

Project No.	SHT2209017702EW		
Test sample No.	YPHT22090177001	Model No.	18410
Start test date	2022/9/13	Finish date	2022/9/16
Temperature	22.6℃	Humidity	38%
Test Engineer	Bo Wang	Auditor	Weyang.Xiang

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		33.04	33.01	32.64	33.50	-9.03	24.01	23.98	23.61	24.47
GPRS (GMSK)	1Tx slot	33.17	33.00	32.49	33.50	-9.03	24.14	23.97	23.46	24.47
	2Tx slots	31.00	31.70	30.78	32.00	-6.02	24.98	25.68	24.76	25.98
	3Tx slots	29.05	29.29	28.56	29.50	-4.26	24.79	25.03	24.30	25.24
	4Tx slots	26.80	26.82	26.34	27.00	-3.01	23.79	23.81	23.33	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		30.38	30.59	30.74	31.00	-9.03	21.35	21.56	21.71	21.97
GPRS (GMSK)	1Tx slot	30.42	30.54	30.70	31.00	-9.03	21.39	21.51	21.67	21.97
	2Tx slots	28.22	28.05	27.83	28.50	-6.02	22.20	22.03	21.81	22.48
	3Tx slots	26.57	26.38	26.13	27.00	-4.26	22.31	22.12	21.87	22.74
	4Tx slots	24.39	24.19	23.93	24.50	-3.01	21.38	21.18	20.92	21.49

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		21.40	21.70	21.85	22.00
RMC 12.2K		21.43	21.73	21.88	22.00
HSDPA	Subtest-1	22.60	22.96	23.16	23.50
	Subtest-2	22.44	22.76	22.89	23.00
	Subtest-3	21.43	21.80	22.10	22.50
	Subtest-4	21.12	21.45	21.78	22.00
HSUPA	Subtest-1	19.29	19.71	20.01	20.50
	Subtest-2	19.61	20.10	20.35	20.50
	Subtest-3	19.41	19.94	20.17	20.50
	Subtest-4	19.66	20.15	20.39	20.50
	Subtest-5	21.77	22.19	22.41	22.50

WCDMA Band V		Conducted Power (dBm)			Tune-up limit (dBm)
		CH4132	CH4183	CH4233	
		826.4MHz	836.6MHz	846.6MHz	
AMR 12.2K		21.10	21.17	21.31	21.50
RMC 12.2K		21.13	21.20	21.34	21.50
HSDPA	Subtest-1	22.79	21.97	22.11	23.00
	Subtest-2	21.75	21.07	21.20	22.00
	Subtest-3	20.40	20.12	20.26	20.50
	Subtest-4	19.97	19.56	19.62	20.00
HSUPA	Subtest-1	19.44	18.87	18.82	19.50
	Subtest-2	19.59	19.01	19.15	20.00
	Subtest-3	19.31	18.80	19.20	19.50
	Subtest-4	19.15	18.58	19.09	19.50
	Subtest-5	22.33	22.21	22.74	23.00

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	23.82	23.91	24.13	24.50	
			2	23.79	23.97	24.07		
			5	23.79	23.98	24.12		
		3	0	23.79	23.96	24.11	24.50	
			1	23.79	23.99	24.12		
			3	23.75	23.97	24.13		
		6	0	22.92	23.05	23.15	23.50	
	16QAM	1	0	22.97	23.04	23.25	23.50	
			2	23.04	23.13	23.39		
			5	22.96	23.13	23.29		
		3	0	22.83	22.93	23.10	23.50	
			1	22.82	22.95	23.09		
			3	22.80	22.90	23.08		
		6	0	21.98	22.03	22.08	22.50	
		3	QPSK	1	0	23.69	23.88	23.92
8	23.58				23.87	23.87		
14	23.64				23.85	23.86		
8	0			22.70	22.81	23.01	23.50	
	4			22.70	22.95	23.12		
	7			22.79	22.89	22.98		
15	0		22.76	22.99	23.07	23.50		
16QAM	1		0	22.66	23.24	23.10	23.50	
			8	22.63	23.27	23.10		
			14	22.62	23.28	23.04		
	8		0	21.98	22.16	22.35	22.50	
			4	22.01	22.16	22.36		
			7	21.96	22.16	22.33		
	15		0	21.79	22.03	22.20	22.50	
	5		QPSK	1	0	23.85	24.19	24.00
		12			23.79	24.04	24.04	
24		23.80			24.07	24.04		
12		0		22.82	22.88	23.11	23.50	
		6		22.83	23.00	23.15		
		13		22.77	22.99	23.15		
25		0	22.83	22.96	22.98	23.00		
16QAM		1	0	22.74	23.06	22.63	23.50	
			12	22.77	23.10	22.55		
			24	22.80	23.11	22.64		
		12	0	21.90	22.11	22.19	22.50	
			6	21.91	22.15	22.22		
			13	21.91	22.10	22.14		
		25	0	21.84	22.18	22.29	22.50	
		10	QPSK	1	0	23.00	22.72	23.17
	24				22.92	22.83	23.26	
49	22.92				22.94	23.10		
25	0			21.90	21.94	22.27	22.50	
	12			21.88	21.92	22.29		
	25			21.86	21.90	22.32		
50	0		21.90	21.97	22.29	22.50		
16QAM	1		0	22.26	22.02	22.52	23.00	
			24	22.11	22.06	22.35		
			49	22.19	22.16	22.48		
	25		0	20.88	20.94	21.39	21.50	
			12	20.87	20.96	21.36		
			25	20.83	20.85	21.31		
	50		0	20.87	20.93	21.29	21.50	

