

Appendix B:SAR Measurement Results-Front of face

GSM850										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 3Tx slots	Front	128	824.2	30.38	30.50	1.028	-0.05	0.426	0.438	1
		190	836.6	30.31	30.50	1.045	-0.17	0.410	0.428	-
		251	848.8	29.72	30.50	1.197	0.06	0.351	0.420	-

PCS1900										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 3Tx slots	Front	512	1850.2	27.05	27.50	1.109	0.14	0.104	0.115	-
		661	1880.0	27.18	27.50	1.076	-0.06	0.118	0.127	2
		810	1909.8	27.18	27.50	1.076	0.03	0.116	0.125	-

WCDMA Band II										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	9262	1852.4	22.67	23.50	1.211	-0.11	0.101	0.122	-
		9400	1880.0	22.94	23.50	1.138	0.03	0.109	0.124	-
		9538	1907.6	23.05	23.50	1.109	-0.14	0.117	0.130	3

WCDMA Band IV										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	1312	1712.4	22.33	23.00	1.167	-0.09	0.192	0.224	-
		1413	1732.6	22.38	23.00	1.153	0.14	0.195	0.225	-
		1513	1752.6	22.54	23.00	1.112	-0.13	0.215	0.239	4

WCDMA Band V										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	4132	826.4	23.41	24.00	1.146	0.02	0.332	0.380	-
		4183	836.6	23.50	24.00	1.122	-0.08	0.357	0.401	5
		4233	846.6	23.26	24.00	1.186	-0.14	0.327	0.388	-

LTE Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	18700	1860.0	22.64	23.00	1.086	0.06	0.117	0.127	-
		18900	1880.0	22.58	23.00	1.102	-0.09	0.112	0.123	-
		19100	1900.0	22.77	23.00	1.054	-0.12	0.125	0.132	6
20M QPSK 50RB	Front	18700	1860.0	21.24	22.00	1.191	-	-	-	-
		18900	1880.0	21.69	22.00	1.074	-	-	-	-
		19100	1900.0	21.57	22.00	1.104	-0.06	0.085	0.094	-

Appendix B:SAR Measurement Results-Front of face

LTE Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20050	1720.0	22.07	22.50	1.104	0.05	0.143	0.158	-
		20175	1732.5	21.79	22.50	1.178	-0.11	0.120	0.141	-
		20300	1745.0	22.10	22.50	1.096	-0.16	0.151	0.166	7
20M QPSK 50RB	Front	20050	1720.0	20.90	21.50	1.148	-	-	-	-
		20175	1732.5	21.04	21.50	1.112	-	-	-	-
		20300	1745.0	21.09	21.50	1.099	-0.03	0.107	0.118	-

LTE Band 5										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	20450	829.0	22.92	23.00	1.019	-0.11	0.281	0.286	-
		20525	836.5	22.99	23.00	1.002	0.13	0.295	0.296	8
		20600	844.0	22.54	23.00	1.112	0.09	0.256	0.285	-
10M QPSK 25RB	Front	20450	829.0	21.98	22.00	1.005	-	-	-	-
		20525	836.5	21.88	22.00	1.028	0.07	0.210	0.216	-
		20600	844.0	21.43	22.00	1.140	-	-	-	-

LTE Band 7										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20850	2510.0	22.06	22.50	1.107	0.06	0.029	0.032	-
		21100	2535.0	22.06	22.50	1.107	-0.12	0.028	0.031	-
		21350	2560.0	22.36	22.50	1.033	-0.08	0.034	0.035	9
20M QPSK 50RB	Front	20850	2510.0	20.72	21.50	1.197	-	-	-	-
		21100	2535.0	21.04	21.50	1.112	-	-	-	-
		21350	2560.0	21.11	21.50	1.094	-0.03	0.025	0.027	-

LTE Band 17										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	23780	709.0	22.15	22.50	1.084	-0.14	0.184	0.199	-
		23790	710.0	22.17	22.50	1.079	-0.03	0.199	0.215	10
		23800	711.0	22.08	22.50	1.102	0.08	0.176	0.194	-
10M QPSK 25RB	Front	23780	709.0	21.18	21.50	1.076	-	-	-	-
		23790	710.0	21.12	21.50	1.091	0.05	0.125	0.136	-
		23800	711.0	21.10	21.50	1.096	-	-	-	-

