

Project No.	SHT2202043706EW		
Test sample No.	YPHT22020437014	Model No.	L651
Start test date	2022/3/22	Finish date	2022/3/28
Temperature	22.4°C	Humidity	47%
Test Engineer	Bo Wang	Auditor	<i>Xiaodong Zhuo</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		31.73	31.75	31.42	32.00	-9.03	22.70	22.72	22.39	22.97
GPRS (GMSK)	1Tx slot	31.78	31.74	31.38	32.00	-9.03	22.75	22.71	22.35	22.97
	2Tx slots	30.29	30.33	29.97	30.50	-6.02	24.27	24.31	23.95	24.48
	3Tx slots	28.49	28.48	28.12	28.50	-4.26	24.23	24.22	23.86	24.24
	4Tx slots	25.96	25.93	25.59	26.00	-3.01	22.95	22.92	22.58	22.99
EGPRS (8PSK)	1Tx slot	25.14	24.98	24.86	25.50	-9.03	16.11	15.95	15.83	16.47
	2Tx slots	24.34	24.14	23.31	24.50	-6.02	18.32	18.12	17.29	18.48
	3Tx slots	22.35	21.66	21.55	22.50	-4.26	18.09	17.40	17.29	18.24
	4Tx slots	19.31	18.93	18.38	19.50	-3.01	16.30	15.92	15.37	16.49

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		27.44	27.34	27.08	27.50	-9.03	18.41	18.31	18.05	18.47
GPRS (GMSK)	1Tx slot	27.94	27.83	27.59	28.00	-9.03	18.91	18.80	18.56	18.97
	2Tx slots	26.45	26.22	25.80	26.50	-6.02	20.43	20.20	19.78	20.48
	3Tx slots	24.72	24.46	24.00	25.00	-4.26	20.46	20.20	19.74	20.74
	4Tx slots	22.38	22.15	21.72	22.50	-3.01	19.37	19.14	18.71	19.49
EGPRS (8PSK)	1Tx slot	23.79	24.12	23.53	24.50	-9.03	14.76	15.09	14.50	15.47
	2Tx slots	22.30	22.93	22.16	23.00	-6.02	16.28	16.91	16.14	16.98
	3Tx slots	20.24	20.99	19.92	21.00	-4.26	15.98	16.73	15.66	16.74
	4Tx slots	17.50	18.01	17.26	18.50	-3.01	14.49	15.00	14.25	15.49

**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		22.34	22.46	22.50	23.00
RMC 12.2K		22.37	22.49	22.53	23.00
HSDPA	Subtest-1	22.06	21.98	21.89	22.50
	Subtest-2	21.72	21.60	21.64	22.00
	Subtest-3	21.90	21.79	21.77	22.00
	Subtest-4	21.57	21.41	21.42	22.00
HSUPA	Subtest-1	19.30	19.36	19.33	19.50
	Subtest-2	19.78	19.82	19.73	20.00
	Subtest-3	20.49	20.47	20.39	20.50
	Subtest-4	19.89	19.90	19.83	20.00
	Subtest-5	22.53	22.45	22.56	23.00

WCDMA Band V		Conducted Power (dBm)			Tune-up limit (dBm)
		CH4132	CH4183	CH4233	
		826.4MHz	836.6MHz	846.6MHz	
AMR 12.2K		22.98	23.01	22.67	23.50
RMC 12.2K		23.01	23.04	22.70	23.50
HSDPA	Subtest-1	22.30	22.13	21.50	22.50
	Subtest-2	22.05	22.11	21.40	22.50
	Subtest-3	21.70	21.76	21.12	22.00
	Subtest-4	21.46	21.63	21.01	22.00
HSUPA	Subtest-1	20.26	20.40	19.97	20.50
	Subtest-2	20.39	20.55	20.15	21.00
	Subtest-3	20.94	21.13	20.75	21.50
	Subtest-4	19.93	20.00	19.75	20.50
	Subtest-5	22.17	22.27	21.81	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	21.57	21.68	21.46	22.00	
			2	21.57	21.70	21.48		
			5	21.59	21.71	21.50		
		3	0	21.55	21.63	21.57	22.00	
			1	21.59	21.76	21.54		
			3	21.47	21.73	21.54		
	6	0	21.05	21.20	20.98	21.50		
	16QAM	1	0	21.56	21.13	21.00	22.00	
			2	21.61	21.24	20.91		
			5	21.64	21.31	21.03		
		3	0	20.64	21.24	20.71	21.50	
			1	20.63	21.31	20.68		
3			20.80	21.23	20.72			
6	0	20.40	20.39	20.12	20.50			
3	QPSK	1	0	20.91	21.59	21.60	22.00	
			8	21.39	21.66	21.69		
			14	21.57	21.68	21.61		
		8	0	20.91	21.38	21.12	21.50	
			4	20.88	21.21	21.15		
			7	20.98	21.23	21.13		
	15	0	20.90	21.28	21.14	21.50		
	16QAM	1	0	20.93	21.46	21.07	22.00	
			8	21.33	21.52	21.14		
			14	21.26	21.63	21.17		
		8	0	20.21	20.51	20.51	21.00	
			4	20.24	20.46	20.50		
			7	20.25	20.47	20.47		
		15	0	20.01	20.29	20.27	20.50	
		5	QPSK	1	0	21.39	21.78	21.58
12					21.55	21.83	21.60	
24	21.69				21.86	21.65		
12	0			21.08	21.27	21.14	21.50	
	6			21.10	21.08	21.25		
	13			21.14	21.25	21.17		
25	0		20.97	21.11	21.14	21.50		
16QAM	1		0	20.94	21.33	20.49	21.50	
			12	21.00	21.31	20.59		
			24	21.32	21.35	20.61		
	12		0	20.18	20.30	20.38	20.50	
			6	20.18	20.31	20.25		
		13	20.12	20.29	20.30			
25	0	20.03	20.38	20.31	20.50			
10	QPSK	1	0	21.46	21.86	21.55	22.00	
			24	21.52	21.87	21.57		
			49	21.61	21.85	21.64		
		25	0	21.00	21.22	21.15	21.50	
			12	20.99	21.17	21.18		
			25	21.16	21.26	21.16		
	50	0	21.09	21.16	21.07	21.50		
	16QAM	1	0	20.65	21.14	20.96	21.50	
			24	20.74	21.15	20.92		
			49	20.77	21.10	21.02		
		25	0	20.23	20.47	20.18	20.50	
			12	20.23	20.47	20.26		
			25	20.39	20.41	20.28		
		50	0	20.19	20.39	20.35	20.50	