15	QPSK	1	0	22.99	23.05	23.38	24.00
			38	22.85	23.03	23.64	
			74	22.88	22.92	23.23	
		38	0	22.41	22.83	22.49	23.00
			18	22.06	22.51	22.96	
			37	22.13	22.40	22.42	
		75	0	21.94	22.15	22.33	22.50
	16QAM	1	0	22.18	22.58	22.54	23.00
			38	22.07	22.55	22.49	
			74	22.12	22.68	22.63	
		38	0	22.20	22.63	22.54	23.00
			18	22.09	22.51	22.55	
			37	22.14	22.70	22.57	
		75	0	20.92	21.12	21.31	21.50
20	QPSK	1	0	22.98	23.05	23.40	23.50
			49	22.76	23.06	23.44	
			99	22.72	22.60	23.14	
		50	0	22.06	22.14	22.35	22.50
			25	22.05	22.15	22.40	
			50	21.90	22.16	22.37	
		100	0	22.05	22.15	22.45	22.50
	16QAM	1	0	22.54	22.31	22.38	23.00
			49	22.33	22.16	22.36	
			99	22.13	22.08	22.21	
		50	0	21.03	21.20	21.32	21.50
			25	21.04	21.21	21.34	
			50	20.95	21.16	21.36	
		100	0	21.05	21.16	21.38	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	23.06	23.18	23.31	23.50
			2	23.12	23.22	23.36	
			5	23.03	23.23	23.31	
		3	0	23.10	23.17	23.38	23.50
			1	23.09	23.17	23.38	
			3	23.10	23.21	23.38	
		6	0	22.10	22.18	22.34	22.50
	16QAM	1	0	22.23	22.32	22.59	23.00
			2	22.32	22.57	22.68	
			5	22.20	22.38	22.61	
		3	0	22.04	22.28	22.43	22.50
			1	22.05	22.28	22.42	
			3	22.08	22.29	22.38	
		6	0	21.18	21.15	21.26	21.50
3	QPSK	1	0	23.30	23.35	23.42	24.00
			8	23.27	23.48	23.60	
			14	23.22	23.37	23.47	
		8	0	22.27	22.34	22.41	22.50
			4	22.22	22.35	22.36	
			7	22.24	22.35	22.33	
		15	0	22.29	22.32	22.39	22.50
	16QAM	1	0	22.39	22.16	22.63	23.00
			8	22.37	22.30	22.66	
			14	22.27	22.22	22.58	
		8	0	21.23	21.41	21.44	21.50
			4	21.27	21.41	21.44	
			7	21.28	21.39	21.43	
		15	0	21.20	21.27	21.48	21.50
5	QPSK	1	0	23.45	23.38	23.78	24.00
			12	23.34	23.29	23.62	
			24	23.26	23.32	23.62	
		12	0	22.29	22.35	22.67	23.00
			6	22.31	22.35	22.65	
			13	22.25	22.35	22.54	
		25	0	22.32	22.37	22.61	23.00
	16QAM	1	0	22.67	22.58	22.65	23.00
			12	22.62	22.53	22.59	
			24	22.55	22.53	22.62	
		12	0	21.39	21.38	21.60	22.00
			6	21.39	21.38	21.60	
			13	21.34	21.39	21.58	
		25	0	21.25	21.46	21.58	22.00
10	QPSK	1	0	23.43	23.50	23.65	24.00
			24	23.16	23.38	23.48	
			49	23.59	23.66	23.95	
		25	0	22.21	22.34	22.49	23.00
			12	22.23	22.29	22.48	
			25	22.37	22.43	22.51	
		50	0	22.28	22.35	22.49	22.50
	16QAM	1	0	22.65	22.44	22.83	23.50
			24	22.38	22.19	22.66	
			49	22.77	22.80	23.07	
		25	0	21.27	21.36	21.41	22.00
			12	21.28	21.32	21.41	
			25	21.41	21.46	21.55	
		50	0	21.25	21.39	21.49	21.50

15	QPSK	1	0	23.01	23.13	23.30	23.50
			38	22.92	23.48	23.35	
			74	22.84	23.30	22.63	
		38	0	22.37	22.12	22.52	23.00
			18	22.25	22.33	22.46	
			37	22.18	22.18	22.42	
		75	0	22.01	22.22	22.25	22.50
	16QAM	1	0	22.36	22.19	22.42	23.00
			38	22.25	22.17	22.50	
			74	22.18	22.20	22.42	
		38	0	22.35	22.16	22.42	23.00
			18	22.24	22.15	22.52	
			37	22.16	22.20	22.44	
		75	0	21.06	21.17	21.25	21.50
20	QPSK	1	0	22.85	22.68	22.97	23.50
			49	22.96	23.10	23.14	
			99	22.94	22.80	23.12	
		50	0	21.95	22.15	22.18	22.50
			25	21.95	22.15	22.21	
			50	21.94	22.20	22.16	
		100	0	21.90	22.14	22.18	22.50
	16QAM	1	0	22.25	22.16	22.21	23.00
			49	22.34	22.42	22.57	
			99	22.22	22.29	22.45	
		50	0	20.98	21.19	21.12	21.50
			25	20.97	21.19	21.14	
			50	20.95	21.26	21.09	
		100	0	20.93	21.17	21.20	21.50

LTE-FDD Band 5				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
1.4	QPSK	1	0	21.19	21.55	20.76	22.00
			2	21.21	21.54	21.06	
			5	21.16	21.43	21.08	
		3	0	21.19	21.28	21.18	21.50
			1	21.15	21.28	21.15	
			3	21.20	21.42	21.13	
		6	0	20.27	20.42	20.14	20.50
	16QAM	1	0	20.28	20.67	20.13	21.00
			2	20.43	20.64	20.26	
			5	20.32	20.54	20.18	
		3	0	20.23	20.19	20.06	20.50
			1	20.23	20.16	20.06	
			3	20.17	20.28	19.98	
		6	0	19.27	19.32	19.23	19.50
3	QPSK	1	0	21.46	21.79	21.07	22.00
			8	21.34	21.68	21.02	
			14	21.42	21.69	21.14	
		8	0	20.56	20.80	20.35	21.00
			4	20.56	20.78	20.26	
			7	20.55	20.72	20.23	
		15	0	20.61	20.64	20.34	21.00
	16QAM	1	0	20.62	20.79	20.42	21.00
			8	20.70	20.87	20.41	
			14	20.54	20.70	20.33	
		8	0	19.63	19.76	19.37	20.00
			4	19.65	19.77	19.37	
			7	19.64	19.68	19.38	
		15	0	19.53	19.58	19.33	20.00
5	QPSK	1	0	21.85	22.21	21.40	22.50
			12	21.88	21.86	21.35	
			24	21.87	21.81	21.38	
		12	0	20.96	20.71	20.53	21.00
			6	20.92	20.67	20.54	
			13	20.82	20.66	20.58	
		25	0	20.96	20.71	20.47	21.00
	16QAM	1	0	21.18	20.65	20.46	21.50
			12	21.18	20.80	20.53	
			24	21.17	20.85	20.50	
		12	0	19.93	19.76	19.50	20.00
			6	19.93	19.75	19.61	
			13	19.90	19.75	19.56	
		25	0	19.87	19.72	19.47	20.00
10	QPSK	1	0	21.57	21.62	21.41	22.50
			24	21.43	21.73	21.40	
			49	22.00	22.12	21.34	
		25	0	20.63	20.60	20.42	21.00
			12	20.62	20.53	20.37	
			25	20.76	20.74	20.48	
		50	0	20.68	20.80	20.43	21.00
	16QAM	1	0	20.84	20.67	20.76	21.50
			24	20.73	20.53	20.58	
			49	21.21	21.01	20.83	
		25	0	19.71	19.72	19.40	20.00
			12	19.68	19.72	19.35	
			25	19.80	19.87	19.42	
		50	0	19.75	19.73	19.40	20.00

