

Project No.	SHT2205032402EW		
Test sample No.	YPHT22050324002	Model No.	Tronik 12
Start test date	2022/5/25	Finish date	2022/5/30
Temperature	22.4°C	Humidity	45%
Test Engineer	Bo Wang	Auditor	<i>Xiaodong Zhao</i>

Appendix clause	Test Item	Result
A	Conducted Power Measurement Results	PASS
B	SAR Measurement Results	PASS
C	Simultaneous Transmission analysis	PASS

Appendix A:Conducted Power Measurement Results-GSM

GSM850		Burst Average Power (dBm)			Tune-up limit (dBm)	Division Factors	Frame-Average Power (dBm)			Tune-up limit (dBm)
		CH128	CH190	CH251			CH128	CH190	CH251	
		824.2MHz	836.6MHz	848.8MHz			824.2MHz	836.6MHz	848.8MHz	
GSM		33.94	34.03	33.79	34.50	-9.03	24.91	25.00	24.76	25.47
GPRS (GMSK)	1Tx slot	33.99	33.83	33.57	34.00	-9.03	24.96	24.80	24.54	24.97
	2Tx slots	32.49	32.49	32.32	32.50	-6.02	26.47	26.47	26.30	26.48
	3Tx slots	30.40	30.42	30.34	30.50	-4.26	26.14	26.16	26.08	26.24
	4Tx slots	28.78	28.86	28.75	29.00	-3.01	25.77	25.85	25.74	25.99
EGPRS (8PSK)	1Tx slot	27.78	27.43	27.06	28.00	-9.03	18.75	18.40	18.03	18.97
	2Tx slots	25.99	25.95	25.48	26.00	-6.02	19.97	19.93	19.46	19.98
	3Tx slots	24.53	23.11	22.77	25.00	-4.26	20.27	18.85	18.51	20.74
	4Tx slots	21.68	21.49	21.11	22.00	-3.01	18.67	18.48	18.10	18.99

GSM1900		Burst Average Power (dBm)			Tune-up limit (dBm)	Division Factors	Frame-Average Power (dBm)			Tune-up limit (dBm)
		CH512	CH661	CH810			CH512	CH661	CH810	
		1850.2MHz	1880MHz	1909.8MHz			1850.2MHz	1880.0MHz	1909.8MHz	
GSM		31.17	31.02	30.65	31.50	-9.03	22.14	21.99	21.62	22.47
GPRS (GMSK)	1Tx slot	31.18	30.78	30.41	31.50	-9.03	22.15	21.75	21.38	22.47
	2Tx slots	29.39	29.17	29.04	29.50	-6.02	23.37	23.15	23.02	23.48
	3Tx slots	27.18	26.92	26.54	27.50	-4.26	22.92	22.66	22.28	23.24
	4Tx slots	25.63	25.37	24.98	26.00	-3.01	22.62	22.36	21.97	22.99
EGPRS (8PSK)	1Tx slot	26.93	26.29	25.54	27.00	-9.03	17.90	17.26	16.51	17.97
	2Tx slots	25.22	24.93	24.36	25.50	-6.02	19.20	18.91	18.34	19.48
	3Tx slots	22.78	22.25	21.65	23.00	-4.26	18.52	17.99	17.39	18.74
	4Tx slots	20.88	20.73	19.99	21.00	-3.01	17.87	17.72	16.98	17.99

Appendix A:Conducted Power Measurement Results-WCDMA

WCDMA Band II		Conducted Power (dBm)			Tune-up limit (dBm)
		CH9262	CH9400	CH9538	
		1852.4MHz	1880MHz	1907.6MHz	
AMR 12.2K		24.57	24.47	24.44	25.00
RMC 12.2K		24.61	24.51	24.48	25.00
HSDPA	Subtest-1	24.46	24.37	24.21	24.50
	Subtest-2	23.87	23.84	23.68	24.00
	Subtest-3	23.88	23.83	23.69	24.00
	Subtest-4	23.86	23.81	23.68	24.00
HSUPA	Subtest-1	22.34	22.28	22.19	22.50
	Subtest-2	22.84	22.74	22.65	23.00
	Subtest-3	23.36	23.32	23.18	23.50
	Subtest-4	22.37	22.28	22.18	22.50
	Subtest-5	24.35	24.29	24.20	24.50

WCDMA Band V		Conducted Power (dBm)			Tune-up limit (dBm)
		CH4132	CH4183	CH4233	
		826.4MHz	836.6MHz	846.6MHz	
AMR 12.2K		24.33	24.25	23.96	24.50
RMC 12.2K		24.37	24.29	24.00	24.50
HSDPA	Subtest-1	24.19	24.11	23.85	24.50
	Subtest-2	23.73	23.70	23.36	24.00
	Subtest-3	23.74	23.68	23.39	24.00
	Subtest-4	23.73	23.69	23.37	24.00
HSUPA	Subtest-1	22.27	22.16	21.88	22.50
	Subtest-2	22.76	22.65	22.31	23.00
	Subtest-3	23.19	23.18	22.83	23.50
	Subtest-4	22.25	22.23	21.88	22.50
	Subtest-5	24.19	24.14	23.85	24.50

Appendix A:Conducted Power Measurement Results-LTE

LTE-FDD Band 2				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width (MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	24.33	23.80	23.59	24.50
			2	24.49	23.85	23.71	
			5	24.11	23.78	23.59	
		3	0	23.86	23.86	23.66	24.00
			1	23.86	23.87	23.67	
			3	23.87	23.88	23.69	
		6	0	22.87	22.91	22.68	23.00
	16QAM	1	0	23.33	22.88	22.69	24.00
			2	23.56	23.01	22.80	
			5	22.94	22.88	22.70	
		3	0	22.75	22.74	22.58	23.00
			1	22.75	22.74	22.58	
			3	22.71	22.78	22.57	
		6	0	21.89	21.74	21.52	22.00
3	QPSK	1	0	23.92	23.95	23.70	24.00
			8	23.91	23.91	23.71	
			14	23.92	23.89	23.69	
		8	0	22.93	22.96	22.74	23.00
			4	22.91	22.94	22.78	
			7	22.89	22.93	22.73	
		15	0	22.88	22.90	22.67	23.00
	16QAM	1	0	23.07	22.80	22.82	23.50
			8	23.05	22.79	22.79	
			14	23.03	22.78	22.79	
		8	0	21.90	21.92	21.69	22.00
			4	21.88	21.91	21.72	
			7	21.88	21.87	21.71	
		15	0	21.77	21.78	21.66	22.00
5	QPSK	1	0	23.91	23.92	23.62	24.50
			12	24.05	23.99	23.78	
			24	23.92	23.84	23.63	
		12	0	22.84	22.88	22.74	23.00
			6	22.89	22.90	22.72	
			13	22.95	22.92	22.66	
		25	0	22.99	22.90	22.70	23.00
	16QAM	1	0	23.02	22.82	22.56	23.50
			12	23.20	22.94	22.71	
			24	23.07	22.85	22.61	
		12	0	21.93	21.90	21.76	22.00
			6	21.91	21.92	21.70	
			13	21.97	21.90	21.67	
		25	0	21.89	21.94	21.69	22.00

10	QPSK	1	0	23.81	23.85	23.62	24.50
			24	24.02	23.94	23.64	
			49	23.84	23.78	23.52	
		25	0	22.84	22.89	22.71	23.00
			12	22.86	22.91	22.72	
			25	22.98	22.83	22.62	
		50	0	22.87	22.86	22.63	23.00
	16QAM	1	0	22.95	22.65	22.67	23.50
			24	23.09	22.83	22.74	
			49	23.02	22.63	22.66	
		25	0	21.85	21.87	21.63	22.00
			12	21.85	21.91	21.63	
			25	21.95	21.84	21.58	
		50	0	21.86	21.80	21.59	22.00
15	QPSK	1	0	23.76	23.74	23.59	24.00
			38	23.96	23.84	23.66	
			74	23.75	23.67	23.43	
		38	0	22.95	22.57	22.67	23.50
			18	23.16	22.74	22.73	
			37	22.95	22.56	22.59	
		75	0	22.99	22.93	22.77	23.00
	16QAM	1	0	22.98	22.58	22.66	23.50
			38	23.18	22.76	22.70	
			74	22.94	22.53	22.59	
		38	0	22.93	22.60	22.68	23.50
			18	23.16	22.72	22.70	
			37	22.95	22.56	22.59	
		75	0	21.92	21.85	21.63	22.00
20	QPSK	1	0	23.68	23.52	23.57	24.50
			49	24.13	23.88	23.94	
			99	23.68	23.39	23.42	
		50	0	22.85	22.82	22.75	23.00
			25	22.87	22.84	22.76	
			50	22.94	22.79	22.55	
		100	0	22.92	22.81	22.64	23.00
	16QAM	1	0	22.76	22.55	22.60	23.50
			49	23.12	22.94	22.81	
			99	22.70	22.51	22.38	
		50	0	21.84	21.85	21.71	22.00
			25	21.85	21.86	21.68	
			50	21.92	21.79	21.49	
		100	0	21.88	21.78	21.58	22.00

