



Power Level A1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2687.5	26.18	25.27	24.12	27.0	26.0	25.0
		2640.3	26.07	25.21	24.15			
		2593.0	26.05	25.21	24.13			
		2545.8	26.03	25.23	24.12			
		2498.5	26.04	25.21	24.15			
	1RB_12	2687.5	26.19	25.30	24.11			
		2640.3	26.12	25.21	24.12			
		2593.0	26.08	25.23	24.11			
		2545.8	26.05	25.21	24.11			
		2498.5	26.06	25.21	24.12			
	1RB_0	2687.5	26.18	25.31	24.16			
		2640.3	26.09	25.22	24.16			
		2593.0	26.05	25.23	24.14			
		2545.8	26.02	25.20	24.14			
		2498.5	26.06	25.24	24.15			
	12RB_13	2687.5	25.27	24.28	23.16	26.0	25.0	24.0
		2640.3	25.16	24.19	23.19			
		2593.0	25.13	24.16	23.17			
		2545.8	25.12	24.11	23.16			
		2498.5	25.11	24.13	23.17			
	12RB_6	2687.5	25.30	24.29	23.17			
		2640.3	25.19	24.18	23.20			
		2593.0	25.18	24.20	23.19			
		2545.8	25.15	24.16	23.18			
		2498.5	25.12	24.16	23.18			
12RB_0	2687.5	25.26	24.28	23.16				
	2640.3	25.18	24.19	23.19				
	2593.0	25.17	24.17	23.18				
	2545.8	25.12	24.13	23.17				
	2498.5	25.09	24.16	23.17				
25RB_0	2687.5	25.30	24.32	23.20				
	2640.3	25.16	24.21	23.23				
	2593.0	25.17	24.21	23.23				
	2545.8	25.14	24.18	23.22				
	2498.5	25.12	24.20	23.20				



Power Level A1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2685.0	26.21	25.33	24.24	27.0	26.0	25.0
		2639.0	26.11	25.28	24.16			
		2593.0	26.10	25.26	24.18			
		2547.0	26.06	25.24	24.12			
		2501.0	26.05	25.25	24.15			
	1RB_24	2685.0	26.25	25.38	24.31			
		2639.0	26.15	25.32	24.22			
		2593.0	26.13	25.33	24.21			
		2547.0	26.11	25.30	24.17			
		2501.0	26.12	25.29	24.18			
	1RB_0	2685.0	26.22	25.35	24.28			
		2639.0	26.14	25.30	24.19			
		2593.0	26.12	25.28	24.19			
		2547.0	26.09	25.26	24.16			
		2501.0	26.11	25.28	24.15			
	25RB_25	2685.0	25.32	24.36	23.37	26.0	25.0	24.0
		2639.0	25.22	24.27	23.30			
		2593.0	25.19	24.23	23.24			
		2547.0	25.18	24.25	23.26			
		2501.0	25.16	24.24	23.25			
	25RB_12	2685.0	25.34	24.36	23.40			
		2639.0	25.26	24.28	23.31			
		2593.0	25.23	24.28	23.30			
		2547.0	25.19	24.22	23.30			
		2501.0	25.18	24.27	23.26			
25RB_0	2685.0	25.35	24.38	23.38				
	2639.0	25.25	24.28	23.31				
	2593.0	25.25	24.28	23.31				
	2547.0	25.23	24.25	23.31				
	2501.0	25.19	24.28	23.28				
50RB_0	2685.0	25.37	24.39	23.35				
	2639.0	25.29	24.25	23.24				
	2593.0	25.24	24.25	23.21				
	2547.0	25.20	24.25	23.22				
	2501.0	25.21	24.25	23.21				



Power Level A1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2682.5	26.11	25.22	24.17	27.0	26.0	25.0
		2637.8	26.02	25.20	24.10			
		2593.0	26.04	25.20	24.08			
		2548.3	26.01	25.18	24.13			
		2503.5	25.99	25.20	24.09			
	1RB_37	2682.5	26.15	25.30	24.24			
		2637.8	26.06	25.23	24.15			
		2593.0	26.08	25.23	24.12			
		2548.3	26.04	25.21	24.11			
		2503.5	26.03	25.21	24.12			
	1RB_0	2682.5	26.14	25.31	24.22			
		2637.8	26.07	25.22	24.14			
		2593.0	26.08	25.27	24.16			
		2548.3	26.04	25.25	24.14			
		2503.5	26.06	25.22	24.11			
	36RB_38	2682.5	25.31	24.24	23.21	26.0	25.0	24.0
		2637.8	25.17	24.15	23.09			
		2593.0	25.19	24.11	23.11			
		2548.3	25.15	24.11	23.12			
		2503.5	25.11	24.10	23.08			
	36RB_19	2682.5	25.31	24.26	23.26			
		2637.8	25.22	24.17	23.18			
		2593.0	25.21	24.17	23.14			
		2548.3	25.18	24.14	23.15			
		2503.5	25.18	24.15	23.14			
36RB_0	2682.5	25.32	24.28	23.25				
	2637.8	25.25	24.21	23.20				
	2593.0	25.18	24.17	23.16				
	2548.3	25.17	24.12	23.15				
	2503.5	25.18	24.11	23.15				
75RB_0	2682.5	25.31	24.29	23.26				
	2637.8	25.21	24.22	23.20				
	2593.0	25.17	24.22	23.15				
	2548.3	25.17	24.18	23.17				
	2503.5	25.15	24.15	23.14				



Power Level A1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2680.0	26.08	25.22	24.13	27.0	26.0	25.0
		2636.5	26.00	25.16	24.08			
		2593.0	26.03	25.24	24.08			
		2549.5	26.03	25.21	24.12			
		2506.0	25.97	25.15	24.03			
	1RB_50	2680.0	26.23	25.35	24.25			
		2636.5	26.12	25.30	24.19			
		2593.0	26.13	25.31	24.20			
		2549.5	26.10	25.30	24.18			
		2506.0	26.12	25.27	24.18			
	1RB_0	2680.0	26.14	25.29	24.21			
		2636.5	26.07	25.22	24.14			
		2593.0	26.03	25.20	24.09			
		2549.5	26.03	25.23	24.10			
		2506.0	26.07	25.22	24.10			
	50RB_50	2680.0	25.27	24.27	23.25	26.0	25.0	24.0
		2636.5	25.16	24.15	23.11			
		2593.0	25.19	24.21	23.14			
		2549.5	25.17	24.16	23.14			
		2506.0	25.09	24.11	23.06			
	50RB_25	2680.0	25.35	24.34	23.29			
		2636.5	25.26	24.23	23.17			
		2593.0	25.21	24.23	23.20			
		2549.5	25.19	24.22	23.19			
		2506.0	25.16	24.21	23.14			
50RB_0	2680.0	25.25	24.31	23.29				
	2636.5	25.25	24.27	23.19				
	2593.0	25.17	24.22	23.15				
	2549.5	25.18	24.22	23.15				
	2506.0	25.16	24.22	23.15				
100RB_0	2680.0	25.37	24.32	23.25				
	2636.5	25.21	24.26	23.18				
	2593.0	25.21	24.25	23.15				
	2549.5	25.18	24.15	23.14				
	2506.0	25.14	24.16	23.12				



Power Level B1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2687.5	22.44	22.63	22.48	23.5	23.5	23.5
		2640.3	22.34	22.56	22.40			
		2593.0	22.34	22.53	22.41			
		2545.8	22.31	22.52	22.38			
		2498.5	22.29	22.53	22.38			
	1RB_12	2687.5	22.42	22.65	22.46			
		2640.3	22.36	22.56	22.39			
		2593.0	22.31	22.53	22.38			
		2545.8	22.25	22.53	22.36			
		2498.5	22.21	22.50	22.31			
	1RB_0	2687.5	22.45	22.64	22.51			
		2640.3	22.37	22.59	22.42			
		2593.0	22.33	22.56	22.44			
		2545.8	22.29	22.53	22.40			
		2498.5	22.32	22.55	22.40			
	12RB_13	2687.5	22.44	22.48	22.52	23.5	23.5	23.5
		2640.3	22.36	22.41	22.41			
		2593.0	22.33	22.37	22.40			
		2545.8	22.29	22.37	22.39			
		2498.5	22.33	22.36	22.38			
	12RB_6	2687.5	22.45	22.49	22.51			
		2640.3	22.39	22.42	22.43			
		2593.0	22.36	22.37	22.38			
		2545.8	22.36	22.40	22.38			
		2498.5	22.31	22.37	22.37			
	12RB_0	2687.5	22.46	22.49	22.52			
		2640.3	22.38	22.41	22.42			
		2593.0	22.35	22.36	22.39			
2545.8		22.33	22.36	22.36				
2498.5		22.27	22.35	22.37				
25RB_0	2687.5	22.46	22.52	22.52				
	2640.3	22.37	22.46	22.46				
	2593.0	22.34	22.41	22.43				
	2545.8	22.32	22.41	22.41				
	2498.5	22.35	22.39	22.41				