LTE-FDD Band 7				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	22.77	23.03	23.25	23.50
			12	22.72	22.96	23.27	
			24	22.75	22.94	23.29	
		12	0	21.78	21.93	22.29	22.50
			6	21.78	21.92	22.30	
			13	21.72	21.94	22.28	
		25	0	21.76	21.98	22.35	22.50
	16QAM	1	0	21.81	22.32	22.44	22.50
			12	21.82	22.20	22.42	
			24	21.77	22.17	22.38	
		12	0	20.78	21.02	21.38	21.50
			6	20.79	20.99	21.40	
			13	20.80	21.00	21.35	
		25	0	20.81	20.95	21.40	21.50
10	QPSK	1	0	22.82	23.04	23.39	23.50
			24	22.61	22.85	23.20	
			49	22.75	22.97	23.21	
		25	0	21.80	22.01	22.26	22.50
			12	21.79	21.94	22.27	
			25	21.73	21.95	22.24	
		50	0	21.80	22.00	22.27	22.50
	16QAM	1	0	22.11	22.00	22.61	23.00
			24	21.92	21.87	22.44	
			49	21.96	22.07	22.58	
		25	0	20.82	21.06	21.28	21.50
			12	20.80	21.04	21.28	
			25	20.75	21.05	21.37	
		50	0	20.76	20.93	21.27	21.50
15	QPSK	1	0	23.11	23.36	23.15	23.50
			38	23.11	23.33	23.29	
			74	23.20	23.30	23.10	
		38	0	22.58	22.87	23.14	23.50
			18	22.54	22.54	22.66	
			37	22.78	22.47	22.41	
		75	0	22.23	22.36	22.45	22.50
	16QAM	1	0	22.63	22.65	22.56	23.00
			38	22.52	22.58	22.70	
			74	22.63	22.48	22.68	
		38	0	22.65	22.67	22.62	23.00
			18	22.60	22.62	22.69	
			37	22.63	22.49	22.74	
		75	0	21.28	21.39	21.46	21.50
20	QPSK	1	0	23.27	23.28	23.26	24.00
			49	23.17	23.24	23.31	
			99	23.50	23.17	23.04	
		50	0	22.29	22.28	22.29	22.50
			25	22.40	22.25	22.37	
			50	22.39	22.30	22.32	
		100	0	22.42	22.31	22.33	22.50
	16QAM	1	0	22.73	22.52	22.33	23.00
			49	22.65	22.39	22.38	
			99	22.84	22.39	22.38	
		50	0	21.37	21.31	21.27	21.50
			25	21.40	21.33	21.28	
			50	21.37	21.38	21.41	
		100	0	21.40	21.31	21.34	21.50

LTE-FDD Band 17				Conducted Power (dBm)			Tune-up Limit(dBm)
Band-width(MHz)	Modulation	RB allocation	RB offset	Low	Middle	High	
5	QPSK	1	0	22.17	22.10	22.17	23.00
			12	22.19	22.81	22.12	
			24	22.15	22.20	22.03	
		12	0	21.06	21.15	21.06	22.00
			6	21.05	21.19	21.36	
			13	21.01	21.05	21.63	
		25	0	21.07	21.12	21.33	21.50
	16QAM	1	0	21.44	21.01	21.18	21.50
			12	21.22	21.02	21.18	
			24	21.12	21.10	21.17	
		12	0	20.10	20.11	20.04	21.00
			6	20.07	20.13	20.33	
			13	20.01	20.08	20.63	
		25	0	20.04	20.14	20.69	21.00
10	QPSK	1	0	24.95	24.84	24.74	25.00
			24	24.62	24.59	24.76	
			49	24.81	24.81	24.50	
		25	0	23.75	23.80	23.87	24.00
			12	23.71	23.63	23.70	
			25	23.53	23.40	23.39	
		50	0	23.59	23.75	23.59	24.00
	16QAM	1	0	24.22	24.04	24.21	24.50
			24	23.72	23.61	23.69	
			49	23.83	23.77	23.82	
		25	0	22.70	22.92	22.72	23.00
			12	22.73	22.82	22.64	
			25	22.60	22.51	22.50	
		50	0	22.65	22.68	22.51	23.00

Appendix A:Conducted Power Measurement Results-Bluetooth

Bluetooth						
Mode		Channel	Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)	Tune-up limit (dBm)
EDR	GFSK	0	2402	9.59	9.55	10.00
		39	2441	10.14	10.12	10.50
		78	2480	7.18	7.15	7.50
	$\pi/4$ QPSK	0	2402	10.68	10.04	10.50
		39	2441	11.11	10.53	11.00
		78	2480	8.13	7.58	8.00
	8DPSK	0	2402	10.76	10.25	10.50
		39	2441	11.22	10.71	11.00
		78	2480	8.15	7.58	8.00