Appendix B:SAR Measurement Results-Front of face

WIFI 2.4G												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11b 1Mbps	Front	1	2412	9.70	10.00	1.072	0.994	1.006	-0.11	0.001	0.001	-
		6	2437	10.81	11.00	1.045	0.994	1.006	-0.01	0.002	0.002	-
		11	2462	11.60	12.00	1.096	0.994	1.006	-0.08	0.003	0.003	11

Appendix B:SAR Measurement Results-Body

GSM850										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 3Tx slots	Front	128	824.2	30.38	30.50	1.028	-0.04	1.280	1.316	12
		190	836.6	30.31	30.50	1.045	0.08	1.250	1.306	-
		251	848.8	29.72	30.50	1.197	-0.02	1.040	1.245	-
	Rear	128	824.2	30.38	30.50	1.028	0.07	0.695	0.714	-
		190	836.6	30.31	30.50	1.045	-	-	-	-
		251	848.8	29.72	30.50	1.197	-	-	-	-
	Rear (With Belt clip)	128	824.2	30.38	30.50	1.028	0.01	0.650	0.668	-
		190	836.6	30.31	30.50	1.045	-	-	-	-
		251	848.8	29.72	30.50	1.197	-	-	-	-

PCS1900										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 3Tx slots	Front	512	1850.2	27.05	27.50	1.109	-0.15	0.549	0.609	-
		661	1880.0	27.18	27.50	1.076	0.01	0.574	0.618	13
		810	1909.8	27.18	27.50	1.076	-0.06	0.568	0.611	-
	Rear	512	1850.2	27.05	27.50	1.109	-	-	-	-
		661	1880.0	27.18	27.50	1.076	0.02	0.315	0.339	-
		810	1909.8	27.18	27.50	1.076	-	-	-	-
	Rear (With Belt clip)	512	1850.2	27.05	27.50	1.109	-	-	-	-
		661	1880.0	27.18	27.50	1.076	-0.14	0.296	0.319	-
		810	1909.8	27.18	27.50	1.076	-	-	-	-

WCDMA Band II										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	9262	1852.4	22.67	23.50	1.211	0.09	0.611	0.740	-
		9400	1880.0	22.94	23.50	1.138	0.05	0.655	0.745	-
		9538	1907.6	23.05	23.50	1.109	-0.16	0.677	0.751	14
	Rear	9262	1852.4	22.67	23.50	1.211	-	-	-	-
		9400	1880.0	22.94	23.50	1.138	-	-	-	-
		9538	1907.6	23.05	23.50	1.109	-0.18	0.467	0.518	-
	Rear (With Belt clip)	9262	1852.4	22.67	23.50	1.211	-	-	-	-
		9400	1880.0	22.94	23.50	1.138	-	-	-	-
		9538	1907.6	23.05	23.50	1.109	-0.03	0.449	0.498	-

WCDMA Band IV										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	1312	1712.4	22.33	23.00	1.167	0.12	0.947	1.105	-
		1413	1732.6	22.38	23.00	1.153	0.06	0.958	1.105	-
		1513	1752.6	22.54	23.00	1.112	0.01	1.020	1.134	15
	Rear	1312	1712.4	22.33	23.00	1.167	-	-	-	-
		1413	1732.6	22.38	23.00	1.153	-	-	-	-
		1513	1752.6	22.54	23.00	1.112	-0.15	0.351	0.390	-
	Rear (With Belt clip)	1312	1712.4	22.33	23.00	1.167	-	-	-	-
		1413	1732.6	22.38	23.00	1.153	-	-	-	-
		1513	1752.6	22.54	23.00	1.112	0.00	0.257	0.286	-

Appendix B:SAR Measurement Results-Body

WCDMA Band V										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	4132	826.4	23.41	24.00	1.146	0.06	0.615	0.704	-
		4183	836.6	23.50	24.00	1.122	0.01	0.637	0.715	16
		4233	846.6	23.26	24.00	1.186	-0.14	0.592	0.702	-
	Rear	4132	826.4	23.41	24.00	1.146	-	-	-	-
		4183	836.6	23.50	24.00	1.122	-0.01	0.444	0.498	-
		4233	846.6	23.26	24.00	1.186	-	-	-	-
	Rear (With Belt clip)	4132	826.4	23.41	24.00	1.146	-	-	-	-
		4183	836.6	23.50	24.00	1.122	0.15	0.415	0.466	-
		4233	846.6	23.26	24.00	1.186	-	-	-	-