Power Level B1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2685.0	22.45	22.66	22.48	23.5	23.5	23.5
		2639.0	22.41	22.59	22.44			
		2593.0	22.37	22.58	22.41			
		2547.0	22.33	22.56	22.36			
		2501.0	22.29	22.57	22.41			
	1RB_24	2685.0	22.49	22.71	22.59			
		2639.0	22.46	22.63	22.50			
		2593.0	22.41	22.61	22.47			
		2547.0	22.29	22.60	22.43			
		2501.0	22.34	22.59	22.44			
	1RB_0	2685.0	22.48	22.69	22.51			
		2639.0	22.42	22.63	22.47			
		2593.0	22.37	22.62	22.43			
		2547.0	22.35	22.61	22.42			
		2501.0	22.33	22.58	22.40			
	25RB_25	2685.0	22.49	22.57	22.59			
		2639.0	22.42	22.51	22.53			
		2593.0	22.38	22.43	22.46			
		2547.0	22.36	22.44	22.47			
		2501.0	22.36	22.42	22.40			
	25RB_12	2685.0	22.51	22.57	22.61			
		2639.0	22.44	22.52	22.56			
		2593.0	22.40	22.44	22.47			
		2547.0	22.35	22.43	22.48			
		2501.0	22.39	22.46	22.45			
25RB_0	2685.0	22.51	22.58	22.61				
	2639.0	22.46	22.54	22.55				
	2593.0	22.42	22.46	22.48				
	2547.0	22.37	22.46	22.50				
	2501.0	22.37	22.42	22.45				
50RB_0	2685.0	22.50	22.59	22.53				
	2639.0	22.44	22.49	22.47				
	2593.0	22.38	22.45	22.44				
	2547.0	22.37	22.45	22.41				
	2501.0	22.35	22.40	22.39				



Power Level B1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2682.5	22.37	22.57	22.42	23.5	23.5	23.5
		2637.8	22.30	22.52	22.36			
		2593.0	22.28	22.50	22.35			
		2548.3	22.29	22.50	22.35			
		2503.5	22.26	22.48	22.34			
	1RB_37	2682.5	22.44	22.61	22.46			
		2637.8	22.35	22.57	22.42			
		2593.0	22.36	22.54	22.39			
		2548.3	22.26	22.52	22.36			
		2503.5	22.31	22.53	22.39			
	1RB_0	2682.5	22.41	22.61	22.48			
		2637.8	22.36	22.58	22.39			
		2593.0	22.32	22.55	22.39			
		2548.3	22.29	22.53	22.36			
		2503.5	22.33	22.55	22.39			
	36RB_38	2682.5	22.43	22.35	22.47	23.5	23.5	23.5
		2637.8	22.40	22.34	22.38			
		2593.0	22.33	22.30	22.32			
		2548.3	22.31	22.30	22.33			
		2503.5	22.35	22.27	22.32			
	36RB_19	2682.5	22.49	22.47	22.46			
		2637.8	22.39	22.39	22.39			
		2593.0	22.39	22.35	22.38			
		2548.3	22.35	22.33	22.37			
		2503.5	22.35	22.34	22.34			
36RB_0	2682.5	22.48	22.41	22.46				
	2637.8	22.43	22.38	22.40				
	2593.0	22.38	22.35	22.38				
	2548.3	22.33	22.32	22.34				
	2503.5	22.35	22.32	22.33				
75RB_0	2682.5	22.42	22.48	22.48				
	2637.8	22.42	22.41	22.41				
	2593.0	22.35	22.36	22.38				
	2548.3	22.34	22.37	22.37				
	2503.5	22.34	22.35	22.31				



Power Level B1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2680.0	22.35	22.56	22.40	23.5	23.5	23.5
		2636.5	22.29	22.49	22.33			
		2593.0	22.29	22.50	22.34			
		2549.5	22.32	22.53	22.35			
		2506.0	22.25	22.48	22.31			
	1RB_50	2680.0	22.51	22.68	22.51			
		2636.5	22.44	22.65	22.49			
		2593.0	22.39	22.63	22.46			
		2549.5	22.33	22.60	22.44			
		2506.0	22.37	22.50	22.35			
	1RB_0	2680.0	22.41	22.62	22.44			
		2636.5	22.34	22.60	22.42			
		2593.0	22.31	22.53	22.36			
		2549.5	22.31	22.53	22.37			
		2506.0	22.32	22.56	22.40			
	50RB_50	2680.0	22.36	22.44	22.46			
		2636.5	22.30	22.36	22.39			
		2593.0	22.33	22.37	22.35			
		2549.5	22.31	22.34	22.34			
		2506.0	22.24	22.32	22.28			
	50RB_25	2680.0	22.45	22.51	22.50			
		2636.5	22.40	22.46	22.47			
		2593.0	22.36	22.43	22.41			
		2549.5	22.34	22.40	22.40			
		2506.0	22.34	22.39	22.34			
50RB_0	2680.0	22.41	22.51	22.46				
	2636.5	22.39	22.47	22.44				
	2593.0	22.36	22.39	22.38				
	2549.5	22.33	22.36	22.37				
	2506.0	22.33	22.35	22.36				
100RB_0	2680.0	22.39	22.46	22.46				
	2636.5	22.39	22.40	22.39				
	2593.0	22.40	22.38	22.36				
	2549.5	22.30	22.36	22.35				
	2506.0	22.32	22.35	22.36				



Power Level C1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	2687.5	23.42	23.57	23.45	24.0	24.0	24.0
		2640.3	23.36	23.52	23.41			
		2593.0	23.33	23.52	23.36			
		2545.8	23.29	23.49	23.33			
		2498.5	23.32	23.50	23.36			
	1RB_12	2687.5	23.41	23.58	23.43			
		2640.3	23.34	23.53	23.37			
		2593.0	23.30	23.50	23.35			
		2545.8	23.29	23.48	23.33			
		2498.5	23.23	23.49	23.35			
	1RB_0	2687.5	23.44	23.59	23.49			
		2640.3	23.36	23.52	23.41			
		2593.0	23.33	23.49	23.37			
		2545.8	23.33	23.50	23.37			
		2498.5	23.31	23.48	23.38			
	12RB_13	2687.5	23.43	23.46	22.98	24.0	24.0	24.0
		2640.3	23.33	23.41	22.90			
		2593.0	23.31	23.36	22.85			
		2545.8	23.32	23.34	22.89			
		2498.5	23.33	23.37	22.88			
	12RB_6	2687.5	23.47	23.48	23.00			
		2640.3	23.40	23.43	22.92			
		2593.0	23.37	23.39	22.88			
		2545.8	23.34	23.36	22.93			
		2498.5	23.33	23.38	22.91			
12RB_0	2687.5	23.45	23.48	22.99				
	2640.3	23.39	23.42	22.90				
	2593.0	23.33	23.38	22.87				
	2545.8	23.34	23.35	22.89				
	2498.5	23.31	23.34	22.86				
25RB_0	2687.5	23.45	23.50	23.03				
	2640.3	23.39	23.44	22.97				
	2593.0	23.35	23.40	22.93				
	2545.8	23.36	23.37	22.92				
	2498.5	23.34	23.42	22.89				

Power Level C1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	2685.0	23.45	23.62	23.46	24.0	24.0	24.0
		2639.0	23.39	23.57	23.41			
		2593.0	23.36	23.54	23.39			
		2547.0	23.30	23.54	23.37			
		2501.0	23.27	23.53	23.35			
	1RB_24	2685.0	23.50	23.66	23.52			
		2639.0	23.46	23.62	23.46			
		2593.0	23.41	23.60	23.43			
		2547.0	23.34	23.55	23.41			
		2501.0	23.35	23.57	23.41			
	1RB_0	2685.0	23.47	23.65	23.49			
		2639.0	23.39	23.61	23.44			
		2593.0	23.37	23.58	23.41			
		2547.0	23.38	23.58	23.39			
		2501.0	23.34	23.54	23.39			
	25RB_25	2685.0	23.50	23.54	23.08			
		2639.0	23.44	23.50	23.02			
		2593.0	23.39	23.45	22.97			
		2547.0	23.38	23.39	22.98			
		2501.0	23.37	23.44	22.94			
	25RB_12	2685.0	23.52	23.57	23.10			
		2639.0	23.45	23.50	23.02			
		2593.0	23.42	23.49	22.99			
		2547.0	23.39	23.43	23.00			
		2501.0	23.38	23.44	22.96			
25RB_0	2685.0	23.51	23.53	23.11				
	2639.0	23.46	23.50	23.06				
	2593.0	23.41	23.48	23.01				
	2547.0	23.41	23.45	23.01				
	2501.0	23.34	23.45	22.94				
50RB_0	2685.0	23.49	23.54	23.04				
	2639.0	23.42	23.48	22.98				
	2593.0	23.41	23.45	22.91				
	2547.0	23.38	23.42	22.91				
	2501.0	23.36	23.45	22.91				

Power Level C1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	2682.5	23.35	23.55	23.40	24.0	24.0	24.0
		2637.8	23.29	23.46	23.35			
		2593.0	23.27	23.46	23.32			
		2548.3	23.27	23.47	23.34			
		2503.5	23.27	23.47	23.32			
	1RB_37	2682.5	23.41	23.59	23.45			
		2637.8	23.34	23.54	23.41			
		2593.0	23.35	23.50	23.37			
		2548.3	23.32	23.50	23.35			
		2503.5	23.31	23.53	23.35			
	1RB_0	2682.5	23.41	23.59	23.45			
		2637.8	23.36	23.53	23.39			
		2593.0	23.32	23.51	23.36			
		2548.3	23.30	23.50	23.36			
		2503.5	23.32	23.52	23.37			
	36RB_38	2682.5	23.41	23.41	22.94	24.0	24.0	24.0
		2637.8	23.42	23.33	22.89			
		2593.0	23.37	23.31	22.84			
		2548.3	23.34	23.31	22.84			
		2503.5	23.35	23.30	22.80			
	36RB_19	2682.5	23.48	23.43	22.98			
		2637.8	23.43	23.40	22.93			
		2593.0	23.36	23.38	22.86			
		2548.3	23.37	23.33	22.86			
		2503.5	23.37	23.34	22.86			
36RB_0	2682.5	23.45	23.42	22.96				
	2637.8	23.43	23.40	22.92				
	2593.0	23.36	23.34	22.87				
	2548.3	23.36	23.30	22.85				
	2503.5	23.36	23.36	22.87				
75RB_0	2682.5	23.43	23.49	22.96				
	2637.8	23.39	23.42	22.91				
	2593.0	23.39	23.40	22.86				
	2548.3	23.34	23.36	22.88				
	2503.5	23.35	23.37	22.85				

