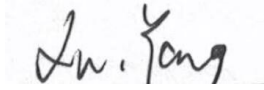


Project No.	SHT2308070102EW		
Test sample No.	YPHT23080701001_02	Model No.	ENGY Pro 24
Start test date	2023/9/7	Finish date	2023/9/12
Temperature	22.7°C	Humidity	57%
Test Engineer	Xiaodong Zhao	Auditor	

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		33.10	33.22	32.98	33.50	-9.03	24.07	24.19	23.95	24.47
GPRS (GMSK)	1Tx slot	33.05	32.86	32.61	33.50	-9.03	24.02	23.83	23.58	24.47
	2Tx slots	32.39	32.55	32.26	33.00	-6.02	26.37	26.53	26.24	26.98
	3Tx slots	30.54	30.69	30.53	31.00	-4.26	26.28	26.43	26.27	26.74
	4Tx slots	28.73	28.91	28.76	29.00	-3.01	25.72	25.90	25.75	25.99
EGPRS (8PSK)	1Tx slot	27.27	27.16	27.03	27.50	-9.03	18.24	18.13	18.00	18.47
	2Tx slots	27.25	27.43	27.28	27.50	-6.02	21.23	21.41	21.26	21.48
	3Tx slots	27.05	27.23	27.10	27.50	-4.26	22.79	22.97	22.84	23.24
	4Tx slots	26.72	26.93	26.76	27.00	-3.01	23.71	23.92	23.75	23.99

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		30.14	30.42	30.41	30.50	-9.03	21.11	21.39	21.38	21.47
GPRS (GMSK)	1Tx slot	30.17	30.26	30.20	30.50	-9.03	21.14	21.23	21.17	21.47
	2Tx slots	29.54	29.70	29.68	30.00	-6.02	23.52	23.68	23.66	23.98
	3Tx slots	27.85	27.98	27.98	28.00	-4.26	23.59	23.72	23.72	23.74
	4Tx slots	26.39	26.50	26.47	27.00	-3.01	23.38	23.49	23.46	23.99
EGPRS (8PSK)	1Tx slot	26.33	26.51	26.47	27.00	-9.03	17.30	17.48	17.44	17.97
	2Tx slots	26.33	26.53	26.54	27.00	-6.02	20.31	20.51	20.52	20.98
	3Tx slots	26.33	26.51	26.49	27.00	-4.26	22.07	22.25	22.23	22.74
	4Tx slots	26.35	26.50	26.44	27.00	-3.01	23.34	23.49	23.43	23.99

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		22.92	22.99	22.70	23.00
RMC 12.2K		22.95	23.02	22.73	23.50
HSDPA	Subtest-1	22.00	22.17	22.25	22.50
	Subtest-2	21.55	21.68	21.77	22.00
	Subtest-3	21.57	21.70	21.78	22.00
	Subtest-4	21.56	21.68	21.79	22.00
HSUPA	Subtest-1	19.99	20.15	20.23	20.50
	Subtest-2	20.51	20.69	20.76	21.00
	Subtest-3	21.01	21.17	21.32	21.50
	Subtest-4	20.06	20.15	20.24	20.50
	Subtest-5	21.94	22.09	22.19	22.50

WCDMA Band V		Conducted Power (dBm)			Tune-up limit (dBm)
		CH4132	CH4183	CH4233	
		826.4MHz	836.6MHz	846.6MHz	
AMR 12.2K		23.00	22.96	22.53	23.50
RMC 12.2K		23.03	22.99	22.56	23.50
HSDPA	Subtest-1	21.75	21.69	21.37	22.00
	Subtest-2	21.31	21.25	20.88	21.50
	Subtest-3	21.34	21.27	20.90	21.50
	Subtest-4	21.33	21.24	20.87	21.50
HSUPA	Subtest-1	19.83	19.77	19.36	20.00
	Subtest-2	20.25	20.19	19.81	20.50
	Subtest-3	20.78	20.73	20.30	21.00
	Subtest-4	19.88	19.79	19.41	20.00
	Subtest-5	21.82	21.72	21.35	22.00

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	23.66	23.75	24.00	24.50
			2	23.86	23.95	24.15	
			5	23.68	23.78	24.03	
		3	0	23.76	23.85	23.82	24.00
			1	23.77	23.82	23.84	
			3	23.74	23.89	23.88	
		6	0	22.79	22.89	23.08	23.50
	16QAM	1	0	22.69	22.84	22.80	23.50
			2	22.89	23.08	22.98	
			5	22.71	22.85	22.79	
		3	0	22.59	22.71	22.65	23.00
			1	22.59	22.71	22.63	
			3	22.58	22.69	22.63	
		6	0	21.79	21.74	21.77	22.00
3	QPSK	1	0	23.48	23.63	23.79	24.00
			8	23.28	23.56	23.29	
			14	23.14	23.43	23.33	
		8	0	22.19	22.55	22.37	23.00
			4	22.20	22.68	22.36	
			7	22.17	22.76	22.33	
		15	0	22.19	22.69	22.25	23.00
	16QAM	1	0	22.51	22.19	22.56	23.00
			8	22.29	22.17	22.31	
			14	22.26	22.27	22.27	
		8	0	21.16	21.39	21.30	22.00
			4	21.16	21.64	21.31	
			7	21.16	21.53	21.27	
		15	0	21.04	21.50	21.24	22.00
5	QPSK	1	0	23.03	23.18	23.22	23.50
			12	23.19	23.31	23.43	
			24	23.07	23.23	23.28	
		12	0	22.15	22.21	22.24	22.50
			6	22.15	22.20	22.27	
			13	22.09	22.23	22.26	
		25	0	22.15	22.23	22.25	22.50
	16QAM	1	0	22.18	22.13	22.21	22.50
			12	22.34	22.29	22.26	
			24	22.27	22.17	22.11	
		12	0	21.14	21.17	21.17	21.50
			6	21.14	21.16	21.20	
			13	21.11	21.24	21.17	
		25	0	21.11	21.26	21.23	21.50

10	QPSK	1	0	23.35	23.62	23.76	24.00
			24	23.37	23.45	23.47	
			49	23.16	23.47	23.38	
		25	0	22.26	22.55	22.35	23.00
			12	22.28	22.80	22.33	
			25	22.23	22.82	22.44	
		50	0	22.25	22.78	22.38	23.00
	16QAM	1	0	22.32	22.20	22.91	23.00
			24	22.48	22.33	22.50	
			49	22.37	22.20	22.33	
		25	0	21.30	21.67	21.31	22.00
			12	21.28	21.80	21.32	
			25	21.27	21.82	21.40	
		50	0	21.23	21.73	21.34	22.00
15	QPSK	1	0	23.05	23.19	23.17	23.50
			38	23.19	23.24	23.24	
			74	23.07	23.09	23.16	
		38	0	22.29	22.04	22.36	22.50
			18	22.44	22.14	22.44	
			37	22.35	22.00	22.19	
		75	0	22.32	22.32	22.48	22.50
	16QAM	1	0	22.28	22.05	22.36	22.50
			38	22.43	22.15	22.45	
			74	22.35	22.00	22.19	
		38	0	22.28	22.05	22.36	22.50
			18	22.45	22.17	22.45	
			37	22.35	22.02	22.19	
		75	0	21.25	21.27	21.36	21.50
20	QPSK	1	0	22.94	22.86	23.03	24.00
			49	23.30	23.26	23.51	
			99	22.99	22.85	23.18	
		50	0	22.14	22.06	22.43	22.50
			25	22.13	22.08	22.48	
			50	22.22	22.09	22.47	
		100	0	22.16	22.07	22.46	22.50
	16QAM	1	0	22.05	21.96	22.09	22.50
			49	22.48	22.31	22.43	
			99	22.12	21.97	22.01	
		50	0	21.14	21.11	21.43	21.50
			25	21.15	21.11	21.46	
			50	21.22	21.13	21.45	
		100	0	21.17	21.06	21.43	21.50