LTE-FDD Band 4				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	23.89	23.77	23.80	24.50
			2	24.02	23.94	23.98	
			5	23.91	23.81	23.81	
		3	0	23.78	23.86	23.85	24.00
			1	23.79	23.83	23.84	
			3	23.82	23.92	23.88	
		6	0	23.04	22.91	22.92	23.50
	16QAM	1	0	22.75	22.85	22.83	23.50
			2	22.96	23.08	23.06	
			5	22.77	22.87	22.88	
		3	0	22.59	22.79	22.74	23.00
			1	22.62	22.70	22.75	
			3	22.61	22.76	22.74	
		6	0	21.72	21.74	21.74	22.00
3	QPSK	1	0	23.95	23.85	23.80	24.00
			8	23.94	23.83	23.81	
			14	23.90	23.83	23.82	
		8	0	22.92	22.88	22.90	23.00
			4	22.89	22.89	22.88	
			7	22.93	22.89	22.87	
		15	0	22.79	22.82	22.83	23.00
	16QAM	1	0	22.82	22.71	22.91	24.00
			8	22.76	22.69	22.89	
			14	22.77	22.72	23.65	
		8	0	21.75	21.87	21.86	22.00
			4	21.76	21.88	21.88	
			7	21.76	21.83	21.84	
		15	0	21.63	21.75	21.83	22.00
5	QPSK	1	0	23.84	23.82	23.77	24.00
			12	23.93	23.92	23.88	
			24	23.80	23.79	23.78	
		12	0	22.75	22.81	22.83	23.00
			6	22.73	22.80	22.84	
			13	22.75	22.76	22.76	
		25	0	22.71	22.82	22.80	23.00
	16QAM	1	0	22.81	22.71	22.64	23.00
			12	22.88	22.85	22.79	
			24	22.75	22.74	22.73	
		12	0	21.69	21.85	21.84	22.00
			6	21.69	21.83	21.83	
			13	21.72	21.81	21.77	
		25	0	21.66	21.87	21.81	22.00

10	QPSK	1	0	23.90	23.79	23.80	24.50
			24	24.08	24.00	23.90	
			49	23.88	23.82	23.77	
		25	0	22.79	22.92	22.90	23.00
			12	22.84	22.91	22.88	
			25	22.76	22.89	22.75	
		50	0	22.72	22.86	22.81	23.00
	16QAM	1	0	22.78	22.70	22.80	23.00
			24	22.93	22.89	22.99	
			49	22.83	22.73	22.90	
		25	0	21.73	21.96	21.83	22.00
			12	21.71	21.98	21.82	
			25	21.77	21.88	21.76	
		50	0	21.67	21.88	21.79	22.00
15	QPSK	1	0	23.83	23.69	23.64	24.00
			38	23.91	23.81	23.81	
			74	23.75	23.73	23.63	
		38	0	22.81	22.57	22.70	23.00
			18	22.91	22.66	22.78	
			37	22.84	22.57	22.78	
		75	0	22.92	22.92	22.98	23.00
	16QAM	1	0	22.82	22.57	22.70	23.00
			38	22.89	22.67	22.81	
			74	22.87	22.53	22.80	
		38	0	22.84	22.58	22.72	23.00
			18	22.89	22.74	22.83	
			37	22.85	22.52	22.80	
		75	0	21.82	21.87	21.80	22.00
20	QPSK	1	0	23.68	23.42	23.56	24.50
			49	24.05	23.78	24.07	
			99	23.56	23.42	23.63	
		50	0	22.67	22.81	22.80	23.00
			25	22.69	22.82	22.79	
			50	22.75	22.74	22.69	
		100	0	22.72	22.76	22.76	23.00
	16QAM	1	0	22.55	22.45	22.52	23.00
			49	22.86	22.89	22.90	
			99	22.61	22.48	22.53	
		50	0	21.65	21.88	21.76	22.00
			25	21.63	21.87	21.76	
			50	21.71	21.77	21.68	
		100	0	21.67	21.77	21.69	22.00

LTE-FDD Band 5				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	24.05	23.68	23.31	24.50
			2	24.11	23.82	23.43	
			5	24.02	23.70	23.30	
		3	0	23.79	23.67	23.34	24.00
			1	23.88	23.69	23.33	
			3	23.89	23.71	23.30	
		6	0	22.77	22.79	22.37	23.00
	16QAM	1	0	22.84	22.70	22.29	23.00
			2	22.93	22.86	22.44	
			5	22.98	22.69	22.32	
		3	0	22.87	22.56	22.19	23.00
			1	22.94	22.57	22.21	
			3	22.97	22.56	22.16	
		6	0	21.79	21.65	21.41	22.00
3	QPSK	1	0	23.80	23.79	23.33	24.00
			8	23.82	23.75	23.32	
			14	23.80	23.74	23.32	
		8	0	22.81	22.74	22.36	23.00
			4	22.79	22.77	22.36	
			7	22.76	22.77	22.36	
		15	0	22.72	22.69	22.29	23.00
	16QAM	1	0	22.89	22.60	22.48	23.00
			8	22.85	22.59	22.40	
			14	22.82	22.58	22.41	
		8	0	21.81	21.77	21.42	22.00
			4	21.81	21.77	21.43	
			7	21.79	21.78	21.38	
		15	0	21.70	21.60	21.35	22.00
5	QPSK	1	0	23.74	23.74	23.35	24.00
			12	23.85	23.82	23.41	
			24	23.77	23.70	23.28	
		12	0	22.73	22.63	22.32	23.00
			6	22.74	22.64	22.33	
			13	22.69	22.67	22.27	
		25	0	22.73	22.64	22.33	23.00
	16QAM	1	0	22.87	22.60	22.27	23.00
			12	22.97	22.70	22.35	
			24	22.85	22.63	22.22	
		12	0	21.84	21.68	21.40	22.00
			6	21.82	21.71	21.39	
			13	21.74	21.71	21.31	
		25	0	21.74	21.69	21.39	22.00
10	QPSK	1	0	23.71	23.66	23.27	24.00
			24	23.90	23.72	23.34	
			49	23.71	23.64	23.29	
		25	0	22.83	22.63	22.38	23.00
			12	22.83	22.61	22.39	
			25	22.75	22.71	22.30	
		50	0	22.76	22.65	22.34	23.00
	16QAM	1	0	22.58	22.75	22.36	23.00
			24	22.79	22.89	22.48	
			49	22.58	22.76	22.36	
		25	0	21.88	21.58	21.42	22.00
			12	21.89	21.61	21.39	
			25	21.81	21.72	21.33	
		50	0	21.80	21.66	21.36	22.00

