

Project No.	SHT2202043704EW		
Test sample No.	YPHT22020437003	Model No.	L681
Start test date	2022/3/7	Finish date	2022/3/11
Temperature	22.7°C	Humidity	42%
Test Engineer	Bo Wang	Auditor	<i>Xiaodong Zhu</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		32.86	32.96	32.63	33.00	-9.03	23.83	23.93	23.60	23.97
GPRS (GMSK)	1Tx slot	32.94	32.99	32.67	33.00	-9.03	23.91	23.96	23.64	23.97
	2Tx slots	32.41	32.49	32.16	32.50	-6.02	26.39	26.47	26.14	26.48
	3Tx slots	30.96	31.03	30.67	31.50	-4.26	26.70	26.77	26.41	27.24
	4Tx slots	27.46	27.56	27.18	28.00	-3.01	24.45	24.55	24.17	24.99
EGPRS (8PSK)	1Tx slot	27.33	27.09	26.90	27.50	-9.03	18.30	18.06	17.87	18.47
	2Tx slots	26.56	26.65	26.20	27.00	-6.02	20.54	20.63	20.18	20.98
	3Tx slots	24.80	24.80	24.10	25.00	-4.26	20.54	20.54	19.84	20.74
	4Tx slots	23.24	23.21	22.72	23.50	-3.01	20.23	20.20	19.71	20.49

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		28.79	29.18	29.38	29.50	-9.03	19.76	20.15	20.35	20.47
GPRS (GMSK)	1Tx slot	28.77	29.08	29.30	29.50	-9.03	19.74	20.05	20.27	20.47
	2Tx slots	28.12	28.50	28.74	29.00	-6.02	22.10	22.48	22.72	22.98
	3Tx slots	26.59	26.97	27.19	27.50	-4.26	22.33	22.71	22.93	23.24
	4Tx slots	25.09	25.46	25.69	26.00	-3.01	22.08	22.45	22.68	22.99
EGPRS (8PSK)	1Tx slot	24.83	25.09	25.30	25.50	-9.03	15.80	16.06	16.27	16.47
	2Tx slots	24.10	24.43	24.60	25.00	-6.02	18.08	18.41	18.58	18.98
	3Tx slots	21.81	22.68	22.62	23.00	-4.26	17.55	18.42	18.36	18.74
	4Tx slots	20.91	21.07	21.29	21.50	-3.01	17.90	18.06	18.28	18.49

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		22.14	22.29	22.39	22.50
RMC 12.2K		22.17	22.32	22.42	22.50
HSDPA	Subtest-1	21.33	21.64	21.64	22.00
	Subtest-2	20.88	21.14	21.18	21.50
	Subtest-3	20.98	21.15	21.22	21.50
	Subtest-4	20.96	21.15	21.19	21.50
HSUPA	Subtest-1	19.38	19.66	19.72	20.00
	Subtest-2	19.96	20.17	20.25	20.50
	Subtest-3	20.51	20.71	20.68	21.00
	Subtest-4	19.54	19.76	19.77	20.00
	Subtest-5	21.56	21.70	21.72	22.00

WCDMA Band V		Conducted Power (dBm)			Tune-up limit (dBm)
		CH4132	CH4183	CH4233	
		826.4MHz	836.6MHz	846.6MHz	
AMR 12.2K		24.72	24.52	24.13	25.00
RMC 12.2K		24.76	24.56	24.17	25.00
HSDPA	Subtest-1	22.22	22.25	21.96	22.50
	Subtest-2	21.67	21.77	21.44	22.00
	Subtest-3	21.71	21.78	21.42	22.00
	Subtest-4	21.72	21.72	21.43	22.00
HSUPA	Subtest-1	20.23	20.28	20.09	20.50
	Subtest-2	20.71	20.77	20.59	21.00
	Subtest-3	21.13	21.38	21.04	21.50
	Subtest-4	20.24	20.41	20.08	20.50
	Subtest-5	22.22	22.37	22.10	22.50

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	22.56	22.70	22.56	23.00
			2	22.71	22.86	22.75	
			5	22.51	22.72	22.72	
		3	0	22.69	22.76	22.85	23.00
			1	22.69	22.82	22.87	
			3	22.68	22.88	22.90	
		6	0	21.67	21.81	21.80	22.00
	16QAM	1	0	21.68	21.90	21.74	22.50
			2	21.88	21.95	22.02	
			5	21.72	21.78	21.86	
		3	0	21.57	21.67	21.79	22.00
			1	21.59	21.78	21.79	
			3	21.58	21.79	21.79	
		6	0	20.70	20.71	20.70	21.00
	64QAM	1	0	22.46	22.73	22.63	23.00
			2	22.69	22.90	22.82	
			5	22.59	22.77	22.89	
		3	0	22.70	22.80	23.03	23.50
			1	22.68	22.83	23.21	
			3	22.68	23.29	23.15	
		6	0	21.69	22.17	22.03	22.50
3	QPSK	1	0	22.55	22.68	22.48	23.00
			8	22.63	22.67	22.64	
			14	22.61	22.70	22.59	
		8	0	21.58	21.73	21.68	22.00
			4	21.62	21.73	21.69	
			7	21.60	21.69	21.68	
		15	0	21.59	21.66	21.60	22.00
	16QAM	1	0	21.77	21.63	21.82	22.00
			8	21.72	21.62	21.82	
			14	21.73	21.66	21.81	
		8	0	20.61	20.74	20.75	21.00
			4	20.65	20.75	20.74	
			7	20.65	20.72	20.69	
		15	0	20.55	20.60	20.70	21.00
	64QAM	1	0	22.35	22.55	22.39	23.00
			8	22.39	22.55	22.47	
			14	22.42	22.57	22.37	
		8	0	21.40	21.57	21.53	22.00
			4	21.41	21.56	21.49	
			7	21.42	21.58	21.52	
		15	0	21.41	21.55	21.48	22.00

5	QPSK	1	0	22.41	22.59	22.37	23.00
			12	22.60	22.70	22.57	
			24	22.53	22.52	22.44	
		12	0	21.51	21.61	21.56	22.00
			6	21.48	21.57	21.55	
			13	21.54	21.53	21.48	
		25	0	21.54	21.60	21.53	22.00
	16QAM	1	0	21.63	21.59	21.48	22.00
			12	21.83	21.63	21.61	
			24	21.74	21.54	21.48	
		12	0	20.51	20.56	20.50	21.00
			6	20.52	20.59	20.53	
			13	20.58	20.55	20.46	
		25	0	20.51	20.66	20.57	21.00
	64QAM	1	0	22.38	22.55	22.44	23.00
			12	22.53	22.67	22.56	
			24	22.42	22.58	22.40	
		12	0	21.44	21.49	21.54	22.00
			6	21.45	21.56	21.54	
			13	21.50	21.51	21.46	
		25	0	21.46	21.56	21.51	22.00
10	QPSK	1	0	22.42	22.59	22.46	23.00
			24	22.60	22.68	22.55	
			49	22.46	22.51	22.36	
		25	0	21.52	21.61	21.50	22.00
			12	21.52	21.63	21.55	
			25	21.58	21.60	21.43	
		50	0	21.51	21.57	21.47	22.00
	16QAM	1	0	21.61	21.49	21.71	22.00
			24	21.79	21.60	21.72	
			49	21.67	21.43	21.64	
		25	0	20.57	20.66	20.53	21.00
			12	20.55	20.67	20.52	
			25	20.60	20.63	20.48	
		50	0	20.53	20.58	20.49	21.00
	64QAM	1	0	21.92	22.48	22.44	22.50
			24	22.12	22.31	22.17	
			49	22.08	22.06	21.94	
		25	0	21.07	21.14	21.36	22.00
			12	21.20	21.47	21.53	
			25	21.16	21.40	21.47	
		50	0	21.10	21.41	21.48	21.50