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	22.25	22.46	22.86	23.50
			2	23.02	22.59	23.06	
			5	22.89	22.47	22.74	
		3	0	22.23	22.55	22.77	23.00
			1	22.24	22.55	22.75	
			3	22.29	22.57	22.77	
		6	0	21.35	21.54	21.85	22.00
	16QAM	1	0	21.75	21.56	21.76	22.00
			2	21.87	21.73	21.92	
			5	21.08	21.61	21.73	
		3	0	21.03	21.44	21.56	22.00
			1	21.04	21.43	21.57	
			3	21.01	21.45	21.58	
		6	0	20.35	20.44	20.61	21.00
3	QPSK	1	0	22.89	23.04	22.87	23.50
			8	22.94	23.07	22.76	
			14	22.93	22.79	22.73	
		8	0	21.92	21.57	21.85	22.50
			4	21.93	21.60	21.99	
			7	21.90	21.62	22.06	
		15	0	21.82	21.53	22.02	22.50
	16QAM	1	0	21.87	21.94	21.79	22.00
			8	21.87	21.83	21.78	
			14	21.84	21.63	21.79	
		8	0	20.79	20.63	20.85	21.00
			4	20.79	20.62	20.96	
			7	20.77	20.69	20.94	
		15	0	20.68	20.51	21.10	21.50
5	QPSK	1	0	22.71	22.91	22.64	23.00
			12	22.91	22.96	22.81	
			24	22.78	22.52	22.71	
		12	0	21.71	21.45	21.69	22.00
			6	21.73	21.44	21.72	
			13	21.72	21.51	21.65	
		25	0	21.67	21.49	21.69	22.00
	16QAM	1	0	21.74	21.92	21.50	22.00
			12	21.92	21.71	21.68	
			24	21.79	21.49	21.60	
		12	0	20.64	20.51	20.61	21.00
			6	20.64	20.51	20.60	
			13	20.67	20.57	20.63	
		25	0	20.61	20.58	20.65	21.00

10	QPSK	1	0	22.84	22.94	22.56	23.50
			24	23.06	22.77	22.79	
			49	22.90	22.59	22.69	
		25	0	21.84	21.58	21.65	22.00
			12	21.85	21.58	21.65	
			25	21.78	21.69	21.65	
		50	0	21.79	21.61	21.68	22.00
	16QAM	1	0	21.81	21.76	21.65	22.00
			24	21.96	21.52	21.87	
			49	21.86	21.49	21.80	
		25	0	20.76	20.68	20.59	21.00
			12	20.80	20.65	20.58	
			25	20.76	20.77	20.59	
		50	0	20.77	20.65	20.56	21.00
15	QPSK	1	0	22.76	22.81	22.61	23.00
			38	22.90	22.98	22.64	
			74	22.82	22.51	22.43	
		38	0	21.81	21.19	21.65	22.50
			18	21.96	21.42	21.72	
			37	22.00	21.38	21.74	
		75	0	21.95	21.62	22.05	22.50
	16QAM	1	0	21.83	21.67	21.58	22.50
			38	21.96	21.59	21.73	
			74	22.00	21.33	21.69	
		38	0	21.83	21.20	21.60	22.50
			18	21.96	21.41	21.75	
			37	22.01	21.35	21.85	
		75	0	20.84	20.62	20.96	21.00
20	QPSK	1	0	22.68	22.57	22.90	23.50
			49	23.13	23.04	22.82	
			99	22.78	22.72	22.80	
		50	0	21.91	21.85	21.62	22.00
			25	21.92	21.71	21.68	
			50	21.74	21.71	21.98	
		100	0	21.87	21.61	21.89	22.00
	16QAM	1	0	21.61	21.66	21.43	22.50
			49	22.13	22.10	21.77	
			99	21.90	21.74	21.50	
		50	0	20.86	20.75	20.65	21.00
			25	20.89	20.63	20.66	
			50	20.76	20.83	20.87	
		100	0	20.81	20.65	20.98	21.00

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	24.46	24.36	23.83	25.00
			2	24.62	24.51	24.03	
			5	24.50	24.35	23.86	
		3	0	24.52	24.45	23.99	25.00
			1	24.52	24.45	24.07	
			3	24.58	24.48	23.99	
		6	0	23.58	23.44	22.96	24.00
	16QAM	1	0	23.38	23.49	23.00	24.00
			2	23.52	23.64	23.28	
			5	23.38	23.46	23.04	
		3	0	23.35	23.35	22.95	23.50
			1	23.36	23.36	22.95	
			3	23.33	23.35	22.94	
		6	0	22.55	22.32	22.03	23.00
3	QPSK	1	0	24.50	24.50	24.01	25.00
			8	24.53	24.48	24.06	
			14	24.50	24.44	24.03	
		8	0	23.53	23.49	23.13	24.00
			4	23.52	23.52	23.13	
			7	23.53	23.49	23.10	
		15	0	23.48	23.46	23.10	23.50
	16QAM	1	0	23.61	23.38	23.25	24.00
			8	23.61	23.37	23.24	
			14	23.57	23.34	23.25	
		8	0	22.48	22.51	22.19	23.00
			4	22.49	22.50	22.18	
			7	22.52	22.48	22.14	
		15	0	22.37	22.37	22.12	22.50
5	QPSK	1	0	24.36	24.44	23.98	25.00
			12	24.57	24.54	24.12	
			24	24.38	24.41	24.02	
		12	0	23.45	23.43	23.16	23.50
			6	23.44	23.44	23.16	
			13	23.44	23.42	23.04	
		25	0	23.44	23.47	23.10	23.50
	16QAM	1	0	23.54	23.41	23.00	24.00
			12	23.72	23.50	23.18	
			24	23.60	23.34	23.06	
		12	0	22.43	22.48	22.14	22.50
			6	22.44	22.43	22.14	
			13	22.45	22.44	22.02	
		25	0	22.44	22.48	22.15	22.50
10	QPSK	1	0	24.44	24.41	23.94	25.00
			24	24.55	24.46	24.04	
			49	24.44	24.25	23.92	
		25	0	23.49	23.45	23.08	24.00
			12	23.50	23.46	23.15	
			25	23.47	23.43	22.94	
		50	0	23.45	23.42	23.04	23.50
	16QAM	1	0	23.31	23.60	23.09	24.00
			24	23.48	23.65	23.30	
			49	23.30	23.46	23.21	
		25	0	22.54	22.48	22.11	23.00
			12	22.52	22.46	22.10	
			25	22.50	22.40	21.92	
		50	0	22.47	22.40	21.99	22.50