15	QPSK	1	0	21.15	21.64	21.41	22.00
			38	21.30	21.63	21.42	
			74	21.30	21.64	21.51	
		38	0	21.01	21.04	20.90	21.50
			18	21.11	21.09	20.84	
			37	21.12	21.06	20.86	
	75	0	20.92	21.13	21.14	21.50	
	16QAM	1	0	21.03	21.12	20.91	21.50
			38	21.09	21.11	20.86	
			74	21.09	21.08	20.91	
		38	0	21.01	21.10	20.86	21.50
			18	21.12	21.12	20.97	
37			21.11	21.07	20.90		
75	0	20.14	20.32	20.27	20.50		
20	QPSK	1	0	21.43	21.58	21.67	22.00
			49	21.49	21.64	21.72	
			99	21.64	21.74	21.65	
		50	0	20.89	21.00	21.08	21.50
			25	20.92	21.14	21.06	
			50	20.93	21.10	20.96	
	100	0	20.84	21.17	21.02	21.50	
	16QAM	1	0	21.28	20.82	21.15	21.50
			49	21.41	20.87	21.14	
			99	21.44	21.05	21.12	
		50	0	20.01	20.24	20.27	20.50
			25	20.02	20.24	20.28	
			50	20.07	20.39	20.20	
	100	0	20.14	20.21	20.14	20.50	

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	21.20	21.12	21.44	21.50
			2	21.45	21.25	21.43	
			5	21.16	21.19	21.41	
		3	0	21.29	21.24	21.34	21.50
			1	21.27	21.21	21.36	
			3	21.29	21.15	21.36	
	6	0	20.69	20.59	20.79	21.00	
	16QAM	1	0	21.70	20.80	21.14	22.00
			2	21.67	20.93	21.31	
			5	21.61	20.75	21.42	
		3	0	20.48	20.46	20.69	21.00
			1	20.55	20.43	20.68	
			3	20.60	20.46	20.75	
	6	0	20.13	19.79	20.10	20.50	
	3	QPSK	1	0	21.11	21.59	21.37
8				21.21	21.74	21.36	
14				21.15	21.52	21.38	
8			0	20.68	20.88	20.96	21.00
			4	20.99	20.81	20.85	
			7	20.80	20.94	20.96	
15		0	20.78	20.82	20.80	21.00	
16QAM		1	0	20.79	20.77	20.69	21.00
			8	20.83	20.82	20.69	
			14	20.71	20.83	20.64	
		8	0	20.08	19.96	20.20	20.50
			4	20.05	19.98	20.20	
			7	19.98	20.06	20.21	
15		0	19.89	20.01	19.95	20.50	
5		QPSK	1	0	21.22	21.47	21.53
	12			21.10	21.43	21.52	
	24			21.12	21.47	21.48	
	12		0	20.76	20.86	21.02	21.50
			6	20.83	20.90	20.92	
			13	20.77	20.88	20.97	
	25	0	20.72	20.87	20.89	21.00	
	16QAM	1	0	21.10	20.94	20.44	21.50
			12	20.98	20.92	20.49	
			24	20.95	20.97	20.49	
		12	0	20.04	19.95	20.10	20.50
			6	19.95	20.00	20.11	
			13	19.90	20.01	20.08	
	25	0	19.80	20.08	20.20	20.50	
	10	QPSK	1	0	21.25	21.32	21.36
24				21.23	21.35	21.43	
49				21.29	21.43	21.50	
25			0	20.67	20.76	20.84	21.00
			12	20.67	20.80	20.90	
			25	20.81	20.86	20.87	
50		0	20.73	20.78	20.87	21.00	
16QAM		1	0	21.25	21.36	21.46	22.00
			24	21.37	21.42	21.61	
			49	21.29	21.36	21.21	
		25	0	19.95	19.97	20.04	20.50
			12	19.94	20.01	20.08	
			25	20.01	20.08	20.10	
50		0	19.91	19.99	20.06	20.50	

15	QPSK	1	0	21.20	21.20	21.17	22.00	
			38	21.15	21.39	21.37		
			74	21.19	21.39	21.63		
		38	0	21.09	21.41	20.72	21.50	
			18	21.06	20.78	20.84		
			37	21.04	20.80	20.83		
		75	0	20.74	20.88	20.86	21.00	
		16QAM	1	0	21.07	21.29	20.70	21.50
				38	21.07	21.41	20.81	
	74			21.03	21.37	20.80		
	38		0	21.08	20.74	20.75	21.50	
			18	21.06	20.77	20.83		
			37	21.10	20.82	20.81		
	75	0	20.04	20.01	20.11	20.50		
	20	QPSK	1	0	20.71	21.13	21.49	22.00
49				21.27	21.30	21.63		
99				21.46	21.33	21.53		
50			0	20.71	20.71	20.73	21.00	
			25	20.76	20.70	20.79		
			50	20.76	20.80	20.78		
100			0	20.75	20.75	20.88	21.00	
16QAM			1	0	20.83	20.61	20.31	21.00
				49	20.69	20.71	20.34	
		99		20.77	20.74	20.36		
		50	0	19.89	19.93	19.96	20.50	
			25	19.85	20.02	20.02		
			50	19.91	20.04	20.03		
100		0	19.94	19.85	19.92	20.00		

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	22.05	22.19	21.80	22.50
			2	22.02	22.21	21.86	
			5	22.05	22.22	21.81	
		3	0	22.02	22.04	21.75	22.50
			1	22.03	22.04	21.73	
			3	22.01	22.04	21.66	
	6	0	21.49	21.53	21.28	22.00	
	16QAM	1	0	22.27	21.31	21.99	22.50
			2	22.27	21.35	22.07	
			5	22.29	21.58	22.02	
		3	0	21.31	21.28	21.00	21.50
			1	21.30	21.28	21.01	
			3	21.30	21.28	21.06	
	6	0	20.76	21.01	20.49	21.50	
	3	QPSK	1	0	22.27	22.16	21.87
8				22.24	22.13	21.84	
14				22.22	22.16	21.87	
8			0	21.51	21.58	21.27	22.00
			4	21.50	21.57	21.19	
			7	21.73	21.60	21.26	
15		0	21.51	21.57	21.32	22.00	
16QAM		1	0	21.32	21.66	21.93	22.00
			8	21.32	21.58	21.95	
			14	21.38	21.57	21.90	
		8	0	20.65	20.67	20.41	21.50
			4	20.72	20.64	20.41	
			7	20.76	21.04	20.48	
15		0	20.42	21.08	20.40	21.50	
5		QPSK	1	0	22.16	22.00	21.76
	12			22.24	22.05	21.72	
	24			22.16	22.13	21.75	
	12		0	21.56	21.60	21.27	22.00
			6	21.56	21.61	21.26	
			13	21.58	21.59	21.25	
	25	0	21.67	21.55	21.22	22.00	
	16QAM	1	0	21.33	20.96	20.69	21.50
			12	21.32	20.91	20.63	
			24	21.24	21.04	20.61	
		12	0	20.49	20.65	20.27	21.00
			6	20.51	20.69	20.32	
			13	20.44	20.98	20.33	
	25	0	20.69	21.07	20.35	21.50	
	10	QPSK	1	0	22.03	21.94	21.81
24				22.12	21.98	21.78	
49				22.11	22.13	21.75	
25			0	21.77	21.74	21.37	22.00
			12	21.68	21.60	21.38	
			25	21.55	21.64	21.23	
50		0	21.60	21.54	21.21	22.00	
16QAM		1	0	21.48	21.49	21.29	22.00
			24	21.51	21.31	21.20	
			49	21.56	21.34	21.25	
		25	0	20.66	20.80	20.26	21.00
			12	20.64	20.78	20.24	
			25	20.67	20.79	20.24	
50		0	20.74	21.09	20.77	21.50	