15	QPSK	1	0	22.35	22.53	22.43	23.00
			38	22.44	22.56	22.45	
			74	22.35	22.41	22.29	
		38	0	21.62	21.39	21.64	22.00
			18	21.74	21.51	21.65	
			37	21.67	21.31	21.52	
		75	0	21.49	21.53	21.44	22.00
	16QAM	1	0	21.65	21.39	21.64	22.00
			38	21.79	21.42	21.62	
			74	21.72	21.30	21.46	
		38	0	21.70	21.32	21.60	22.00
			18	21.80	21.43	21.60	
			37	21.69	21.31	21.50	
		75	0	20.48	20.51	20.39	21.00
	64QAM	1	0	22.39	22.58	22.48	23.00
			38	22.52	22.65	22.54	
			74	22.40	22.56	22.42	
		38	0	22.35	22.56	22.52	23.00
			18	22.50	22.70	22.59	
			37	22.44	22.55	22.39	
		75	0	21.56	21.61	21.53	22.00
20	QPSK	1	0	22.21	22.24	22.33	23.00
			49	22.65	22.55	22.70	
			99	22.30	22.19	22.23	
		50	0	21.49	21.53	21.54	22.00
			25	21.48	21.52	21.54	
			50	21.59	21.53	21.50	
		100	0	21.54	21.48	21.48	22.00
	16QAM	1	0	21.43	21.37	21.44	22.00
			49	21.82	21.67	21.72	
			99	21.52	21.29	21.28	
		50	0	20.52	20.60	20.55	21.00
			25	20.52	20.61	20.53	
			50	20.60	20.55	20.48	
		100	0	20.51	20.51	20.50	21.00
	64QAM	1	0	22.28	22.27	22.40	23.00
			49	22.78	22.59	22.75	
			99	22.35	22.24	22.36	
		50	0	21.50	21.63	21.57	22.00
			25	21.51	21.61	21.60	
			50	21.63	21.58	21.54	
		100	0	21.50	21.58	21.56	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	22.04	22.16	22.19	22.50
			2	22.11	22.17	22.34	
			5	22.07	22.12	22.22	
		3	0	22.18	22.20	22.26	22.50
			1	22.17	22.20	22.27	
			3	22.18	22.25	22.28	
		6	0	21.16	21.22	21.28	21.50
	16QAM	1	0	21.14	21.26	21.31	22.00
			2	21.38	21.49	21.50	
			5	21.19	21.26	21.30	
		3	0	21.04	21.12	21.14	21.50
			1	21.04	21.13	21.18	
			3	21.04	21.10	21.13	
		6	0	20.18	20.13	20.14	20.50
	64QAM	1	0	22.02	22.12	22.18	22.50
			2	22.12	22.24	22.31	
			5	22.01	22.13	22.20	
		3	0	22.13	22.19	22.26	22.50
			1	22.11	22.19	22.25	
			3	22.08	22.21	22.26	
		6	0	21.07	21.16	21.22	21.50
3	QPSK	1	0	22.18	22.29	22.22	22.50
			8	22.19	22.25	22.23	
			14	22.17	22.24	22.27	
		8	0	21.19	21.23	21.29	21.50
			4	21.17	21.24	21.28	
			7	21.17	21.24	21.30	
		15	0	21.15	21.21	21.26	21.50
	16QAM	1	0	21.35	21.14	21.46	21.50
			8	21.31	21.12	21.38	
			14	21.31	21.16	21.36	
		8	0	20.23	20.28	20.33	20.50
			4	20.19	20.29	20.35	
			7	20.20	20.28	20.28	
		15	0	20.11	20.16	20.25	20.50
	64QAM	1	0	22.06	22.13	22.18	22.50
			8	22.04	22.09	22.20	
			14	22.05	22.16	22.19	
		8	0	21.04	21.18	21.22	21.50
			4	21.02	21.16	21.24	
			7	21.03	21.15	21.23	
		15	0	21.02	21.07	21.20	21.50

5	QPSK	1	0	22.17	22.21	22.26	22.50
			12	22.28	22.32	22.41	
			24	22.18	22.25	22.29	
		12	0	21.15	21.18	21.33	21.50
			6	21.13	21.19	21.29	
			13	21.21	21.21	21.32	
		25	0	21.20	21.22	21.33	21.50
	16QAM	1	0	21.33	21.23	21.27	21.50
			12	21.46	21.33	21.40	
			24	21.36	21.25	21.25	
		12	0	20.20	20.25	20.26	20.50
			6	20.18	20.28	20.24	
			13	20.20	20.21	20.31	
		25	0	20.18	20.30	20.33	20.50
	64QAM	1	0	21.97	22.09	22.17	22.50
			12	22.10	22.19	22.27	
			24	21.96	22.09	22.16	
		12	0	20.95	21.07	21.19	21.50
			6	20.95	21.08	21.16	
			13	20.97	21.06	21.20	
		25	0	20.99	21.09	21.19	21.50
10	QPSK	1	0	22.18	22.20	22.22	22.50
			24	22.28	22.32	22.37	
			49	22.22	22.27	22.31	
		25	0	21.19	21.28	21.32	21.50
			12	21.20	21.29	21.34	
			25	21.28	21.30	21.41	
		50	0	21.21	21.28	21.35	21.50
	16QAM	1	0	21.33	21.12	21.42	22.00
			24	21.45	21.25	21.50	
			49	21.35	21.16	21.47	
		25	0	20.25	20.34	20.34	20.50
			12	20.22	20.38	20.31	
			25	20.33	20.37	20.37	
		50	0	20.24	20.29	20.34	20.50
	64QAM	1	0	22.03	22.15	22.19	22.50
			24	22.11	22.33	22.31	
			49	22.01	22.17	22.17	
		25	0	21.01	21.18	21.27	21.50
			12	21.04	21.16	21.28	
			25	21.11	21.20	21.33	
		50	0	21.04	21.18	21.26	21.50

15	QPSK	1	0	22.09	22.19	22.12	22.50
			38	22.14	22.26	22.34	
			74	22.14	22.23	21.63	
		38	0	21.35	21.09	21.33	22.00
			18	21.45	21.17	21.51	
			37	21.45	21.11	21.35	
		75	0	21.23	21.29	21.34	21.50
	16QAM	1	0	21.34	21.02	21.34	22.00
			38	21.47	21.17	21.50	
			74	21.38	21.07	21.33	
		38	0	21.36	21.07	21.30	22.00
			18	21.45	21.14	21.50	
			37	21.39	21.06	21.34	
		75	0	20.25	20.28	20.29	20.50
	64QAM	1	0	21.93	22.10	22.10	22.50
			38	22.00	22.21	22.24	
			74	21.97	22.21	22.17	
		38	0	21.93	22.13	22.08	22.50
			18	22.01	22.19	22.25	
			37	21.94	22.15	22.11	
		75	0	21.10	21.21	21.27	21.50
20	QPSK	1	0	21.98	21.87	22.01	22.50
			49	22.35	22.25	22.45	
			99	22.04	21.95	22.13	
		50	0	21.11	21.18	21.21	21.50
			25	21.09	21.16	21.21	
			50	21.25	21.20	21.32	
		100	0	21.19	21.22	21.25	21.50
	16QAM	1	0	21.09	20.98	21.04	22.00
			49	21.55	21.37	21.46	
			99	21.19	21.05	21.07	
		50	0	20.16	20.26	20.25	20.50
			25	20.16	20.25	20.27	
			50	20.32	20.32	20.29	
		100	0	20.23	20.20	20.23	20.50
	64QAM	1	0	21.89	21.82	22.02	22.50
			49	22.24	22.17	22.43	
			99	21.90	21.87	22.11	
		50	0	21.01	21.14	21.19	21.50
			25	20.99	21.13	21.21	
			50	21.12	21.15	21.32	
		100	0	21.08	21.16	21.24	21.50