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	21.30	21.56	21.88	22.50
			12	21.39	21.69	22.05	
			24	21.35	21.64	22.05	
		12	0	20.28	20.62	21.02	21.50
			6	20.26	20.60	21.00	
			13	20.34	20.61	21.00	
		25	0	20.34	20.61	21.01	21.50
	16QAM	1	0	20.45	20.53	20.83	21.50
			12	20.55	20.65	21.01	
			24	20.50	20.59	21.03	
		12	0	19.32	19.65	20.00	20.50
			6	19.34	19.62	20.01	
			13	19.42	19.57	19.98	
		25	0	19.36	19.67	20.05	20.50
10	QPSK	1	0	21.30	21.56	21.89	22.50
			24	21.49	21.78	22.02	
			49	21.38	21.73	22.04	
		25	0	20.31	20.69	21.08	21.50
			12	20.31	20.71	21.10	
			25	20.56	20.72	20.99	
		50	0	20.45	20.73	21.06	21.50
	16QAM	1	0	20.46	20.48	20.97	21.50
			24	20.61	20.71	21.18	
			49	20.52	20.61	21.26	
		25	0	19.35	19.78	20.05	20.50
			12	19.38	19.79	20.07	
			25	19.61	19.78	20.00	
		50	0	19.52	19.76	20.03	20.50
15	QPSK	1	0	21.21	21.46	21.72	22.00
			38	21.31	21.66	21.93	
			74	21.25	21.66	21.95	
		38	0	20.50	20.32	20.84	21.50
			18	20.58	20.51	21.01	
			37	20.53	20.48	21.13	
		75	0	20.41	20.73	21.02	21.50
	16QAM	1	0	20.47	20.32	20.83	21.50
			38	20.57	20.53	20.99	
			74	20.51	20.51	21.12	
		38	0	20.45	20.32	20.83	21.50
			18	20.60	20.54	20.98	
			37	20.54	20.48	21.09	
		75	0	19.47	19.71	19.91	20.00
20	QPSK	1	0	21.14	21.11	21.60	22.50
			49	21.42	21.65	22.10	
			99	21.15	21.41	21.90	
		50	0	20.02	20.69	20.66	21.00
			25	20.04	20.67	20.66	
			50	20.49	20.63	20.70	
		100	0	20.35	20.68	20.67	21.00
	16QAM	1	0	20.23	20.17	20.60	21.00
			49	20.63	20.70	20.98	
			99	20.21	20.50	20.89	
		50	0	19.10	19.75	19.65	20.00
			25	19.09	19.73	19.66	
			50	19.55	19.73	19.72	
		100	0	19.36	19.71	19.68	20.00

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	23.97	23.94	23.91	24.50
			2	24.19	24.04	24.04	
			5	23.93	23.93	23.87	
		3	0	24.09	24.03	23.78	24.50
			1	24.08	23.95	23.86	
			3	24.04	24.07	23.63	
		6	0	23.04	22.96	22.68	23.50
	16QAM	1	0	23.08	23.12	23.04	23.50
			2	23.15	23.22	23.19	
			5	23.10	23.09	22.93	
		3	0	22.92	22.95	22.55	23.00
			1	22.92	22.90	22.63	
			3	22.88	22.86	22.62	
		6	0	21.97	21.89	21.63	22.00
3	QPSK	1	0	24.16	24.18	24.11	24.50
			8	24.10	24.09	24.10	
			14	24.10	24.11	24.10	
		8	0	23.18	23.11	23.18	23.50
			4	23.14	23.17	23.14	
			7	23.14	23.11	23.14	
		15	0	23.13	23.09	23.13	23.50
	16QAM	1	0	23.34	23.34	22.94	23.50
			8	23.27	23.20	22.94	
			14	23.27	23.25	23.00	
		8	0	22.26	22.22	22.19	22.50
			4	22.27	22.23	22.18	
			7	22.28	22.20	22.18	
		15	0	22.19	22.11	22.06	22.50
5	QPSK	1	0	24.04	24.06	23.94	24.50
			12	24.08	24.11	24.00	
			24	24.06	24.00	23.92	
		12	0	23.10	23.05	23.07	23.50
			6	23.09	23.03	23.08	
			13	22.96	23.05	22.90	
		25	0	23.00	23.04	23.00	23.50
	16QAM	1	0	23.22	23.01	22.94	23.50
			12	23.24	23.12	23.02	
			24	23.26	23.02	22.91	
		12	0	22.17	22.17	22.10	22.50
			6	22.16	22.16	22.13	
			13	22.12	22.19	21.95	
		25	0	22.09	22.24	22.08	22.50
10	QPSK	1	0	24.02	24.05	24.00	24.50
			24	24.22	24.16	24.11	
			49	24.00	24.04	23.97	
		25	0	23.26	23.21	22.98	23.50
			12	23.27	23.23	22.96	
			25	23.12	23.15	22.94	
		50	0	23.21	23.15	22.95	23.50
	16QAM	1	0	23.17	22.93	23.24	23.50
			24	23.27	23.07	23.26	
			49	23.19	22.94	23.17	
		25	0	22.40	22.34	22.08	22.50
			12	22.39	22.33	22.04	
			25	22.23	22.27	22.01	
		50	0	22.29	22.24	22.02	22.50

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	24.08	24.07	24.04	24.50
			12	24.20	24.13	24.18	
			24	24.09	23.97	24.00	
		12	0	23.12	23.01	23.13	23.50
			6	23.16	23.03	22.98	
			13	23.16	23.06	23.03	
		25	0	23.13	23.02	22.93	23.50
	16QAM	1	0	23.11	23.06	23.21	23.50
			12	23.19	23.10	23.37	
			24	23.11	22.98	23.17	
		12	0	22.19	22.03	22.25	22.50
			6	22.28	22.04	21.97	
			13	22.24	22.07	22.03	
		25	0	22.29	22.14	22.01	22.50
10	QPSK	1	0	24.12	24.10	24.21	24.50
			24	24.25	24.30	24.30	
			49	24.17	24.20	24.20	
		25	0	23.22	23.15	23.13	23.50
			12	23.21	23.12	23.13	
			25	23.18	23.09	23.11	
		50	0	23.17	23.09	23.10	23.50
	16QAM	1	0	23.35	23.30	23.10	23.50
			24	23.49	23.42	23.20	
			49	23.39	23.39	23.09	
		25	0	22.29	22.23	22.23	22.50
			12	22.30	22.23	22.24	
			25	22.29	22.20	22.25	
		50	0	22.26	22.17	22.17	22.50

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	16.99	14.69	15.50
	6	2437	17.44	15.26	15.50
	11	2462	17.41	15.22	15.50
802.11g	1	2412	17.09	14.77	15.50
	6	2437	17.56	15.01	15.50
	11	2462	17.48	14.98	15.50
802.11n (HT20)	1	2412	16.83	14.62	15.50
	6	2437	17.41	15.00	15.50
	11	2462	17.16	14.93	15.50

Bluetooth						
Mode		Channel	Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)	Tune-up limit (dBm)
EDR	GFSK	0	2402	8.00	6.75	7.00
		39	2441	8.71	6.86	7.00
		78	2480	7.87	6.58	7.00
	$\pi/4$ QPSK	0	2402	7.41	6.32	7.00
		39	2441	8.75	6.84	7.00
		78	2480	7.29	6.21	7.00
	8DPSK	0	2402	7.43	6.26	7.00
		39	2441	8.77	6.83	7.00
		78	2480	7.32	6.29	7.00
BLE	GFSK	0	2402	-4.89	-5.11	-5.00
		19	2440	-4.33	-5.03	-5.00
		39	2480	-4.14	-5.01	-5.00

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	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.06	0.171	0.190	-
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Left-Tilt	128	824.2	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.15	0.141	0.156	-
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Right-Cheek	128	824.2	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	-0.14	0.184	0.204	1
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Right-Tilt	128	824.2	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	-0.08	0.139	0.154	-
		251	848.8	32.26	33.00	1.186	-	-	-	-

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	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	-0.05	0.061	0.061	2
		810	1909.8	27.98	28.00	1.005	-	-	-	-
	Left-Tilt	512	1850.2	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	-0.04	0.049	0.049	-
		810	1909.8	27.98	28.00	1.005	-	-	-	-
	Right-Cheek	512	1850.2	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	0.03	0.059	0.059	-
		810	1909.8	27.98	28.00	1.005	-	-	-	-
	Right-Tilt	512	1850.2	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	0.03	0.046	0.046	-
		810	1909.8	27.98	28.00	1.005	-	-	-	-

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	22.95	23.50	1.135	-	-	-	-
		9400	1880.0	23.02	23.50	1.117	-0.09	0.046	0.051	3
		9538	1907.6	22.73	23.50	1.194	-	-	-	-
	Left-Tilt	9262	1852.4	22.95	23.50	1.135	-	-	-	-
		9400	1880.0	23.02	23.50	1.117	-0.08	0.038	0.042	-
		9538	1907.6	22.73	23.50	1.194	-	-	-	-
	Right-Cheek	9262	1852.4	22.95	23.50	1.135	-	-	-	-
		9400	1880.0	23.02	23.50	1.117	-0.13	0.044	0.049	-
		9538	1907.6	22.73	23.50	1.194	-	-	-	-
	Right-Tilt	9262	1852.4	22.95	23.50	1.135	-	-	-	-
		9400	1880.0	23.02	23.50	1.117	0.04	0.035	0.039	-
		9538	1907.6	22.73	23.50	1.194	-	-	-	-