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	31.00	32.00	1.259	-0.10	0.886	1.115	-
		190	836.6	31.70	32.00	1.072	-0.06	1.050	1.125	1
		251	848.8	30.78	32.00	1.324	-0.05	0.821	1.087	-
	Left-Tilt	128	824.2	31.00	32.00	1.259	0.16	0.681	0.857	-
		190	836.6	31.70	32.00	1.072	0.07	0.803	0.860	-
		251	848.8	30.78	32.00	1.324	-0.15	0.623	0.825	-
	Right-Cheek	128	824.2	31.00	32.00	1.259	0.02	0.810	1.020	-
		190	836.6	31.70	32.00	1.072	0.03	0.974	1.044	-
		251	848.8	30.78	32.00	1.324	0.16	0.776	1.028	-
	Right-Tilt	128	824.2	31.00	32.00	1.259	-0.08	0.610	0.768	-
		190	836.6	31.70	32.00	1.072	-0.03	0.738	0.791	-
		251	848.8	30.78	32.00	1.324	-0.11	0.583	0.772	-

GSM1900										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 3Tx slots	Left-Cheek	512	1850.2	26.57	27.00	1.104	0.02	0.200	0.221	-
		661	1880.0	26.38	27.00	1.153	-	-	-	-
		810	1909.8	26.13	27.00	1.222	-	-	-	-
	Left-Tilt	512	1850.2	26.57	27.00	1.104	0.01	0.088	0.097	-
		661	1880.0	26.38	27.00	1.153	-	-	-	-
		810	1909.8	26.13	27.00	1.222	-	-	-	-
	Right-Cheek	512	1850.2	26.57	27.00	1.104	-0.03	0.208	0.230	2
		661	1880.0	26.38	27.00	1.153	-	-	-	-
		810	1909.8	26.13	27.00	1.222	-	-	-	-
	Right-Tilt	512	1850.2	26.57	27.00	1.104	-0.01	0.101	0.112	-
		661	1880.0	26.38	27.00	1.153	-	-	-	-
		810	1909.8	26.13	27.00	1.222	-	-	-	-

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	21.43	22.00	1.140	-	-	-	-
		9400	1880.0	21.73	22.00	1.064	-	-	-	-
		9538	1907.6	21.88	22.00	1.028	0.05	0.340	0.350	-
	Left-Tilt	9262	1852.4	21.43	22.00	1.140	-	-	-	-
		9400	1880.0	21.73	22.00	1.064	-	-	-	-
		9538	1907.6	21.88	22.00	1.028	0.04	0.125	0.129	-
	Right-Cheek	9262	1852.4	21.43	22.00	1.140	-	-	-	-
		9400	1880.0	21.73	22.00	1.064	-	-	-	-
		9538	1907.6	21.88	22.00	1.028	-0.09	0.354	0.364	3
	Right-Tilt	9262	1852.4	21.43	22.00	1.140	-	-	-	-
		9400	1880.0	21.73	22.00	1.064	-	-	-	-
		9538	1907.6	21.88	22.00	1.028	-0.03	0.134	0.138	-

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	21.13	21.50	1.089	-	-	-	-
		4183	836.6	21.20	21.50	1.072	-	-	-	-
		4233	846.6	21.34	21.50	1.038	-0.10	0.438	0.454	4
	Left-Tilt	4132	826.4	21.13	21.50	1.089	-	-	-	-
		4183	836.6	21.20	21.50	1.072	-	-	-	-
		4233	846.6	21.34	21.50	1.038	-0.08	0.360	0.374	-
	Right-Cheek	4132	826.4	21.13	21.50	1.089	-	-	-	-
		4183	836.6	21.20	21.50	1.072	-	-	-	-
		4233	846.6	21.34	21.50	1.038	-0.14	0.418	0.434	-
	Right-Tilt	4132	826.4	21.13	21.50	1.089	-	-	-	-
		4183	836.6	21.20	21.50	1.072	-	-	-	-
		4233	846.6	21.34	21.50	1.038	0.04	0.335	0.348	-

LTE Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Left-Cheek	18700	1860.0	22.76	23.50	1.186	-	-	-	-
		18900	1880.0	23.06	23.50	1.107	-	-	-	-
		19100	1900.0	23.44	23.50	1.014	-0.05	0.352	0.357	5
	Left-Tilt	18700	1860.0	22.76	23.50	1.186	-	-	-	-
		18900	1880.0	23.06	23.50	1.107	-	-	-	-
		19100	1900.0	23.44	23.50	1.014	-0.04	0.133	0.135	-
	Right-Cheek	18700	1860.0	22.76	23.50	1.186	-	-	-	-
		18900	1880.0	23.06	23.50	1.107	-	-	-	-
		19100	1900.0	23.44	23.50	1.014	-0.07	0.336	0.341	-
	Right-Tilt	18700	1860.0	22.76	23.50	1.186	-	-	-	-
		18900	1880.0	23.06	23.50	1.107	-	-	-	-
		19100	1900.0	23.44	23.50	1.014	0.02	0.127	0.129	-
20M QPSK 50RB	Left-Cheek	18700	1860.0	22.05	22.50	1.109	-	-	-	-
		18900	1880.0	22.15	22.50	1.084	-	-	-	-
		19100	1900.0	22.40	22.50	1.023	-0.05	0.306	0.313	-
	Left-Tilt	18700	1860.0	22.05	22.50	1.109	-	-	-	-
		18900	1880.0	22.15	22.50	1.084	-	-	-	-
		19100	1900.0	22.40	22.50	1.023	-0.04	0.146	0.149	-
	Right-Cheek	18700	1860.0	22.05	22.50	1.109	-	-	-	-
		18900	1880.0	22.15	22.50	1.084	-	-	-	-
		19100	1900.0	22.40	22.50	1.023	-0.07	0.292	0.299	-
	Right-Tilt	18700	1860.0	22.05	22.50	1.109	-	-	-	-
		18900	1880.0	22.15	22.50	1.084	-	-	-	-
		19100	1900.0	22.40	22.50	1.023	0.02	0.128	0.131	-