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	22.83	22.88	22.58	23.00
			2	22.99	22.97	22.71	
			5	22.84	22.89	22.56	
		3	0	22.87	22.95	22.64	23.00
			1	22.87	22.95	22.66	
			3	22.89	22.96	22.65	
		6	0	21.94	22.00	21.67	22.50
	16QAM	1	0	21.76	22.05	21.70	22.50
			2	21.89	22.17	21.86	
			5	21.76	22.04	21.73	
		3	0	21.76	21.88	21.59	22.00
			1	21.75	21.91	21.58	
			3	21.75	21.91	21.56	
		6	0	20.90	20.91	20.71	21.00
	64QAM	1	0	22.71	22.79	22.48	23.00
			2	22.80	22.86	22.61	
			5	22.69	22.77	22.50	
		3	0	22.74	22.83	22.57	23.00
			1	22.74	22.82	22.57	
			3	22.72	22.85	22.56	
		6	0	21.78	21.88	21.58	22.00
3	QPSK	1	0	22.90	22.99	22.56	23.00
			8	22.93	22.94	22.57	
			14	22.91	22.94	22.60	
		8	0	21.92	22.00	21.64	22.50
			4	21.90	21.99	21.63	
			7	21.91	21.99	21.68	
		15	0	21.89	21.93	21.67	22.00
	16QAM	1	0	22.07	21.92	21.77	22.50
			8	22.01	21.92	21.75	
			14	22.10	21.91	21.78	
		8	0	20.91	21.01	20.69	21.50
			4	20.91	20.99	20.70	
			7	20.90	20.97	20.70	
		15	0	20.76	20.88	20.65	21.00
	64QAM	1	0	22.76	22.92	22.55	23.00
			8	22.78	22.90	22.52	
			14	22.78	22.88	22.53	
		8	0	21.80	21.96	21.58	22.00
			4	21.80	21.94	21.62	
			7	21.83	21.93	21.64	
		15	0	21.75	21.89	21.61	22.00

5	QPSK	1	0	22.80	22.97	22.54	23.50
			12	22.97	23.06	22.66	
			24	22.88	22.93	22.55	
		12	0	21.88	21.98	21.62	22.00
			6	21.84	21.98	21.66	
			13	21.92	21.96	21.61	
		25	0	21.89	21.95	21.63	22.00
	16QAM	1	0	22.05	21.98	21.56	22.50
			12	22.17	22.06	21.71	
			24	22.07	21.95	21.62	
		12	0	20.87	20.98	20.60	21.00
			6	20.91	20.95	20.58	
			13	20.89	20.92	20.62	
		25	0	20.89	21.01	20.65	21.50
	64QAM	1	0	22.76	22.89	22.52	23.50
			12	22.93	23.01	22.69	
			24	22.84	22.86	22.58	
		12	0	21.82	21.94	21.64	22.00
			6	21.83	21.94	21.67	
			13	21.87	21.93	21.64	
		25	0	21.86	21.96	21.64	22.00
10	QPSK	1	0	22.82	22.88	22.48	23.50
			24	23.01	23.02	22.62	
			49	22.94	22.90	22.55	
		25	0	21.96	21.99	21.61	22.00
			12	21.95	21.99	21.61	
			25	21.98	21.97	21.62	
		50	0	21.92	21.94	21.63	22.00
	16QAM	1	0	21.80	22.08	21.71	22.50
			24	21.93	22.18	21.83	
			49	21.88	22.09	21.80	
		25	0	20.95	20.98	20.61	21.50
			12	20.95	20.97	20.59	
			25	21.00	20.95	20.58	
		50	0	20.93	20.94	20.56	21.00
	64QAM	1	0	22.77	22.84	22.52	23.00
			24	22.93	22.97	22.60	
			49	22.84	22.84	22.55	
		25	0	21.91	21.92	21.61	22.00
			12	21.92	21.94	21.65	
			25	21.91	21.94	21.58	
		50	0	21.90	21.93	21.60	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	21.66	21.94	22.01	22.50
			12	21.81	22.08	22.18	
			24	21.66	22.01	22.05	
		12	0	20.63	20.92	21.08	21.50
			6	20.69	20.92	21.09	
			13	20.71	21.00	21.07	
		25	0	20.70	20.95	21.10	21.50
	16QAM	1	0	20.79	20.89	21.01	21.50
			12	20.97	21.05	21.11	
			24	20.86	20.91	20.97	
		12	0	19.77	19.98	20.08	20.50
			6	19.72	19.99	20.12	
			13	19.80	20.04	20.14	
		25	0	19.76	20.08	20.18	20.50
		64QAM	1	0	21.69	21.94	22.50
				12	21.85	22.09	
				24	21.70	21.96	
		12	0	20.70	20.94	21.11	21.50
			6	20.70	20.99	21.14	
			13	20.75	21.01	21.14	
		25	0	20.77	20.99	21.14	21.50
10	QPSK	1	0	21.75	22.00	22.08	22.50
			24	21.90	22.15	22.26	
			49	21.75	22.06	22.13	
		25	0	20.81	21.02	21.15	21.50
			12	20.78	20.98	21.15	
			25	20.80	21.14	21.24	
		50	0	20.76	21.02	21.19	21.50
	16QAM	1	0	20.82	20.89	21.26	21.50
			24	20.99	21.06	21.39	
			49	20.86	20.97	21.25	
		25	0	19.87	20.08	20.16	20.50
			12	19.88	20.09	20.18	
			25	19.88	20.21	20.27	
		50	0	19.83	20.08	20.22	20.50
	64QAM	1	0	21.79	21.97	22.13	22.50
			24	21.81	22.08	22.34	
			49	21.77	22.02	22.11	
		25	0	20.82	21.03	21.22	21.50
			12	20.83	21.01	21.22	
			25	20.82	21.14	21.26	
		50	0	20.80	21.06	21.21	21.50