Power Level C1								
LTE Band 41 PC2			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	2680.0	23.34	23.50	23.35	24.0	24.0	24.0
		2636.5	23.31	23.48	23.34			
		2593.0	23.28	23.48	23.32			
		2549.5	23.31	23.49	23.33			
		2506.0	23.23	23.44	23.29			
	1RB_50	2680.0	23.45	23.63	23.49			
		2636.5	23.43	23.59	23.43			
		2593.0	23.37	23.58	23.44			
		2549.5	23.37	23.56	23.42			
		2506.0	23.29	23.57	23.44			
	1RB_0	2680.0	23.39	23.57	23.41			
		2636.5	23.36	23.55	23.40			
		2593.0	23.27	23.48	23.34			
		2549.5	23.31	23.49	23.32			
		2506.0	23.28	23.52	23.35			
	50RB_50	2680.0	23.40	23.43	22.90			
		2636.5	23.35	23.41	22.87			
		2593.0	23.32	23.39	22.85			
		2549.5	23.33	23.34	22.84			
		2506.0	23.26	23.31	22.79			
	50RB_25	2680.0	23.49	23.48	23.00			
		2636.5	23.45	23.48	22.94			
		2593.0	23.39	23.43	22.92			
		2549.5	23.36	23.39	22.89			
		2506.0	23.37	23.40	22.90			
50RB_0	2680.0	23.46	23.47	22.97				
	2636.5	23.44	23.46	22.95				
	2593.0	23.37	23.39	22.86				
	2549.5	23.35	23.38	22.89				
	2506.0	23.37	23.40	22.88				
100RB_0	2680.0	23.46	23.46	22.95				
	2636.5	23.39	23.44	22.91				
	2593.0	23.47	23.36	22.85				
	2549.5	23.33	23.35	22.85				
	2506.0	23.35	23.37	22.83				



Power Level A1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	22.88	22.11	21.19	24.0	23.0	22.0
		1745.0	22.79	22.08	21.10			
		1710.7	22.75	21.95	20.99			
	1RB_3	1779.3	22.99	22.20	21.29			
		1745.0	22.88	22.15	21.18			
		1710.7	22.81	22.06	21.06			
	1RB_0	1779.3	22.86	22.12	21.20			
		1745.0	22.81	22.12	21.09			
		1710.7	22.73	21.98	21.01			
	3RB_3	1779.3	22.98	21.97	21.14			
		1745.0	22.91	21.87	21.09			
		1710.7	22.85	21.82	21.03			
	3RB_1	1779.3	23.03	22.04	21.19			
		1745.0	22.95	21.93	21.11			
		1710.7	22.89	21.89	21.06			
	3RB_0	1779.3	23.00	21.98	21.17			
		1745.0	22.90	21.90	21.07			
		1710.7	22.82	21.85	21.00			
	6RB_0	1779.3	22.03	21.15	20.07	23.0	22.0	21.0
		1745.0	21.89	21.05	19.98			
		1710.7	21.84	20.95	19.89			



Power Level A1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	22.97	22.22	21.24	24.0	23.0	22.0
		1745.0	22.85	22.10	21.15			
		1711.5	22.86	21.98	21.05			
	1RB_7	1778.5	23.00	22.40	21.40			
		1745.0	23.04	22.34	21.33			
		1711.5	22.97	22.22	21.14			
	1RB_0	1778.5	22.94	22.31	21.27			
		1745.0	22.89	22.15	21.10			
		1711.5	22.83	22.03	20.99			
	8RB_7	1778.5	22.00	21.12	20.09	23.0	22.0	21.0
		1745.0	21.87	21.00	20.00			
		1711.5	21.82	20.94	19.94			
	8RB_4	1778.5	22.04	21.14	20.13			
		1745.0	21.92	21.04	20.06			
		1711.5	21.85	20.95	19.96			
	8RB_0	1778.5	21.99	21.11	20.10			
		1745.0	21.89	21.03	20.03			
		1711.5	21.84	20.97	19.97			
	15RB_0	1778.5	21.99	21.06	20.00			
		1745.0	21.85	20.95	19.93			
		1711.5	21.84	20.87	19.92			



Power Level A1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	22.91	22.15	21.16	24.0	23.0	22.0
		1745.0	22.79	22.08	21.05			
		1712.5	22.77	22.04	20.99			
	1RB_12	1777.5	23.06	22.43	21.35			
		1745.0	23.00	22.34	21.23			
		1712.5	23.00	22.08	21.13			
	1RB_0	1777.5	22.87	22.20	21.16			
		1745.0	22.86	22.16	21.09			
		1712.5	22.77	21.98	21.00			
	12RB_13	1777.5	21.96	21.01	20.07	23.0	22.0	21.0
		1745.0	21.87	20.91	19.95			
		1712.5	21.86	20.86	19.90			
	12RB_6	1777.5	22.06	21.09	20.13			
		1745.0	21.93	21.00	20.02			
		1712.5	21.88	20.89	19.97			
	12RB_0	1777.5	21.96	21.04	20.03			
		1745.0	21.88	20.96	19.99			
		1712.5	21.85	20.87	19.91			
	25RB_0	1777.5	21.96	21.06	20.08			
		1745.0	21.88	20.97	19.94			
		1712.5	21.83	20.90	19.91			



Power Level A1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	22.92	22.14	21.21	24.0	23.0	22.0
		1745.0	22.84	22.10	21.08			
		1715.0	22.80	22.00	21.01			
	1RB_24	1775.0	22.95	22.23	21.25			
		1745.0	22.90	22.15	21.19			
		1715.0	22.89	22.04	21.07			
	1RB_0	1775.0	22.94	22.21	21.20			
		1745.0	22.91	22.17	21.14			
		1715.0	22.82	22.03	21.01			
	25RB_25	1775.0	21.99	21.09	20.07	23.0	22.0	21.0
		1745.0	21.93	20.99	19.99			
		1715.0	21.86	20.92	19.93			
	25RB_12	1775.0	21.95	21.06	20.04			
		1745.0	21.89	20.97	19.98			
		1715.0	21.88	20.91	19.94			
	25RB_0	1775.0	21.97	21.07	20.06			
		1745.0	21.93	21.03	20.01			
		1715.0	21.88	20.92	19.96			
	50RB_0	1775.0	21.98	21.07	20.07			
		1745.0	21.96	21.05	20.00			
		1715.0	21.88	20.95	19.94			



Power Level A1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	22.91	22.13	21.16	24.0	23.0	22.0
		1745.0	22.79	22.11	21.12			
		1717.5	22.83	22.02	21.12			
	1RB_37	1772.5	22.90	22.16	21.10			
		1745.0	22.85	22.13	21.15			
		1717.5	22.78	21.94	21.03			
	1RB_0	1772.5	22.96	22.24	21.19			
		1745.0	22.92	22.19	21.22			
		1717.5	22.81	21.99	21.08			
	36RB_38	1772.5	21.99	21.04	20.02	23.0	22.0	21.0
		1745.0	21.91	20.97	19.99			
		1717.5	21.90	20.94	20.00			
	36RB_19	1772.5	21.98	21.04	20.04			
		1745.0	21.95	21.02	20.02			
		1717.5	21.85	20.89	19.95			
	36RB_0	1772.5	22.05	21.06	20.09			
		1745.0	21.97	21.03	20.03			
		1717.5	21.87	20.90	19.93			
	75RB_0	1772.5	22.02	21.06	20.06			
		1745.0	21.95	21.01	20.03			
		1717.5	21.87	20.91	19.91			



Power Level A1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	22.90	22.09	21.16	24.0	23.0	22.0
		1745.0	22.79	22.01	20.99			
		1720.0	22.77	22.05	20.98			
	1RB_50	1770.0	22.97	22.22	21.17			
		1745.0	22.89	22.15	21.06			
		1720.0	22.86	22.09	21.05			
	1RB_0	1770.0	22.96	22.15	21.17			
		1745.0	22.89	22.14	21.06			
		1720.0	22.81	22.02	20.98			
	50RB_50	1770.0	21.93	21.01	20.05	23.0	22.0	21.0
		1745.0	21.84	20.93	19.98			
		1720.0	21.88	20.94	19.96			
	50RB_25	1770.0	21.96	21.03	20.05			
		1745.0	21.95	21.02	20.02			
		1720.0	21.89	20.95	19.98			
	50RB_0	1770.0	22.04	21.14	20.12			
		1745.0	21.95	21.04	20.05			
		1720.0	21.88	20.95	19.96			
	100RB_0	1770.0	21.97	21.05	20.05			
		1745.0	21.92	20.99	20.03			
		1720.0	21.88	20.92	19.95			