LTE Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Left-Cheek	20050	1720.0	22.96	23.50	1.132	-0.09	0.774	0.876	-
		20175	1732.5	23.10	23.50	1.096	0.13	0.817	0.896	-
		20300	1745.0	23.14	23.50	1.086	-0.08	0.867	0.942	6
	Left-Tilt	20050	1720.0	22.96	23.50	1.132	-	-	-	-
		20175	1732.5	23.10	23.50	1.096	-	-	-	-
		20300	1745.0	23.14	23.50	1.086	-0.07	0.362	0.393	-
	Right-Cheek	20050	1720.0	22.96	23.50	1.132	-0.16	0.715	0.810	-
		20175	1732.5	23.10	23.50	1.096	0.15	0.762	0.836	-
		20300	1745.0	23.14	23.50	1.086	-0.11	0.828	0.900	-
	Right-Tilt	20050	1720.0	22.96	23.50	1.132	-	-	-	-
		20175	1732.5	23.10	23.50	1.096	-	-	-	-
		20300	1745.0	23.14	23.50	1.086	0.03	0.330	0.359	-
20M QPSK 50RB	Left-Cheek	20050	1720.0	21.95	22.50	1.135	-0.04	0.663	0.753	-
		20175	1732.5	22.15	22.50	1.084	0.13	0.736	0.798	-
		20300	1745.0	22.21	22.50	1.069	-0.11	0.805	0.861	-
	Left-Tilt	20050	1720.0	21.95	22.50	1.135	-	-	-	-
		20175	1732.5	22.15	22.50	1.084	-	-	-	-
		20300	1745.0	22.21	22.50	1.069	-0.09	0.271	0.290	-
	Right-Cheek	20050	1720.0	21.95	22.50	1.135	-0.07	0.627	0.712	-
		20175	1732.5	22.15	22.50	1.084	0.11	0.708	0.767	-
		20300	1745.0	22.21	22.50	1.069	-0.15	0.769	0.822	-
	Right-Tilt	20050	1720.0	21.95	22.50	1.135	-	-	-	-
		20175	1732.5	22.15	22.50	1.084	-	-	-	-
		20300	1745.0	22.21	22.50	1.069	0.05	0.245	0.262	-
20M QPSK 100RB	Left-Cheek	20050	1720.0	21.90	22.50	1.148	0.18	0.663	0.761	-
		20175	1732.5	22.14	22.50	1.086	-0.04	0.710	0.771	-
		20300	1745.0	22.18	22.50	1.076	0.06	0.762	0.820	-
	Left-Tilt	20050	1720.0	21.90	22.50	1.148	-	-	-	-
		20175	1732.5	22.14	22.50	1.086	-	-	-	-
		20300	1745.0	22.18	22.50	1.076	-0.13	0.153	0.165	-
	Right-Cheek	20050	1720.0	21.90	22.50	1.148	-	-	-	-
		20175	1732.5	22.14	22.50	1.086	-	-	-	-
		20300	1745.0	22.18	22.50	1.076	0.06	0.713	0.768	-
	Right-Tilt	20050	1720.0	21.90	22.50	1.148	-	-	-	-
		20175	1732.5	22.14	22.50	1.086	-	-	-	-
		20300	1745.0	22.18	22.50	1.076	-0.12	0.126	0.136	-

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	22.00	22.50	1.122	-	-	-	-
		20525	836.5	22.12	22.50	1.091	-0.06	0.503	0.549	7
		20600	844.0	21.34	22.50	1.306	-	-	-	-
	Left-Tilt	20450	829.0	22.00	22.50	1.122	-	-	-	-
		20525	836.5	22.12	22.50	1.091	-0.03	0.421	0.460	-
		20600	844.0	21.34	22.50	1.306	-	-	-	-
	Right-Cheek	20450	829.0	22.00	22.50	1.122	-	-	-	-
		20525	836.5	22.12	22.50	1.091	0.04	0.486	0.530	-
		20600	844.0	21.34	22.50	1.306	-	-	-	-
	Right-Tilt	20450	829.0	22.00	22.50	1.122	-	-	-	-
		20525	836.5	22.12	22.50	1.091	-0.02	0.385	0.421	-
		20600	844.0	21.34	22.50	1.306	-	-	-	-
10M QPSK 25RB	Left-Cheek	20450	829.0	20.76	21.00	1.057	-0.06	0.452	0.478	-
		20525	836.5	20.74	21.00	1.062	-	-	-	-
		20600	844.0	20.48	21.00	1.127	-	-	-	-
	Left-Tilt	20450	829.0	20.76	21.00	1.057	-0.04	0.364	0.385	-
		20525	836.5	20.74	21.00	1.062	-	-	-	-
		20600	844.0	20.48	21.00	1.127	-	-	-	-
	Right-Cheek	20450	829.0	20.76	21.00	1.057	0.03	0.434	0.459	-
		20525	836.5	20.74	21.00	1.062	-	-	-	-
		20600	844.0	20.48	21.00	1.127	-	-	-	-
	Right-Tilt	20450	829.0	20.76	21.00	1.057	0.04	0.341	0.360	-
		20525	836.5	20.74	21.00	1.062	-	-	-	-
		20600	844.0	20.48	21.00	1.127	-	-	-	-

LTE Band 7										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Left-Cheek	20850	2510.0	23.50	24.00	1.122	-0.10	0.852	0.956	8
		21100	2535.0	23.17	24.00	1.211	-0.06	0.778	0.942	-
		21350	2560.0	23.04	24.00	1.247	0.13	0.714	0.891	-
	Left-Tilt	20850	2510.0	23.50	24.00	1.122	-0.07	0.313	0.351	-
		21100	2535.0	23.17	24.00	1.211	-	-	-	-
		21350	2560.0	23.04	24.00	1.247	-	-	-	-
	Right-Cheek	20850	2510.0	23.50	24.00	1.122	0.05	0.819	0.919	-
		21100	2535.0	23.17	24.00	1.211	0.01	0.757	0.916	-
		21350	2560.0	23.04	24.00	1.247	0.17	0.688	0.858	-
	Right-Tilt	20850	2510.0	23.50	24.00	1.122	0.06	0.262	0.294	-
		21100	2535.0	23.17	24.00	1.211	-	-	-	-
		21350	2560.0	23.04	24.00	1.247	-	-	-	-
20M QPSK 50RB	Left-Cheek	20850	2510.0	22.40	22.50	1.023	-0.15	0.811	0.830	-
		21100	2535.0	22.25	22.50	1.059	-0.09	0.736	0.780	-
		21350	2560.0	22.37	22.50	1.030	0.14	0.669	0.689	-
	Left-Tilt	20850	2510.0	22.40	22.50	1.023	-0.11	0.240	0.246	-
		21100	2535.0	22.25	22.50	1.059	-	-	-	-
		21350	2560.0	22.37	22.50	1.030	-	-	-	-
	Right-Cheek	20850	2510.0	22.40	22.50	1.023	0.08	0.780	0.798	-
		21100	2535.0	22.25	22.50	1.059	-	-	-	-
		21350	2560.0	22.37	22.50	1.030	-	-	-	-
	Right-Tilt	20850	2510.0	22.40	22.50	1.023	0.10	0.211	0.216	-
		21100	2535.0	22.25	22.50	1.059	-	-	-	-
		21350	2560.0	22.37	22.50	1.030	-	-	-	-
20M QPSK 100RB	Left-Cheek	20850	2510.0	22.42	22.50	1.019	-0.13	0.783	0.798	-
		21100	2535.0	22.31	22.50	1.045	-	-	-	-
		21350	2560.0	22.33	22.50	1.040	-	-	-	-
	Left-Tilt	20850	2510.0	22.42	22.50	1.019	0.05	0.220	0.224	-
		21100	2535.0	22.31	22.50	1.045	-	-	-	-
		21350	2560.0	22.33	22.50	1.040	-	-	-	-
	Right-Cheek	20850	2510.0	22.42	22.50	1.019	0.01	0.741	0.755	-
		21100	2535.0	22.31	22.50	1.045	-	-	-	-
		21350	2560.0	22.33	22.50	1.040	-	-	-	-
	Right-Tilt	20850	2510.0	22.42	22.50	1.019	-0.07	0.199	0.203	-
		21100	2535.0	22.31	22.50	1.045	-	-	-	-
		21350	2560.0	22.33	22.50	1.040	-	-	-	-