15	QPSK	1	0	21.61	21.88	21.97	22.50
			38	21.78	22.05	22.14	
			74	21.68	21.97	22.00	
		38	0	20.87	20.77	21.14	21.50
			18	21.01	20.94	21.26	
			37	20.95	20.86	21.15	
		75	0	20.82	21.08	21.26	21.50
	16QAM	1	0	20.87	20.73	21.12	21.50
			38	21.04	20.96	21.26	
			74	20.94	20.88	21.12	
		38	0	20.90	20.77	21.11	21.50
			18	21.00	20.99	21.28	
			37	20.93	20.85	21.10	
		75	0	19.81	20.07	20.21	20.50
	64QAM	1	0	21.70	21.93	22.04	22.50
			38	21.77	22.09	22.17	
			74	21.70	21.96	22.02	
		38	0	21.69	21.92	22.06	22.50
			18	21.81	22.08	22.18	
			37	21.72	21.98	22.01	
		75	0	20.88	21.08	21.27	21.50
20	QPSK	1	0	21.53	21.56	21.89	22.50
			49	21.93	22.07	22.32	
			99	21.64	21.73	21.96	
		50	0	20.72	20.85	21.13	21.50
			25	20.70	20.82	21.08	
			50	20.68	21.08	21.20	
		100	0	20.67	20.99	21.14	21.50
	16QAM	1	0	20.65	20.61	20.90	21.50
			49	20.98	21.19	21.28	
			99	20.79	20.84	20.96	
		50	0	19.77	19.95	20.14	20.50
			25	19.78	19.97	20.16	
			50	19.76	20.23	20.21	
		100	0	19.74	20.02	20.17	20.50
	64QAM	1	0	21.44	21.77	21.94	22.50
			49	21.88	22.38	22.34	
			99	21.57	21.91	22.00	
		50	0	20.74	20.94	21.14	21.50
			25	20.75	20.90	21.16	
			50	20.74	21.15	21.20	
		100	0	20.74	21.03	21.22	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	22.65	22.63	22.69	23.00
			12	22.76	22.72	22.81	
			24	22.61	22.61	22.69	
		12	0	21.70	21.60	21.70	22.00
			6	21.64	21.55	21.36	
			13	21.76	21.64	21.63	
		25	0	21.74	21.65	21.33	22.00
	16QAM	1	0	21.66	21.80	21.68	22.00
			12	21.79	21.96	21.82	
			24	21.65	21.82	21.71	
		12	0	20.62	20.56	20.70	21.00
			6	20.62	20.56	20.33	
			13	20.72	20.66	20.63	
		25	0	20.74	20.62	20.69	21.00
	64QAM	1	0	22.57	22.59	22.56	23.00
			12	22.74	22.72	22.72	
			24	22.51	22.55	22.60	
		12	0	21.65	21.49	21.68	22.00
			6	21.59	21.50	20.33	
			13	21.72	21.61	20.63	
		25	0	21.69	21.57	20.69	22.00
10	QPSK	1	0	22.60	22.64	22.64	23.00
			24	22.80	22.70	22.82	
			49	22.65	22.63	22.66	
		25	0	21.62	21.59	21.55	22.00
			12	21.62	21.58	21.54	
			25	21.67	21.59	21.63	
		50	0	21.62	21.59	21.52	22.00
	16QAM	1	0	21.57	21.79	21.82	22.00
			24	21.75	21.91	21.93	
			49	21.61	21.85	21.83	
		25	0	20.65	20.54	20.55	21.00
			12	20.60	20.55	20.58	
			25	20.67	20.55	20.62	
		50	0	20.62	20.56	20.57	21.00
	64QAM	1	0	22.54	22.59	22.55	23.00
			24	22.68	22.69	22.64	
			49	22.51	22.56	22.56	
		25	0	21.56	21.48	21.43	22.00
			12	21.54	21.46	21.46	
			25	21.58	21.52	21.50	
		50	0	21.53	21.48	21.47	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	15.82	13.40	13.50
	6	2437	16.60	13.97	14.00
	11	2462	16.22	13.76	14.00
802.11g	1	2412	15.73	13.16	13.50
	6	2437	16.58	14.02	14.50
	11	2462	16.19	13.62	14.00
802.11n (HT20)	1	2412	15.60	13.04	13.50
	6	2437	16.50	13.86	14.00
	11	2462	16.12	13.48	13.50
802.11n (HT40)	3	2422	16.24	13.46	13.50
	6	2437	16.59	13.92	14.00
	9	2452	17.03	14.72	15.00

Bluetooth						
Mode		Channel	Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)	Tune-up limit (dBm)
EDR	GFSK	0	2402	8.91	8.98	9.00
		39	2441	4.93	4.91	5.00
		78	2480	9.59	9.55	10.00
	π/4QPSK	0	2402	8.31	8.27	8.50
		39	2441	4.13	4.08	4.50
		78	2480	9.64	9.57	10.00
	8DPSK	0	2402	8.33	8.29	8.50
		39	2441	4.12	4.08	4.50
		78	2480	9.81	9.73	10.00
BLE	GFSK	0	2402	-3.45	-3.54	-3.50
		19	2440	-2.51	-2.59	-2.50
		39	2480	-2.60	-2.69	-2.50

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 3Tx slots	Left-Cheek	128	824.2	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	0.04	0.192	0.214	-
		251	848.8	30.67	31.50	1.211	-	-	-	-
	Left-Tilt	128	824.2	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	-0.04	0.147	0.164	-
		251	848.8	30.67	31.50	1.211	-	-	-	-
	Right-Cheek	128	824.2	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	-0.09	0.207	0.231	1
		251	848.8	30.67	31.50	1.211	-	-	-	-
	Right-Tilt	128	824.2	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	-0.05	0.157	0.175	-
		251	848.8	30.67	31.50	1.211	-	-	-	-

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 3Tx slots	Left-Cheek	512	1850.2	26.59	27.50	1.233	-	-	-	-
		661	1880.0	26.97	27.50	1.130	-	-	-	-
		810	1909.8	27.19	27.50	1.074	-0.09	0.256	0.275	2
	Left-Tilt	512	1850.2	26.59	27.50	1.233	-	-	-	-
		661	1880.0	26.97	27.50	1.130	-	-	-	-
		810	1909.8	27.19	27.50	1.074	-0.08	0.211	0.227	-
	Right-Cheek	512	1850.2	26.59	27.50	1.233	-	-	-	-
		661	1880.0	26.97	27.50	1.130	-	-	-	-
		810	1909.8	27.19	27.50	1.074	-0.12	0.244	0.262	-
	Right-Tilt	512	1850.2	26.59	27.50	1.233	-	-	-	-
		661	1880.0	26.97	27.50	1.130	-	-	-	-
		810	1909.8	27.19	27.50	1.074	0.04	0.195	0.209	-

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	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	-0.05	0.238	0.242	3
	Left-Tilt	9262	1852.4	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	-0.04	0.196	0.200	-
	Right-Cheek	9262	1852.4	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	-0.07	0.227	0.231	-
	Right-Tilt	9262	1852.4	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	0.02	0.182	0.185	-

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	24.76	25.00	1.057	0.07	0.190	0.201	-
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-
	Left-Tilt	4132	826.4	24.76	25.00	1.057	-0.08	0.145	0.153	-
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-
	Right-Cheek	4132	826.4	24.76	25.00	1.057	-0.15	0.205	0.217	4
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-
	Right-Tilt	4132	826.4	24.76	25.00	1.057	0.04	0.155	0.164	-
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-

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	22.65	23.00	1.084	-	-	-	-
		18900	1880.0	22.55	23.00	1.109	-	-	-	-
		19100	1900.0	22.70	23.00	1.072	-0.05	0.218	0.234	5
	Left-Tilt	18700	1860.0	22.65	23.00	1.084	-	-	-	-
		18900	1880.0	22.55	23.00	1.109	-	-	-	-
		19100	1900.0	22.70	23.00	1.072	-0.04	0.179	0.192	-
	Right-Cheek	18700	1860.0	22.65	23.00	1.084	-	-	-	-
		18900	1880.0	22.55	23.00	1.109	-	-	-	-
		19100	1900.0	22.70	23.00	1.072	-0.07	0.208	0.223	-
	Right-Tilt	18700	1860.0	22.65	23.00	1.084	-	-	-	-
		18900	1880.0	22.55	23.00	1.109	-	-	-	-
		19100	1900.0	22.70	23.00	1.072	0.02	0.167	0.179	-
20M QPSK 50RB	Left-Cheek	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	-0.09	0.203	0.226	-
	Left-Tilt	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	-0.08	0.167	0.186	-
	Right-Cheek	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	-0.12	0.194	0.216	-
	Right-Tilt	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	0.04	0.155	0.172	-

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	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	-0.14	0.091	0.092	6
	Left-Tilt	20050	1720.0	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	-0.12	0.075	0.076	-
	Right-Cheek	20050	1720.0	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	-0.19	0.087	0.088	-
	Right-Tilt	20050	1720.0	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	0.06	0.070	0.071	-
20M QPSK 50RB	Left-Cheek	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	-0.04	0.088	0.092	-
	Left-Tilt	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	-0.03	0.072	0.075	-
	Right-Cheek	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	-0.05	0.084	0.088	-
	Right-Tilt	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	0.02	0.067	0.070	-