Power Level B1											
LTE Band 66			Actual output Power (dBm)			Tune up					
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation					
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM			
1.4 MHz	1RB_5	1779.3	17.95	18.30	18.12	19.5	19.5	19.5			
		1745.0	17.87	18.19	18.07						
		1710.7	17.85	18.19	18.00						
	1RB_3	1779.3	18.05	18.37	18.23						
		1745.0	17.94	18.27	18.19						
		1710.7	17.97	18.31	18.11						
	1RB_0	1779.3	17.92	18.27	18.09						
		1745.0	17.87	18.24	18.11						
		1710.7	17.85	18.17	18.03						
	3RB_3	1779.3	18.03	18.06	18.15						
		1745.0	17.94	17.98	18.08						
		1710.7	17.92	17.91	18.06						
	3RB_1	1779.3	18.10	18.11	18.15						
		1745.0	18.01	18.02	18.13						
		1710.7	17.98	17.96	18.08						
	3RB_0	1779.3	18.04	18.05	18.14						
		1745.0	17.93	17.97	18.09						
		1710.7	17.95	17.90	18.12						
	6RB_0	1779.3	18.05	18.15	18.02				19.5	19.5	19.5
		1745.0	17.96	18.05	17.99						
		1710.7	17.92	18.01	17.95						



Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	18.02	18.37	18.27	19.5	19.5	19.5
		1745.0	17.93	18.26	18.13			
		1711.5	17.95	18.23	18.12			
	1RB_7	1778.5	18.09	18.47	18.41			
		1745.0	18.00	18.49	18.31			
		1711.5	18.05	18.34	18.25			
	1RB_0	1778.5	18.01	18.35	18.21			
		1745.0	17.98	18.34	18.14			
		1711.5	17.93	18.21	18.11			
	8RB_7	1778.5	18.01	18.08	18.04	19.5	19.5	19.5
		1745.0	17.95	18.01	18.01			
		1711.5	17.94	18.00	18.01			
	8RB_4	1778.5	18.05	18.10	18.09			
		1745.0	17.95	18.04	18.03			
		1711.5	17.93	18.03	18.04			
	8RB_0	1778.5	17.94	18.05	18.03			
		1745.0	17.95	18.04	18.01			
		1711.5	17.93	18.05	18.01			
	15RB_0	1778.5	17.96	18.00	17.99			
		1745.0	17.94	17.96	17.98			
		1711.5	17.93	17.99	17.97			



Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	17.96	18.34	18.18	19.5	19.5	19.5
		1745.0	17.86	18.23	18.12			
		1712.5	17.89	18.17	18.09			
	1RB_12	1777.5	18.13	18.51	18.38			
		1745.0	18.09	18.42	18.42			
		1712.5	18.05	18.39	18.30			
	1RB_0	1777.5	17.91	18.30	18.15			
		1745.0	17.94	18.27	18.17			
		1712.5	17.90	18.22	18.08			
	12RB_13	1777.5	18.04	18.02	18.07	19.5	19.5	19.5
		1745.0	17.94	17.96	17.97			
		1712.5	17.93	17.92	17.97			
	12RB_6	1777.5	18.01	18.03	18.06			
		1745.0	17.99	18.02	18.03			
		1712.5	17.99	17.95	18.00			
	12RB_0	1777.5	17.95	17.99	18.00			
		1745.0	17.97	17.98	18.00			
		1712.5	17.98	17.94	17.98			
	25RB_0	1777.5	18.04	18.02	18.00			
		1745.0	17.94	17.99	17.99			
		1712.5	17.95	17.94	17.93			



Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	18.00	18.30	18.21	19.5	19.5	19.5
		1745.0	17.92	18.17	18.14			
		1715.0	17.89	18.22	18.09			
	1RB_24	1775.0	17.97	18.37	18.21			
		1745.0	17.99	18.28	18.23			
		1715.0	17.94	18.31	18.12			
	1RB_0	1775.0	17.98	18.31	18.19			
		1745.0	18.00	18.29	18.19			
		1715.0	17.97	18.25	18.14			
	25RB_25	1775.0	18.01	18.02	17.99	19.5	19.5	19.5
		1745.0	17.98	18.00	18.01			
		1715.0	17.94	17.95	17.94			
	25RB_12	1775.0	17.96	17.98	17.95			
		1745.0	17.97	18.01	18.01			
		1715.0	17.96	17.97	17.97			
	25RB_0	1775.0	18.03	18.05	18.03			
		1745.0	18.01	18.06	18.04			
		1715.0	17.99	18.00	17.99			
	50RB_0	1775.0	18.03	18.04	18.03			
		1745.0	18.02	18.06	18.05			
		1715.0	17.96	17.99	17.98			



Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	18.00	18.35	18.16	19.5	19.5	19.5
		1745.0	17.89	18.25	18.19			
		1717.5	17.96	18.25	18.19			
	1RB_37	1772.5	17.93	18.30	18.12			
		1745.0	17.96	18.26	18.13			
		1717.5	17.91	18.19	18.15			
	1RB_0	1772.5	18.02	18.36	18.24			
		1745.0	18.03	18.39	18.28			
		1717.5	17.98	18.24	18.18			
	36RB_38	1772.5	18.01	18.00	18.00	19.5	19.5	19.5
		1745.0	17.98	18.00	17.99			
		1717.5	18.01	17.98	18.01			
	36RB_19	1772.5	18.02	17.97	17.98			
		1745.0	17.98	18.01	18.02			
		1717.5	17.95	17.96	17.93			
	36RB_0	1772.5	18.05	18.05	18.04			
		1745.0	18.08	18.04	18.05			
		1717.5	17.96	17.97	18.00			
	75RB_0	1772.5	18.03	18.03	18.03			
		1745.0	18.02	18.05	18.01			
		1717.5	17.95	17.97	17.95			



Power Level B1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	17.99	18.28	18.13	19.5	19.5	19.5
		1745.0	17.93	18.28	18.07			
		1720.0	17.94	18.29	18.17			
	1RB_50	1770.0	18.06	18.39	18.15			
		1745.0	18.03	18.37	18.18			
		1720.0	17.98	18.34	18.21			
	1RB_0	1770.0	18.05	18.37	18.19			
		1745.0	18.02	18.40	18.18			
		1720.0	17.96	18.33	18.20			
	50RB_50	1770.0	17.94	17.96	17.94	19.5	19.5	19.5
		1745.0	17.95	17.98	17.96			
		1720.0	17.96	17.98	17.94			
	50RB_25	1770.0	18.10	18.02	18.04			
		1745.0	18.09	18.04	18.01			
		1720.0	18.01	17.98	17.98			
	50RB_0	1770.0	18.09	18.14	18.11			
		1745.0	18.08	18.10	18.12			
		1720.0	18.00	17.99	17.97			
	100RB_0	1770.0	18.03	18.01	17.99			
		1745.0	18.02	18.05	18.03			
		1720.0	17.99	17.98	17.98			



Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
1.4 MHz	1RB_5	1779.3	20.94	21.28	21.08	22.5	22.5	22.0
		1745.0	20.83	21.18	21.07			
		1710.7	20.85	21.07	21.03			
	1RB_3	1779.3	21.01	21.36	21.18			
		1745.0	20.98	21.24	21.13			
		1710.7	20.97	21.18	21.13			
	1RB_0	1779.3	20.89	21.30	21.10			
		1745.0	20.87	21.19	21.07			
		1710.7	20.85	21.10	21.08			
	3RB_3	1779.3	21.03	21.02	21.14			
		1745.0	20.97	20.99	20.99			
		1710.7	20.95	20.91	21.01			
	3RB_1	1779.3	21.09	21.07	21.14			
		1745.0	20.97	21.05	21.06			
		1710.7	20.97	20.96	21.06			
	3RB_0	1779.3	21.07	21.02	21.15			
		1745.0	20.98	21.00	21.05			
		1710.7	20.95	20.89	21.01			
	6RB_0	1779.3	21.00	21.15	20.51	22.5	22.0	21.0
		1745.0	20.94	21.05	20.45			
		1710.7	20.96	21.02	20.45			



Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
3 MHz	1RB_14	1778.5	21.02	21.33	21.14	22.5	22.5	22.0
		1745.0	20.92	21.25	21.14			
		1711.5	20.95	21.22	21.12			
	1RB_7	1778.5	21.12	21.40	21.31			
		1745.0	21.09	21.33	21.20			
		1711.5	21.04	21.32	21.22			
	1RB_0	1778.5	20.98	21.35	21.17			
		1745.0	20.96	21.33	21.11			
		1711.5	20.90	21.21	21.09			
	8RB_7	1778.5	21.03	21.08	20.56	22.5	22.0	21.0
		1745.0	20.95	21.04	20.51			
		1711.5	20.92	20.99	20.44			
	8RB_4	1778.5	21.08	21.11	20.59			
		1745.0	21.01	21.05	20.53			
		1711.5	20.98	20.99	20.51			
	8RB_0	1778.5	20.98	21.09	20.53			
		1745.0	20.99	21.05	20.51			
		1711.5	20.93	21.01	20.48			
	15RB_0	1778.5	20.98	21.02	20.52			
		1745.0	20.96	20.97	20.44			
		1711.5	20.96	20.95	20.41			



Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	1777.5	20.96	21.29	21.15	22.5	22.5	22.0
		1745.0	20.88	21.21	21.12			
		1712.5	20.85	21.16	21.07			
	1RB_12	1777.5	21.05	21.53	21.32			
		1745.0	21.13	21.46	21.34			
		1712.5	21.03	21.41	21.25			
	1RB_0	1777.5	20.90	21.25	21.11			
		1745.0	20.92	21.27	21.13			
		1712.5	20.86	21.21	21.06			
	12RB_13	1777.5	21.03	21.04	20.57	22.5	22.0	21.0
		1745.0	20.99	20.95	20.49			
		1712.5	20.96	20.92	20.46			
	12RB_6	1777.5	21.04	21.05	20.60			
		1745.0	21.04	20.98	20.53			
		1712.5	21.00	20.96	20.47			
	12RB_0	1777.5	21.01	20.99	20.53			
		1745.0	20.99	20.96	20.50			
		1712.5	20.94	20.94	20.43			
	25RB_0	1777.5	21.02	21.03	20.51			
		1745.0	20.98	20.96	20.48			
		1712.5	20.93	20.95	20.42			



Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	1775.0	21.00	21.28	21.14	22.5	22.5	22.0
		1745.0	20.92	21.26	21.12			
		1715.0	20.89	21.21	21.11			
	1RB_24	1775.0	20.96	21.32	21.17			
		1745.0	20.97	21.35	21.21			
		1715.0	20.96	21.21	21.12			
	1RB_0	1775.0	20.97	21.28	21.18			
		1745.0	20.99	21.32	21.24			
		1715.0	20.96	21.22	21.11			
	25RB_25	1775.0	21.01	21.07	20.54	22.5	22.0	21.0
		1745.0	21.01	21.00	20.47			
		1715.0	20.97	20.96	20.44			
	25RB_12	1775.0	20.97	20.98	20.47			
		1745.0	21.00	20.97	20.47			
		1715.0	21.00	21.00	20.48			
	25RB_0	1775.0	21.02	21.05	20.55			
		1745.0	21.04	21.03	20.52			
		1715.0	21.00	21.00	20.48			
	50RB_0	1775.0	21.01	21.06	20.53			
		1745.0	21.05	21.04	20.53			
		1715.0	20.99	21.04	20.49			



Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	1772.5	20.98	21.31	21.21	22.5	22.5	22.0
		1745.0	20.89	21.25	21.14			
		1717.5	20.94	21.22	21.11			
	1RB_37	1772.5	20.94	21.30	21.16			
		1745.0	20.93	21.28	21.16			
		1717.5	20.86	21.14	21.04			
	1RB_0	1772.5	21.04	21.36	21.24			
		1745.0	21.05	21.33	21.27			
		1717.5	20.93	21.20	21.10			
	36RB_38	1772.5	21.01	21.00	20.49	22.5	22.0	21.0
		1745.0	21.02	20.99	20.50			
		1717.5	21.02	21.02	20.51			
	36RB_19	1772.5	21.00	21.02	20.49			
		1745.0	21.05	21.03	20.56			
		1717.5	20.97	20.96	20.46			
	36RB_0	1772.5	21.06	21.09	20.55			
		1745.0	21.08	21.03	20.54			
		1717.5	20.99	20.99	20.46			
	75RB_0	1772.5	21.05	21.06	20.52			
		1745.0	21.05	21.05	20.53			
		1717.5	21.00	20.98	20.44			



Power Level C1								
LTE Band 66			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	1770.0	20.97	21.30	21.12	22.5	22.5	22.0
		1745.0	20.87	21.23	21.12			
		1720.0	20.90	21.24	21.14			
	1RB_50	1770.0	21.04	21.37	21.11			
		1745.0	21.00	21.32	21.18			
		1720.0	20.95	21.27	21.17			
	1RB_0	1770.0	21.03	21.37	21.18			
		1745.0	20.99	21.36	21.24			
		1720.0	20.94	21.23	21.14			
	50RB_50	1770.0	21.00	21.01	20.50	22.5	22.0	21.0
		1745.0	20.95	20.95	20.46			
		1720.0	20.97	20.97	20.48			
	50RB_25	1770.0	21.12	21.06	20.56			
		1745.0	21.11	21.04	20.51			
		1720.0	21.02	20.99	20.47			
	50RB_0	1770.0	21.11	21.12	20.63			
		1745.0	21.10	21.08	20.57			
		1720.0	21.01	21.02	20.48			
	100RB_0	1770.0	21.06	21.05	20.55			
		1745.0	21.05	21.04	20.53			
		1720.0	20.97	21.00	20.46			



Power Level A1/B1/C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
5 MHz	1RB_24	695.5	24.23	23.31	22.35	24.5	23.5	22.5
		680.5	24.16	23.27	22.24			
		665.5	24.24	23.34	22.32			
	1RB_12	695.5	24.40	23.49	22.47			
		680.5	24.29	23.40	22.44			
		665.5	24.36	23.40	22.48			
	1RB_0	695.5	24.24	23.39	22.29			
		680.5	24.17	23.26	22.22			
		665.5	24.16	23.18	22.29			
	12RB_13	695.5	23.40	22.40	21.47	23.5	22.5	21.5
		680.5	23.28	22.29	21.34			
		665.5	23.27	22.31	21.49			
	12RB_6	695.5	23.37	22.35	21.44			
		680.5	23.32	22.30	21.36			
		665.5	23.30	22.31	21.43			
	12RB_0	695.5	23.30	22.27	21.37			
		680.5	23.27	22.27	21.35			
		665.5	23.20	22.22	21.35			
	25RB_0	695.5	23.38	22.38	21.41			
		680.5	23.28	22.29	21.33			
		665.5	23.22	22.26	21.42			



Power Level A1/B1/C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
10 MHz	1RB_49	693.0	24.30	23.45	22.39	24.5	23.5	22.5
		680.5	24.27	23.39	22.31			
		668.0	24.26	23.37	22.34			
	1RB_24	693.0	24.37	23.46	22.49			
		680.5	24.32	23.45	22.37			
		668.0	24.36	23.46	22.41			
	1RB_0	693.0	24.23	23.40	22.28			
		680.5	24.21	23.34	22.23			
		668.0	24.25	23.25	22.25			
	25RB_25	693.0	23.46	22.48	21.45	23.5	22.5	21.5
		680.5	23.34	22.37	21.38			
		668.0	23.35	22.44	21.47			
	25RB_12	693.0	23.38	22.41	21.41			
		680.5	23.34	22.34	21.37			
		668.0	23.30	22.31	21.39			
	25RB_0	693.0	23.43	22.44	21.45			
		680.5	23.37	22.37	21.41			
		668.0	23.30	22.31	21.36			
	50RB_0	693.0	23.45	22.44	21.46			
		680.5	23.36	22.37	21.40			
		668.0	23.32	22.40	21.45			



Power Level A1/B1/C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
15 MHz	1RB_74	690.5	24.34	23.43	22.39	24.5	23.5	22.5
		680.5	24.33	23.43	22.37			
		670.5	24.25	23.40	21.62			
	1RB_37	690.5	24.29	23.36	22.33			
		680.5	24.25	23.35	22.30			
		670.5	24.27	23.39	21.57			
	1RB_0	690.5	24.19	23.27	22.30			
		680.5	24.22	23.31	22.27			
		670.5	24.22	23.25	21.62			
	36RB_38	690.5	23.45	22.41	21.47	23.5	22.5	21.5
		680.5	23.44	22.39	21.44			
		670.5	23.37	22.34	20.77			
	36RB_19	690.5	23.39	22.34	21.45			
		680.5	23.36	22.35	21.42			
		670.5	23.38	22.37	20.71			
	36RB_0	690.5	23.38	22.36	21.42			
		680.5	23.35	22.35	21.40			
		670.5	23.34	22.31	20.72			
	75RB_0	690.5	23.42	22.42	21.45			
		680.5	23.39	22.39	21.43			
		670.5	23.34	22.31	20.73			



Power Level A1/B1/C1								
LTE Band 71			Actual output Power (dBm)			Tune up		
Band -width	RB No. / RB offset	Frequency (MHz)	Modulation			Modulation		
			QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
20 MHz	1RB_99	688.0	24.35	23.41	22.42	24.5	23.5	22.5
		683.0	24.31	23.48	22.41			
		673.0	24.25	23.35	22.27			
	1RB_50	688.0	24.35	23.50	22.48			
		683.0	24.31	23.47	22.42			
		673.0	24.32	23.41	22.28			
	1RB_0	688.0	24.17	23.33	22.29			
		683.0	24.19	23.34	22.29			
		673.0	24.22	23.22	22.11			
	50RB_50	688.0	23.41	22.39	21.43	23.5	22.5	21.5
		683.0	23.40	22.40	21.42			
		673.0	23.32	22.28	21.28			
	50RB_25	688.0	23.38	22.40	21.43			
		683.0	23.38	22.37	21.41			
		673.0	23.31	22.32	21.34			
	50RB_0	688.0	23.29	22.32	21.33			
		683.0	23.37	22.41	21.40			
		673.0	23.19	22.22	21.31			
	100RB_0	688.0	23.37	22.36	21.38			
		683.0	23.37	22.41	21.41			
		673.0	23.22	22.22	21.26			

LTE UP-Link Carrier Aggregation

The device supports Inter-band and Intra-band uplink LTE Carrier Aggregation, and the detail for CA list is described in chapter 11.2. The conducted power measurement results of Intra-band uplink CA are provided as follow.