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	24.95	25.00	1.012	-0.07	0.453	0.458	9
		23790	710.0	24.84	25.00	1.038	-	-	-	-
		23800	711.0	24.74	25.00	1.062	-	-	-	-
	Left-Tilt	23780	709.0	24.95	25.00	1.012	-0.05	0.364	0.368	-
		23790	710.0	24.84	25.00	1.038	-	-	-	-
		23800	711.0	24.74	25.00	1.062	-	-	-	-
	Right-Cheek	23780	709.0	24.95	25.00	1.012	0.04	0.435	0.440	-
		23790	710.0	24.84	25.00	1.038	-	-	-	-
		23800	711.0	24.74	25.00	1.062	-	-	-	-
	Right-Tilt	23780	709.0	24.95	25.00	1.012	0.04	0.342	0.346	-
		23790	710.0	24.84	25.00	1.038	-	-	-	-
		23800	711.0	24.74	25.00	1.062	-	-	-	-
10M QPSK 25RB	Left-Cheek	23780	709.0	23.75	24.00	1.059	-	-	-	-
		23790	710.0	23.80	24.00	1.047	-	-	-	-
		23800	711.0	23.87	24.00	1.030	-0.09	0.422	0.435	-
	Left-Tilt	23780	709.0	23.75	24.00	1.059	-	-	-	-
		23790	710.0	23.80	24.00	1.047	-	-	-	-
		23800	711.0	23.87	24.00	1.030	0.05	0.327	0.337	-
	Right-Cheek	23780	709.0	23.75	24.00	1.059	-	-	-	-
		23790	710.0	23.80	24.00	1.047	-	-	-	-
		23800	711.0	23.87	24.00	1.030	-0.04	0.417	0.430	-
	Right-Tilt	23780	709.0	23.75	24.00	1.059	-	-	-	-
		23790	710.0	23.80	24.00	1.047	-	-	-	-
		23800	711.0	23.87	24.00	1.030	0.03	0.311	0.320	-

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	10.25	10.50	1.059	77.70%	1.287	-	-	-	-
		39	2441	10.71	11.00	1.069	77.70%	1.287	-0.08	0.024	0.033	10
		78	2480	7.58	8.00	1.102	77.70%	1.287	-	-	-	-
	Left-Tilt	0	2402	10.25	10.50	1.059	77.70%	1.287	-	-	-	-
		39	2441	10.71	11.00	1.069	77.70%	1.287	0.11	0.022	0.030	-
		78	2480	7.58	8.00	1.102	77.70%	1.287	-	-	-	-
	Right-Cheek	0	2402	10.25	10.50	1.059	77.70%	1.287	-	-	-	-
		39	2441	10.71	11.00	1.069	77.70%	1.287	0.04	0.020	0.028	-
		78	2480	7.58	8.00	1.102	77.70%	1.287	-	-	-	-
	Right-Tilt	0	2402	10.25	10.50	1.059	77.70%	1.287	-	-	-	-
		39	2441	10.71	11.00	1.069	77.70%	1.287	-0.06	0.015	0.021	-
		78	2480	7.58	8.00	1.102	77.70%	1.287	-	-	-	-

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	31.00	32.00	1.259	-	-	-	-
		190	836.6	31.70	32.00	1.072	0.04	0.630	0.675	-
		251	848.8	30.78	32.00	1.324	-	-	-	-
	Rear	128	824.2	31.00	32.00	1.259	-0.06	0.801	1.008	-
		190	836.6	31.70	32.00	1.072	-0.08	0.954	1.022	11
		251	848.8	30.78	32.00	1.324	0.03	0.764	1.012	-

GSM1900										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
GPRS 3Tx slots	Front	512	1850.2	26.57	27.00	1.104	-0.10	0.166	0.183	-
		661	1880.0	26.38	27.00	1.153	-	-	-	-
		810	1909.8	26.13	27.00	1.222	-	-	-	-
	Rear	512	1850.2	26.57	27.00	1.104	0.13	0.263	0.290	12
		661	1880.0	26.38	27.00	1.153	-	-	-	-
		810	1909.8	26.13	27.00	1.222	-	-	-	-

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	21.43	22.00	1.140	-	-	-	-
		9400	1880.0	21.73	22.00	1.064	-	-	-	-
		9538	1907.6	21.88	22.00	1.028	0.04	0.364	0.374	-
	Rear	9262	1852.4	21.43	22.00	1.140	-	-	-	-
		9400	1880.0	21.73	22.00	1.064	-	-	-	-
		9538	1907.6	21.88	22.00	1.028	-0.10	0.511	0.525	13

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	21.13	21.50	1.089	-	-	-	-
		4183	836.6	21.20	21.50	1.072	-	-	-	-
		4233	846.6	21.34	21.50	1.038	0.01	0.284	0.295	-
	Rear	4132	826.4	21.13	21.50	1.089	-	-	-	-
		4183	836.6	21.20	21.50	1.072	-	-	-	-
		4233	846.6	21.34	21.50	1.038	-0.02	0.483	0.501	14