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	23.03	23.50	1.114	-0.11	0.101	0.113	-
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-
	Left-Tilt	4132	826.4	23.03	23.50	1.114	0.12	0.077	0.086	-
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-
	Right-Cheek	4132	826.4	23.03	23.50	1.114	-0.02	0.107	0.119	4
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-
	Right-Tilt	4132	826.4	23.03	23.50	1.114	-0.06	0.081	0.090	-
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-

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	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	-0.15	0.047	0.053	5
	Left-Tilt	18700	1860.0	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	0.11	0.038	0.043	-
	Right-Cheek	18700	1860.0	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	0.07	0.046	0.051	-
	Right-Tilt	18700	1860.0	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	-0.09	0.037	0.041	-
20M QPSK 50RB	Left-Cheek	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	-0.10	0.040	0.040	-
	Left-Tilt	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	0.05	0.035	0.035	-
	Right-Cheek	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	0.05	0.037	0.037	-
	Right-Tilt	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	-0.04	0.031	0.032	-

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	23.13	23.50	1.089	0.16	0.082	0.089	6
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Left-Tilt	20050	1720.0	23.13	23.50	1.089	-0.02	0.061	0.067	-
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Right-Cheek	20050	1720.0	23.13	23.50	1.089	-0.08	0.080	0.087	-
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Right-Tilt	20050	1720.0	23.13	23.50	1.089	0.04	0.062	0.067	-
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
20M QPSK 50RB	Left-Cheek	20050	1720.0	21.74	22.00	1.062	-0.07	0.067	0.071	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-
	Left-Tilt	20050	1720.0	21.74	22.00	1.062	0.06	0.053	0.056	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-
	Right-Cheek	20050	1720.0	21.74	22.00	1.062	0.03	0.061	0.065	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-
	Right-Tilt	20050	1720.0	21.74	22.00	1.062	-0.04	0.043	0.046	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-

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	24.55	25.00	1.109	0.06	0.112	0.124	-
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
	Left-Tilt	20450	829.0	24.55	25.00	1.109	0.14	0.093	0.103	-
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
	Right-Cheek	20450	829.0	24.55	25.00	1.109	-0.13	0.121	0.134	7
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
	Right-Tilt	20450	829.0	24.55	25.00	1.109	-0.08	0.092	0.102	-
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
10M QPSK 25RB	Left-Cheek	20450	829.0	23.50	24.00	1.122	0.01	0.095	0.107	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-
	Left-Tilt	20450	829.0	23.50	24.00	1.122	0.03	0.078	0.088	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-
	Right-Cheek	20450	829.0	23.50	24.00	1.122	-0.03	0.102	0.114	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-
	Right-Tilt	20450	829.0	23.50	24.00	1.122	-0.02	0.077	0.086	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-

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	21.42	22.50	1.282	-	-	-	-
		21100	2535.0	21.65	22.50	1.216	-	-	-	-
		21350	2560.0	22.10	22.50	1.096	-0.12	0.427	0.468	8
	Left-Tilt	20850	2510.0	21.42	22.50	1.282	-	-	-	-
		21100	2535.0	21.65	22.50	1.216	-	-	-	-
		21350	2560.0	22.10	22.50	1.096	-0.06	0.358	0.392	-
	Right-Cheek	20850	2510.0	21.42	22.50	1.282	-	-	-	-
		21100	2535.0	21.65	22.50	1.216	-	-	-	-
		21350	2560.0	22.10	22.50	1.096	0.09	0.413	0.452	-
	Right-Tilt	20850	2510.0	21.42	22.50	1.282	-	-	-	-
		21100	2535.0	21.65	22.50	1.216	-	-	-	-
		21350	2560.0	22.10	22.50	1.096	-0.04	0.327	0.359	-
20M QPSK 50RB	Left-Cheek	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	-0.03	0.415	0.445	-
	Left-Tilt	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	0.02	0.322	0.345	-
	Right-Cheek	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	-0.01	0.413	0.443	-
	Right-Tilt	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	-0.02	0.337	0.361	-

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	24.22	24.50	1.067	0.05	0.111	0.118	-
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
	Left-Tilt	23060	704.0	24.22	24.50	1.067	0.12	0.092	0.098	-
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
	Right-Cheek	23060	704.0	24.22	24.50	1.067	-0.11	0.120	0.128	9
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
	Right-Tilt	23060	704.0	24.22	24.50	1.067	-0.06	0.091	0.097	-
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
10M QPSK 25RB	Left-Cheek	23060	704.0	23.27	23.50	1.054	0.02	0.097	0.102	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-
	Left-Tilt	23060	704.0	23.27	23.50	1.054	0.06	0.080	0.084	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-
	Right-Cheek	23060	704.0	23.27	23.50	1.054	-0.05	0.105	0.111	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-
	Right-Tilt	23060	704.0	23.27	23.50	1.054	-0.03	0.080	0.084	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-

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	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	0.04	0.106	0.111	-
		23800	711.0	24.30	24.50	1.047	-	-	-	-
	Left-Tilt	23780	709.0	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	0.10	0.087	0.091	-
		23800	711.0	24.30	24.50	1.047	-	-	-	-
	Right-Cheek	23780	709.0	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	-0.09	0.114	0.119	10
		23800	711.0	24.30	24.50	1.047	-	-	-	-
	Right-Tilt	23780	709.0	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	-0.05	0.086	0.090	-
		23800	711.0	24.30	24.50	1.047	-	-	-	-
10M QPSK 25RB	Left-Cheek	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	0.06	0.108	0.117	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-
	Left-Tilt	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	0.14	0.090	0.098	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-
	Right-Cheek	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	-0.13	0.117	0.127	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-
	Right-Tilt	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	-0.08	0.089	0.096	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-

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	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	-0.02	0.064	0.068	11
		11	2462	15.22	15.50	1.067	99.40%	1.006	-	-	-	-
	Left-Tilt	1	2412	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	0.03	0.054	0.058	-
		11	2462	15.22	15.50	1.067	99.40%	1.006	-	-	-	-
	Right-Cheek	1	2412	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	0.01	0.062	0.065	-
		11	2462	15.22	15.50	1.067	99.40%	1.006	-	-	-	-
	Right-Tilt	1	2412	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	-0.01	0.052	0.055	-
		11	2462	15.22	15.50	1.067	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)	
EDR GFSK	Left-Cheek	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	-0.05	0.034	0.046	12
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-
	Left-Tilt	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	0.07	0.029	0.039	-
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-
	Right-Cheek	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	0.03	0.033	0.044	-
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-
	Right-Tilt	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	-0.04	0.027	0.037	-
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-

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	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.00	0.161	0.179	-
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Rear	128	824.2	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.01	0.244	0.271	13
		251	848.8	32.26	33.00	1.186	-	-	-	-

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	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	0.04	0.190	0.191	-
		810	1909.8	27.98	28.00	1.005	-	-	-	-
	Rear	512	1850.2	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	-0.05	0.301	0.302	14
		810	1909.8	27.98	28.00	1.005	-	-	-	-

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	22.95	23.50	1.135	-	-	-	-
		9400	1880.0	23.02	23.50	1.117	0.03	0.174	0.194	-
		9538	1907.6	22.73	23.50	1.194	-	-	-	-
	Rear	9262	1852.4	22.95	23.50	1.135	-	-	-	-
		9400	1880.0	23.02	23.50	1.117	-0.12	0.428	0.478	15
		9538	1907.6	22.73	23.50	1.194	-	-	-	-