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	20.84	20.94	21.06	21.50	
			12	20.94	21.03	20.96		
			24	20.85	21.04	21.04		
		12	0	20.16	20.62	20.51	21.00	
			6	20.33	20.60	20.36		
			13	20.35	20.61	20.38		
	25	0	20.28	20.63	20.38	21.00		
	16QAM	1	0	19.70	20.35	20.39	21.00	
			12	19.85	20.50	20.37		
			24	19.87	20.55	20.07		
		12	0	19.31	19.69	19.55	20.00	
			6	19.35	19.72	19.43		
			13	19.42	19.63	19.43		
		25	0	19.47	19.62	19.56	20.00	
		10	QPSK	1	0	20.35	20.98	20.94
24					20.84	20.96	20.96	
49	20.95				21.02	21.04		
25	0			20.42	20.51	20.50	21.00	
	12			20.42	20.52	20.56		
	25			20.34	20.40	20.55		
50	0		20.37	20.56	20.63	21.00		
16QAM	1		0	20.25	20.48	20.33	21.00	
			24	20.31	20.53	20.42		
			49	20.26	20.51	20.42		
	25		0	19.59	19.72	19.62	20.00	
			12	19.59	19.71	19.68		
			25	19.70	19.70	19.66		
	50		0	19.57	19.72	19.76	20.00	
	15		QPSK	1	0	20.85	20.90	20.97
		38			20.84	21.03	21.02	
74		20.98			21.11	21.04		
38		0		20.69	21.08	20.51	21.50	
		18		20.76	21.18	20.57		
		37		20.79	21.13	20.66		
75		0	20.39	20.42	20.50	21.00		
16QAM		1	0	20.72	21.09	20.37	21.50	
			38	20.71	21.15	20.39		
			74	20.74	21.15	20.69		
		38	0	20.75	21.08	20.53	21.50	
			18	20.76	21.14	20.53		
			37	20.76	21.19	20.63		
		75	0	19.57	19.65	19.65	20.00	
		20	QPSK	1	0	21.00	21.09	21.07
	49				21.13	21.15	21.15	
99	21.23				21.22	21.25		
50	0			20.31	20.39	20.57	21.00	
	25			20.26	20.41	20.47		
	50			20.35	20.56	20.56		
100	0		20.39	20.48	20.58	21.00		
16QAM	1		0	20.68	20.50	20.32	21.00	
			49	20.69	20.56	20.39		
			99	20.80	20.58	20.49		
	50		0	19.43	19.56	19.72	20.00	
			25	19.47	19.68	19.76		
			50	19.51	19.61	19.78		
	100		0	19.59	19.66	19.68	20.00	

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	21.81	21.55	21.81	22.00	
			12	21.65	21.68	21.75		
			24	21.72	21.69	21.94		
		12	0	21.28	21.18	21.14	22.00	
			6	21.18	21.17	21.36		
			13	21.21	21.17	21.63		
		25	0	21.30	21.11	21.33	21.50	
		16QAM	1	0	20.62	21.34	20.95	21.50
				12	20.54	21.12	20.89	
	24			20.62	21.05	21.01		
	12		0	20.12	20.18	20.13	21.00	
			6	20.17	20.27	20.33		
			13	20.22	20.16	20.63		
	25	0	20.41	20.17	20.69	21.00		
	10	QPSK	1	0	21.84	21.78	21.66	22.00
24				21.90	21.68	21.68		
49				21.78	21.90	21.83		
25			0	21.17	21.28	21.24	21.50	
			12	21.16	21.17	21.28		
			25	21.25	21.19	21.11		
50			0	21.27	21.16	21.26	21.50	
16QAM			1	0	20.98	21.65	21.06	22.00
				24	20.98	21.69	20.89	
		49		20.97	21.87	20.87		
		25	0	20.42	20.27	20.17	20.50	
			12	20.40	20.28	20.20		
			25	20.47	20.31	20.16		
		50	0	20.27	20.23	20.25	20.50	

**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	15.47	13.30	13.50
	6	2437	16.35	14.24	14.50
	11	2462	17.45	15.59	16.00
802.11g	1	2412	15.30	11.58	12.00
	6	2437	16.35	12.68	13.00
	11	2462	17.81	14.11	14.50
802.11n (HT20)	1	2412	14.59	11.46	11.50
	6	2437	15.70	12.42	12.50
	11	2462	17.15	14.02	14.50

Bluetooth						
Mode		Channel	Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)	Tune-up limit (dBm)
EDR	GFSK	0	2402	5.06	4.99	5.00
		39	2441	5.78	5.75	6.00
		78	2480	4.24	4.20	4.50
	$\pi/4$ QPSK	0	2402	4.79	4.15	4.50
		39	2441	6.15	5.49	5.50
		78	2480	4.57	4.02	4.50
	8DPSK	0	2402	5.02	4.33	4.50
		39	2441	6.43	5.76	6.00
		78	2480	4.77	4.21	4.50
BLE	GFSK	0	2402	-3.31	-3.38	-3.00
		19	2440	0.16	0.08	0.50
		39	2480	-0.70	-0.76	-0.50

**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 2Tx slots	Left-Cheek	128	824.2	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	-0.05	0.106	0.110	-
		251	848.8	29.97	30.50	1.130	-	-	-	-
	Left-Tilt	128	824.2	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	0.06	0.081	0.084	-
		251	848.8	29.97	30.50	1.130	-	-	-	-
	Right-Cheek	128	824.2	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	0.12	0.114	0.119	1
		251	848.8	29.97	30.50	1.130	-	-	-	-
	Right-Tilt	128	824.2	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	-0.03	0.086	0.089	-
		251	848.8	29.97	30.50	1.130	-	-	-	-

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	24.72	25.00	1.067	0.17	0.038	0.041	2
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-
	Left-Tilt	512	1850.2	24.72	25.00	1.067	0.12	0.031	0.033	-
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-
	Right-Cheek	512	1850.2	24.72	25.00	1.067	-0.09	0.037	0.039	-
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-
	Right-Tilt	512	1850.2	24.72	25.00	1.067	-0.11	0.029	0.031	-
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-