LTE-FDD Band 7				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	23.00	23.15	23.15	23.50
			12	23.20	23.28	23.28	
			24	23.06	23.17	23.13	
		12	0	22.14	22.19	22.23	22.50
			6	22.12	22.19	22.18	
			13	22.13	22.17	22.19	
		25	0	22.11	22.20	22.18	22.50
	16QAM	1	0	22.21	22.18	22.12	22.50
			12	22.35	22.30	22.19	
			24	22.22	22.18	22.05	
		12	0	21.14	21.19	21.18	21.50
			6	21.13	21.20	21.15	
			13	21.13	21.15	21.13	
		25	0	21.07	21.21	21.10	21.50
10	QPSK	1	0	22.88	23.17	23.17	23.50
			24	22.90	23.27	23.32	
			49	23.14	23.26	23.19	
		25	0	22.19	22.30	22.27	22.50
			12	22.19	22.29	22.30	
			25	22.25	22.22	22.24	
		50	0	22.21	22.24	22.26	22.50
	16QAM	1	0	22.21	22.07	22.35	22.50
			24	22.33	22.22	22.44	
			49	22.28	22.16	22.26	
		25	0	21.18	21.29	21.22	21.50
			12	21.15	21.29	21.24	
			25	21.21	21.26	21.16	
		50	0	21.18	21.21	21.18	21.50
15	QPSK	1	0	22.82	23.10	23.15	23.50
			38	23.11	23.27	23.26	
			74	23.25	23.15	23.05	
		38	0	22.25	22.01	22.28	22.50
			18	22.40	22.17	22.37	
			37	22.27	22.04	22.15	
		75	0	22.27	22.32	22.40	22.50
	16QAM	1	0	22.59	22.00	22.29	23.00
			38	22.67	22.17	22.38	
			74	22.27	22.06	22.14	
		38	0	22.26	21.98	22.29	22.50
			18	22.41	22.17	22.38	
			37	22.26	22.07	22.13	
		75	0	21.18	21.23	21.23	21.50
20	QPSK	1	0	22.53	22.93	23.04	23.50
			49	23.26	23.39	23.49	
			99	22.78	23.08	23.07	
		50	0	22.09	22.27	22.19	22.50
			25	22.11	22.26	22.17	
			50	22.30	22.13	22.20	
		100	0	22.17	22.18	22.20	22.50
	16QAM	1	0	22.17	21.96	22.14	23.00
			49	22.39	22.39	22.52	
			99	21.88	22.03	22.02	
		50	0	21.12	21.21	21.13	21.50
			25	21.09	21.21	21.15	
			50	21.28	21.07	21.18	
		100	0	21.12	21.14	21.14	21.50

LTE-FDD Band 12				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	23.06	23.08	23.06	23.50
			2	23.20	23.13	23.21	
			5	23.07	23.03	23.07	
		3	0	23.16	23.14	23.17	23.50
			1	23.15	23.15	23.18	
			3	23.20	23.17	23.18	
		6	0	22.07	22.08	22.15	22.50
	16QAM	1	0	22.09	22.19	21.95	22.50
			2	22.29	22.33	22.13	
			5	22.12	22.16	21.96	
		3	0	22.05	22.10	22.03	22.50
			1	22.06	22.08	22.01	
			3	22.07	22.07	21.99	
		6	0	21.11	20.95	21.10	21.50
3	QPSK	1	0	23.16	23.21	23.07	23.50
			8	23.19	23.15	23.19	
			14	23.15	23.13	23.15	
		8	0	22.15	22.15	22.15	22.50
			4	22.16	22.15	22.16	
			7	22.16	22.17	22.16	
		15	0	22.16	22.14	22.16	22.50
	16QAM	1	0	22.30	22.08	22.27	22.50
			8	22.32	22.03	22.29	
			14	22.30	22.04	22.23	
		8	0	21.14	21.20	21.24	21.50
			4	21.14	21.16	21.22	
			7	21.15	21.22	21.23	
		15	0	21.10	21.08	21.15	21.50
5	QPSK	1	0	23.09	23.15	23.04	23.50
			12	23.24	23.26	23.17	
			24	23.15	23.13	23.07	
		12	0	22.15	22.13	22.17	22.50
			6	22.16	22.11	22.15	
			13	22.07	22.19	22.04	
		25	0	22.17	22.17	22.14	22.50
	16QAM	1	0	22.21	22.15	21.98	22.50
			12	22.40	22.22	22.17	
			24	22.34	22.12	22.10	
		12	0	21.25	21.18	21.19	21.50
			6	21.28	21.20	21.17	
			13	21.15	21.23	21.08	
		25	0	21.16	21.25	21.19	21.50
10	QPSK	1	0	23.06	23.10	23.12	23.50
			24	23.22	23.24	23.20	
			49	23.06	23.08	23.17	
		25	0	22.37	22.29	22.09	22.50
			12	22.36	22.29	22.09	
			25	22.31	22.37	22.11	
		50	0	22.36	22.32	22.07	22.50
	16QAM	1	0	22.21	22.27	22.01	22.50
			24	22.47	22.40	22.07	
			49	22.26	22.23	22.02	
		25	0	21.38	21.32	21.06	21.50
			12	21.37	21.35	21.09	
			25	21.30	21.40	21.14	
		50	0	21.32	21.34	21.08	21.50

LTE-FDD Band 17				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	23.54	23.53	23.47	24.00
			12	23.64	23.59	23.53	
			24	23.54	23.48	23.42	
		12	0	22.59	22.43	22.55	23.00
			6	22.60	22.44	22.27	
			13	22.59	22.51	22.32	
		25	0	22.66	22.49	22.26	23.00
	16QAM	1	0	22.72	22.52	22.43	23.00
			12	22.85	22.56	22.58	
			24	22.67	22.47	22.42	
		12	0	21.69	21.49	21.59	22.00
			6	21.70	21.46	21.33	
			13	21.65	21.56	21.27	
		25	0	21.64	21.59	20.69	22.00
10	QPSK	1	0	23.56	23.57	23.52	24.00
			24	23.67	23.66	23.54	
			49	23.49	23.49	23.45	
		25	0	22.58	22.52	22.51	23.00
			12	22.60	22.51	22.49	
			25	22.66	22.55	22.46	
		50	0	22.65	22.55	22.51	23.00
	16QAM	1	0	22.74	22.48	22.72	23.00
			24	22.75	22.53	22.72	
			49	22.71	22.44	22.65	
		25	0	21.63	21.56	21.45	22.00
			12	21.62	21.58	21.48	
			25	21.71	21.58	21.45	
		50	0	21.66	21.56	21.49	22.00

Appendix A:Conducted Power Measurement Results-WIFI/Bluetooth

WIFI 2.4G					
Mode	Channel	Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)	Tune-up limit (dBm)
802.11b	1	2412	14.63	12.32	12.50
	6	2437	15.34	12.86	13.00
	11	2462	15.48	13.00	13.00
802.11g	1	2412	13.78	11.24	11.50
	6	2437	14.25	11.72	12.00
	11	2462	15.05	12.86	13.00
802.11n (HT20)	1	2412	13.99	11.55	12.00
	6	2437	14.49	12.06	12.50
	11	2462	15.25	12.78	13.00
802.11n (HT40)	3	2422	14.18	11.72	1.00
	6	2437	14.92	12.58	13.00
	9	2452	15.11	12.95	13.00

Bluetooth						
Mode		Channel	Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)	Tune-up limit (dBm)
EDR	GFSK	0	2402	2.00	1.98	2.00
		39	2441	3.94	3.86	4.00
		78	2480	1.74	1.71	2.00
	$\pi/4$ QPSK	0	2402	2.15	1.71	2.00
		39	2441	3.92	3.35	3.50
		78	2480	1.92	1.41	1.50
	8DPSK	0	2402	2.24	1.65	2.00
		39	2441	4.15	3.43	3.50
		78	2480	2.09	1.43	1.50
BLE	GFSK	0	2402	2.68	2.65	3.00
		19	2440	4.65	4.62	5.00
		39	2480	2.63	2.60	3.00

Appendix B:SAR Measurement Results-Head

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 2Tx slots	Left-Cheek	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	-0.11	0.138	0.138	1
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Left-Tilt	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	0.12	0.106	0.106	-
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Right-Cheek	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	0.05	0.128	0.128	-
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Right-Tilt	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	-0.06	0.097	0.097	-
		251	848.8	32.32	32.50	1.042	-	-	-	-

GSM1900										
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 2Tx slots	Left-Cheek	512	1850.2	29.39	29.50	1.026	-0.14	0.226	0.232	2
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-
	Left-Tilt	512	1850.2	29.39	29.50	1.026	-0.10	0.182	0.187	-
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-
	Right-Cheek	512	1850.2	29.39	29.50	1.026	0.07	0.217	0.223	-
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-
	Right-Tilt	512	1850.2	29.39	29.50	1.026	0.09	0.171	0.175	-
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-

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	Left-Cheek	9262	1852.4	24.61	25.00	1.094	0.09	0.291	0.318	3
		9400	1880.0	24.51	25.00	1.119	-	-	-	-
		9538	1907.6	24.48	25.00	1.127	-	-	-	-
	Left-Tilt	9262	1852.4	24.61	25.00	1.094	0.08	0.239	0.261	-
		9400	1880.0	24.51	25.00	1.119	-	-	-	-
		9538	1907.6	24.48	25.00	1.127	-	-	-	-
	Right-Cheek	9262	1852.4	24.61	25.00	1.094	0.12	0.278	0.304	-
		9400	1880.0	24.51	25.00	1.119	-	-	-	-
		9538	1907.6	24.48	25.00	1.127	-	-	-	-
	Right-Tilt	9262	1852.4	24.61	25.00	1.094	-0.04	0.223	0.244	-
		9400	1880.0	24.51	25.00	1.119	-	-	-	-
		9538	1907.6	24.48	25.00	1.127	-	-	-	-