WCDMA Band V										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	4132	826.4	23.03	23.50	1.114	-0.05	0.105	0.117	-
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-
	Rear	4132	826.4	23.03	23.50	1.114	-0.04	0.123	0.137	16
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-

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	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	0.02	0.259	0.290	-
	Rear	18700	1860.0	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	-0.06	0.364	0.407	17
20M QPSK 50RB	Front	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	0.04	0.231	0.232	-
	Rear	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	-0.10	0.325	0.327	-

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	23.13	23.50	1.089	-0.02	0.314	0.342	-
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Rear	20050	1720.0	23.13	23.50	1.089	0.05	0.441	0.480	18
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
20M QPSK 50RB	Front	20050	1720.0	21.74	22.00	1.062	-0.03	0.250	0.265	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-
	Rear	20050	1720.0	21.74	22.00	1.062	0.09	0.351	0.373	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-

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	24.55	25.00	1.109	0.02	0.102	0.113	-
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
	Rear	20450	829.0	24.55	25.00	1.109	-0.04	0.144	0.160	19
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
10M QPSK 25RB	Front	20450	829.0	23.50	24.00	1.122	0.03	0.089	0.100	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-
	Rear	20450	829.0	23.50	24.00	1.122	-0.08	0.125	0.140	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-

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	21.42	22.50	1.282	-	-	-	-
		21100	2535.0	21.65	22.50	1.216	-	-	-	-
		21350	2560.0	22.10	22.50	1.096	0.03	0.614	0.673	-
	Rear	20850	2510.0	21.42	22.50	1.282	0.09	0.655	0.840	-
		21100	2535.0	21.65	22.50	1.216	-0.02	0.723	0.879	-
		21350	2560.0	22.10	22.50	1.096	-0.08	0.863	0.946	20
20M QPSK 50RB	Front	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	0.01	0.498	0.534	-
	Rear	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	-0.03	0.629	0.674	-
20M QPSK 100RB	Rear	20850	2510.0	20.35	21.00	1.161	-	-	-	-
		21100	2535.0	20.68	21.00	1.076	-	-	-	-
		21350	2560.0	20.67	21.00	1.079	0.09	0.641	0.692	-

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	24.22	24.50	1.067	0.02	0.159	0.170	-
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
	Rear	23060	704.0	24.22	24.50	1.067	-0.05	0.224	0.239	21
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
10M QPSK 25RB	Front	23060	704.0	23.27	23.50	1.054	0.03	0.145	0.153	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-
	Rear	23060	704.0	23.27	23.50	1.054	-0.09	0.204	0.215	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-

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	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	0.00	0.155	0.162	-
		23800	711.0	24.30	24.50	1.047	-	-	-	-
	Rear	23780	709.0	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	0.01	0.218	0.228	22
		23800	711.0	24.30	24.50	1.047	-	-	-	-
10M QPSK 25RB	Front	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	-0.03	0.132	0.143	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-
	Rear	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	0.08	0.185	0.201	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-

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	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	-0.05	0.119	0.127	-
		11	2462	15.22	15.50	1.067	99.40%	1.006	-	-	-	-
	Rear	1	2412	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	-0.06	0.141	0.150	23
		11	2462	15.22	15.50	1.067	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)	
EDR GFSK	Front	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	0.03	0.052	0.070	-
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-
	Rear	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	-0.10	0.070	0.094	24
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-

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	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.00	0.161	0.179	-
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Rear	128	824.2	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.01	0.244	0.271	13
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Left	190	836.6	32.55	33.00	1.109	-0.01	0.150	0.166	-
	Right	190	836.6	32.55	33.00	1.109	-	-	-	-
	Top	190	836.6	32.55	33.00	1.109	-	-	-	-
	Bottom	190	836.6	32.55	33.00	1.109	0.00	0.099	0.110	-

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	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	0.04	0.190	0.191	-
		810	1909.8	27.98	28.00	1.005	-	-	-	-
	Rear	512	1850.2	27.85	28.00	1.035	-	-	-	-
		661	1880.0	27.98	28.00	1.005	-0.05	0.301	0.302	14
		810	1909.8	27.98	28.00	1.005	-	-	-	-
	Left	661	1880.0	27.98	28.00	1.005	0.03	0.185	0.186	-
	Right	661	1880.0	27.98	28.00	1.005	-	-	-	-
	Top	661	1880.0	27.98	28.00	1.005	-	-	-	-
	Bottom	661	1880.0	27.98	28.00	1.005	-0.02	0.235	0.236	-

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	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.00	0.161	0.179	-
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Rear	128	824.2	32.39	33.00	1.151	-	-	-	-
		190	836.6	32.55	33.00	1.109	0.01	0.244	0.271	13
		251	848.8	32.26	33.00	1.186	-	-	-	-
	Left	190	836.6	32.55	33.00	1.109	-0.01	0.150	0.166	-
	Right	190	836.6	32.55	33.00	1.109	-	-	-	-
	Top	190	836.6	32.55	33.00	1.109	-	-	-	-
	Bottom	190	836.6	32.55	33.00	1.109	0.00	0.099	0.110	-

WCDMA Band V										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
RMC 12.2Kbps	Front	4132	826.4	23.03	23.50	1.114	-0.05	0.105	0.117	-
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-
	Rear	4132	826.4	23.03	23.50	1.114	-0.04	0.123	0.137	16
		4183	836.6	22.99	23.50	1.125	-	-	-	-
		4233	846.6	22.56	23.50	1.242	-	-	-	-
	Left	4132	826.4	23.03	23.50	1.114	0.02	0.076	0.085	-
	Right	4132	826.4	23.03	23.50	1.114	-	-	-	-
	Top	4132	826.4	23.03	23.50	1.114	-	-	-	-
	Bottom	4132	826.4	23.03	23.50	1.114	-0.01	0.050	0.056	-

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	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	0.02	0.259	0.290	-
	Rear	18700	1860.0	23.30	24.00	1.175	-	-	-	-
		18900	1880.0	23.26	24.00	1.186	-	-	-	-
		19100	1900.0	23.51	24.00	1.119	-0.06	0.364	0.407	17
	Left	19100	1900.0	23.51	24.00	1.119	0.03	0.224	0.251	-
	Right	19100	1900.0	23.51	24.00	1.119	-	-	-	-
	Top	19100	1900.0	23.51	24.00	1.119	-	-	-	-
	Bottom	19100	1900.0	23.51	24.00	1.119	-0.02	0.284	0.318	-
20M QPSK 50RB	Front	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	0.04	0.231	0.232	-
	Rear	18700	1860.0	22.13	22.50	1.089	-	-	-	-
		18900	1880.0	22.08	22.50	1.102	-	-	-	-
		19100	1900.0	22.48	22.50	1.005	-0.10	0.325	0.327	-
	Left	19100	1900.0	22.48	22.50	1.005	0.06	0.200	0.201	-
	Right	19100	1900.0	22.48	22.50	1.005	-	-	-	-
	Top	19100	1900.0	22.48	22.50	1.005	-	-	-	-
	Bottom	19100	1900.0	22.48	22.50	1.005	-0.04	0.254	0.255	-

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	23.13	23.50	1.089	-0.02	0.314	0.342	-
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Rear	20050	1720.0	23.13	23.50	1.089	0.05	0.441	0.480	18
		20175	1732.5	23.04	23.50	1.112	-	-	-	-
		20300	1745.0	22.82	23.50	1.169	-	-	-	-
	Left	20050	1720.0	23.13	23.50	1.089	-0.03	0.271	0.295	-
	Right	20050	1720.0	23.13	23.50	1.089	-	-	-	-
	Top	20050	1720.0	23.13	23.50	1.089	-	-	-	-
	Bottom	20050	1720.0	23.13	23.50	1.089	0.02	0.344	0.375	-
20M QPSK 50RB	Front	20050	1720.0	21.74	22.00	1.062	-0.03	0.250	0.265	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-
	Rear	20050	1720.0	21.74	22.00	1.062	0.09	0.351	0.373	-
		20175	1732.5	21.71	22.00	1.069	-	-	-	-
		20300	1745.0	21.98	22.00	1.005	-	-	-	-
	Left	20050	1720.0	21.74	22.00	1.062	-0.05	0.216	0.229	-
	Right	20050	1720.0	21.74	22.00	1.062	-	-	-	-
	Top	20050	1720.0	21.74	22.00	1.062	-	-	-	-
	Bottom	20050	1720.0	21.74	22.00	1.062	0.03	0.274	0.291	-