		Power Level A1														
Configure		CA List	PCC						SCC						Power	
			LTE	BW	UL	Mod.	UL#	UL	LTE	BW	UL	Mod.	UL#	UL	With CA	Without CA
			Band	(MHz)	Freq. (MHz)		RB	RB Offset	Band	(MHz)	Freq. (MHz)		RB	RB Offset	Tx. Power (dBm)	Tx. Power (dBm)
Intra-Band	Contiguous	CA_5B	Band 5	10M	836.5	QPSK	1	0	Band 5	5M	843.7	QPSK	1	0	23.57	23.68
		CA_66B	Band 66	10M	1715.0	QPSK	1	0	Band 66	10M	1724.9	QPSK	1	0	22.88	22.95
		CA_66C	Band 66	20M	1770.0	QPSK	1	0	Band 66	20M	1750.2	QPSK	1	0	22.91	22.97

		Power Level B1														
Configure		CA List	PCC						SCC						Power	
			LTE	BW	UL	Mod.	UL#	UL	LTE	BW	UL	Mod.	UL#	UL	With CA	Without CA
			Band	(MHz)	Freq. (MHz)		RB	RB Offset	Band	(MHz)	Freq. (MHz)		RB	RB Offset	Tx. Power (dBm)	Tx. Power (dBm)
Intra-Band	Contiguous	CA_5B	Band 5	10M	836.5	QPSK	1	0	Band 5	5M	843.7	QPSK	1	0	23.57	23.68
		CA_66B	Band 66	10M	1715.0	QPSK	1	0	Band 66	10M	1724.9	QPSK	1	0	17.94	18.00
		CA_66C	Band 66	20M	1770.0	QPSK	1	0	Band 66	20M	1750.2	QPSK	1	0	17.99	18.06

		Power Level C1														
Configure		CA List	PCC						SCC						Power	
			LTE	BW	UL	Mod.	UL#	UL	LTE	BW	UL	Mod.	UL#	UL	With CA	Without CA
			Band	(MHz)	Freq. (MHz)		RB	RB Offset	Band	(MHz)	Freq. (MHz)		RB	RB Offset	Tx. Power (dBm)	Tx. Power (dBm)
Intra-Band	Contiguous	CA_5B	Band 5	10M	836.5	QPSK	1	0	Band 5	5M	843.7	QPSK	1	0	23.57	23.68
		CA_66B	Band 66	10M	1715.0	QPSK	1	0	Band 66	10M	1724.9	QPSK	1	0	20.95	21.00
		CA_66C	Band 66	20M	1770.0	QPSK	1	0	Band 66	20M	1750.2	QPSK	1	0	20.98	21.04



LTE Down-Link Carrier Aggregation

The measurement results of down-link LTE 2CA Conducted Power are as below:

Configure	CA List	PCC							SCC				Power		
		LTE	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	Tx. Power (dBm)	Tx. Power (dBm)	
		Band	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel			
Intra-Band	Contiguous	CA_2C	Band 2	20M	1860	18700	QPSK	1	50	Band 2	20M	1959.8	898	22.75	22.84
		CA_5B	Band 5	10M	844	20600	QPSK	1	24	Band 5	10M	879.1	2501	23.61	23.65
		CA_66B	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	2188.2	67218	22.89	22.96
		CA_66C	Band 66	20M	1770	132572	QPSK	1	50	Band 66	20M	2170.2	67038	22.94	22.97
	Non-Contiguous	CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	22.79	22.84
		CA_4A-4A	Band 4	20M	1745	20300	QPSK	1	99	Band 4	5M	2112.5	1975	22.92	22.98
		CA_5A-5A	Band 5	10M	844	20600	QPSK	1	24	Band 5	5M	871.5	2425	23.58	23.65
		CA_66A-66A	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	22.91	22.97

10.4. Bluetooth and WLAN Measurement result

Table 10.6: The conducted Power measurement results for Bluetooth

Averaged Power (dBm)				
Mode	Tune up	Ch.0 (2402MHz)	Ch.39 (2441MHz)	Ch.78 (2480MHz)
GFSK	11.0	10.35	9.80	10.08
EDR2M-4_DQPSK	10.5	9.86	9.58	9.72
EDR3M-8DPSK	10.5	9.85	9.54	9.41
/	/	Ch.0 (2402MHz)	Ch.19 (2440MHz)	Ch.39 (2480MHz)
BLE(1M)	-1.5	-2.38	-1.91	-2.94
BLE(2M)	-1.5	-2.35	-1.87	-2.85

Table 10.7: The conducted Power measurement results for WLAN 2.4GHz

Power Level D1				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	18.5	17.54	17.61	17.56
802.11g	18.5	17.29	17.58	17.36
802.11n(20MHz)	18.5	17.21	17.51	17.33
Power Level E1/F1				
Averaged Power (dBm) Duty Cycle: 100%				
Mode	Tune up	Ch.1 (2412MHz)	Ch.6 (2437MHz)	Ch.11 (2462MHz)
802.11b	20.5	19.35	19.59	19.52
802.11g	19.0	17.73	18.01	17.94
802.11n(20MHz)	19.0	18.18	18.28	18.23

Table 10.8: The conducted Power measurement results for WLAN 5GHz

Power Level D1								
Averaged Power (dBm) Duty Cycle: 100%								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	18.0
36(5180MHz)	16.72	16.62	16.83	38(5190MHz)	16.34	16.42	42(5210MHz)	16.43
40(5200MHz)	16.95	16.79	16.43	46(5230MHz)	16.25	16.03	/	/
44(5220MHz)	16.98	16.72	16.51	/	/	/	/	/
48(5240MHz)	17.03	16.43	16.53	/	/	/	/	/
<U-NII-2A>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	17.0
52(5260MHz)	17.01	16.41	16.44	54(5270MHz)	16.21	16.31	58(5290MHz)	15.79
56(5280MHz)	16.97	16.22	16.35	62(5310MHz)	16.18	16.19	/	/
60(5300MHz)	16.94	16.17	16.32	/	/	/	/	/
64(5320MHz)	17.01	16.12	16.35	/	/	/	/	/
<U-NII-2C>								
Tune up	17.0	17.0	17.0	/	17.0	17.0	/	17.0
100(5500MHz)	16.17	16.02	16.11	102(5510MHz)	14.29	14.35	106(5530MHz)	13.21
116(5580MHz)	16.13	16.07	16.18	110(5550MHz)	15.68	15.84	122(5610MHz)	15.92
124(5620MHz)	16.15	16.12	16.22	126(5630MHz)	15.74	15.76	138(5690MHz)	15.86
132(5660MHz)	16.06	15.97	16.13	134(5670MHz)	15.62	15.92	/	/
140(5700MHz)	14.54	14.06	14.23	142(5710MHz)	15.58	15.83	/	/
144(5720MHz)	15.99	15.94	15.87					
<U-NII-3>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	18.0
149(5745MHz)	17.04	16.97	17.13	151(5755MHz)	16.65	16.74	155(5775MHz)	17.02
157(5785MHz)	17.07	17.06	17.15	159(5795MHz)	16.55	16.79	/	/
165(5825MHz)	17.01	17.05	17.09	/	/	/	/	/



Power Level E1								
Averaged Power (dBm) Duty Cycle: 100%								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	18.0
36(5180MHz)	16.72	16.62	16.83	38(5190MHz)	16.34	16.42	42(5210MHz)	16.43
40(5200MHz)	16.95	16.79	16.43	46(5230MHz)	16.25	16.03	/	/
44(5220MHz)	16.98	16.72	16.51	/	/	/	/	/
48(5240MHz)	17.03	16.43	16.53	/	/	/	/	/
<U-NII-2A>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	17.0
52(5260MHz)	17.01	16.41	16.44	54(5270MHz)	16.21	16.31	58(5290MHz)	15.79
56(5280MHz)	16.97	16.22	16.35	62(5310MHz)	16.18	16.19	/	/
60(5300MHz)	16.94	16.17	16.32	/	/	/	/	/
64(5320MHz)	17.01	16.12	16.35	/	/	/	/	/
<U-NII-2C>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	18.0
100(5500MHz)	16.17	16.57	16.78	102(5510MHz)	14.29	14.35	106(5530MHz)	13.21
116(5580MHz)	16.60	16.29	16.25	110(5550MHz)	16.56	16.57	122(5610MHz)	15.11
124(5620MHz)	17.06	16.12	16.22	126(5630MHz)	16.33	16.40	138(5690MHz)	16.49
132(5660MHz)	16.98	15.97	16.13	134(5670MHz)	16.12	15.23	/	/
140(5700MHz)	14.54	14.06	14.23	142(5710MHz)	16.01	16.48	/	/
144(5720MHz)	16.58	16.45	16.41					
<U-NII-3>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	18.0
149(5745MHz)	17.04	16.97	17.13	151(5755MHz)	16.65	16.74	155(5775MHz)	17.02
157(5785MHz)	17.07	17.06	17.15	159(5795MHz)	16.55	16.79	/	/
165(5825MHz)	17.01	17.05	17.09	/	/	/	/	/