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	Left-Cheek	4132	826.4	24.37	24.50	1.030	-0.12	0.146	0.150	4
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-
	Left-Tilt	4132	826.4	24.37	24.50	1.030	-0.10	0.120	0.124	-
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-
	Right-Cheek	4132	826.4	24.37	24.50	1.030	-0.16	0.139	0.143	-
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-
	Right-Tilt	4132	826.4	24.37	24.50	1.030	0.05	0.111	0.114	-
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-

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	Left-Cheek	18700	1860.0	24.13	24.50	1.089	-0.08	0.276	0.301	5
		18900	1880.0	23.88	24.50	1.153	-	-	-	-
		19100	1900.0	23.94	24.50	1.138	-	-	-	-
	Left-Tilt	18700	1860.0	24.13	24.50	1.089	0.06	0.226	0.246	-
		18900	1880.0	23.88	24.50	1.153	-	-	-	-
		19100	1900.0	23.94	24.50	1.138	-	-	-	-
	Right-Cheek	18700	1860.0	24.13	24.50	1.089	0.04	0.269	0.293	-
		18900	1880.0	23.88	24.50	1.153	-	-	-	-
		19100	1900.0	23.94	24.50	1.138	-	-	-	-
	Right-Tilt	18700	1860.0	24.13	24.50	1.089	-0.05	0.214	0.233	-
		18900	1880.0	23.88	24.50	1.153	-	-	-	-
		19100	1900.0	23.94	24.50	1.138	-	-	-	-
20M QPSK 50RB	Left-Cheek	18700	1860.0	22.94	23.00	1.014	-0.05	0.218	0.221	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-
	Left-Tilt	18700	1860.0	22.94	23.00	1.014	0.04	0.178	0.181	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-
	Right-Cheek	18700	1860.0	22.94	23.00	1.014	0.02	0.212	0.215	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-
	Right-Tilt	18700	1860.0	22.94	23.00	1.014	-0.03	0.169	0.172	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-

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	Left-Cheek	20050	1720.0	24.05	24.50	1.109	-	-	-	-
		20175	1732.5	23.78	24.50	1.180	-	-	-	-
		20300	1745.0	24.07	24.50	1.104	-0.04	0.501	0.553	6
	Left-Tilt	20050	1720.0	24.05	24.50	1.109	-	-	-	-
		20175	1732.5	23.78	24.50	1.180	-	-	-	-
		20300	1745.0	24.07	24.50	1.104	0.01	0.374	0.413	-
	Right-Cheek	20050	1720.0	24.05	24.50	1.109	-	-	-	-
		20175	1732.5	23.78	24.50	1.180	-	-	-	-
		20300	1745.0	24.07	24.50	1.104	0.02	0.486	0.537	-
	Right-Tilt	20050	1720.0	24.05	24.50	1.109	-	-	-	-
		20175	1732.5	23.78	24.50	1.180	-	-	-	-
		20300	1745.0	24.07	24.50	1.104	-0.01	0.377	0.417	-
20M QPSK 50RB	Left-Cheek	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	-0.08	0.457	0.476	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-
	Left-Tilt	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	0.06	0.361	0.376	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-
	Right-Cheek	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	0.04	0.415	0.433	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-
	Right-Tilt	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	-0.05	0.295	0.307	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-

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	Left-Cheek	20450	829.0	23.90	24.00	1.023	0.04	0.137	0.140	7
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
	Left-Tilt	20450	829.0	23.90	24.00	1.023	-0.03	0.112	0.115	-
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
	Right-Cheek	20450	829.0	23.90	24.00	1.023	-0.02	0.133	0.137	-
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
	Right-Tilt	20450	829.0	23.90	24.00	1.023	0.02	0.106	0.109	-
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
10M QPSK 25RB	Left-Cheek	20450	829.0	22.83	23.00	1.040	-0.06	0.122	0.127	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-
	Left-Tilt	20450	829.0	22.83	23.00	1.040	0.04	0.100	0.104	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-
	Right-Cheek	20450	829.0	22.83	23.00	1.040	0.03	0.119	0.124	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-
	Right-Tilt	20450	829.0	22.83	23.00	1.040	-0.03	0.095	0.099	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-

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	Left-Cheek	20850	2510.0	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	-0.10	0.358	0.359	8
	Left-Tilt	20850	2510.0	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	0.01	0.267	0.268	-
	Right-Cheek	20850	2510.0	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	0.05	0.348	0.348	-
	Right-Tilt	20850	2510.0	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	-0.03	0.270	0.270	-
20M QPSK 50RB	Left-Cheek	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	-0.05	0.312	0.334	-
	Left-Tilt	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	0.04	0.246	0.264	-
	Right-Cheek	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	0.02	0.283	0.304	-
	Right-Tilt	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	-0.03	0.201	0.215	-

LTE Band 12										
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	Left-Cheek	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	0.08	0.051	0.054	9
		23130	711.0	23.20	23.50	1.072	-	-	-	-
	Left-Tilt	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	0.04	0.043	0.045	-
		23130	711.0	23.20	23.50	1.072	-	-	-	-
	Right-Cheek	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	-0.06	0.049	0.052	-
		23130	711.0	23.20	23.50	1.072	-	-	-	-
	Right-Tilt	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	0.03	0.039	0.041	-
		23130	711.0	23.20	23.50	1.072	-	-	-	-
10M QPSK 25RB	Left-Cheek	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	0.02	0.042	0.043	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-
	Left-Tilt	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	-0.01	0.033	0.034	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-
	Right-Cheek	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	0.01	0.042	0.043	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-
	Right-Tilt	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	0.01	0.034	0.035	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-

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	Left-Cheek	23780	709.0	23.67	24.00	1.079	0.08	0.060	0.065	10
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
	Left-Tilt	23780	709.0	23.67	24.00	1.079	-0.06	0.049	0.053	-
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
	Right-Cheek	23780	709.0	23.67	24.00	1.079	-0.04	0.058	0.063	-
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
	Right-Tilt	23780	709.0	23.67	24.00	1.079	0.05	0.047	0.050	-
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
10M QPSK 25RB	Left-Cheek	23780	709.0	22.66	23.00	1.081	0.03	0.042	0.045	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-
	Left-Tilt	23780	709.0	22.66	23.00	1.081	-0.02	0.034	0.037	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-
	Right-Cheek	23780	709.0	22.66	23.00	1.081	-0.01	0.041	0.044	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-
	Right-Tilt	23780	709.0	22.66	23.00	1.081	0.02	0.033	0.035	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-

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	Left-Cheek	1	2412	12.32	12.50	1.042	99.50%	1.005	-	-	-	-
		6	2437	12.86	13.00	1.033	99.50%	1.005	-	-	-	-
		11	2462	13.00	13.00	1.000	99.50%	1.005	-0.09	0.046	0.046	11
	Left-Tilt	1	2412	12.32	12.50	1.042	99.50%	1.005	-	-	-	-
		6	2437	12.86	13.00	1.033	99.50%	1.005	-	-	-	-
		11	2462	13.00	13.00	1.000	99.50%	1.005	0.12	0.039	0.039	-
	Right-Cheek	1	2412	12.32	12.50	1.042	99.50%	1.005	-	-	-	-
		6	2437	12.86	13.00	1.033	99.50%	1.005	-	-	-	-
		11	2462	13.00	13.00	1.000	99.50%	1.005	0.05	0.044	0.044	-
	Right-Tilt	1	2412	12.32	12.50	1.042	99.50%	1.005	-	-	-	-
		6	2437	12.86	13.00	1.033	99.50%	1.005	-	-	-	-
		11	2462	13.00	13.00	1.000	99.50%	1.005	-0.06	0.037	0.037	-