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	24.55	25.00	1.109	0.02	0.102	0.113	-
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
	Rear	20450	829.0	24.55	25.00	1.109	-0.04	0.144	0.160	19
		20525	836.5	24.46	25.00	1.132	-	-	-	-
		20600	844.0	24.04	25.00	1.247	-	-	-	-
	Left	20450	829.0	24.55	25.00	1.109	0.02	0.089	0.099	-
	Right	20450	829.0	24.55	25.00	1.109	-	-	-	-
	Top	20450	829.0	24.55	25.00	1.109	-	-	-	-
	Bottom	20450	829.0	24.55	25.00	1.109	-0.01	0.058	0.064	-
10M QPSK 25RB	Front	20450	829.0	23.50	24.00	1.122	0.03	0.089	0.100	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-
	Rear	20450	829.0	23.50	24.00	1.122	-0.08	0.125	0.140	-
		20525	836.5	23.46	24.00	1.132	-	-	-	-
		20600	844.0	23.15	24.00	1.216	-	-	-	-
	Left	20450	829.0	23.50	24.00	1.122	0.05	0.077	0.086	-
	Right	20450	829.0	23.50	24.00	1.122	-	-	-	-
	Top	20450	829.0	23.50	24.00	1.122	-	-	-	-
	Bottom	20450	829.0	23.50	24.00	1.122	-0.03	0.051	0.057	-

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	21.42	22.50	1.282	-	-	-	-
		21100	2535.0	21.65	22.50	1.216	-	-	-	-
		21350	2560.0	22.10	22.50	1.096	0.03	0.614	0.673	-
	Rear	20850	2510.0	21.42	22.50	1.282	0.09	0.655	0.840	-
		21100	2535.0	21.65	22.50	1.216	-0.02	0.723	0.879	-
		21350	2560.0	22.10	22.50	1.096	-0.08	0.863	0.946	20
	Left	21350	2560.0	22.10	22.50	1.096	0.05	0.531	0.582	-
	Right	21350	2560.0	22.10	22.50	1.096	-	-	-	-
	Top	21350	2560.0	22.10	22.50	1.096	-	-	-	-
	Bottom	21350	2560.0	22.10	22.50	1.096	-0.03	0.674	0.739	-
20M QPSK 50RB	Front	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	0.01	0.498	0.534	-
	Rear	20850	2510.0	20.49	21.00	1.125	-	-	-	-
		21100	2535.0	20.63	21.00	1.089	-	-	-	-
		21350	2560.0	20.70	21.00	1.072	-0.03	0.629	0.674	-
	Left	21350	2560.0	20.70	21.00	1.072	0.02	0.387	0.415	-
	Right	21350	2560.0	20.70	21.00	1.072	-	-	-	-
	Top	21350	2560.0	20.70	21.00	1.072	-	-	-	-
	Bottom	21350	2560.0	20.70	21.00	1.072	-0.01	0.491	0.526	-
20M QPSK 100RB	Rear	20850	2510.0	20.35	21.00	1.161	-	-	-	-
		21100	2535.0	20.68	21.00	1.076	-	-	-	-
		21350	2560.0	20.67	21.00	1.079	0.09	0.641	0.692	-

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	24.22	24.50	1.067	0.02	0.159	0.170	-
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
	Rear	23060	704.0	24.22	24.50	1.067	-0.05	0.224	0.239	21
		23095	707.5	24.16	24.50	1.081	-	-	-	-
		23130	711.0	24.11	24.50	1.094	-	-	-	-
	Left	23060	704.0	24.22	24.50	1.067	0.03	0.138	0.147	-
	Right	23060	704.0	24.22	24.50	1.067	-	-	-	-
	Top	23060	704.0	24.22	24.50	1.067	-	-	-	-
	Bottom	23060	704.0	24.22	24.50	1.067	-0.02	0.091	0.097	-
10M QPSK 25RB	Front	23060	704.0	23.27	23.50	1.054	0.03	0.145	0.153	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-
	Rear	23060	704.0	23.27	23.50	1.054	-0.09	0.204	0.215	-
		23095	707.5	23.23	23.50	1.064	-	-	-	-
		23130	711.0	22.96	23.50	1.132	-	-	-	-
	Left	23060	704.0	23.27	23.50	1.054	0.05	0.126	0.133	-
	Right	23060	704.0	23.27	23.50	1.054	-	-	-	-
	Top	23060	704.0	23.27	23.50	1.054	-	-	-	-
	Bottom	23060	704.0	23.27	23.50	1.054	-0.03	0.083	0.088	-

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	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	0.00	0.155	0.162	-
		23800	711.0	24.30	24.50	1.047	-	-	-	-
	Rear	23780	709.0	24.25	24.50	1.059	-	-	-	-
		23790	710.0	24.30	24.50	1.047	0.01	0.218	0.228	22
		23800	711.0	24.30	24.50	1.047	-	-	-	-
	Left	23790	710.0	24.30	24.50	1.047	-0.01	0.134	0.140	-
	Right	23790	710.0	24.30	24.50	1.047	-	-	-	-
	Top	23790	710.0	24.30	24.50	1.047	-	-	-	-
	Bottom	23790	710.0	24.30	24.50	1.047	0.00	0.088	0.092	-
10M QPSK 25RB	Front	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	-0.03	0.132	0.143	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-
	Rear	23780	709.0	23.22	23.50	1.067	-	-	-	-
		23790	710.0	23.15	23.50	1.084	0.08	0.185	0.201	-
		23800	711.0	23.13	23.50	1.089	-	-	-	-
	Left	23790	710.0	23.15	23.50	1.084	-0.05	0.114	0.124	-
	Right	23790	710.0	23.15	23.50	1.084	-	-	-	-
	Top	23790	710.0	23.15	23.50	1.084	-	-	-	-
	Bottom	23790	710.0	23.15	23.50	1.084	0.03	0.075	0.081	-

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	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	-0.05	0.119	0.127	-
		11	2462	15.22	15.50	1.067	99.40%	1.006	-	-	-	-
	Rear	1	2412	14.69	15.50	1.205	99.40%	1.006	-	-	-	-
		6	2437	15.26	15.50	1.057	99.40%	1.006	-0.06	0.141	0.150	23
		11	2462	15.22	15.50	1.067	99.40%	1.006	-	-	-	-
	Left	6	2437	15.26	15.50	1.057	99.40%	1.006	0.03	0.087	0.092	-
	Right	6	2437	15.26	15.50	1.057	99.40%	1.006	-	-	-	-
	Top	6	2437	15.26	15.50	1.057	99.40%	1.006	-0.05	0.115	0.122	-
	Bottom	6	2437	15.26	15.50	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)	
EDR GFSK	Front	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	0.03	0.052	0.070	-
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-
	Rear	0	2402	6.75	7.00	1.059	76.68%	1.304	-	-	-	-
		39	2441	6.86	7.00	1.033	76.68%	1.304	-0.10	0.070	0.094	24
		78	2480	6.58	7.00	1.102	76.68%	1.304	-	-	-	-
	Left	39	2441	6.86	7.00	1.033	76.68%	1.304	0.06	0.043	0.058	-
	Right	39	2441	6.86	7.00	1.033	76.68%	1.304	-	-	-	-
	Top	39	2441	6.86	7.00	1.033	76.68%	1.304	-0.09	0.057	0.077	-
	Bottom	39	2441	6.86	7.00	1.033	76.68%	1.304	-	-	-	-