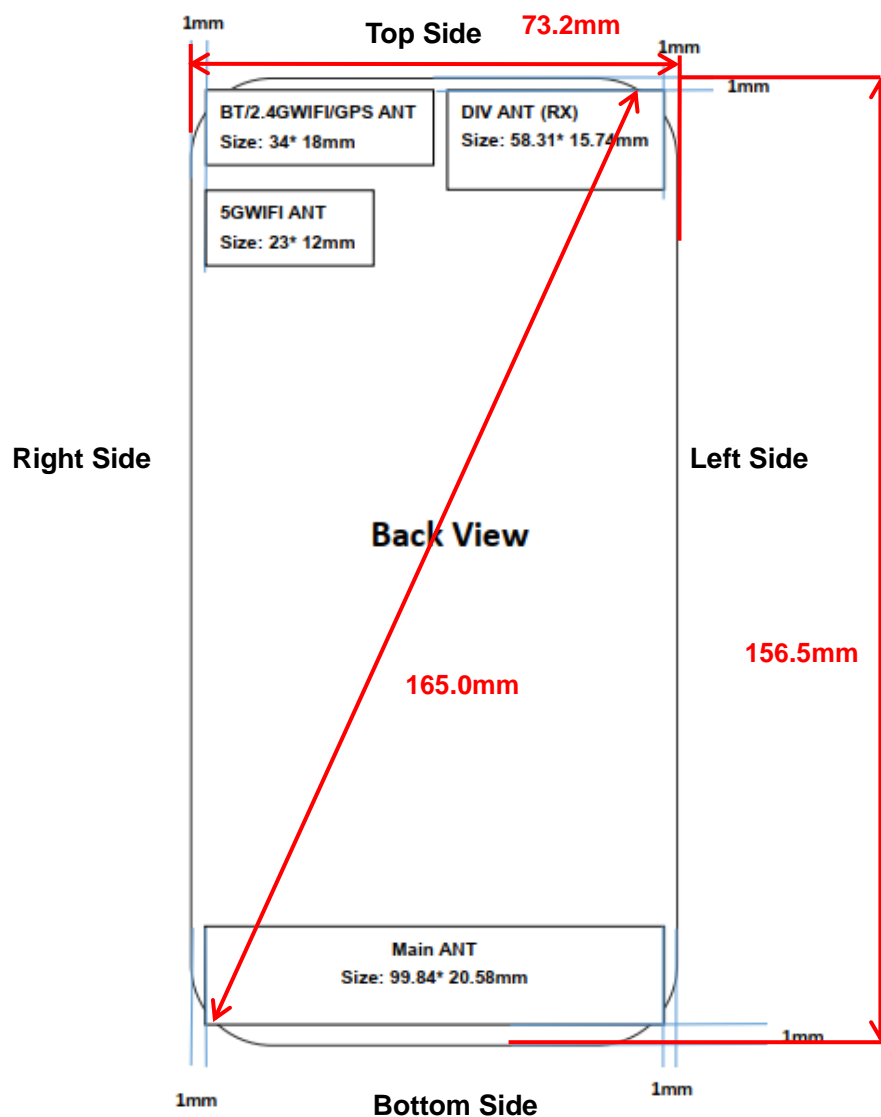
Power Level F1								
Averaged Power (dBm) Duty Cycle: 100%								
Mode	802.11a	802.11n -20MHz	802.11ac -20MHz	Mode	802.11n -40MHz	802.11ac -40MHz	Mode	802.11ac -80MHz
Channel	6Mbps	MCS0	MCS0	Channel	MCS0	MCS0	Channel	MCS0
<U-NII-1>								
Tune up	17.0	17.0	17.0	/	17.0	17.0	/	17.0
36(5180MHz)	15.87	15.83	15.96	38(5190MHz)	15.56	15.70	42(5210MHz)	15.82
40(5200MHz)	15.92	15.99	16.01	46(5230MHz)	15.54	15.75	/	/
44(5220MHz)	15.94	15.90	16.04	/	/	/	/	/
48(5240MHz)	15.94	15.93	16.06	/	/	/	/	/
<U-NII-2A>								
Tune up	17.0	17.0	17.0	/	17.0	17.0	/	17.0
52(5260MHz)	15.96	16.10	16.12	54(5270MHz)	15.62	15.88	58(5290MHz)	15.79
56(5280MHz)	16.02	16.13	16.21	62(5310MHz)	15.72	15.83	/	/
60(5300MHz)	16.04	16.16	16.23	/	/	/	/	/
64(5320MHz)	15.92	16.13	16.20	/	/	/	/	/
<U-NII-2C>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	18.0
100(5500MHz)	16.17	16.57	16.78	102(5510MHz)	14.29	14.35	106(5530MHz)	13.21
116(5580MHz)	16.60	16.29	16.25	110(5550MHz)	16.56	16.57	122(5610MHz)	15.11
124(5620MHz)	17.06	16.12	16.22	126(5630MHz)	16.33	16.40	138(5690MHz)	16.49
132(5660MHz)	16.98	15.97	16.13	134(5670MHz)	16.12	15.23	/	/
140(5700MHz)	14.54	14.06	14.23	142(5710MHz)	16.01	16.48	/	/
144(5720MHz)	16.58	16.45	16.41					
<U-NII-3>								
Tune up	18.0	18.0	18.0	/	18.0	18.0	/	18.0
149(5745MHz)	17.04	16.97	17.13	151(5755MHz)	16.65	16.74	155(5775MHz)	17.02
157(5785MHz)	17.07	17.06	17.15	159(5795MHz)	16.55	16.79	/	/
165(5825MHz)	17.01	17.05	17.09	/	/	/	/	/

11. Simultaneous TX SAR Considerations

11.1. Introduction

The following procedures adopted from “FCC SAR Considerations for Cell Phones with Multiple Transmitters” are applicable to handsets with built-in unlicensed transmitters such as 802.11 a/b/g and Bluetooth devices which may simultaneously transmit with the licensed transmitter. For this device, the Bluetooth and WLAN can transmit simultaneous with other transmitters.

11.2. Transmit Antenna Separation Distances



Picture 11.1 Antenna Locations (Back View)



11.3. SAR Measurement Positions

According to the KDB941225 D06 Hot Spot SAR, the edges with less than 25mm distance to the antennas need to be tested for SAR.

SAR measurement positions						
Antenna	Front	Rear	Left	Right	Top	Bottom
Main ANT	Yes	Yes	Yes	Yes	No	Yes
Bluetooth/WLAN2.4GHz	Yes	Yes	No	Yes	Yes	No
WLAN5GHz	Yes	Yes	No	Yes	Yes	No

12. Evaluation of Simultaneous

No.	Simultaneous Transmission Configuration
1	WWAN + Bluetooth
2	WWAN + WLAN 2.4GHz
3	WWAN + WLAN 5GHz
4	Bluetooth + WLAN 5GHz
5	WWAN + Bluetooth + WLAN 5GHz

According to the KDB 447498 D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR to peak location separation ratio. The ratio is determined by $(SAR1 + SAR2)^{1.5}/R_i$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion. When 10-g SAR applies, the ratio must be ≤ 0.10 .

Table 12.1: The sum of SAR values for WWAN and Bluetooth/WLAN Antenna

WWAN + WLAN 2.4GHz					
Position	WWAN (W/kg)		WLAN 2.4GHz (W/kg)	Sum (W/kg)	SPLSR
Rear (10mm)	LTE B41 PC2	1.18	0.58	1.76	Yes
WWAN + WLAN 5GHz + Bluetooth					
Position	WWAN (W/kg)		WLAN 5GHz + Bluetooth (W/kg)	Sum (W/kg)	SPLSR
Rear (10mm)	GSM850	0.63	1.31	1.94	Yes
	GSM1900	0.58	1.31	1.89	Yes
	WCDMA B2	0.74	1.31	2.05	Yes
	WCDMA B4	0.91	1.31	2.22	Yes
	WCDMA B5	0.52	1.31	1.83	Yes
	LTE B12	0.62	1.31	1.93	Yes
	LTE B13	0.61	1.31	1.92	Yes
	LTE B25/2	0.77	1.31	2.08	Yes
	LTE B26/5	0.39	1.31	1.70	Yes
	LTE B41 PC3	0.96	1.31	2.27	Yes
	LTE B41 PC2	1.18	1.31	2.49	Yes
	LTE B66/4	0.75	1.31	2.06	Yes
LTE B71	0.40	1.31	1.71	Yes	
Right (10mm)	LTE B13	0.78	0.83	1.61	Yes

SAR to peak Location Separation Ratio (SPLSR)

Band	Position	10g SAR (W/kg)	Gap (cm)	SAR peak location (m)			3D distance (mm)	Pair SAR sum (W/kg)	SPLSR	Simultaneous SAR
				X	Y	Z				
LTE B41 PC2	Rear (10mm)	1.18	10	-0.02	-0.0705	-0.205	163.3	1.76	0.014	Not required
WLAN 2.4GHz		0.58	10	-0.05	0.09	-0.205				
GSM 850	Rear (10mm)	0.63	10	-0.0365	0.072	-0.205	137.4	1.94	0.020	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				
GSM 1900	Rear (10mm)	0.58	10	-0.0245	0.0855	-0.205	147.3	1.89	0.018	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				
WCDMA B2	Rear (10mm)	0.74	10	-0.0135	0.085	-0.205	144.9	2.05	0.020	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				
WCDMA B4	Rear (10mm)	0.91	10	-0.015	0.085	-0.205	145.1	2.22	0.023	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				
WCDMA B5	Rear (10mm)	0.52	10	-0.027	-0.0015	-0.205	66.1	1.83	0.037	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				
LTE B12	Rear (10mm)	0.62	10	-0.04	0.024	-0.206	94.7	1.93	0.028	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				
LTE B13	Rear (10mm)	0.61	10	-0.0315	0.0135	-0.206	81.5	1.92	0.033	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				
LTE B25/2	Rear (10mm)	0.77	10	-0.0285	0.085	-0.205	147.7	2.08	0.020	Not required
WLAN 5GHz + Bluetooth		1.31	10	0.0065	-0.0585	-0.203				