Bluetooth												
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)	
GFSK	Left-Cheek	0	2402	2.65	3.00	1.084	61.30%	1.631	-	-	-	-
		19	2440	4.62	5.00	1.091	61.30%	1.631	-0.05	0.045	0.080	12
		39	2480	2.60	3.00	1.096	61.30%	1.631	-	-	-	-
	Left-Tilt	0	2402	2.65	3.00	1.084	61.30%	1.631	-	-	-	-
		19	2440	4.62	5.00	1.091	61.30%	1.631	-0.08	0.035	0.062	-
		39	2480	2.60	3.00	1.096	61.30%	1.631	-	-	-	-
	Right-Cheek	0	2402	2.65	3.00	1.084	61.30%	1.631	-	-	-	-
		19	2440	4.62	5.00	1.091	61.30%	1.631	-0.02	0.040	0.071	-
		39	2480	2.60	3.00	1.096	61.30%	1.631	-	-	-	-
	Right-Tilt	0	2402	2.65	3.00	1.084	61.30%	1.631	-	-	-	-
		19	2440	4.62	5.00	1.091	61.30%	1.631	-0.10	0.028	0.050	-
		39	2480	2.60	3.00	1.096	61.30%	1.631	-	-	-	-

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 2Tx slots	Front	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	0.01	0.222	0.223	-
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Rear	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	-0.02	0.337	0.338	13
		251	848.8	32.32	32.50	1.042	-	-	-	-

GSM1900										
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 2Tx slots	Front	512	1850.2	29.39	29.50	1.026	0.07	0.474	0.486	-
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-
	Rear	512	1850.2	29.39	29.50	1.026	-0.10	0.749	0.768	14
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-

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	24.61	25.00	1.094	0.00	0.581	0.636	-
		9400	1880.0	24.51	25.00	1.119	-	-	-	-
		9538	1907.6	24.48	25.00	1.127	-	-	-	-
	Rear	9262	1852.4	24.61	25.00	1.094	-0.01	0.816	0.893	15
		9400	1880.0	24.51	25.00	1.119	0.15	0.745	0.834	-
		9538	1907.6	24.48	25.00	1.127	0.09	0.736	0.830	-

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	24.37	24.50	1.030	0.07	0.246	0.253	-
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-
	Rear	4132	826.4	24.37	24.50	1.030	-0.17	0.345	0.355	16
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-

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	24.13	24.50	1.089	0.02	0.645	0.702	-
		18900	1880.0	23.88	24.50	1.153	-	-	-	-
		19100	1900.0	23.94	24.50	1.138	-	-	-	-
	Rear	18700	1860.0	24.13	24.50	1.089	-0.06	0.907	0.988	17
		18900	1880.0	23.88	24.50	1.153	0.13	0.845	0.975	-
		19100	1900.0	23.94	24.50	1.138	0.09	0.855	0.973	-
20M QPSK 50RB	Front	18700	1860.0	22.94	23.00	1.014	0.04	0.537	0.544	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-
	Rear	18700	1860.0	22.94	23.00	1.014	-0.10	0.755	0.766	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-
20M QPSK 100RB	Rear	18700	1860.0	22.92	23.00	1.019	0.17	0.741	0.755	-
		18900	1880.0	22.81	23.00	1.045	-	-	-	-
		19100	1900.0	22.64	23.00	1.086	-	-	-	-

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	24.05	24.50	1.109	-	-	-	-
		20175	1732.5	23.78	24.50	1.180	-	-	-	-
		20300	1745.0	24.07	24.50	1.104	-0.01	0.591	0.653	-
	Rear	20050	1720.0	24.05	24.50	1.109	0.08	0.785	0.871	-
		20175	1732.5	23.78	24.50	1.180	0.05	0.722	0.852	-
		20300	1745.0	24.07	24.50	1.104	0.03	0.831	0.917	18
20M QPSK 50RB	Front	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	0.08	0.458	0.477	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-
	Rear	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	-0.05	0.644	0.671	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-
20M QPSK 100RB	Rear	20050	1720.0	22.72	23.00	1.067	-	-	-	-
		20175	1732.5	22.76	23.00	1.057	0.09	0.629	0.665	-
		20300	1745.0	22.76	23.00	1.057	-	-	-	-

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	23.90	24.00	1.023	0.02	0.229	0.234	-
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
	Rear	20450	829.0	23.90	24.00	1.023	-0.04	0.321	0.329	19
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
10M QPSK 25RB	Front	20450	829.0	22.83	23.00	1.040	0.02	0.217	0.226	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-
	Rear	20450	829.0	22.83	23.00	1.040	-0.06	0.305	0.317	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-

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	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	0.05	0.500	0.501	-
	Rear	20850	2510.0	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	-0.13	0.702	0.704	20
20M QPSK 50RB	Front	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	0.03	0.443	0.475	-
	Rear	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	-0.08	0.623	0.668	-

LTE Band 12										
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	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	0.01	0.080	0.085	-
		23130	711.0	23.20	23.50	1.072	-	-	-	-
	Rear	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	-0.02	0.112	0.119	21
		23130	711.0	23.20	23.50	1.072	-	-	-	-
10M QPSK 25RB	Front	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	0.02	0.073	0.075	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-
	Rear	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	-0.05	0.102	0.105	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-

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	23.67	24.00	1.079	-0.01	0.091	0.098	-
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
	Rear	23780	709.0	23.67	24.00	1.079	0.02	0.128	0.138	22
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
10M QPSK 25RB	Front	23780	709.0	22.66	23.00	1.081	-0.02	0.080	0.087	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-
	Rear	23780	709.0	22.66	23.00	1.081	0.06	0.112	0.121	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-

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	12.32	12.50	1.042	1.000	1.000	-	-	-	-
		6	2437	12.86	13.00	1.033	1.000	1.000	-	-	-	-
		11	2462	13.00	13.00	1.000	1.000	1.000	-0.05	0.042	0.042	-
	Rear	1	2412	12.32	12.50	1.042	1.000	1.000	-	-	-	-
		6	2437	12.86	13.00	1.033	1.000	1.000	-	-	-	-
		11	2462	13.00	13.00	1.000	1.000	1.000	-0.10	0.061	0.061	23

Bluetooth												
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)	
GFSK	Front	0	2402	2.65	3.00	1.084	0.613	1.631	-	-	-	-
		39	2440	4.62	5.00	1.091	0.613	1.631	-0.02	0.048	0.078	-
		78	2480	2.60	3.00	1.096	0.613	1.631	-	-	-	-
	Rear	0	2402	1.98	3.00	1.084	0.613	1.631	-	-	-	-
		39	2440	3.86	5.00	1.091	0.613	1.631	-0.08	0.059	0.096	24
		78	2480	1.71	3.00	1.096	0.613	1.631	-	-	-	-

Appendix B:SAR Measurement Results-Hotspot

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 2Tx slots	Front	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	0.01	0.222	0.223	-
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Rear	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	-0.02	0.337	0.338	13
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Left	190	836.6	32.49	32.50	1.002	0.01	0.207	0.207	-
	Right	190	836.6	32.49	32.50	1.002	-0.01	0.198	0.198	-
	Top	190	836.6	32.49	32.50	1.002	-	-	-	-
	Bottom	190	836.6	32.49	32.50	1.002	-0.01	0.137	0.137	-

GSM1900										
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 2Tx slots	Front	512	1850.2	29.39	29.50	1.026	0.07	0.474	0.486	-
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-
	Rear	512	1850.2	29.39	29.50	1.026	-0.10	0.749	0.768	14
		661	1880.0	29.17	29.50	1.079	-	-	-	-
		810	1909.8	29.04	29.50	1.112	-	-	-	-
	Left	512	1850.2	29.39	29.50	1.026	0.06	0.461	0.473	-
	Right	512	1850.2	29.39	29.50	1.026	-0.04	0.440	0.451	-
	Top	512	1850.2	29.39	29.50	1.026	-	-	-	-
	Bottom	512	1850.2	29.39	29.50	1.026	-0.04	0.585	0.600	-

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	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	0.01	0.222	0.223	-
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Rear	128	824.2	32.49	32.50	1.002	-	-	-	-
		190	836.6	32.49	32.50	1.002	-0.02	0.337	0.338	13
		251	848.8	32.32	32.50	1.042	-	-	-	-
	Left	190	836.6	32.49	32.50	1.002	0.01	0.207	0.207	-
	Right	190	836.6	32.49	32.50	1.002	-0.01	0.198	0.198	-
	Top	190	836.6	32.49	32.50	1.002	-	-	-	-
	Bottom	190	836.6	32.49	32.50	1.002	-0.01	0.137	0.137	-