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	0.190	0.068	0.258
		Left Tilted	0.156	0.058	0.214
		Right Cheek	0.204	0.065	0.269
		Right Tilted	0.154	0.055	0.209
	GSM1900	Left Cheek	0.061	0.068	0.129
		Left Tilted	0.049	0.058	0.107
		Right Cheek	0.059	0.065	0.124
		Right Tilted	0.046	0.055	0.101
WCDMA	Band II	Left Cheek	0.051	0.068	0.119
		Left Tilted	0.042	0.058	0.100
		Right Cheek	0.049	0.065	0.114
		Right Tilted	0.039	0.055	0.094
	Band V	Left Cheek	0.113	0.068	0.181
		Left Tilted	0.086	0.058	0.144
		Right Cheek	0.119	0.065	0.184
		Right Tilted	0.090	0.055	0.145
LTE	B2 1RB	Left Cheek	0.053	0.068	0.121
		Left Tilted	0.043	0.058	0.101
		Right Cheek	0.051	0.065	0.116
		Right Tilted	0.041	0.055	0.096
	B2 50RB	Left Cheek	0.040	0.068	0.108
		Left Tilted	0.035	0.058	0.093
		Right Cheek	0.037	0.065	0.102
		Right Tilted	0.032	0.055	0.087
	B4 1RB	Left Cheek	0.089	0.068	0.157
		Left Tilted	0.067	0.058	0.125
		Right Cheek	0.087	0.065	0.152
		Right Tilted	0.067	0.055	0.122
	B4 50RB	Left Cheek	0.071	0.068	0.139
		Left Tilted	0.056	0.058	0.114
		Right Cheek	0.065	0.065	0.130
		Right Tilted	0.046	0.055	0.101
	B5 1RB	Left Cheek	0.124	0.068	0.192
		Left Tilted	0.103	0.058	0.161
		Right Cheek	0.134	0.065	0.199
		Right Tilted	0.102	0.055	0.157
	B5 25RB	Left Cheek	0.107	0.068	0.175
		Left Tilted	0.088	0.058	0.146
		Right Cheek	0.114	0.065	0.179
		Right Tilted	0.086	0.055	0.141

L1L	B7 1RB	Left Cheek	0.468	0.068	0.536
		Left Tilted	0.392	0.058	0.450
		Right Cheek	0.452	0.065	0.517
		Right Tilted	0.359	0.055	0.414
	B7 50RB	Left Cheek	0.445	0.068	0.513
		Left Tilted	0.345	0.058	0.403
		Right Cheek	0.443	0.065	0.508
		Right Tilted	0.361	0.055	0.416
	B12 1RB	Left Cheek	0.118	0.068	0.186
		Left Tilted	0.098	0.058	0.156
		Right Cheek	0.128	0.065	0.193
		Right Tilted	0.097	0.055	0.152
	B12 25RB	Left Cheek	0.102	0.068	0.170
		Left Tilted	0.084	0.058	0.142
		Right Cheek	0.111	0.065	0.176
		Right Tilted	0.084	0.055	0.139
	B17 1RB	Left Cheek	0.111	0.068	0.179
		Left Tilted	0.091	0.058	0.149
		Right Cheek	0.119	0.065	0.184
		Right Tilted	0.090	0.055	0.145
	B17 25RB	Left Cheek	0.117	0.068	0.185
		Left Tilted	0.098	0.058	0.156
		Right Cheek	0.127	0.065	0.192
		Right Tilted	0.096	0.055	0.151

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
GSM	GSM850	Left Cheek	0.190	0.046	0.236
		Left Tilted	0.156	0.039	0.195
		Right Cheek	0.204	0.044	0.248
		Right Tilted	0.154	0.037	0.191
	GSM1900	Left Cheek	0.061	0.046	0.107
		Left Tilted	0.049	0.039	0.088
		Right Cheek	0.059	0.044	0.103
		Right Tilted	0.046	0.037	0.083
WCDMA	Band II	Left Cheek	0.051	0.046	0.097
		Left Tilted	0.042	0.039	0.081
		Right Cheek	0.049	0.044	0.093
		Right Tilted	0.039	0.037	0.076
	Band V	Left Cheek	0.113	0.046	0.159
		Left Tilted	0.086	0.039	0.125
		Right Cheek	0.119	0.044	0.163
		Right Tilted	0.090	0.037	0.127
LTE	B2 1RB	Left Cheek	0.053	0.046	0.099
		Left Tilted	0.043	0.039	0.082
		Right Cheek	0.051	0.044	0.095
		Right Tilted	0.041	0.037	0.078
	B2 50RB	Left Cheek	0.040	0.046	0.086
		Left Tilted	0.035	0.039	0.074
		Right Cheek	0.037	0.044	0.081
		Right Tilted	0.032	0.037	0.069
	B4 1RB	Left Cheek	0.089	0.046	0.135
		Left Tilted	0.067	0.039	0.106
		Right Cheek	0.087	0.044	0.131
		Right Tilted	0.067	0.037	0.104
	B4 50RB	Left Cheek	0.071	0.046	0.117
		Left Tilted	0.056	0.039	0.095
		Right Cheek	0.065	0.044	0.109
		Right Tilted	0.046	0.037	0.083
	B5 1RB	Left Cheek	0.124	0.046	0.170
		Left Tilted	0.103	0.039	0.142
		Right Cheek	0.134	0.044	0.178
		Right Tilted	0.102	0.037	0.139
	B5 25RB	Left Cheek	0.107	0.046	0.153
		Left Tilted	0.088	0.039	0.127
		Right Cheek	0.114	0.044	0.158
		Right Tilted	0.086	0.037	0.123

L1L	B7 1RB	Left Cheek	0.468	0.046	0.514
		Left Tilted	0.392	0.039	0.431
		Right Cheek	0.452	0.044	0.496
		Right Tilted	0.359	0.037	0.396
	B7 50RB	Left Cheek	0.445	0.046	0.491
		Left Tilted	0.345	0.039	0.384
		Right Cheek	0.443	0.044	0.487
		Right Tilted	0.361	0.037	0.398
	B12 1RB	Left Cheek	0.118	0.046	0.164
		Left Tilted	0.098	0.039	0.137
		Right Cheek	0.128	0.044	0.172
		Right Tilted	0.097	0.037	0.134
	B12 25RB	Left Cheek	0.102	0.046	0.148
		Left Tilted	0.084	0.039	0.123
		Right Cheek	0.111	0.044	0.155
		Right Tilted	0.084	0.037	0.121
	B17 1RB	Left Cheek	0.111	0.046	0.157
		Left Tilted	0.091	0.039	0.130
		Right Cheek	0.119	0.044	0.163
		Right Tilted	0.090	0.037	0.127
	B17 25RB	Left Cheek	0.117	0.046	0.163
		Left Tilted	0.098	0.039	0.137
		Right Cheek	0.127	0.044	0.171
		Right Tilted	0.096	0.037	0.133

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	0.179	0.127	0.306
		Rear	0.271	0.150	0.421
	GSM1900	Front	0.191	0.127	0.318
		Rear	0.302	0.150	0.452
WCDMA	Band II	Front	0.194	0.127	0.321
		Rear	0.478	0.150	0.628
	Band V	Front	0.117	0.127	0.244
		Rear	0.137	0.150	0.287
LTE	B2 1RB	Front	0.290	0.127	0.417
		Rear	0.407	0.150	0.557
	B2 50RB	Front	0.232	0.127	0.359
		Rear	0.327	0.150	0.477
	B4 1RB	Front	0.342	0.127	0.469
		Rear	0.480	0.150	0.630
	B4 50RB	Front	0.265	0.127	0.392
		Rear	0.373	0.150	0.523
	B5 1RB	Front	0.113	0.127	0.240
		Rear	0.160	0.150	0.310
	B5 25RB	Front	0.100	0.127	0.227
		Rear	0.140	0.150	0.290
	B7 1RB	Front	0.673	0.127	0.800
		Rear	0.946	0.150	1.096
	B7 50RB	Front	0.534	0.127	0.661
		Rear	0.674	0.150	0.824
	B12 1RB	Front	0.170	0.127	0.297
		Rear	0.239	0.150	0.389
	B12 25RB	Front	0.153	0.127	0.280
		Rear	0.215	0.150	0.365
	B17 1RB	Front	0.162	0.127	0.289
		Rear	0.228	0.150	0.378
	B17 25RB	Front	0.143	0.127	0.270
		Rear	0.201	0.150	0.351