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	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	0.04	0.147	0.164	-
		20600	844.0	22.62	23.50	1.225	-	-	-	-
	Left-Tilt	20450	829.0	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	-0.04	0.112	0.125	-
		20600	844.0	22.62	23.50	1.225	-	-	-	-
	Right-Cheek	20450	829.0	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	-0.09	0.159	0.178	7
		20600	844.0	22.62	23.50	1.225	-	-	-	-
	Right-Tilt	20450	829.0	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	0.02	0.120	0.134	-
		20600	844.0	22.62	23.50	1.225	-	-	-	-
10M QPSK 25RB	Left-Cheek	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	0.02	0.132	0.132	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-
	Left-Tilt	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	-0.02	0.101	0.101	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-
	Right-Cheek	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	-0.05	0.142	0.142	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-
	Right-Tilt	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	0.01	0.108	0.108	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-

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	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	0.09	0.178	0.186	8
	Left-Tilt	20850	2510.0	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	0.08	0.146	0.152	-
	Right-Cheek	20850	2510.0	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	0.12	0.170	0.177	-
	Right-Tilt	20850	2510.0	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	-0.04	0.136	0.142	-
20M QPSK 50RB	Left-Cheek	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	0.03	0.125	0.134	-
	Left-Tilt	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	0.03	0.103	0.110	-
	Right-Cheek	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	0.04	0.119	0.128	-
	Right-Tilt	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	-0.01	0.095	0.102	-

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	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	-0.01	0.116	0.121	-
	Left-Tilt	23780	709.0	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	0.01	0.089	0.093	-
	Right-Cheek	23780	709.0	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	0.03	0.125	0.130	9
	Right-Tilt	23780	709.0	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	-0.01	0.095	0.099	-
10M QPSK 25RB	Left-Cheek	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	-0.04	0.096	0.105	-
	Left-Tilt	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	0.04	0.073	0.079	-
	Right-Cheek	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	0.08	0.104	0.113	-
	Right-Tilt	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	-0.02	0.079	0.086	-

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	13.40	13.50	1.023	99.40%	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	99.40%	1.006	0.09	0.151	0.153	10
		11	2462	13.76	14.00	1.057	99.40%	1.006	-	-	-	-
	Left-Tilt	1	2412	13.40	13.50	1.023	99.40%	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	99.40%	1.006	-0.12	0.128	0.130	-
		11	2462	13.76	14.00	1.057	99.40%	1.006	-	-	-	-
	Right-Cheek	1	2412	13.40	13.50	1.023	99.40%	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	99.40%	1.006	-0.05	0.145	0.147	-
		11	2462	13.76	14.00	1.057	99.40%	1.006	-	-	-	-
	Right-Tilt	1	2412	13.40	13.50	1.023	99.40%	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	99.40%	1.006	0.06	0.122	0.123	-
		11	2462	13.76	14.00	1.057	99.40%	1.006	-	-	-	-

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	8.98	9.00	1.005	76.94%	1.300	-	-	-	-
		39	2441	4.91	5.00	1.021	76.94%	1.300	-0.09	0.061	0.081	11
		78	2480	9.55	10.00	1.109	76.94%	1.300	-	-	-	-
	Left-Tilt	0	2402	8.98	9.00	1.005	76.94%	1.300	-	-	-	-
		39	2441	4.91	5.00	1.021	76.94%	1.300	0.12	0.052	0.069	-
		78	2480	9.55	10.00	1.109	76.94%	1.300	-	-	-	-
	Right-Cheek	0	2402	8.98	9.00	1.005	76.94%	1.300	-	-	-	-
		39	2441	4.91	5.00	1.021	76.94%	1.300	0.05	0.059	0.078	-
		78	2480	9.55	10.00	1.109	76.94%	1.300	-	-	-	-
	Right-Tilt	0	2402	8.98	9.00	1.005	76.94%	1.300	-	-	-	-
		39	2441	4.91	5.00	1.021	76.94%	1.300	-0.06	0.049	0.065	-
		78	2480	9.55	10.00	1.109	76.94%	1.300	-	-	-	-

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	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	-0.09	0.223	0.248	-
		251	848.8	30.67	31.50	1.211	-	-	-	-
	Rear	128	824.2	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	0.18	0.338	0.377	12
		251	848.8	30.67	31.50	1.211	-	-	-	-

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 3Tx slots	Front	512	1850.2	26.59	27.50	1.233	-	-	-	-
		661	1880.0	26.97	27.50	1.130	-	-	-	-
		810	1909.8	27.19	27.50	1.074	0.05	0.508	0.546	-
	Rear	512	1850.2	26.59	27.50	1.233	-0.03	0.689	0.850	-
		661	1880.0	26.97	27.50	1.130	-0.05	0.755	0.853	-
		810	1909.8	27.19	27.50	1.074	-0.07	0.803	0.862	13

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	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	0.03	0.546	0.556	-
	Rear	9262	1852.4	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	-0.07	0.767	0.781	14

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	24.76	25.00	1.057	0.02	0.143	0.151	-
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-
	Rear	4132	826.4	24.76	25.00	1.057	-0.04	0.217	0.229	15
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-

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	22.65	23.00	1.084	-	-	-	-
		18900	1880.0	22.55	23.00	1.109	-	-	-	-
		19100	1900.0	22.70	23.00	1.072	0.02	0.530	0.568	-
	Rear	18700	1860.0	22.65	23.00	1.084	-0.10	0.712	0.772	-
		18900	1880.0	22.55	23.00	1.109	-0.02	0.707	0.784	-
		19100	1900.0	22.70	23.00	1.072	-0.06	0.745	0.798	16
20M QPSK 50RB	Front	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	0.03	0.453	0.504	-
	Rear	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	-0.08	0.637	0.708	-

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	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	0.03	0.510	0.516	-
	Rear	20050	1720.0	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	-0.08	0.716	0.724	17
20M QPSK 50RB	Front	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	0.02	0.487	0.508	-
	Rear	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	-0.04	0.685	0.714	-

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	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	0.01	0.125	0.140	-
		20600	844.0	22.62	23.50	1.225	-	-	-	-
	Rear	20450	829.0	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	-0.02	0.176	0.197	18
		20600	844.0	22.62	23.50	1.225	-	-	-	-
10M QPSK 25RB	Front	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	0.03	0.103	0.103	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-
	Rear	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	-0.07	0.145	0.145	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-

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	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	-0.02	0.420	0.438	-
	Rear	20850	2510.0	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	0.05	0.590	0.615	19
20M QPSK 50RB	Front	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	0.01	0.373	0.400	-
	Rear	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	-0.03	0.524	0.561	-

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	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	0.01	0.160	0.167	-
	Rear	23780	709.0	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	-0.02	0.225	0.235	20
10M QPSK 25RB	Front	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	0.02	0.142	0.155	-
	Rear	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	-0.06	0.200	0.218	-

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	13.40	13.50	1.023	0.994	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	0.994	1.006	-0.13	0.124	0.126	-
		11	2462	13.76	14.00	1.057	0.994	1.006	-	-	-	-
	Rear	1	2412	13.40	13.50	1.023	0.994	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	0.994	1.006	-0.09	0.169	0.171	21
		11	2462	13.76	14.00	1.057	0.994	1.006	-	-	-	-

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	8.98	9.00	1.005	0.769	1.300	-	-	-	-
		39	2441	4.91	5.00	1.021	0.769	1.300	0.13	0.059	0.078	-
		78	2480	9.55	10.00	1.109	0.769	1.300	-	-	-	-
	Rear	0	2402	8.98	9.00	1.005	0.769	1.300	-	-	-	-
		39	2441	4.91	5.00	1.021	0.769	1.300	-0.07	0.077	0.102	22
		78	2480	9.55	10.00	1.109	0.769	1.300	-	-	-	-

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 3Tx slots	Front	128	824.2	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	-0.09	0.223	0.248	-
		251	848.8	30.67	31.50	1.211	-	-	-	-
	Rear	128	824.2	30.96	31.50	1.132	-	-	-	-
		190	836.6	31.03	31.50	1.114	0.18	0.338	0.377	12
		251	848.8	30.67	31.50	1.211	-	-	-	-
	Left	190	836.6	31.03	31.50	1.114	-0.10	0.208	0.232	-
	Right	190	836.6	31.03	31.50	1.114	0.06	0.199	0.222	-
	Top	190	836.6	31.03	31.50	1.114	-	-	-	-
	Bottom	190	836.6	31.03	31.50	1.114	0.07	0.171	0.191	-