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	24.37	24.50	1.030	0.07	0.246	0.253	-
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-
	Rear	4132	826.4	24.37	24.50	1.030	-0.17	0.345	0.355	16
		4183	836.6	24.29	24.50	1.050	-	-	-	-
		4233	846.6	24.00	24.50	1.122	-	-	-	-
	Left	4132	826.4	24.37	24.50	1.030	0.10	0.212	0.218	-
	Right	4132	826.4	24.37	24.50	1.030	-0.06	0.203	0.209	-
	Top	4132	826.4	24.37	24.50	1.030	-	-	-	-
	Bottom	4132	826.4	24.37	24.50	1.030	-0.06	0.269	0.277	-

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	24.13	24.50	1.089	0.02	0.645	0.702	-
		18900	1880.0	23.88	24.50	1.153	-	-	-	-
		19100	1900.0	23.94	24.50	1.138	-	-	-	-
	Rear	18700	1860.0	24.13	24.50	1.089	-0.06	0.907	0.988	17
		18900	1880.0	23.88	24.50	1.153	0.13	0.845	0.975	-
		19100	1900.0	23.94	24.50	1.138	0.09	0.855	0.973	-
	Left	18700	1860.0	24.13	24.50	1.089	0.03	0.558	0.608	-
	Right	18700	1860.0	24.13	24.50	1.089	-0.02	0.533	0.580	-
	Top	18700	1860.0	24.13	24.50	1.089	-	-	-	-
	Bottom	18700	1860.0	24.13	24.50	1.089	-0.02	0.708	0.771	-
20M QPSK 50RB	Front	18700	1860.0	22.94	23.00	1.014	0.04	0.537	0.544	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-
	Rear	18700	1860.0	22.94	23.00	1.014	-0.10	0.755	0.766	-
		18900	1880.0	22.79	23.00	1.050	-	-	-	-
		19100	1900.0	22.55	23.00	1.109	-	-	-	-
	Left	18700	1860.0	22.79	23.00	1.050	0.06	0.465	0.488	-
	Right	18700	1860.0	22.79	23.00	1.050	-0.04	0.444	0.466	-
	Top	18700	1860.0	22.79	23.00	1.050	-	-	-	-
	Bottom	18700	1860.0	22.79	23.00	1.050	-0.04	0.589	0.618	-
20M QPSK 100RB	Rear	18700	1860.0	22.92	23.00	1.019	0.17	0.741	0.755	-
		18900	1880.0	22.81	23.00	1.045	-	-	-	-
		19100	1900.0	22.64	23.00	1.086	-	-	-	-

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	24.05	24.50	1.109	-	-	-	-
		20175	1732.5	23.78	24.50	1.180	-	-	-	-
		20300	1745.0	24.07	24.50	1.104	-0.01	0.591	0.653	-
	Rear	20050	1720.0	24.05	24.50	1.109	0.08	0.785	0.871	-
		20175	1732.5	23.78	24.50	1.180	0.05	0.722	0.852	-
		20300	1745.0	24.07	24.50	1.104	0.03	0.831	0.917	18
	Left	20300	1745.0	24.07	24.50	1.104	-0.02	0.511	0.564	-
	Right	20300	1745.0	24.07	24.50	1.104	0.01	0.489	0.540	-
	Top	20300	1745.0	24.07	24.50	1.104	-	-	-	-
20M QPSK 50RB	Front	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	0.08	0.458	0.477	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-
	Rear	20050	1720.0	22.69	23.00	1.074	-	-	-	-
		20175	1732.5	22.82	23.00	1.042	-0.05	0.644	0.671	-
		20300	1745.0	22.79	23.00	1.050	-	-	-	-
	Left	20175	1732.5	22.82	23.00	1.042	0.03	0.396	0.413	-
	Right	20175	1732.5	22.82	23.00	1.042	-0.02	0.379	0.395	-
	Top	20175	1732.5	22.82	23.00	1.042	-	-	-	-
	Bottom	20175	1732.5	22.82	23.00	1.042	-0.02	0.503	0.524	-
20M QPSK 100RB	Rear	20050	1720.0	22.72	23.00	1.067	-	-	-	-
		20175	1732.5	22.76	23.00	1.057	0.09	0.629	0.665	-
		20300	1745.0	22.76	23.00	1.057	-	-	-	-

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	23.90	24.00	1.023	0.02	0.229	0.234	-
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
	Rear	20450	829.0	23.90	24.00	1.023	-0.04	0.321	0.329	19
		20525	836.5	23.72	24.00	1.067	-	-	-	-
		20600	844.0	23.34	24.00	1.164	-	-	-	-
	Left	20450	829.0	23.90	24.00	1.023	0.02	0.198	0.203	-
	Right	20450	829.0	23.90	24.00	1.023	-0.01	0.189	0.193	-
	Top	20450	829.0	23.90	24.00	1.023	-	-	-	-
	Bottom	20450	829.0	23.90	24.00	1.023	-0.01	0.251	0.257	-
10M QPSK 25RB	Front	20450	829.0	22.83	23.00	1.040	0.02	0.217	0.226	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-
	Rear	20450	829.0	22.83	23.00	1.040	-0.06	0.305	0.317	-
		20525	836.5	22.61	23.00	1.094	-	-	-	-
		20600	844.0	22.39	23.00	1.151	-	-	-	-
	Left	20450	829.0	22.83	23.00	1.040	0.03	0.188	0.196	-
	Right	20450	829.0	22.83	23.00	1.040	-0.02	0.179	0.186	-
	Top	20450	829.0	22.83	23.00	1.040	-	-	-	-
	Bottom	20450	829.0	22.83	23.00	1.040	-0.02	0.238	0.248	-

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	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	0.05	0.500	0.501	-
	Rear	20850	2510.0	23.26	23.50	1.057	-	-	-	-
		21100	2535.0	23.39	23.50	1.026	-	-	-	-
		21350	2560.0	23.49	23.50	1.002	-0.13	0.702	0.704	20
	Left	21350	2560.0	23.49	23.50	1.002	0.07	0.432	0.433	-
	Right	21350	2560.0	23.49	23.50	1.002	-0.05	0.413	0.414	-
	Top	21350	2560.0	23.49	23.50	1.002	-	-	-	-
	Bottom	21350	2560.0	23.49	23.50	1.002	-0.05	0.548	0.549	-
20M QPSK 50RB	Front	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	0.03	0.443	0.475	-
	Rear	20850	2510.0	22.30	22.50	1.047	-	-	-	-
		21100	2535.0	22.13	22.50	1.089	-	-	-	-
		21350	2560.0	22.20	22.50	1.072	-0.08	0.623	0.668	-
	Left	21350	2560.0	22.20	22.50	1.072	0.05	0.383	0.410	-
	Right	21350	2560.0	22.20	22.50	1.072	-0.03	0.366	0.392	-
	Top	21350	2560.0	22.20	22.50	1.072	-	-	-	-
	Bottom	21350	2560.0	22.20	22.50	1.072	-0.03	0.486	0.521	-

LTE Band 12										
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	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	0.01	0.080	0.085	-
		23130	711.0	23.20	23.50	1.072	-	-	-	-
	Rear	23060	704.0	23.22	23.50	1.067	-	-	-	-
		23095	707.5	23.24	23.50	1.062	-0.02	0.112	0.119	21
		23130	711.0	23.20	23.50	1.072	-	-	-	-
	Left	23095	707.5	23.24	23.50	1.062	0.01	0.069	0.073	-
	Right	23095	707.5	23.24	23.50	1.062	-0.01	0.066	0.070	-
	Top	23095	707.5	23.24	23.50	1.062	-	-	-	-
	Bottom	23095	707.5	23.24	23.50	1.062	-0.01	0.045	0.048	-
10M QPSK 25RB	Front	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	0.02	0.073	0.075	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-
	Rear	23060	704.0	22.31	22.50	1.045	-	-	-	-
		23095	707.5	22.37	22.50	1.030	-0.05	0.102	0.105	-
		23130	711.0	22.11	22.50	1.094	-	-	-	-
	Left	23095	707.5	22.37	22.50	1.030	0.03	0.063	0.065	-
	Right	23095	707.5	22.37	22.50	1.030	-0.02	0.060	0.062	-
	Top	23095	707.5	22.37	22.50	1.030	-	-	-	-
	Bottom	23095	707.5	22.37	22.50	1.030	-0.02	0.041	0.042	-