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	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	-0.16	0.106	0.118	3
	Left-Tilt	9262	1852.4	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	-0.13	0.087	0.097	-
	Right-Cheek	9262	1852.4	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	-0.22	0.101	0.113	-
	Right-Tilt	9262	1852.4	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	0.07	0.081	0.090	-

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	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	-0.06	0.094	0.105	-
		4233	846.6	22.70	23.50	1.202	-	-	-	-
	Left-Tilt	4132	826.4	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	0.07	0.072	0.080	-
		4233	846.6	22.70	23.50	1.202	-	-	-	-
	Right-Cheek	4132	826.4	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	0.14	0.101	0.112	4
		4233	846.6	22.70	23.50	1.202	-	-	-	-
	Right-Tilt	4132	826.4	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	-0.03	0.076	0.084	-
		4233	846.6	22.70	23.50	1.202	-	-	-	-

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	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	-0.14	0.099	0.105	5
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
	Left-Tilt	18700	1860.0	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	0.10	0.081	0.086	-
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
	Right-Cheek	18700	1860.0	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	0.06	0.096	0.102	-
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
	Right-Tilt	18700	1860.0	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	-0.08	0.077	0.082	-
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
20M QPSK 50RB	Left-Cheek	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	-0.05	0.084	0.091	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-
	Left-Tilt	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	0.03	0.074	0.080	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-
	Right-Cheek	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	0.02	0.078	0.084	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-
	Right-Tilt	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	-0.02	0.066	0.072	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-

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	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	-0.10	0.086	0.094	6
	Left-Tilt	20050	1720.0	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	0.01	0.064	0.070	-
	Right-Cheek	20050	1720.0	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	0.05	0.084	0.091	-
	Right-Tilt	20050	1720.0	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	-0.03	0.065	0.071	-
20M QPSK 50RB	Left-Cheek	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	-0.06	0.075	0.079	-
	Left-Tilt	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	0.05	0.059	0.062	-
	Right-Cheek	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	0.00	0.072	0.076	-
	Right-Tilt	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	-0.03	0.051	0.054	-

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	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	0.04	0.085	0.093	-
		20600	844.0	21.75	22.50	1.189	-	-	-	-
	Left-Tilt	20450	829.0	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	-0.04	0.065	0.071	-
		20600	844.0	21.75	22.50	1.189	-	-	-	-
	Right-Cheek	20450	829.0	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	-0.08	0.092	0.100	7
		20600	844.0	21.75	22.50	1.189	-	-	-	-
	Right-Tilt	20450	829.0	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	0.02	0.070	0.076	-
		20600	844.0	21.75	22.50	1.189	-	-	-	-
10M QPSK 25RB	Left-Cheek	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	0.05	0.070	0.076	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-
	Left-Tilt	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	-0.06	0.054	0.059	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-
	Right-Cheek	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	-0.10	0.076	0.083	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-
	Right-Tilt	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	0.03	0.058	0.063	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-

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	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	0.05	0.054	0.058	8
		21350	2560.0	21.25	21.50	1.059	-	-	-	-
	Left-Tilt	20850	2510.0	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	0.03	0.045	0.048	-
		21350	2560.0	21.25	21.50	1.059	-	-	-	-
	Right-Cheek	20850	2510.0	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	-0.04	0.052	0.056	-
		21350	2560.0	21.25	21.50	1.059	-	-	-	-
	Right-Tilt	20850	2510.0	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	0.02	0.041	0.044	-
		21350	2560.0	21.25	21.50	1.059	-	-	-	-
20M QPSK 50RB	Left-Cheek	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	-0.08	0.045	0.052	-
		21350	2560.0	20.57	21.00	1.104	-	-	-	-
	Left-Tilt	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	0.05	0.035	0.040	-
		21350	2560.0	20.57	21.00	1.104	-	-	-	-
	Right-Cheek	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	-0.04	0.045	0.052	-
		21350	2560.0	20.57	21.00	1.104	-	-	-	-
	Right-Tilt	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	-0.05	0.037	0.042	-
		21350	2560.0	20.57	21.00	1.104	-	-	-	-



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	21.90	22.00	1.023	-0.04	0.082	0.084	-
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
	Left-Tilt	23780	709.0	21.90	22.00	1.023	0.04	0.063	0.064	-
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
	Right-Cheek	23780	709.0	21.90	22.00	1.023	0.08	0.088	0.090	9
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
	Right-Tilt	23780	709.0	21.90	22.00	1.023	-0.02	0.067	0.069	-
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
10M QPSK 25RB	Left-Cheek	23780	709.0	21.25	21.50	1.059	-0.03	0.065	0.069	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-
	Left-Tilt	23780	709.0	21.25	21.50	1.059	0.03	0.050	0.053	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-
	Right-Cheek	23780	709.0	21.25	21.50	1.059	0.06	0.070	0.074	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-
	Right-Tilt	23780	709.0	21.25	21.50	1.059	-0.02	0.053	0.056	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-

WIFI 2.4G												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11b 1Mbps	Left-Cheek	1	2412	13.30	13.50	1.047	99.20%	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	99.20%	1.008	-0.15	0.544	0.582	10
		11	2462	15.59	16.00	1.099	99.20%	1.008	-	-	-	-
	Left-Tilt	1	2412	13.30	13.50	1.047	99.20%	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	99.20%	1.008	0.20	0.461	0.493	-
		11	2462	15.59	16.00	1.099	99.20%	1.008	-	-	-	-
	Right-Cheek	1	2412	13.30	13.50	1.047	99.20%	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	99.20%	1.008	0.08	0.523	0.560	-
		11	2462	15.59	16.00	1.099	99.20%	1.008	-	-	-	-
	Right-Tilt	1	2412	13.30	13.50	1.047	99.20%	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	99.20%	1.008	-0.11	0.439	0.470	-
		11	2462	15.59	16.00	1.099	99.20%	1.008	-	-	-	-

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	4.99	5.00	1.002	77.18%	1.296	-	-	-	-
		39	2441	5.75	6.00	1.059	77.18%	1.296	-0.10	0.064	0.088	11
		78	2480	4.20	4.50	1.072	77.18%	1.296	-	-	-	-
	Left-Tilt	0	2402	4.99	5.00	1.002	77.18%	1.296	-	-	-	-
		39	2441	5.75	6.00	1.059	77.18%	1.296	0.14	0.054	0.074	-
		78	2480	4.20	4.50	1.072	77.18%	1.296	-	-	-	-
	Right-Cheek	0	2402	4.99	5.00	1.002	77.18%	1.296	-	-	-	-
		39	2441	5.75	6.00	1.059	77.18%	1.296	0.05	0.062	0.084	-
		78	2480	4.20	4.50	1.072	77.18%	1.296	-	-	-	-
	Right-Tilt	0	2402	4.99	5.00	1.002	77.18%	1.296	-	-	-	-
		39	2441	5.75	6.00	1.059	77.18%	1.296	-0.07	0.052	0.071	-
		78	2480	4.20	4.50	1.072	77.18%	1.296	-	-	-	-