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 3Tx slots	Front	512	1850.2	26.59	27.50	1.233	-	-	-	-
		661	1880.0	26.97	27.50	1.130	-	-	-	-
		810	1909.8	27.19	27.50	1.074	0.05	0.508	0.546	-
	Rear	512	1850.2	26.59	27.50	1.233	-0.03	0.689	0.850	-
		661	1880.0	26.97	27.50	1.130	-0.05	0.755	0.853	-
		810	1909.8	27.19	27.50	1.074	-0.07	0.803	0.862	13
	Left	810	1909.8	27.19	27.50	1.074	0.04	0.494	0.531	-
	Right	810	1909.8	27.19	27.50	1.074	0.04	0.472	0.507	-
	Top	810	1909.8	27.19	27.50	1.074	-	-	-	-
	Bottom	810	1909.8	27.19	27.50	1.074	0.04	0.627	0.673	-

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	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	0.03	0.546	0.556	-
	Rear	9262	1852.4	22.17	22.50	1.079	-	-	-	-
		9400	1880.0	22.32	22.50	1.042	-	-	-	-
		9538	1907.6	22.42	22.50	1.019	-0.07	0.767	0.781	14
	Left	9538	1907.6	22.42	22.50	1.019	0.04	0.472	0.481	-
	Right	9538	1907.6	22.42	22.50	1.019	-0.03	0.451	0.459	-
	Top	9538	1907.6	22.42	22.50	1.019	-	-	-	-
	Bottom	9538	1907.6	22.42	22.50	1.019	-0.03	0.599	0.610	-

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	24.76	25.00	1.057	0.02	0.143	0.151	-
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-
	Rear	4132	826.4	24.76	25.00	1.057	-0.04	0.217	0.229	15
		4183	836.6	24.56	25.00	1.107	-	-	-	-
		4233	846.6	24.17	25.00	1.211	-	-	-	-
	Left	4233	846.6	24.17	25.00	1.211	0.02	0.134	0.162	-
	Right	4233	846.6	24.17	25.00	1.211	-0.01	0.128	0.155	-
	Top	4233	846.6	24.17	25.00	1.211	-	-	-	-
	Bottom	4233	846.6	24.17	25.00	1.211	-0.01	0.088	0.107	-

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	22.65	23.00	1.084	-	-	-	-
		18900	1880.0	22.55	23.00	1.109	-	-	-	-
		19100	1900.0	22.70	23.00	1.072	0.02	0.530	0.568	-
	Rear	18700	1860.0	22.65	23.00	1.084	-0.10	0.712	0.772	-
		18900	1880.0	22.55	23.00	1.109	-0.02	0.707	0.784	-
		19100	1900.0	22.70	23.00	1.072	-0.06	0.745	0.798	16
	Left	19100	1900.0	22.70	23.00	1.072	0.03	0.459	0.492	-
	Right	19100	1900.0	22.70	23.00	1.072	-0.02	0.438	0.469	-
	Top	19100	1900.0	22.70	23.00	1.072	-	-	-	-
	Bottom	19100	1900.0	22.70	23.00	1.072	-0.02	0.582	0.624	-
20M QPSK 50RB	Front	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	0.03	0.453	0.504	-
	Rear	18700	1860.0	21.48	22.00	1.127	-	-	-	-
		18900	1880.0	21.52	22.00	1.117	-	-	-	-
		19100	1900.0	21.54	22.00	1.112	-0.08	0.637	0.708	-
	Left	19100	1900.0	21.54	22.00	1.112	0.05	0.392	0.436	-
	Right	19100	1900.0	21.54	22.00	1.112	-0.03	0.375	0.417	-
	Top	19100	1900.0	21.54	22.00	1.112	-	-	-	-
	Bottom	19100	1900.0	21.54	22.00	1.112	-0.03	0.497	0.553	-

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	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	0.03	0.510	0.516	-
	Rear	20050	1720.0	22.35	22.50	1.035	-	-	-	-
		20175	1732.5	22.25	22.50	1.059	-	-	-	-
		20300	1745.0	22.45	22.50	1.012	-0.08	0.716	0.724	17
	Left	20300	1745.0	22.45	22.50	1.012	0.05	0.441	0.446	-
	Right	20300	1745.0	22.45	22.50	1.012	-0.03	0.421	0.426	-
	Top	20300	1745.0	22.45	22.50	1.012	-	-	-	-
	Bottom	20300	1745.0	22.45	22.50	1.012	-0.03	0.559	0.565	-
20M QPSK 50RB	Front	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	0.02	0.487	0.508	-
	Rear	20050	1720.0	21.25	21.50	1.059	-	-	-	-
		20175	1732.5	21.20	21.50	1.072	-	-	-	-
		20300	1745.0	21.32	21.50	1.042	-0.04	0.685	0.714	-
	Left	20300	1745.0	21.32	21.50	1.042	0.02	0.422	0.440	-
	Right	20300	1745.0	21.32	21.50	1.042	-0.01	0.403	0.420	-
	Top	20300	1745.0	21.32	21.50	1.042	-	-	-	-
	Bottom	20300	1745.0	21.32	21.50	1.042	-0.01	0.535	0.558	-

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	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	0.01	0.125	0.140	-
		20600	844.0	22.62	23.50	1.225	-	-	-	-
	Rear	20450	829.0	23.01	23.50	1.119	-	-	-	-
		20525	836.5	23.02	23.50	1.117	-0.02	0.176	0.197	18
		20600	844.0	22.62	23.50	1.225	-	-	-	-
	Left	20600	844.0	22.62	23.50	1.225	0.01	0.108	0.132	-
	Right	20600	844.0	22.62	23.50	1.225	-0.01	0.103	0.126	-
	Top	20600	844.0	22.62	23.50	1.225	-	-	-	-
	Bottom	20600	844.0	22.62	23.50	1.225	-0.01	0.071	0.087	-
10M QPSK 25RB	Front	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	0.03	0.103	0.103	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-
	Rear	20450	829.0	21.95	22.00	1.012	-	-	-	-
		20525	836.5	21.99	22.00	1.002	-0.07	0.145	0.145	-
		20600	844.0	21.61	22.00	1.094	-	-	-	-
	Left	20600	844.0	21.61	22.00	1.094	0.04	0.089	0.097	-
	Right	20600	844.0	21.61	22.00	1.094	-0.03	0.085	0.093	-
	Top	20600	844.0	21.61	22.00	1.094	-	-	-	-
	Bottom	20600	844.0	21.61	22.00	1.094	-0.03	0.059	0.065	-

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	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	-0.02	0.420	0.438	-
	Rear	20850	2510.0	21.93	22.50	1.140	-	-	-	-
		21100	2535.0	22.07	22.50	1.104	-	-	-	-
		21350	2560.0	22.32	22.50	1.042	0.05	0.590	0.615	19
	Left	21350	2560.0	22.32	22.50	1.042	-0.03	0.363	0.378	-
	Right	21350	2560.0	22.32	22.50	1.042	0.02	0.347	0.362	-
	Top	21350	2560.0	22.32	22.50	1.042	-	-	-	-
	Bottom	21350	2560.0	22.32	22.50	1.042	0.02	0.461	0.481	-
20M QPSK 50RB	Front	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	0.01	0.373	0.400	-
	Rear	20850	2510.0	20.68	21.50	1.208	-	-	-	-
		21100	2535.0	21.08	21.50	1.102	-	-	-	-
		21350	2560.0	21.20	21.50	1.072	-0.03	0.524	0.561	-
	Left	21350	2560.0	21.20	21.50	1.072	0.02	0.322	0.345	-
	Right	21350	2560.0	21.20	21.50	1.072	-0.01	0.308	0.330	-
	Top	21350	2560.0	21.20	21.50	1.072	-	-	-	-
	Bottom	21350	2560.0	21.20	21.50	1.072	-0.01	0.409	0.438	-

