.233	0.293	0.364	0.398	0.279	0.430
	Right tilted	0.108	0.208	0.234	0.272	0.110	0.294	0.097	0.152	0.239	0.303	0.141	0.325
N26	Left cheek	0.341	0.230	0.490	0.308	0.364	0.372	0.319	0.676	0.520	0.598	0.654	0.662
	Left tilted	0.144	0.239	0.333	0.352	0.114	0.506	0.120	0.243	0.344	0.457	0.219	0.611
	Right cheek	0.106	0.180	0.218	0.214	0.095	0.246	0.092	0.152	0.223	0.257	0.138	0.289
	Right tilted	0.069	0.169	0.195	0.233	0.071	0.255	0.058	0.113	0.200	0.264	0.102	0.286

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