**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	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	0.02	0.095	0.099	-
		251	848.8	29.97	30.50	1.130	-	-	-	-
	Rear	128	824.2	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	-0.05	0.144	0.150	12
		251	848.8	29.97	30.50	1.130	-	-	-	-

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	24.72	25.00	1.067	0.08	0.088	0.094	-
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-
	Rear	512	1850.2	24.72	25.00	1.067	-0.11	0.139	0.148	13
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-

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	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	-0.09	0.344	0.383	-
	Rear	9262	1852.4	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	-0.18	0.517	0.576	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	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	0.01	0.085	0.094	-
		4233	846.6	22.70	23.50	1.202	-	-	-	-
	Rear	4132	826.4	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	-0.03	0.112	0.125	15
		4233	846.6	22.70	23.50	1.202	-	-	-	-

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	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	-0.02	0.418	0.444	-
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
	Rear	18700	1860.0	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	0.06	0.587	0.623	16
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
20M QPSK 50RB	Front	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	0.03	0.322	0.350	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-
	Rear	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	-0.08	0.452	0.491	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-

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	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	0.05	0.265	0.289	-
	Rear	20050	1720.0	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	-0.12	0.372	0.405	17
20M QPSK 50RB	Front	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	0.04	0.203	0.213	-
	Rear	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	-0.10	0.285	0.299	-

LTE Band 5										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	20450	829.0	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	-0.01	0.079	0.086	-
		20600	844.0	21.75	22.50	1.189	-	-	-	-
	Rear	20450	829.0	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	0.02	0.111	0.121	18
		20600	844.0	21.75	22.50	1.189	-	-	-	-
10M QPSK 25RB	Front	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	0.02	0.068	0.074	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-
	Rear	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	-0.05	0.095	0.103	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-

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	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	-	-	-	-
		21350	2560.0	21.25	21.50	1.059	-0.02	0.092	0.097	-
	Rear	20850	2510.0	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	-	-	-	-
		21350	2560.0	21.25	21.50	1.059	0.06	0.129	0.137	19
20M QPSK 50RB	Front	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	-	-	-	-
		21350	2560.0	20.57	21.00	1.104	0.03	0.073	0.081	-
	Rear	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	-	-	-	-
		21350	2560.0	20.57	21.00	1.104	-0.09	0.102	0.113	-

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	21.90	22.00	1.023	-0.01	0.075	0.077	-
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
	Rear	23780	709.0	21.90	22.00	1.023	0.02	0.106	0.108	20
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
10M QPSK 25RB	Front	23780	709.0	21.25	21.50	1.059	-0.03	0.059	0.062	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-
	Rear	23780	709.0	21.25	21.50	1.059	0.09	0.083	0.088	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-

WIFI 2.4G												
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Duty Cycle	Duty Cycle Scaling Factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz							(W/kg)	(W/kg)	
802.11b 1Mbps	Front	1	2412	13.30	13.50	1.047	0.992	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	0.992	1.008	-	-	-	-
		11	2462	15.59	16.00	1.099	0.992	1.008	0.11	0.186	0.206	-
	Rear	1	2412	13.30	13.50	1.047	0.992	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	0.992	1.008	-	-	-	-
		11	2462	15.59	16.00	1.099	0.992	1.008	0.17	0.259	0.287	21

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	4.99	5.00	1.002	0.772	1.296	-	-	-	-
		39	2441	5.75	6.00	1.059	0.772	1.296	-0.12	0.061	0.084	-
		78	2480	4.20	4.50	1.072	0.772	1.296	-	-	-	-
	Rear	0	2402	4.99	5.00	1.002	0.772	1.296	-	-	-	-
		39	2441	5.75	6.00	1.059	0.772	1.296	0.07	0.089	0.122	22
		78	2480	4.20	4.50	1.072	0.772	1.296	-	-	-	-

**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	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	0.02	0.095	0.099	-
		251	848.8	29.97	30.50	1.130	-	-	-	-
	Rear	128	824.2	30.29	30.50	1.050	-	-	-	-
		190	836.6	30.33	30.50	1.040	-0.05	0.144	0.150	12
		251	848.8	29.97	30.50	1.130	-	-	-	-
	Left	190	836.6	30.33	30.50	1.040	0.03	0.089	0.093	-
	Right	190	836.6	30.33	30.50	1.040	-0.02	0.085	0.088	-
	Top	190	836.6	30.33	30.50	1.040	-	-	-	-
Bottom	190	836.6	30.33	30.50	1.040	-0.02	0.059	0.061	-	

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	24.72	25.00	1.067	0.08	0.088	0.094	-
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-
	Rear	512	1850.2	24.72	25.00	1.067	-0.11	0.139	0.148	13
		661	1880.0	24.46	25.00	1.132	-	-	-	-
		810	1909.8	24.00	25.00	1.259	-	-	-	-
	Left	512	1850.2	24.72	25.00	1.067	0.06	0.086	0.092	-
	Right	512	1850.2	24.72	25.00	1.067	-0.04	0.082	0.087	-
	Top	512	1850.2	24.72	25.00	1.067	-	-	-	-
Bottom	512	1850.2	24.72	25.00	1.067	-0.04	0.108	0.115	-	

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	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	-0.09	0.344	0.383	-
	Rear	9262	1852.4	22.37	23.00	1.156	-	-	-	-
		9400	1880.0	22.49	23.00	1.125	-	-	-	-
		9538	1907.6	22.53	23.00	1.114	-0.18	0.517	0.576	14
	Left	9538	1907.6	22.53	23.00	1.114	0.10	0.318	0.354	-
	Right	9538	1907.6	22.53	23.00	1.114	-0.06	0.304	0.339	-
	Top	9538	1907.6	22.53	23.00	1.114	-	-	-	-
Bottom	9538	1907.6	22.53	23.00	1.114	-0.07	0.404	0.450	-	

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	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	0.01	0.085	0.094	-
		4233	846.6	22.70	23.50	1.202	-	-	-	-
	Rear	4132	826.4	23.01	23.50	1.119	-	-	-	-
		4183	836.6	23.04	23.50	1.112	-0.03	0.112	0.125	15
		4233	846.6	22.70	23.50	1.202	-	-	-	-
	Left	4183	836.6	23.04	23.50	1.112	0.02	0.069	0.077	-
	Right	4183	836.6	23.04	23.50	1.112	-0.01	0.066	0.073	-
	Top	4183	836.6	23.04	23.50	1.112	-	-	-	-
Bottom	4183	836.6	23.04	23.50	1.112	-0.01	0.045	0.050	-	