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	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	0.01	0.160	0.167	-
	Rear	23780	709.0	22.80	23.00	1.047	-	-	-	-
		23790	710.0	22.70	23.00	1.072	-	-	-	-
		23800	711.0	22.82	23.00	1.042	-0.02	0.225	0.235	20
	Left	23800	711.0	22.82	23.00	1.042	0.01	0.138	0.144	-
	Right	23800	711.0	22.82	23.00	1.042	-0.01	0.132	0.138	-
	Top	23800	711.0	22.82	23.00	1.042	-	-	-	-
	Bottom	23800	711.0	22.82	23.00	1.042	-0.01	0.176	0.183	-
10M QPSK 25RB	Front	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	0.02	0.142	0.155	-
	Rear	23780	709.0	21.67	22.00	1.079	-	-	-	-
		23790	710.0	21.59	22.00	1.099	-	-	-	-
		23800	711.0	21.63	22.00	1.089	-0.06	0.200	0.218	-
	Left	23800	711.0	21.63	22.00	1.089	0.03	0.123	0.134	-
	Right	23800	711.0	21.63	22.00	1.089	-0.02	0.118	0.128	-
	Top	23800	711.0	21.63	22.00	1.089	-	-	-	-
	Bottom	23800	711.0	21.63	22.00	1.089	-0.02	0.156	0.170	-

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	Front	1	2412	13.40	13.50	1.023	0.994	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	0.994	1.006	-0.13	0.124	0.126	-
		11	2462	13.76	14.00	1.057	0.994	1.006	-	-	-	-
	Rear	1	2412	13.40	13.50	1.023	0.994	1.006	-	-	-	-
		6	2437	13.97	14.00	1.007	0.994	1.006	-0.09	0.169	0.171	21
		11	2462	13.76	14.00	1.057	0.994	1.006	-	-	-	-
	Left	6	2437	13.97	14.00	1.007	0.994	1.006	0.05	0.104	0.105	-
	Right	6	2437	13.97	14.00	1.007	0.994	1.006	-0.03	0.099	0.100	-
	Top	6	2437	13.97	14.00	1.007	0.994	1.006	-0.08	0.138	0.140	-
	Bottom	6	2437	13.97	14.00	1.007	0.994	1.006	-	-	-	-

Appendix C: Simultaneous Transmission analysis-Head

PCE + WLAN DTS					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR (W/kg)
			PCE	WLAN DTS	
GSM	GSM850	Left Cheek	0.214	0.153	0.367
		Left Tilted	0.164	0.130	0.294
		Right Cheek	0.231	0.147	0.378
		Right Tilted	0.175	0.123	0.298
	GSM1900	Left Cheek	0.275	0.153	0.428
		Left Tilted	0.227	0.130	0.357
		Right Cheek	0.262	0.147	0.409
		Right Tilted	0.209	0.123	0.332
WCDMA	Band II	Left Cheek	0.242	0.153	0.395
		Left Tilted	0.200	0.130	0.330
		Right Cheek	0.231	0.147	0.378
		Right Tilted	0.185	0.123	0.308
	Band V	Left Cheek	0.201	0.153	0.354
		Left Tilted	0.153	0.130	0.283
		Right Cheek	0.217	0.147	0.364
		Right Tilted	0.164	0.123	0.287
LTE	B2 1RB	Left Cheek	0.234	0.153	0.387
		Left Tilted	0.192	0.130	0.322
		Right Cheek	0.223	0.147	0.370
		Right Tilted	0.179	0.123	0.302
	B2 50RB	Left Cheek	0.226	0.153	0.379
		Left Tilted	0.186	0.130	0.316
		Right Cheek	0.216	0.147	0.363
		Right Tilted	0.172	0.123	0.295
	B4 1RB	Left Cheek	0.092	0.153	0.245
		Left Tilted	0.076	0.130	0.206
		Right Cheek	0.088	0.147	0.235
		Right Tilted	0.071	0.123	0.194
	B4 50RB	Left Cheek	0.092	0.153	0.245
		Left Tilted	0.075	0.130	0.205
		Right Cheek	0.088	0.147	0.235
		Right Tilted	0.070	0.123	0.193
	B5 1RB	Left Cheek	0.164	0.153	0.317
		Left Tilted	0.125	0.130	0.255
		Right Cheek	0.178	0.147	0.325
		Right Tilted	0.134	0.123	0.257
	B5 25RB	Left Cheek	0.132	0.153	0.285
		Left Tilted	0.101	0.130	0.231
		Right Cheek	0.142	0.147	0.289
		Right Tilted	0.108	0.123	0.231

B7 1RB	Left Cheek	0.164	0.153	0.317
	Left Tilted	0.186	0.130	0.316
	Right Cheek	0.152	0.147	0.299
	Right Tilted	0.177	0.123	0.300
B7 50RB	Left Cheek	0.142	0.153	0.295
	Left Tilted	0.134	0.130	0.264
	Right Cheek	0.110	0.147	0.257
	Right Tilted	0.128	0.123	0.251
B17 1RB	Left Cheek	0.121	0.153	0.274
	Left Tilted	0.093	0.130	0.223
	Right Cheek	0.121	0.147	0.268
	Right Tilted	0.093	0.123	0.216
B17 25RB	Left Cheek	0.105	0.153	0.258
	Left Tilted	0.079	0.130	0.209
	Right Cheek	0.113	0.147	0.260
	Right Tilted	0.086	0.123	0.209

PCE + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	BT	(W/kg)
GSM	GSM850	Left Cheek	0.214	0.081	0.295
		Left Tilted	0.164	0.069	0.232
		Right Cheek	0.231	0.078	0.308
		Right Tilted	0.175	0.065	0.240
	GSM1900	Left Cheek	0.275	0.081	0.356
		Left Tilted	0.227	0.069	0.295
		Right Cheek	0.262	0.078	0.340
		Right Tilted	0.209	0.065	0.275
WCDMA	Band II	Left Cheek	0.242	0.081	0.323
		Left Tilted	0.200	0.069	0.268
		Right Cheek	0.231	0.078	0.309
		Right Tilted	0.185	0.065	0.251
	Band V	Left Cheek	0.201	0.081	0.282
		Left Tilted	0.153	0.069	0.222
		Right Cheek	0.217	0.078	0.294
		Right Tilted	0.164	0.065	0.229
LTE	B2 1RB	Left Cheek	0.234	0.081	0.315
		Left Tilted	0.192	0.069	0.260
		Right Cheek	0.223	0.078	0.301
		Right Tilted	0.179	0.065	0.244
	B2 50RB	Left Cheek	0.226	0.081	0.307
		Left Tilted	0.186	0.069	0.254
		Right Cheek	0.216	0.078	0.293
		Right Tilted	0.172	0.065	0.238
	B4 1RB	Left Cheek	0.092	0.081	0.173
		Left Tilted	0.076	0.069	0.144
		Right Cheek	0.088	0.078	0.166
		Right Tilted	0.071	0.065	0.136
	B4 50RB	Left Cheek	0.092	0.081	0.173
		Left Tilted	0.075	0.069	0.144
		Right Cheek	0.088	0.078	0.165
		Right Tilted	0.070	0.065	0.135
	B5 1RB	Left Cheek	0.164	0.081	0.245
		Left Tilted	0.125	0.069	0.194
		Right Cheek	0.178	0.078	0.255
		Right Tilted	0.134	0.065	0.199
	B5 25RB	Left Cheek	0.132	0.081	0.213
		Left Tilted	0.101	0.069	0.170
		Right Cheek	0.142	0.078	0.220
		Right Tilted	0.108	0.065	0.174