LTE Band 2										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	18700	1860.0	22.76	23.50	1.186	-	-	-	-
		18900	1880.0	23.06	23.50	1.107	-	-	-	-
		19100	1900.0	23.44	23.50	1.014	0.01	0.366	0.371	-
	Rear	18700	1860.0	22.76	23.50	1.186	-	-	-	-
		18900	1880.0	23.06	23.50	1.107	-	-	-	-
		19100	1900.0	23.44	23.50	1.014	-0.03	0.514	0.521	15
20M QPSK 50RB	Front	18700	1860.0	22.05	22.50	1.109	-	-	-	-
		18900	1880.0	22.15	22.50	1.084	-	-	-	-
		19100	1900.0	22.40	22.50	1.023	0.03	0.305	0.312	-
	Rear	18700	1860.0	22.05	22.50	1.109	-	-	-	-
		18900	1880.0	22.15	22.50	1.084	-	-	-	-
		19100	1900.0	22.40	22.50	1.023	-0.08	0.428	0.438	-

LTE Band 4										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20050	1720.0	22.96	23.50	1.132	-0.06	0.669	0.758	-
		20175	1732.5	23.10	23.50	1.096	0.14	0.710	0.778	-
		20300	1745.0	23.14	23.50	1.086	0.03	0.761	0.827	-
	Rear	20050	1720.0	22.96	23.50	1.132	-0.05	0.914	1.035	-
		20175	1732.5	23.10	23.50	1.096	0.16	0.971	1.065	-
		20300	1745.0	23.14	23.50	1.086	-0.07	1.070	1.162	16
20M QPSK 50RB	Front	20050	1720.0	21.95	22.50	1.135	-	-	-	-
		20175	1732.5	22.15	22.50	1.084	-	-	-	-
		20300	1745.0	22.21	22.50	1.069	0.05	0.733	0.784	-
	Rear	20050	1720.0	21.95	22.50	1.135	-0.01	0.896	1.017	-
		20175	1732.5	22.15	22.50	1.084	-0.08	0.944	1.023	-
		20300	1745.0	22.21	22.50	1.069	-0.13	1.030	1.101	-
20M QPSK 100RB	Front	20050	1720.0	21.90	22.50	1.148	-	-	-	-
		20175	1732.5	22.14	22.50	1.086	-	-	-	-
		20300	1745.0	22.18	22.50	1.076	0.09	0.702	0.756	-
	Rear	20050	1720.0	21.90	22.50	1.148	0.03	0.824	0.946	-
		20175	1732.5	22.14	22.50	1.086	0.15	0.919	0.998	-
		20300	1745.0	22.18	22.50	1.076	0.11	0.971	1.045	-

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	22.00	22.50	1.122	-	-	-	-
		20525	836.5	22.12	22.50	1.091	0.02	0.364	0.397	-
		20600	844.0	21.34	22.50	1.306	-	-	-	-
	Rear	20450	829.0	22.00	22.50	1.122	-	-	-	-
		20525	836.5	22.12	22.50	1.091	-0.04	0.512	0.559	17
		20600	844.0	21.34	22.50	1.306	-	-	-	-
10M QPSK 25RB	Front	20450	829.0	20.76	21.00	1.057	0.07	0.266	0.281	-
		20525	836.5	20.74	21.00	1.062	-	-	-	-
		20600	844.0	20.48	21.00	1.127	-	-	-	-
	Rear	20450	829.0	20.76	21.00	1.057	-0.09	0.421	0.445	-
		20525	836.5	20.74	21.00	1.062	-	-	-	-
		20600	844.0	20.48	21.00	1.127	-	-	-	-

LTE Band 7										
Mode	Test Position	Frequency		Conducted Power (dBm)	Tune-up limit (dBm)	Tune-up scaling factor	Power Drift(dB)	Measured SAR(1g)	Report SAR(1g)	Plot No.
		CH	MHz					(W/kg)	(W/kg)	
20M QPSK 1RB	Front	20850	2510.0	23.50	24.00	1.122	0.02	0.664	0.745	-
		21100	2535.0	23.17	24.00	1.211	-	-	-	-
		21350	2560.0	23.04	24.00	1.247	-	-	-	-
	Rear	20850	2510.0	23.50	24.00	1.122	-0.03	1.050	1.178	18
		21100	2535.0	23.17	24.00	1.211	0.03	0.967	1.171	-
		21350	2560.0	23.04	24.00	1.247	0.08	0.923	1.151	-
20M QPSK 50RB	Front	20850	2510.0	22.40	22.50	1.023	0.07	0.624	0.639	-
		21100	2535.0	22.25	22.50	1.059	-	-	-	-
		21350	2560.0	22.37	22.50	1.030	-	-	-	-
	Rear	20850	2510.0	22.40	22.50	1.023	-0.10	0.986	1.009	-
		21100	2535.0	22.25	22.50	1.059	-0.05	0.911	0.965	-
		21350	2560.0	22.37	22.50	1.030	0.07	0.867	0.893	-
20M QPSK 100RB	Front	20850	2510.0	22.42	22.50	1.019	-0.06	0.583	0.594	-
		21100	2535.0	22.31	22.50	1.045	-	-	-	-
		21350	2560.0	22.33	22.50	1.040	-	-	-	-
	Rear	20850	2510.0	22.42	22.50	1.019	0.15	0.959	0.977	-
		21100	2535.0	22.31	22.50	1.045	0.05	0.891	0.931	-
		21350	2560.0	22.33	22.50	1.040	-0.07	0.844	0.878	-

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	24.95	25.00	1.012	0.02	0.333	0.337	-
		23790	710.0	24.84	25.00	1.038	-	-	-	-
		23800	711.0	24.74	25.00	1.062	-	-	-	-
	Rear	23780	709.0	24.95	25.00	1.012	-0.05	0.468	0.473	19
		23790	710.0	24.84	25.00	1.038	-	-	-	-
		23800	711.0	24.74	25.00	1.062	-	-	-	-
10M QPSK 25RB	Front	23780	709.0	23.75	24.00	1.059	-	-	-	-
		23790	710.0	23.80	24.00	1.047	-	-	-	-
		23800	711.0	23.87	24.00	1.030	0.03	0.293	0.302	-
	Rear	23780	709.0	23.75	24.00	1.059	-	-	-	-
		23790	710.0	23.80	24.00	1.047	-	-	-	-
		23800	711.0	23.87	24.00	1.030	-0.08	0.412	0.425	-