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	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	-0.02	0.418	0.444	-
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
	Rear	18700	1860.0	21.64	22.00	1.086	-	-	-	-
		18900	1880.0	21.74	22.00	1.062	0.06	0.587	0.623	16
		19100	1900.0	21.65	22.00	1.084	-	-	-	-
	Left	18900	1880.0	21.74	22.00	1.062	-0.03	0.361	0.383	-
	Right	18900	1880.0	21.74	22.00	1.062	0.02	0.345	0.366	-
	Top	18900	1880.0	21.74	22.00	1.062	-	-	-	-
Bottom	18900	1880.0	21.74	22.00	1.062	0.02	0.458	0.486	-	
20M QPSK 50RB	Front	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	0.03	0.322	0.350	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-
	Rear	18700	1860.0	20.92	21.50	1.143	-	-	-	-
		18900	1880.0	21.14	21.50	1.086	-0.08	0.452	0.491	-
		19100	1900.0	21.06	21.50	1.107	-	-	-	-
	Left	18900	1880.0	21.14	21.50	1.086	0.05	0.278	0.302	-
	Right	18900	1880.0	21.14	21.50	1.086	-0.03	0.266	0.289	-
	Top	18900	1880.0	21.14	21.50	1.086	-	-	-	-
Bottom	18900	1880.0	21.14	21.50	1.086	-0.03	0.353	0.384	-	



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	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	0.05	0.265	0.289	-
	Rear	20050	1720.0	21.27	22.00	1.183	-	-	-	-
		20175	1732.5	21.30	22.00	1.175	-	-	-	-
		20300	1745.0	21.63	22.00	1.089	-0.12	0.372	0.405	17
	Left	20300	1745.0	21.63	22.00	1.089	0.07	0.229	0.249	-
	Right	20300	1745.0	21.63	22.00	1.089	-0.04	0.219	0.238	-
	Top	20300	1745.0	21.63	22.00	1.089	-	-	-	-
Bottom	20300	1745.0	21.63	22.00	1.089	-0.04	0.290	0.316	-	
20M QPSK 50RB	Front	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	0.04	0.203	0.213	-
	Rear	20050	1720.0	20.76	21.00	1.057	-	-	-	-
		20175	1732.5	20.70	21.00	1.072	-	-	-	-
		20300	1745.0	20.79	21.00	1.050	-0.10	0.285	0.299	-
	Left	20300	1745.0	20.79	21.00	1.050	0.06	0.175	0.184	-
	Right	20300	1745.0	20.79	21.00	1.050	-0.04	0.168	0.176	-
	Top	20300	1745.0	20.79	21.00	1.050	-	-	-	-
Bottom	20300	1745.0	20.79	21.00	1.050	-0.04	0.222	0.233	-	

LTE Band 5										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
10M QPSK 1RB	Front	20450	829.0	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	-0.01	0.079	0.086	-
		20600	844.0	21.75	22.50	1.189	-	-	-	-
	Rear	20450	829.0	22.11	22.50	1.094	-	-	-	-
		20525	836.5	22.13	22.50	1.089	0.02	0.111	0.121	18
		20600	844.0	21.75	22.50	1.189	-	-	-	-
	Left	20525	836.5	22.13	22.50	1.089	-0.01	0.068	0.074	-
	Right	20525	836.5	22.13	22.50	1.089	0.01	0.065	0.071	-
	Top	20525	836.5	22.13	22.50	1.089	-	-	-	-
Bottom	20525	836.5	22.13	22.50	1.089	0.01	0.045	0.049	-	
10M QPSK 25RB	Front	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	0.02	0.068	0.074	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-
	Rear	20450	829.0	21.55	22.00	1.109	-	-	-	-
		20525	836.5	21.64	22.00	1.086	-0.05	0.095	0.103	-
		20600	844.0	21.23	22.00	1.194	-	-	-	-
	Left	20525	836.5	21.64	22.00	1.086	0.03	0.058	0.063	-
	Right	20525	836.5	21.64	22.00	1.086	-0.02	0.056	0.061	-
	Top	20525	836.5	21.64	22.00	1.086	-	-	-	-
Bottom	20525	836.5	21.64	22.00	1.086	-0.02	0.039	0.042	-	

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	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	-	-	-	-
		21350	2560.0	21.25	21.50	1.059	-0.02	0.092	0.097	-
	Rear	20850	2510.0	21.23	21.50	1.064	-	-	-	-
		21100	2535.0	21.22	21.50	1.067	-	-	-	-
		21350	2560.0	21.25	21.50	1.059	0.06	0.129	0.137	19
	Left	21350	2560.0	21.25	21.50	1.059	-0.03	0.079	0.084	-
	Right	21350	2560.0	21.25	21.50	1.059	0.02	0.076	0.081	-
	Top	21350	2560.0	21.25	21.50	1.059	-	-	-	-
Bottom	21350	2560.0	21.25	21.50	1.059	0.02	0.101	0.107	-	
20M QPSK 50RB	Front	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	-	-	-	-
		21350	2560.0	20.57	21.00	1.104	0.03	0.073	0.081	-
	Rear	20850	2510.0	20.31	21.00	1.172	-	-	-	-
		21100	2535.0	20.39	21.00	1.151	-	-	-	-
		21350	2560.0	20.57	21.00	1.104	-0.09	0.102	0.113	-
	Left	21350	2560.0	20.57	21.00	1.104	0.05	0.063	0.070	-
	Right	21350	2560.0	20.57	21.00	1.104	-0.03	0.060	0.066	-
	Top	21350	2560.0	20.57	21.00	1.104	-	-	-	-
Bottom	21350	2560.0	20.57	21.00	1.104	-0.03	0.080	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	21.90	22.00	1.023	-0.01	0.075	0.077	-
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
	Rear	23780	709.0	21.90	22.00	1.023	0.02	0.106	0.108	20
		23790	710.0	21.68	22.00	1.076	-	-	-	-
		23800	711.0	21.68	22.00	1.076	-	-	-	-
	Left	23780	709.0	21.90	22.00	1.023	-0.01	0.065	0.067	-
	Right	23780	709.0	21.90	22.00	1.023	0.01	0.062	0.063	-
	Top	23780	709.0	21.90	22.00	1.023	-	-	-	-
Bottom	23780	709.0	21.90	22.00	1.023	0.01	0.043	0.044	-	
10M QPSK 25RB	Front	23780	709.0	21.25	21.50	1.059	-0.03	0.059	0.062	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-
	Rear	23780	709.0	21.25	21.50	1.059	0.09	0.083	0.088	-
		23790	710.0	21.19	21.50	1.074	-	-	-	-
		23800	711.0	21.11	21.50	1.094	-	-	-	-
	Left	23780	709.0	21.25	21.50	1.059	-0.05	0.051	0.054	-
	Right	23780	709.0	21.25	21.50	1.059	0.03	0.049	0.052	-
	Top	23780	709.0	21.25	21.50	1.059	-	-	-	-
Bottom	23780	709.0	21.25	21.50	1.059	0.03	0.034	0.036	-	