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
GSM	GSM850	Front	0.179	0.070	0.249
		Rear	0.271	0.094	0.365
	GSM1900	Front	0.191	0.070	0.261
		Rear	0.302	0.094	0.396
WCDMA	Band II	Front	0.194	0.070	0.264
		Rear	0.478	0.094	0.572
	Band V	Front	0.117	0.070	0.187
		Rear	0.137	0.094	0.231
LTE	B2 1RB	Front	0.290	0.070	0.360
		Rear	0.407	0.094	0.501
	B2 50RB	Front	0.232	0.070	0.302
		Rear	0.327	0.094	0.421
	B4 1RB	Front	0.342	0.070	0.412
		Rear	0.480	0.094	0.574
	B4 50RB	Front	0.265	0.070	0.335
		Rear	0.373	0.094	0.467
	B5 1RB	Front	0.113	0.070	0.183
		Rear	0.160	0.094	0.254
	B5 25RB	Front	0.100	0.070	0.170
		Rear	0.140	0.094	0.234
	B7 1RB	Front	0.673	0.070	0.743
		Rear	0.946	0.094	1.040
	B7 50RB	Front	0.534	0.070	0.604
		Rear	0.674	0.094	0.768
	B12 1RB	Front	0.170	0.070	0.240
		Rear	0.239	0.094	0.333
	B12 25RB	Front	0.153	0.070	0.223
		Rear	0.215	0.094	0.309
	B17 1RB	Front	0.162	0.070	0.232
		Rear	0.228	0.094	0.322
	B17 25RB	Front	0.143	0.070	0.213
		Rear	0.201	0.094	0.295

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	0.179	0.127	0.306
		Rear	0.271	0.150	0.421
		Left side	0.166	0.092	0.258
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.110	-	0.110
	GSM1900	Front	0.191	0.127	0.318
		Rear	0.302	0.150	0.452
		Left side	0.186	0.092	0.278
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.236	-	0.236
WCDMA	Band II	Front	0.194	0.127	0.321
		Rear	0.478	0.150	0.628
		Left side	0.294	0.092	0.386
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.373	-	0.373
	Band V	Front	0.117	0.127	0.244
		Rear	0.137	0.150	0.287
		Left side	0.085	0.092	0.177
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.056	-	0.056
	B2 1RB	Front	0.290	0.127	0.417
		Rear	0.407	0.150	0.557
		Left side	0.251	0.092	0.343
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.318	-	0.318
	B2 50RB	Front	0.232	0.127	0.359
		Rear	0.327	0.150	0.477
		Left side	0.201	0.092	0.293
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.255	-	0.255
	B4 1RB	Front	0.342	0.127	0.469
		Rear	0.480	0.150	0.630
		Left side	0.295	0.092	0.387
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.375	-	0.375
	B4 50RB	Front	0.265	0.127	0.392
		Rear	0.373	0.150	0.523
		Left side	0.229	0.092	0.321
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.291	-	0.291

LTE	B5 1RB	Front	0.113	0.127	0.240
		Rear	0.160	0.150	0.310
		Left side	0.099	0.092	0.191
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.064	-	0.064
	B5 25RB	Front	0.100	0.127	0.227
		Rear	0.140	0.150	0.290
		Left side	0.086	0.092	0.178
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.057	-	0.057
	B7 1RB	Front	0.673	0.127	0.800
		Rear	0.946	0.150	1.096
		Left side	0.582	0.092	0.674
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.739	-	0.739
	B7 50RB	Front	0.534	0.127	0.661
		Rear	0.674	0.150	0.824
		Left side	0.415	0.092	0.507
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.526	-	0.526
	B12 1RB	Front	0.170	0.127	0.297
		Rear	0.239	0.150	0.389
		Left side	0.147	0.092	0.239
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.097	-	0.097
	B12 25RB	Front	0.153	0.127	0.280
		Rear	0.215	0.150	0.365
		Left side	0.133	0.092	0.225
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.088	-	0.088
	B17 1RB	Front	0.162	0.127	0.289
		Rear	0.228	0.150	0.378
		Left side	0.140	0.092	0.232
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.092	-	0.092
	B17 25RB	Front	0.143	0.127	0.270
		Rear	0.201	0.150	0.351
		Left side	0.124	0.092	0.216
		Right side	-	-	-
		Top side	-	0.122	0.122
		Bottom side	0.081	-	0.081

WWAN + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			WWAN	BT	(W/kg)
GSM	GSM850	Front	0.179	0.070	0.249
		Rear	0.271	0.094	0.365
		Left side	0.166	0.058	0.224
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.110	-	0.110
	GSM1900	Front	0.191	0.070	0.261
		Rear	0.302	0.094	0.396
		Left side	0.186	0.058	0.244
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.236	-	0.236
WCDMA	Band II	Front	0.194	0.070	0.264
		Rear	0.478	0.094	0.572
		Left side	0.294	0.058	0.352
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.373	-	0.373
	Band V	Front	0.117	0.070	0.187
		Rear	0.137	0.094	0.231
		Left side	0.085	0.058	0.143
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.056	-	0.056
	B2 1RB	Front	0.290	0.070	0.360
		Rear	0.407	0.094	0.501
		Left side	0.251	0.058	0.309
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.318	-	0.318
	B2 50RB	Front	0.232	0.070	0.302
		Rear	0.327	0.094	0.421
		Left side	0.201	0.058	0.259
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.255	-	0.255
	B4 1RB	Front	0.342	0.070	0.412
		Rear	0.480	0.094	0.574
		Left side	0.295	0.058	0.353
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.375	-	0.375
	B4 50RB	Front	0.265	0.070	0.335
		Rear	0.373	0.094	0.467
		Left side	0.229	0.058	0.287
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.291	-	0.291

LTE	B5 1RB	Front	0.113	0.070	0.183
		Rear	0.160	0.094	0.254
		Left side	0.099	0.058	0.157
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.064	-	0.064
	B5 25RB	Front	0.100	0.070	0.170
		Rear	0.140	0.094	0.234
		Left side	0.086	0.058	0.144
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.057	-	0.057
	B7 1RB	Front	0.673	0.070	0.743
		Rear	0.946	0.094	1.040
		Left side	0.582	0.058	0.640
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.739	-	0.739
	B7 50RB	Front	0.534	0.070	0.604
		Rear	0.674	0.094	0.768
		Left side	0.415	0.058	0.473
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.526	-	0.526
	B12 1RB	Front	0.170	0.070	0.240
		Rear	0.239	0.094	0.333
		Left side	0.147	0.058	0.205
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.097	-	0.097
	B12 25RB	Front	0.153	0.070	0.223
		Rear	0.215	0.094	0.309
		Left side	0.133	0.058	0.191
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.088	-	0.088
	B17 1RB	Front	0.162	0.070	0.232
		Rear	0.228	0.094	0.322
		Left side	0.140	0.058	0.198
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.092	-	0.092
	B17 25RB	Front	0.143	0.070	0.213
		Rear	0.201	0.094	0.295
		Left side	0.124	0.058	0.182
		Right side	-	-	-
		Top side	-	0.077	0.077
		Bottom side	0.081	-	0.081