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	10.25	10.50	1.059	77.70%	1.287	-	-	-	-
		39	2441	10.71	11.00	1.069	77.70%	1.287	-0.05	0.010	0.014	-
		78	2480	7.58	8.00	1.102	77.70%	1.287	-	-	-	-
	Rear	0	2402	10.25	10.50	1.059	77.70%	1.287	-	-	-	-
		39	2441	10.71	11.00	1.069	77.70%	1.287	-0.05	0.015	0.021	20
		78	2480	7.58	8.00	1.102	77.70%	1.287	-	-	-	-

Appendix C: Simultaneous Transmission analysis-Head

PCE + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	BT	(W/kg)
GSM	GSM850	Left Cheek	1.125	0.033	1.158
		Left Tilted	0.860	0.030	0.890
		Right Cheek	1.044	0.028	1.072
		Right Tilted	0.791	0.021	0.812
	GSM1900	Left Cheek	0.221	0.033	0.254
		Left Tilted	0.097	0.030	0.127
		Right Cheek	0.230	0.028	0.258
		Right Tilted	0.112	0.021	0.133
WCDMA	Band II	Left Cheek	0.350	0.033	0.383
		Left Tilted	0.129	0.030	0.159
		Right Cheek	0.364	0.028	0.392
		Right Tilted	0.138	0.021	0.159
	Band V	Left Cheek	0.454	0.033	0.487
		Left Tilted	0.374	0.030	0.404
		Right Cheek	0.434	0.028	0.462
		Right Tilted	0.348	0.021	0.369
LTE	B2 1RB	Left Cheek	0.357	0.033	0.390
		Left Tilted	0.135	0.030	0.165
		Right Cheek	0.341	0.028	0.369
		Right Tilted	0.129	0.021	0.150
	B2 50RB	Left Cheek	0.313	0.033	0.346
		Left Tilted	0.149	0.030	0.179
		Right Cheek	0.299	0.028	0.327
		Right Tilted	0.131	0.021	0.152
	B4 1RB	Left Cheek	0.942	0.033	0.975
		Left Tilted	0.393	0.030	0.423
		Right Cheek	0.900	0.028	0.928
		Right Tilted	0.359	0.021	0.380
	B4 50RB	Left Cheek	0.861	0.033	0.894
		Left Tilted	0.290	0.030	0.320
		Right Cheek	0.822	0.028	0.850
		Right Tilted	0.262	0.021	0.283
	B4 100RB	Left Cheek	0.820	0.033	0.853
		Left Tilted	0.165	0.030	0.195
		Right Cheek	0.768	0.028	0.796
		Right Tilted	0.136	0.021	0.157
	B5 1RB	Left Cheek	0.549	0.033	0.582
		Left Tilted	0.460	0.030	0.490
		Right Cheek	0.530	0.028	0.558
		Right Tilted	0.421	0.021	0.442
	B5 25RB	Left Cheek	0.478	0.033	0.511
		Left Tilted	0.385	0.030	0.415
		Right Cheek	0.459	0.028	0.487
		Right Tilted	0.360	0.021	0.381

	B7 1RB	Left Cheek	0.956	0.033	0.989
		Left Tilted	0.351	0.030	0.381
		Right Cheek	0.919	0.028	0.947
		Right Tilted	0.294	0.021	0.315
	B7 50RB	Left Cheek	0.830	0.033	0.863
		Left Tilted	0.246	0.030	0.276
		Right Cheek	0.798	0.028	0.826
		Right Tilted	0.216	0.021	0.237
	B7 100RB	Left Cheek	0.798	0.033	0.831
		Left Tilted	0.224	0.030	0.254
		Right Cheek	0.755	0.028	0.783
		Right Tilted	0.203	0.021	0.224
	B17 1RB	Left Cheek	0.458	0.033	0.491
		Left Tilted	0.368	0.030	0.398
		Right Cheek	0.440	0.028	0.468
		Right Tilted	0.346	0.021	0.367
	B17 25RB	Left Cheek	0.435	0.033	0.468
		Left Tilted	0.337	0.030	0.367
		Right Cheek	0.430	0.028	0.458
		Right Tilted	0.320	0.021	0.341

Appendix C: Simultaneous Transmission analysis-Body

PCE + BT					
WWAN Band		Exposure Position	Max SAR (W/kg)		Summed SAR
			PCE	BT	(W/kg)
GSM	GSM850	Front	0.675	0.014	0.689
		Rear	1.022	0.021	1.043
	GSM1900	Front	0.183	0.014	0.197
		Rear	0.290	0.021	0.311
WCDMA	Band II	Front	0.374	0.014	0.388
		Rear	0.525	0.021	0.546
	Band V	Front	0.295	0.014	0.309
		Rear	0.501	0.021	0.522
LTE	B2 1RB	Front	0.371	0.014	0.385
		Rear	0.521	0.021	0.542
	B2 50RB	Front	0.312	0.014	0.326
		Rear	0.438	0.021	0.459
	B4 1RB	Front	0.827	0.014	0.841
		Rear	1.162	0.021	1.183
	B4 50RB	Front	0.784	0.014	0.798
		Rear	1.101	0.021	1.122
	B4 100RB	Front	0.756	0.014	0.770
		Rear	1.045	0.021	1.066
	B5 1RB	Front	0.397	0.014	0.411
		Rear	0.559	0.021	0.580
	B5 25RB	Front	0.281	0.014	0.295
		Rear	0.445	0.021	0.466
	B7 1RB	Front	0.745	0.014	0.759
		Rear	1.178	0.021	1.199
	B7 50RB	Front	0.639	0.014	0.653
		Rear	1.009	0.021	1.030
	B7 100RB	Front	0.594	0.014	0.608
		Rear	0.977	0.021	0.998
	B17 1RB	Front	0.337	0.014	0.351
		Rear	0.473	0.021	0.494
	B17 25RB	Front	0.302	0.014	0.316
		Rear	0.425	0.021	0.446