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	13.30	13.50	1.047	0.992	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	0.992	1.008	-	-	-	-
		11	2462	15.59	16.00	1.099	0.992	1.008	0.11	0.186	0.206	-
	Rear	1	2412	13.30	13.50	1.047	0.992	1.008	-	-	-	-
		6	2437	14.24	14.50	1.062	0.992	1.008	-	-	-	-
		11	2462	15.59	16.00	1.099	0.992	1.008	0.17	0.259	0.287	21
	Left	11	2462	15.59	16.00	1.099	0.992	1.008	-	-	-	-
	Right	11	2462	15.59	16.00	1.099	0.992	1.008	0.06	0.152	0.168	-
	Top	11	2462	15.59	16.00	1.099	0.992	1.008	0.02	0.187	0.207	-
	Bottom	11	2462	15.59	16.00	1.099	0.992	1.008	-	-	-	-

**Appendix C: Simultaneous Transmission analysis-Head**

PCE + WLAN DTS					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	WLAN DTS	(W/kg)
GSM	GSM850	Left Cheek	0.110	0.582	0.692
		Left Tilted	0.084	0.493	0.577
		Right Cheek	0.119	0.560	0.679
		Right Tilted	0.089	0.470	0.559
	GSM1900	Left Cheek	0.041	0.582	0.623
		Left Tilted	0.033	0.493	0.526
		Right Cheek	0.039	0.560	0.599
		Right Tilted	0.031	0.470	0.501
WCDMA	Band II	Left Cheek	0.118	0.582	0.700
		Left Tilted	0.097	0.493	0.590
		Right Cheek	0.113	0.560	0.673
		Right Tilted	0.090	0.470	0.560
	Band V	Left Cheek	0.105	0.582	0.687
		Left Tilted	0.080	0.493	0.573
		Right Cheek	0.112	0.560	0.672
		Right Tilted	0.084	0.470	0.554
LTE	B2 1RB	Left Cheek	0.105	0.582	0.687
		Left Tilted	0.086	0.493	0.579
		Right Cheek	0.102	0.560	0.662
		Right Tilted	0.082	0.470	0.552
	B2 50RB	Left Cheek	0.091	0.582	0.673
		Left Tilted	0.080	0.493	0.573
		Right Cheek	0.084	0.560	0.644
		Right Tilted	0.072	0.470	0.542
	B4 1RB	Left Cheek	0.094	0.582	0.676
		Left Tilted	0.070	0.493	0.563
		Right Cheek	0.091	0.560	0.651
		Right Tilted	0.071	0.470	0.541
	B4 50RB	Left Cheek	0.079	0.582	0.661
		Left Tilted	0.062	0.493	0.555
		Right Cheek	0.076	0.560	0.636
		Right Tilted	0.054	0.470	0.524
	B5 1RB	Left Cheek	0.093	0.582	0.675
		Left Tilted	0.071	0.493	0.564
		Right Cheek	0.100	0.560	0.660
		Right Tilted	0.076	0.470	0.546
	B5 25RB	Left Cheek	0.076	0.582	0.658
		Left Tilted	0.059	0.493	0.552
		Right Cheek	0.083	0.560	0.643
		Right Tilted	0.063	0.470	0.533

	B7 1RB	Left Cheek	0.058	0.582	0.640
		Left Tilted	0.048	0.493	0.541
		Right Cheek	0.056	0.560	0.616
		Right Tilted	0.044	0.470	0.514
	B7 50RB	Left Cheek	0.052	0.582	0.634
		Left Tilted	0.040	0.493	0.533
		Right Cheek	0.052	0.560	0.612
		Right Tilted	0.042	0.470	0.512
	B17 1RB	Left Cheek	0.084	0.582	0.666
		Left Tilted	0.064	0.493	0.557
		Right Cheek	0.090	0.560	0.650
		Right Tilted	0.069	0.470	0.539
	B17 25RB	Left Cheek	0.069	0.582	0.651
		Left Tilted	0.053	0.493	0.546
		Right Cheek	0.074	0.560	0.634
		Right Tilted	0.056	0.470	0.526

PCE + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	BT	(W/kg)
GSM	GSM850	Left Cheek	0.110	0.088	0.198
		Left Tilted	0.084	0.074	0.158
		Right Cheek	0.119	0.084	0.203
		Right Tilted	0.089	0.071	0.160
	GSM1900	Left Cheek	0.041	0.088	0.129
		Left Tilted	0.033	0.074	0.107
		Right Cheek	0.039	0.084	0.123
		Right Tilted	0.031	0.071	0.102
WCDMA	Band II	Left Cheek	0.118	0.088	0.206
		Left Tilted	0.097	0.074	0.171
		Right Cheek	0.113	0.084	0.197
		Right Tilted	0.090	0.071	0.161
	Band V	Left Cheek	0.105	0.088	0.193
		Left Tilted	0.080	0.074	0.154
		Right Cheek	0.112	0.084	0.196
		Right Tilted	0.084	0.071	0.155
LTE	B2 1RB	Left Cheek	0.105	0.088	0.193
		Left Tilted	0.086	0.074	0.160
		Right Cheek	0.102	0.084	0.186
		Right Tilted	0.082	0.071	0.153
	B2 50RB	Left Cheek	0.091	0.088	0.179
		Left Tilted	0.080	0.074	0.154
		Right Cheek	0.084	0.084	0.168
		Right Tilted	0.072	0.071	0.143
	B4 1RB	Left Cheek	0.094	0.088	0.182
		Left Tilted	0.070	0.074	0.144
		Right Cheek	0.091	0.084	0.175
		Right Tilted	0.071	0.071	0.142
	B4 50RB	Left Cheek	0.079	0.088	0.167
		Left Tilted	0.062	0.074	0.136
		Right Cheek	0.076	0.084	0.160
		Right Tilted	0.054	0.071	0.125
	B5 1RB	Left Cheek	0.093	0.088	0.181
		Left Tilted	0.071	0.074	0.145
		Right Cheek	0.100	0.084	0.184
		Right Tilted	0.076	0.071	0.147
B5 25RB	Left Cheek	0.076	0.088	0.164	
	Left Tilted	0.059	0.074	0.133	
	Right Cheek	0.083	0.084	0.167	
	Right Tilted	0.063	0.071	0.134	

	B7 1RB	Left Cheek	0.058	0.088	0.146
		Left Tilted	0.048	0.074	0.122
		Right Cheek	0.056	0.084	0.140
		Right Tilted	0.044	0.071	0.115
	B7 50RB	Left Cheek	0.052	0.088	0.140
		Left Tilted	0.040	0.074	0.114
		Right Cheek	0.052	0.084	0.136
		Right Tilted	0.042	0.071	0.113
	B17 1RB	Left Cheek	0.084	0.088	0.172
		Left Tilted	0.064	0.074	0.138
		Right Cheek	0.090	0.084	0.174
		Right Tilted	0.069	0.071	0.140
	B17 25RB	Left Cheek	0.069	0.088	0.157
		Left Tilted	0.053	0.074	0.127
		Right Cheek	0.074	0.084	0.158
		Right Tilted	0.056	0.071	0.127