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	23.67	24.00	1.079	-0.01	0.091	0.098	-
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
	Rear	23780	709.0	23.67	24.00	1.079	0.02	0.128	0.138	22
		23790	710.0	23.66	24.00	1.081	-	-	-	-
		23800	711.0	23.54	24.00	1.112	-	-	-	-
	Left	23780	709.0	23.67	24.00	1.079	-0.01	0.079	0.085	-
	Right	23780	709.0	23.67	24.00	1.079	0.01	0.075	0.081	-
	Top	23780	709.0	23.67	24.00	1.079	-	-	-	-
	Bottom	23780	709.0	23.67	24.00	1.079	0.01	0.100	0.108	-
10M QPSK 25RB	Front	23780	709.0	22.66	23.00	1.081	-0.02	0.080	0.087	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-
	Rear	23780	709.0	22.66	23.00	1.081	0.06	0.112	0.121	-
		23790	710.0	22.55	23.00	1.109	-	-	-	-
		23800	711.0	22.46	23.00	1.132	-	-	-	-
	Left	23780	709.0	22.66	23.00	1.081	-0.03	0.069	0.075	-
	Right	23780	709.0	22.66	23.00	1.081	0.02	0.066	0.071	-
	Top	23780	709.0	22.66	23.00	1.081	-	-	-	-
	Bottom	23780	709.0	22.66	23.00	1.081	0.02	0.087	0.094	-

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	12.32	12.50	1.042	0.995	1.005	-	-	-	-
		6	2437	12.86	13.00	1.033	0.995	1.005	-	-	-	-
		11	2462	13.00	13.00	1.000	0.995	1.005	-0.05	0.042	0.042	-
	Rear	1	2412	12.32	12.50	1.042	0.995	1.005	-	-	-	-
		6	2437	12.86	13.00	1.033	0.995	1.005	-	-	-	-
		11	2462	13.00	13.00	1.000	0.995	1.005	-0.10	0.061	0.061	23
	Left	11	2462	13.00	13.00	1.000	0.995	1.005	0.06	0.038	0.038	-
	Right	11	2462	13.00	13.00	1.000	0.995	1.005	-	-	-	-
	Top	11	2462	13.00	13.00	1.000	0.995	1.005	-0.09	0.050	0.050	-
	Bottom	11	2462	13.00	13.00	1.000	0.995	1.005	-	-	-	-

Appendix C: Simultaneous Transmission analysis-Head

WWAN + WLAN					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	WLAN	(W/kg)
GSM	GSM850	Left Cheek	0.138	0.046	0.185
		Left Tilted	0.106	0.039	0.145
		Right Cheek	0.128	0.044	0.173
		Right Tilted	0.097	0.037	0.135
	GSM1900	Left Cheek	0.232	0.046	0.278
		Left Tilted	0.187	0.039	0.226
		Right Cheek	0.223	0.044	0.267
		Right Tilted	0.175	0.037	0.213
WCDMA	Band II	Left Cheek	0.318	0.046	0.365
		Left Tilted	0.261	0.039	0.301
		Right Cheek	0.304	0.044	0.349
		Right Tilted	0.244	0.037	0.281
	Band V	Left Cheek	0.150	0.046	0.197
		Left Tilted	0.124	0.039	0.163
		Right Cheek	0.143	0.044	0.188
		Right Tilted	0.114	0.037	0.152
LTE	B2 1RB	Left Cheek	0.301	0.046	0.347
		Left Tilted	0.246	0.039	0.285
		Right Cheek	0.293	0.044	0.337
		Right Tilted	0.233	0.037	0.271
	B2 50RB	Left Cheek	0.221	0.046	0.267
		Left Tilted	0.181	0.039	0.220
		Right Cheek	0.215	0.044	0.260
		Right Tilted	0.172	0.037	0.209
	B4 1RB	Left Cheek	0.553	0.046	0.599
		Left Tilted	0.413	0.039	0.452
		Right Cheek	0.537	0.044	0.581
		Right Tilted	0.417	0.037	0.454
	B4 50RB	Left Cheek	0.476	0.046	0.523
		Left Tilted	0.376	0.039	0.415
		Right Cheek	0.433	0.044	0.477
		Right Tilted	0.307	0.037	0.344
	B5 1RB	Left Cheek	0.140	0.046	0.186
		Left Tilted	0.115	0.039	0.154
		Right Cheek	0.137	0.044	0.181
		Right Tilted	0.109	0.037	0.146
	B5 25RB	Left Cheek	0.127	0.046	0.173
		Left Tilted	0.104	0.039	0.143
		Right Cheek	0.124	0.044	0.168
		Right Tilted	0.099	0.037	0.136

LIC

B7 1RB	Left Cheek	0.359	0.046	0.405
	Left Tilted	0.268	0.039	0.307
	Right Cheek	0.348	0.044	0.393
	Right Tilted	0.270	0.037	0.308
B7 50RB	Left Cheek	0.334	0.046	0.381
	Left Tilted	0.264	0.039	0.303
	Right Cheek	0.304	0.044	0.348
	Right Tilted	0.215	0.037	0.253
B12 1RB	Left Cheek	0.054	0.046	0.100
	Left Tilted	0.045	0.039	0.085
	Right Cheek	0.052	0.044	0.097
	Right Tilted	0.041	0.037	0.079
B12 25RB	Left Cheek	0.043	0.046	0.090
	Left Tilted	0.034	0.039	0.073
	Right Cheek	0.043	0.044	0.087
	Right Tilted	0.035	0.037	0.072
B17 1RB	Left Cheek	0.065	0.046	0.111
	Left Tilted	0.053	0.039	0.092
	Right Cheek	0.063	0.044	0.108
	Right Tilted	0.050	0.037	0.088
B17 25RB	Left Cheek	0.045	0.046	0.092
	Left Tilted	0.037	0.039	0.076
	Right Cheek	0.044	0.044	0.089
	Right Tilted	0.035	0.037	0.072

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
GSM	GSM850	Left Cheek	0.138	0.080	0.218
		Left Tilted	0.106	0.062	0.168
		Right Cheek	0.128	0.071	0.199
		Right Tilted	0.097	0.050	0.147
	GSM1900	Left Cheek	0.232	0.080	0.312
		Left Tilted	0.187	0.062	0.249
		Right Cheek	0.223	0.071	0.294
		Right Tilted	0.175	0.050	0.225
WCDMA	Band II	Left Cheek	0.318	0.080	0.398
		Left Tilted	0.261	0.062	0.323
		Right Cheek	0.304	0.071	0.375
		Right Tilted	0.244	0.050	0.294
	Band V	Left Cheek	0.150	0.080	0.230
		Left Tilted	0.124	0.062	0.186
		Right Cheek	0.143	0.071	0.214
		Right Tilted	0.114	0.050	0.164
LTE	B2 1RB	Left Cheek	0.301	0.080	0.381
		Left Tilted	0.246	0.062	0.308
		Right Cheek	0.293	0.071	0.364
		Right Tilted	0.233	0.050	0.283
	B2 50RB	Left Cheek	0.221	0.080	0.301
		Left Tilted	0.181	0.062	0.243
		Right Cheek	0.215	0.071	0.286
		Right Tilted	0.172	0.050	0.222
	B4 1RB	Left Cheek	0.553	0.080	0.633
		Left Tilted	0.413	0.062	0.475
		Right Cheek	0.537	0.071	0.608
		Right Tilted	0.417	0.050	0.467
	B4 50RB	Left Cheek	0.476	0.080	0.556
		Left Tilted	0.376	0.062	0.438
		Right Cheek	0.433	0.071	0.504
		Right Tilted	0.307	0.050	0.357
	B5 1RB	Left Cheek	0.140	0.080	0.220
		Left Tilted	0.115	0.062	0.177
		Right Cheek	0.137	0.071	0.208
		Right Tilted	0.109	0.050	0.159
	B5 25RB	Left Cheek	0.127	0.080	0.207
		Left Tilted	0.104	0.062	0.166
		Right Cheek	0.124	0.071	0.195
		Right Tilted	0.099	0.050	0.149