	B7 1RB	Left Cheek	0.164	0.081	0.245
		Left Tilted	0.186	0.069	0.254
		Right Cheek	0.152	0.078	0.230
		Right Tilted	0.177	0.065	0.243
	B7 50RB	Left Cheek	0.142	0.081	0.223
		Left Tilted	0.134	0.069	0.203
		Right Cheek	0.110	0.078	0.188
		Right Tilted	0.128	0.065	0.193
	B17 1RB	Left Cheek	0.121	0.081	0.202
		Left Tilted	0.093	0.069	0.161
		Right Cheek	0.121	0.078	0.199
		Right Tilted	0.093	0.065	0.158
	B17 25RB	Left Cheek	0.105	0.081	0.185
		Left Tilted	0.079	0.069	0.148
		Right Cheek	0.113	0.078	0.191
		Right Tilted	0.086	0.065	0.151

Appendix C: Simultaneous Transmission analysis-Body

PCE + WLAN DTS					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	WLAN DTS	(W/kg)
GSM	GSM850	Front	0.248	0.126	0.374
		Rear	0.377	0.171	0.548
	GSM1900	Front	0.546	0.126	0.672
		Rear	0.862	0.171	1.033
WCDMA	Band II	Front	0.556	0.126	0.682
		Rear	0.781	0.171	0.952
	Band V	Front	0.151	0.126	0.277
		Rear	0.229	0.171	0.400
LTE	B2 1RB	Front	0.568	0.126	0.694
		Rear	0.798	0.171	0.969
	B2 50RB	Front	0.504	0.126	0.630
		Rear	0.708	0.171	0.879
	B4 1RB	Front	0.516	0.126	0.642
		Rear	0.724	0.171	0.895
	B4 50RB	Front	0.508	0.126	0.634
		Rear	0.714	0.171	0.885
	B5 1RB	Front	0.140	0.126	0.266
		Rear	0.197	0.171	0.368
	B5 25RB	Front	0.103	0.126	0.229
		Rear	0.145	0.171	0.316
	B7 1RB	Front	0.438	0.126	0.564
		Rear	0.615	0.171	0.786
	B7 50RB	Front	0.400	0.126	0.526
		Rear	0.561	0.171	0.732
	B17 1RB	Front	0.167	0.126	0.293
		Rear	0.235	0.171	0.406
	B17 25RB	Front	0.155	0.126	0.281
		Rear	0.218	0.171	0.389

PCE + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	BT	(W/kg)
GSM	GSM850	Front	0.248	0.078	0.327
		Rear	0.377	0.102	0.479
	GSM1900	Front	0.546	0.078	0.624
		Rear	0.862	0.102	0.965
WCDMA	Band II	Front	0.556	0.078	0.634
		Rear	0.781	0.102	0.883
	Band V	Front	0.151	0.078	0.229
		Rear	0.229	0.102	0.332
LTE	B2 1RB	Front	0.568	0.078	0.646
		Rear	0.798	0.102	0.900
	B2 50RB	Front	0.504	0.078	0.582
		Rear	0.708	0.102	0.810
	B4 1RB	Front	0.516	0.078	0.594
		Rear	0.724	0.102	0.826
	B4 50RB	Front	0.508	0.078	0.586
		Rear	0.714	0.102	0.816
	B5 1RB	Front	0.140	0.078	0.218
		Rear	0.197	0.102	0.299
	B5 25RB	Front	0.103	0.078	0.182
		Rear	0.145	0.102	0.248
	B7 1RB	Front	0.438	0.078	0.516
		Rear	0.615	0.102	0.717
	B7 50RB	Front	0.400	0.078	0.478
		Rear	0.561	0.102	0.664
	B17 1RB	Front	0.167	0.078	0.245
		Rear	0.235	0.102	0.337
	B17 25RB	Front	0.155	0.078	0.233
		Rear	0.218	0.102	0.320

Appendix C: Simultaneous Transmission analysis-Hotsopt

PCE + WLAN DTS					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	WLAN DTS	(W/kg)
GSM	GSM850	Front	0.248	0.126	0.374
		Rear	0.377	0.171	0.548
		Left side	0.232	0.105	0.337
		Right side	0.222	0.100	0.322
		Top side	-	0.140	0.140
		Bottom side	0.191	-	0.191
	GSM1900	Front	0.546	0.126	0.672
		Rear	0.862	0.171	1.033
		Left side	0.531	0.105	0.636
		Right side	0.507	0.100	0.607
		Top side	-	0.140	0.140
		Bottom side	0.673	-	0.673
WCDMA	Band II	Front	0.556	0.126	0.682
		Rear	0.781	0.171	0.952
		Left side	0.481	0.105	0.586
		Right side	0.459	0.100	0.559
		Top side	-	0.140	0.140
		Bottom side	0.610	-	0.610
	Band V	Front	0.151	0.126	0.277
		Rear	0.229	0.171	0.400
		Left side	0.162	0.105	0.267
		Right side	0.155	0.100	0.255
		Top side	-	0.140	0.140
		Bottom side	0.107	-	0.107
	B2 1RB	Front	0.568	0.126	0.694
		Rear	0.798	0.171	0.969
		Left side	0.492	0.105	0.597
		Right side	0.469	0.100	0.569
		Top side	-	0.140	0.140
		Bottom side	0.624	-	0.624
	B2 50RB	Front	0.504	0.126	0.630
		Rear	0.708	0.171	0.879
		Left side	0.436	0.105	0.541
		Right side	0.417	0.100	0.517
		Top side	-	0.140	0.140
		Bottom side	0.553	-	0.553

LTE	B4 1RB	Front	0.516	0.126	0.642
		Rear	0.724	0.171	0.895
		Left side	0.446	0.105	0.551
		Right side	0.426	0.100	0.526
		Top side	-	0.140	0.140
		Bottom side	0.565	-	0.565
	B4 50RB	Front	0.508	0.126	0.634
		Rear	0.714	0.171	0.885
		Left side	0.440	0.105	0.545
		Right side	0.420	0.100	0.520
		Top side	-	0.140	0.140
		Bottom side	0.558	-	0.558
	B5 1RB	Front	0.140	0.126	0.266
		Rear	0.197	0.171	0.368
		Left side	0.132	0.105	0.237
		Right side	0.126	0.100	0.226
		Top side	-	0.140	0.140
		Bottom side	0.087	-	0.087
	B5 25RB	Front	0.103	0.126	0.229
		Rear	0.145	0.171	0.316
		Left side	0.097	0.105	0.202
		Right side	0.093	0.100	0.193
		Top side	-	0.140	0.140
		Bottom side	0.065	-	0.065
	B7 1RB	Front	0.438	0.126	0.564
		Rear	0.615	0.171	0.786
		Left side	0.378	0.105	0.483
		Right side	0.362	0.100	0.462
		Top side	-	0.140	0.140
		Bottom side	0.481	-	0.481
	B7 50RB	Front	0.400	0.126	0.526
		Rear	0.561	0.171	0.732
		Left side	0.345	0.105	0.450
		Right side	0.330	0.100	0.430
		Top side	-	0.140	0.140
		Bottom side	0.438	-	0.438
	B17 1RB	Front	0.167	0.126	0.293
		Rear	0.235	0.171	0.406
		Left side	0.144	0.105	0.249
		Right side	0.138	0.100	0.238
		Top side	-	0.140	0.140
		Bottom side	0.183	-	0.183
	B17 25RB	Front	0.155	0.126	0.281
		Rear	0.218	0.171	0.389
		Left side	0.134	0.105	0.239
		Right side	0.128	0.100	0.228
		Top side	-	0.140	0.140
		Bottom side	0.170	-	0.170