LTE Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	18700	1860.0	22.64	23.00	1.086	-0.14	0.622	0.676	-
		18900	1880.0	22.58	23.00	1.102	-0.08	0.611	0.673	-
		19100	1900.0	22.77	23.00	1.054	0.04	0.659	0.695	17
	Rear	18700	1860.0	22.64	23.00	1.086	-	-	-	-
		18900	1880.0	22.58	23.00	1.102	-	-	-	-
		19100	1900.0	22.77	23.00	1.054	-0.09	0.401	0.423	-
	Rear (With Belt clip)	18700	1860.0	22.64	23.00	1.086	-	-	-	-
		18900	1880.0	22.58	23.00	1.102	-	-	-	-
		19100	1900.0	22.77	23.00	1.054	-0.12	0.366	0.386	-
20M QPSK 50RB	Front	18700	1860.0	21.24	22.00	1.191	-	-	-	-
		18900	1880.0	21.69	22.00	1.074	-	-	-	-
		19100	1900.0	21.57	22.00	1.104	0.05	0.548	0.605	-
	Rear	18700	1860.0	21.24	22.00	1.191	-	-	-	-
		18900	1880.0	21.69	22.00	1.074	-	-	-	-
		19100	1900.0	21.57	22.00	1.104	-0.09	0.310	0.342	-
	Rear (With Belt clip)	18700	1860.0	21.24	22.00	1.191	-	-	-	-
		18900	1880.0	21.69	22.00	1.074	-	-	-	-
		19100	1900.0	21.57	22.00	1.104	-0.04	0.294	0.325	-

Appendix B:SAR Measurement Results-Body

LTE Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20050	1720.0	22.07	22.50	1.104	-0.08	0.711	0.785	-
		20175	1732.5	21.79	22.50	1.178	0.05	0.672	0.791	-
		20300	1745.0	22.10	22.50	1.096	-0.14	0.726	0.796	18
	Rear	20050	1720.0	22.07	22.50	1.104	-	-	-	-
		20175	1732.5	21.79	22.50	1.178	-	-	-	-
		20300	1745.0	22.10	22.50	1.096	-0.13	0.229	0.251	-
	Rear (With Belt clip)	20050	1720.0	22.07	22.50	1.104	-	-	-	-
		20175	1732.5	21.79	22.50	1.178	-	-	-	-
		20300	1745.0	22.10	22.50	1.096	-0.12	0.199	0.218	-
20M QPSK 50RB	Front	20050	1720.0	20.90	21.50	1.148	-	-	-	-
		20175	1732.5	21.04	21.50	1.112	-	-	-	-
		20300	1745.0	21.09	21.50	1.099	0.08	0.641	0.704	-
	Rear	20050	1720.0	20.90	21.50	1.148	-	-	-	-
		20175	1732.5	21.04	21.50	1.112	-	-	-	-
		20300	1745.0	21.09	21.50	1.099	-0.03	0.143	0.157	-
	Rear (With Belt clip)	20050	1720.0	20.90	21.50	1.148	-	-	-	-
		20175	1732.5	21.04	21.50	1.112	-	-	-	-
		20300	1745.0	21.09	21.50	1.099	-0.10	0.101	0.111	-

LTE Band 5										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	20450	829.0	22.92	23.00	1.019	-0.19	0.551	0.561	-
		20525	836.5	22.99	23.00	1.002	-0.05	0.565	0.566	19
		20600	844.0	22.54	23.00	1.112	0.08	0.504	0.560	-
	Rear	20450	829.0	22.92	23.00	1.019	-	-	-	-
		20525	836.5	22.99	23.00	1.002	-0.02	0.377	0.378	-
		20600	844.0	22.54	23.00	1.112	-	-	-	-
	Rear (With Belt clip)	20450	829.0	22.92	23.00	1.019	-	-	-	-
		20525	836.5	22.99	23.00	1.002	-0.05	0.351	0.352	-
		20600	844.0	22.54	23.00	1.112	-	-	-	-
10M QPSK 25RB	Front	20450	829.0	21.98	22.00	1.005	-	-	-	-
		20525	836.5	21.88	22.00	1.028	-0.09	0.451	0.464	-
		20600	844.0	21.43	22.00	1.140	-	-	-	-
	Rear	20450	829.0	21.98	22.00	1.005	-	-	-	-
		20525	836.5	21.88	22.00	1.028	-0.05	0.315	0.324	-
		20600	844.0	21.43	22.00	1.140	-	-	-	-
	Rear (With Belt clip)	20450	829.0	21.98	22.00	1.005	-	-	-	-
		20525	836.5	21.88	22.00	1.028	-0.08	0.307	0.316	-
		20600	844.0	21.43	22.00	1.140	-	-	-	-