LIC

B7 1RB	Left Cheek	0.359	0.080	0.439
	Left Tilted	0.268	0.062	0.330
	Right Cheek	0.348	0.071	0.419
	Right Tilted	0.270	0.050	0.320
B7 50RB	Left Cheek	0.334	0.080	0.414
	Left Tilted	0.264	0.062	0.326
	Right Cheek	0.304	0.071	0.375
	Right Tilted	0.215	0.050	0.265
B12 1RB	Left Cheek	0.054	0.080	0.134
	Left Tilted	0.045	0.062	0.107
	Right Cheek	0.052	0.071	0.123
	Right Tilted	0.041	0.050	0.091
B12 25RB	Left Cheek	0.043	0.080	0.123
	Left Tilted	0.034	0.062	0.096
	Right Cheek	0.043	0.071	0.114
	Right Tilted	0.035	0.050	0.085
B17 1RB	Left Cheek	0.065	0.080	0.145
	Left Tilted	0.053	0.062	0.115
	Right Cheek	0.063	0.071	0.134
	Right Tilted	0.050	0.050	0.100
B17 25RB	Left Cheek	0.045	0.080	0.125
	Left Tilted	0.037	0.062	0.099
	Right Cheek	0.044	0.071	0.115
	Right Tilted	0.035	0.050	0.085

Appendix C: Simultaneous Transmission analysis-Body

WWAN + WLAN					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	WLAN	(W/kg)
GSM	GSM850	Front	0.223	0.042	0.265
		Rear	0.338	0.061	0.399
	GSM1900	Front	0.486	0.042	0.528
		Rear	0.768	0.061	0.829
WCDMA	Band II	Front	0.636	0.042	0.678
		Rear	0.893	0.061	0.954
	Band V	Front	0.253	0.042	0.295
		Rear	0.355	0.061	0.416
LTE	B2 1RB	Front	0.702	0.042	0.744
		Rear	0.988	0.061	1.049
	B2 50RB	Front	0.544	0.042	0.586
		Rear	0.766	0.061	0.827
	B4 1RB	Front	0.653	0.042	0.695
		Rear	0.917	0.061	0.978
	B4 50RB	Front	0.477	0.042	0.519
		Rear	0.671	0.061	0.732
	B5 1RB	Front	0.234	0.042	0.276
		Rear	0.329	0.061	0.390
	B5 25RB	Front	0.226	0.042	0.268
		Rear	0.317	0.061	0.378
	B7 1RB	Front	0.501	0.042	0.543
		Rear	0.704	0.061	0.765
	B7 50RB	Front	0.475	0.042	0.517
		Rear	0.668	0.061	0.729
	B12 1RB	Front	0.085	0.042	0.127
		Rear	0.119	0.061	0.180
	B12 25RB	Front	0.075	0.042	0.117
		Rear	0.105	0.061	0.166
	B17 1RB	Front	0.098	0.042	0.140
		Rear	0.138	0.061	0.199
	B17 25RB	Front	0.087	0.042	0.129
		Rear	0.121	0.061	0.182

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
GSM	GSM850	Front	0.223	0.078	0.301
		Rear	0.338	0.096	0.434
	GSM1900	Front	0.486	0.078	0.564
		Rear	0.768	0.096	0.864
WCDMA	Band II	Front	0.636	0.078	0.714
		Rear	0.893	0.096	0.989
	Band V	Front	0.253	0.078	0.331
		Rear	0.355	0.096	0.451
LTE	B2 1RB	Front	0.702	0.078	0.780
		Rear	0.988	0.096	1.084
	B2 50RB	Front	0.544	0.078	0.622
		Rear	0.766	0.096	0.862
	B4 1RB	Front	0.653	0.078	0.731
		Rear	0.917	0.096	1.013
	B4 50RB	Front	0.477	0.078	0.555
		Rear	0.671	0.096	0.767
	B5 1RB	Front	0.234	0.078	0.312
		Rear	0.329	0.096	0.425
	B5 25RB	Front	0.226	0.078	0.304
		Rear	0.317	0.096	0.413
	B7 1RB	Front	0.501	0.078	0.579
		Rear	0.704	0.096	0.800
	B7 50RB	Front	0.475	0.078	0.553
		Rear	0.668	0.096	0.764
	B12 1RB	Front	0.085	0.078	0.163
		Rear	0.119	0.096	0.215
	B12 25RB	Front	0.075	0.078	0.153
		Rear	0.105	0.096	0.201
	B17 1RB	Front	0.098	0.078	0.176
		Rear	0.138	0.096	0.234
	B17 25RB	Front	0.087	0.078	0.165
		Rear	0.121	0.096	0.217

Appendix C: Simultaneous Transmission analysis-Hotsopt

WWAN + WLAN					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	WLAN	(W/kg)
GSM	GSM850	Front	0.223	0.042	0.265
		Rear	0.338	0.061	0.399
		Left side	0.207	0.038	0.245
		Right side	0.198	-	0.198
		Top side	-	0.050	0.050
		Bottom side	0.137	-	0.137
	GSM1900	Front	0.486	0.042	0.528
		Rear	0.768	0.061	0.829
		Left side	0.473	0.038	0.511
		Right side	0.451	-	0.451
		Top side	-	0.050	0.050
		Bottom side	0.600	-	0.600
WCDMA	Band II	Front	0.636	0.042	0.678
		Rear	0.893	0.061	0.954
		Left side	0.549	0.038	0.587
		Right side	0.525	-	0.525
		Top side	-	0.050	0.050
		Bottom side	0.697	-	0.697
	Band V	Front	0.253	0.042	0.295
		Rear	0.355	0.061	0.416
		Left side	0.218	0.038	0.256
		Right side	0.209	-	0.209
		Top side	-	0.050	0.050
		Bottom side	0.277	-	0.277
	B2 1RB	Front	0.702	0.042	0.744
		Rear	0.988	0.061	1.049
		Left side	0.608	0.038	0.646
		Right side	0.580	-	0.580
		Top side	-	0.050	0.050
		Bottom side	0.771	-	0.771
	B2 50RB	Front	0.544	0.042	0.586
		Rear	0.766	0.061	0.827
		Left side	0.488	0.038	0.526
		Right side	0.466	-	0.466
		Top side	-	0.050	0.050
		Bottom side	0.618	-	0.618

LTE

B4 1RB	Front	0.653	0.042	0.695
	Rear	0.917	0.061	0.978
	Left side	0.564	0.038	0.602
	Right side	0.580	-	0.580
	Top side	-	0.050	0.050
	Bottom side	0.717	-	0.717
B4 50RB	Front	0.477	0.042	0.519
	Rear	0.671	0.061	0.732
	Left side	0.413	0.038	0.451
	Right side	0.395	-	0.395
	Top side	-	0.050	0.050
	Bottom side	0.524	-	0.524
B5 1RB	Front	0.234	0.042	0.276
	Rear	0.329	0.061	0.390
	Left side	0.203	0.038	0.241
	Right side	0.193	-	0.193
	Top side	-	0.050	0.050
	Bottom side	0.257	-	0.257
B5 25RB	Front	0.226	0.042	0.268
	Rear	-0.317	0.061	-0.256
	Left side	0.196	0.038	0.234
	Right side	0.186	-	0.186
	Top side	-	0.050	0.050
	Bottom side	0.248	-	0.248
B7 1RB	Front	0.501	0.042	0.543
	Rear	0.704	0.061	0.765
	Left side	0.433	0.038	0.471
	Right side	0.414	-	0.414
	Top side	-	0.050	0.050
	Bottom side	0.549	-	0.549
B7 50RB	Front	0.475	0.042	0.517
	Rear	0.668	0.061	0.729
	Left side	0.410	0.038	0.448
	Right side	0.392	-	0.392
	Top side	-	0.050	0.050
	Bottom side	0.521	-	0.521
B12 1RB	Front	0.085	0.042	0.127
	Rear	0.119	0.061	0.180
	Left side	0.073	0.038	0.111
	Right side	0.070	-	0.070
	Top side	-	0.050	0.050
	Bottom side	0.048	-	0.048
B12 25RB	Front	0.075	0.042	0.117
	Rear	0.105	0.061	0.166
	Left side	0.065	0.038	0.103
	Right side	0.062	-	0.062
	Top side	-	0.050	0.050
	Bottom side	0.042	-	0.042

	B17 1RB	Front	0.098	0.042	0.140
		Rear	0.138	0.061	0.199
		Left side	0.085	0.038	0.123
		Right side	0.081	-	0.081
		Top side	-	0.050	0.050
		Bottom side	0.108	-	0.108
	B17 25RB	Front	0.087	0.042	0.129
		Rear	0.121	0.061	0.182
		Left side	0.075	0.038	0.113
		Right side	0.071	-	0.071
		Top side	-	0.050	0.050
		Bottom side	0.094	-	0.094