**Appendix C: Simultaneous Transmission analysis-Body**

PCE + WLAN DTS					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR (W/kg)
			PCE	WLAN DTS	
GSM	GSM850	Front	0.099	0.206	0.305
		Rear	0.150	0.287	0.437
	GSM1900	Front	0.094	0.206	0.300
		Rear	0.148	0.287	0.435
WCDMA	Band II	Front	0.383	0.206	0.589
		Rear	0.576	0.287	0.863
	Band V	Front	0.094	0.206	0.300
		Rear	0.125	0.287	0.412
LTE	B2 1RB	Front	0.444	0.206	0.650
		Rear	0.623	0.287	0.910
	B2 50RB	Front	0.350	0.206	0.556
		Rear	0.491	0.287	0.778
	B4 1RB	Front	0.289	0.206	0.495
		Rear	0.405	0.287	0.692
	B4 50RB	Front	0.213	0.206	0.419
		Rear	0.299	0.287	0.586
	B5 1RB	Front	0.086	0.206	0.292
		Rear	0.121	0.287	0.408
	B5 25RB	Front	0.074	0.206	0.280
		Rear	0.103	0.287	0.390
	B7 1RB	Front	0.097	0.206	0.303
		Rear	0.137	0.287	0.424
	B7 50RB	Front	0.081	0.206	0.287
		Rear	0.113	0.287	0.400
	B17 1RB	Front	0.077	0.206	0.283
		Rear	0.108	0.287	0.395
B17 25RB	Front	0.062	0.206	0.268	
	Rear	0.088	0.287	0.375	



PCE + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	BT	(W/kg)
GSM	GSM850	Front	0.099	0.084	0.183
		Rear	0.150	0.122	0.272
	GSM1900	Front	0.094	0.084	0.178
		Rear	0.148	0.122	0.270
WCDMA	Band II	Front	0.383	0.084	0.467
		Rear	0.576	0.122	0.698
	Band V	Front	0.094	0.084	0.178
		Rear	0.125	0.122	0.247
LTE	B2 1RB	Front	0.444	0.084	0.528
		Rear	0.623	0.122	0.745
	B2 50RB	Front	0.350	0.084	0.434
		Rear	0.491	0.122	0.613
	B4 1RB	Front	0.289	0.084	0.373
		Rear	0.405	0.122	0.527
	B4 50RB	Front	0.213	0.084	0.297
		Rear	0.299	0.122	0.421
	B5 1RB	Front	0.086	0.084	0.170
		Rear	0.121	0.122	0.243
	B5 25RB	Front	0.074	0.084	0.158
		Rear	0.103	0.122	0.225
	B7 1RB	Front	0.097	0.084	0.181
		Rear	0.137	0.122	0.259
	B7 50RB	Front	0.081	0.084	0.165
		Rear	0.113	0.122	0.235
B17 1RB	Front	0.077	0.084	0.161	
	Rear	0.108	0.122	0.230	
B17 25RB	Front	0.062	0.084	0.146	
	Rear	0.088	0.122	0.210	

**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	0.099	0.206	0.305
		Rear	0.150	0.287	0.437
		Left side	0.093	-	0.093
		Right side	0.088	0.168	0.256
		Top side	-	0.207	0.207
		Bottom side	0.061	-	0.061
	GSM1900	Front	0.094	0.206	0.300
		Rear	0.148	0.287	0.435
		Left side	0.092	-	0.092
		Right side	0.087	0.168	0.255
		Top side	-	0.207	0.207
		Bottom side	0.115	-	0.115
WCDMA	Band II	Front	0.383	0.206	0.589
		Rear	0.576	0.287	0.863
		Left side	0.354	-	0.354
		Right side	0.339	0.168	0.507
		Top side	-	0.207	0.207
		Bottom side	0.450	-	0.450
	Band V	Front	0.094	0.206	0.300
		Rear	0.125	0.287	0.412
		Left side	0.077	-	0.077
		Right side	0.073	0.168	0.241
		Top side	0.000	0.207	0.207
		Bottom side	0.050	-	0.050
	B2 1RB	Front	0.444	0.206	0.650
		Rear	0.623	0.287	0.910
		Left side	0.383	-	0.383
		Right side	0.366	0.168	0.534
		Top side	-	0.207	0.207
		Bottom side	0.486	-	0.486
	B2 50RB	Front	0.350	0.206	0.556
		Rear	0.491	0.287	0.778
		Left side	0.302	-	0.302
		Right side	0.289	0.168	0.457
		Top side	-	0.207	0.207
		Bottom side	0.384	-	0.384

LTE	B4 1RB	Front	0.289	0.206	0.495
		Rear	0.405	0.287	0.692
		Left side	0.249	-	0.249
		Right side	0.238	0.168	0.406
		Top side	-	0.207	0.207
		Bottom side	0.316	-	0.316
	B4 50RB	Front	0.213	0.206	0.419
		Rear	0.299	0.287	0.586
		Left side	0.184	-	0.184
		Right side	0.176	0.168	0.344
		Top side	-	0.207	0.207
		Bottom side	0.233	-	0.233
	B5 1RB	Front	0.086	0.206	0.292
		Rear	0.121	0.287	0.408
		Left side	0.074	-	0.074
		Right side	0.071	0.168	0.239
		Top side	-	0.207	0.207
		Bottom side	0.049	-	0.049
	B5 25RB	Front	0.074	0.206	0.280
		Rear	0.103	0.287	0.390
		Left side	0.063	-	0.063
		Right side	0.061	0.168	0.229
		Top side	-	0.207	0.207
		Bottom side	0.042	-	0.042
	B7 1RB	Front	0.097	0.206	0.303
		Rear	0.137	0.287	0.424
		Left side	0.084	-	0.084
		Right side	0.081	0.168	0.249
		Top side	-	0.207	0.207
		Bottom side	0.107	-	0.107
B7 50RB	Front	0.081	0.206	0.287	
	Rear	0.113	0.287	0.400	
	Left side	0.070	-	0.070	
	Right side	0.066	0.168	0.234	
	Top side	-	0.207	0.207	
	Bottom side	0.088	-	0.088	
B17 1RB	Front	0.077	0.206	0.283	
	Rear	0.108	0.287	0.395	
	Left side	0.067	-	0.067	
	Right side	0.062	0.168	0.230	
	Top side	-	0.207	0.207	
	Bottom side	0.044	-	0.044	
B17 25RB	Front	0.062	0.206	0.268	
	Rear	0.088	0.287	0.375	
	Left side	0.054	-	0.054	
	Right side	0.052	0.168	0.220	
	Top side	-	0.207	0.207	
	Bottom side	0.036	-	0.036	