Appendix B:SAR Measurement Results-Body

LTE Band 7										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20850	2510.0	22.06	22.50	1.107	-0.07	0.107	0.118	-
		21100	2535.0	22.06	22.50	1.107	-0.09	0.110	0.122	-
		21350	2560.0	22.36	22.50	1.033	-0.13	0.129	0.133	20
	Rear	20850	2510.0	22.06	22.50	1.107	-	-	-	-
		21100	2535.0	22.06	22.50	1.107	-	-	-	-
		21350	2560.0	22.36	22.50	1.033	-0.06	0.061	0.063	-
	Rear (With Belt clip)	20850	2510.0	22.06	22.50	1.107	-	-	-	-
		21100	2535.0	22.06	22.50	1.107	-	-	-	-
		21350	2560.0	22.36	22.50	1.033	-0.11	0.060	0.062	-
20M QPSK 50RB	Front	20850	2510.0	20.72	21.50	1.197	-	-	-	-
		21100	2535.0	21.04	21.50	1.112	-	-	-	-
		21350	2560.0	21.11	21.50	1.094	-0.07	0.104	0.114	-
	Rear	20850	2510.0	20.72	21.50	1.197	-	-	-	-
		21100	2535.0	21.04	21.50	1.112	-	-	-	-
		21350	2560.0	21.11	21.50	1.094	-0.10	0.047	0.051	-
	Rear (With Belt clip)	20850	2510.0	20.72	21.50	1.197	-	-	-	-
		21100	2535.0	21.04	21.50	1.112	-	-	-	-
		21350	2560.0	21.11	21.50	1.094	-0.03	0.043	0.047	-

LTE Band 17										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	23780	709.0	22.15	22.50	1.084	-0.11	0.455	0.493	-
		23790	710.0	22.17	22.50	1.079	-0.08	0.475	0.512	21
		23800	711.0	22.08	22.50	1.102	0.03	0.429	0.473	-
	Rear	23780	709.0	22.15	22.50	1.084	-	-	-	-
		23790	710.0	22.17	22.50	1.079	0.05	0.340	0.367	-
		23800	711.0	22.08	22.50	1.102	-	-	-	-
	Rear (With Belt clip)	23780	709.0	22.15	22.50	1.084	-	-	-	-
		23790	710.0	22.17	22.50	1.079	-0.12	0.331	0.357	-
		23800	711.0	22.08	22.50	1.102	-	-	-	-
10M QPSK 25RB	Front	23780	709.0	21.18	21.50	1.076	-	-	-	-
		23790	710.0	21.12	21.50	1.091	0.09	0.402	0.439	-
		23800	711.0	21.10	21.50	1.096	-	-	-	-
	Rear	23780	709.0	21.18	21.50	1.076	-	-	-	-
		23790	710.0	21.12	21.50	1.091	-0.02	0.256	0.279	-
		23800	711.0	21.10	21.50	1.096	-	-	-	-
	Rear (With Belt clip)	23780	709.0	21.18	21.50	1.076	-	-	-	-
		23790	710.0	21.12	21.50	1.091	-0.13	0.241	0.263	-
		23800	711.0	21.10	21.50	1.096	-	-	-	-

Appendix B:SAR Measurement Results-Body

WIFI 2.4G												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11b 1Mbps	Front	1	2412	9.70	10.00	1.072	0.99	1.006	-	-	-	-
		6	2437	10.81	11.00	1.045	0.99	1.006	-	-	-	-
		11	2462	11.60	12.00	1.096	0.99	1.006	-0.05	0.022	0.024	-
	Rear	1	2412	9.70	10.00	1.072	0.99	1.006	-0.11	0.019	0.020	-
		6	2437	10.81	11.00	1.045	0.99	1.006	-0.09	0.021	0.022	-
		11	2462	11.60	12.00	1.096	0.99	1.006	-0.18	0.034	0.038	22
	Rear (With Belt clip)	1	2412	9.70	12.00	1.698	0.99	1.006	-	-	-	-
		6	2437	10.81	12.00	1.315	0.99	1.006	-	-	-	-
		11	2462	11.60	12.00	1.096	0.99	1.006	0.14	0.031	0.034	-