LTE B26/5	Rear	0.39	10	-0.035	0.061	-0.205	126.5	1.70	0.018	Not required
WLAN 5GHz + Bluetooth	(10mm)	1.31	10	0.0065	-0.0585	-0.203				
LTE B41 PC3	Rear	0.96	10	-0.05	0.09	-0.205	158.9	2.27	0.022	Not required
WLAN 5GHz + Bluetooth	(10mm)	1.31	10	0.0065	-0.0585	-0.203				
LTE B41 PC2	Rear	1.18	10	-0.05	0.09	-0.205	158.9	2.49	0.025	Not required
WLAN 5GHz + Bluetooth	(10mm)	1.31	10	0.0065	-0.0585	-0.203				
LTE B66	Rear	0.75	10	-0.03	0.08	-0.205	143.2	2.06	0.021	Not required
WLAN 5GHz + Bluetooth	(10mm)	1.31	10	0.0065	-0.0585	-0.203				
LTE B71	Rear	0.40	10	-0.03	0.07	-0.205	133.6	1.71	0.017	Not required
WLAN 5GHz + Bluetooth	(10mm)	1.31	10	0.0065	-0.0585	-0.203				
LTE B13	Right	0.78	10	-0.032	0	-0.205	59.8	1.61	0.034	Not required
WLAN 5GHz + Bluetooth	(10mm)	0.83	10	-0.02	-0.0585	-0.203				

Table 12.2: Maximum Simultaneous Transmission SAR

/	Position	Sum (W/kg)
Highest reported SAR value for Head	Left Cheek (LTE Band 13 + WLAN 5GHz + Bluetooth)	1.59
Highest reported SAR value for Hotspot	Rear Side (LTE Band 41 PC3 + WLAN 2.4GHz)	1.54
Highest reported SAR value for Body-worn	Rear Side (WCDMA Band 4 + WLAN 5GHz + Bluetooth)	1.30
Highest reported SAR value for Extremity	Bottom Side (LTE Band 41 PC3 + Bluetooth/WLAN 2.4GHz/WLAN 5GHz)	3.33

Note: the test positions of above tables are for the worse case that has been evaluated.

Conclusion:

According to the above tables, the sum of reported SAR values is less than limit. So the simultaneous transmission SAR with volume scans is not required.

13. Summary of Test Results

According to the client's decision rule in the test registration form, which is "based on the measurement results as the basis of the conformity statement", the test conclusion of this report meets the limit requirements.

The calculated SAR is obtained by the following formula:

$$\text{Reported SAR} = \text{Measured SAR} \times 10^{(P_{\text{Target}} - P_{\text{Measured}})/10}$$

Where P_{Target} is the power of manufacturing upper limit;

P_{Measured} is the measured power in chapter 10.

General Note:

1. Per KDB648474 D04v01r03, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm, when hotspot mode applies, 10-g extremity SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg, however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.

a. WLAN5GHz U-NII-2A and U-NII-2C tested the product specific 10g SAR since it has no hotspot mode.

b. When 10-g product specific 10g SAR is considered, SAR thresholds is specified in the procedures for SAR test reduction and exclusion should be multiplied by 2.5.

2. B2: Battery (Ganfeng)

Duty Cycle

Mode	Duty Cycle
GSM	1:8.3
GPRS	1:4
WCDMA	1:1
FDD_LTE	1:1
TDD_LTE	1:1.58/1:2.31
Bluetooth	1:1
WLAN	1:1

13.1. Testing Environment

Temperature:	18°C~25°C
Relative humidity:	30%~70%
Ambient noise & Reflection:	< 0.012 W/kg

13.2. SAR results

Table 13.1: SAR Values (GSM850 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
190	836.6	Speech	Left Cheek	/	32.44	33.5	0.325	0.41	0.03
190	836.6	Speech	Left Tilt	/	32.44	33.5	0.168	0.21	0.01
190	836.6	Speech	Right Cheek	1	32.44	33.5	0.334	0.43	0.05
190	836.6	Speech	Right Tilt	/	32.44	33.5	0.145	0.19	0.16
190	836.6	Speech	Right Cheek	B2	32.44	33.5	0.293	0.37	-0.18

Table 13.2: SAR Values (GSM850 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
190	836.6	GPRS-2	Front	/	30.81	31.5	0.308	0.36	0.09
190	836.6	GPRS-2	Rear	2	30.81	31.5	0.536	0.63	0.12
190	836.6	GPRS-2	Left	/	30.81	31.5	0.311	0.36	0.03
190	836.6	GPRS-2	Right	/	30.81	31.5	0.357	0.42	0.12
190	836.6	GPRS-2	Bottom	/	30.81	31.5	0.158	0.19	0.07
190	836.6	GPRS-2	Rear	B2	30.81	31.5	0.533	0.62	-0.04
Body-Worn Test Data (15mm) - Power Level C1									
190	836.6	GPRS-2	Front	/	30.81	31.5	0.284	0.33	0.03
190	836.6	GPRS-2	Rear	/	30.81	31.5	0.354	0.41	0.08
190	836.6	GPRS-2	Rear	B2	30.81	31.5	0.308	0.36	0.11

Table 13.3: SAR Values (GSM1900 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
661	1880.0	Speech	Left Cheek	3	29.23	30.5	0.111	0.15	0.05
661	1880.0	Speech	Left Tilt	/	29.23	30.5	0.086	0.11	0.12
661	1880.0	Speech	Right Cheek	/	29.23	30.5	0.107	0.14	-0.04
661	1880.0	Speech	Right Tilt	/	29.23	30.5	0.062	0.08	0.06
661	1880.0	Speech	Left Cheek	B2	29.23	30.5	0.098	0.13	0.00

Table 13.4: SAR Values (GSM1900 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
661	1880.0	GPRS-2	Front	/	27.85	28.5	0.482	0.56	0.04
661	1880.0	GPRS-2	Rear	/	27.85	28.5	0.502	0.58	0.12
661	1880.0	GPRS-2	Left	/	27.85	28.5	0.139	0.16	0.03
661	1880.0	GPRS-2	Right	/	27.85	28.5	0.127	0.15	0.12
661	1880.0	GPRS-2	Bottom	/	27.85	28.5	0.857	1.00	0.04
810	1909.8	GPRS-2	Bottom	/	27.74	28.5	0.830	0.99	0.08
512	1850.2	GPRS-2	Bottom	4	27.80	28.5	0.916	1.08	0.06
512	1850.2	GPRS-2	Bottom	B2	27.80	28.5	0.907	1.07	0.07
Body-Worn Test Data (15mm) - Power Level C1									
661	1880.0	GPRS-2	Front	/	27.85	28.5	0.209	0.24	0.03
661	1880.0	GPRS-2	Rear	/	27.85	28.5	0.245	0.28	0.03
661	1880.0	GPRS-2	Rear	B2	27.85	28.5	0.225	0.26	0.05

Table 13.5: SAR Values (WCDMA Band 2 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
9400	1880.0	RMC	Left Cheek	/	23.30	24.0	0.213	0.25	-0.09
9400	1880.0	RMC	Left Tilt	/	23.30	24.0	0.165	0.19	0.06
9400	1880.0	RMC	Right Cheek	5	23.30	24.0	0.245	0.29	0.03
9400	1880.0	RMC	Right Tilt	/	23.30	24.0	0.117	0.14	-0.13
9400	1880.0	RMC	Right Cheek	B2	23.30	24.0	0.215	0.25	-0.04

Table 13.6: SAR Values (WCDMA Band 2 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
9400	1880.0	RMC	Front	/	20.50	21.5	0.388	0.49	-0.08
9400	1880.0	RMC	Rear	/	20.50	21.5	0.587	0.74	-0.12
9400	1880.0	RMC	Left	/	20.50	21.5	0.125	0.16	-0.18
9400	1880.0	RMC	Right	/	20.50	21.5	0.122	0.15	-0.05
9400	1880.0	RMC	Bottom	/	20.50	21.5	0.811	1.02	0.12
9538	1907.6	RMC	Bottom	/	20.50	21.5	0.706	0.89	0.13
9262	1852.4	RMC	Bottom	6	20.70	21.5	0.931	1.12	-0.16
9262	1852.4	RMC	Bottom	B2	20.70	21.5	0.892	1.07	0.02
Body-Worn Test Data (15mm) - Power Level C1									
9400	1880.0	RMC	Front	/	22.50	23.5	0.300	0.38	-0.16
9400	1880.0	RMC	Rear	/	22.50	23.5	0.385	0.48	0.11
9400	1880.0	RMC	Rear	B2	22.50	23.5	0.385	0.48	0.16

Table 13.7: SAR Values (WCDMA Band 4 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
1413	1732.6	RMC	Left Cheek	/	23.30	24.0	0.166	0.20	0.06
1413	1732.6	RMC	Left Tilt	/	23.30	24.0	0.145	0.17	0.16
1413	1732.6	RMC	Right Cheek	7	23.30	24.0	0.265	0.31	0.08
1413	1732.6	RMC	Right Tilt	/	23.30	24.0	0.129	0.15	0.05
1413	1732.6	RMC	Right Cheek	B2	23.30	24.0	0.233	0.27	0.05

Table 13.8: SAR Values (WCDMA Band 4 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
1413	1732.6	RMC	Front	/	18.70	19.5	0.389	0.47	-0.17
1413	1732.6	RMC	Rear	/	18.70	19.5	0.755	0.91	-0.04
1413	1732.6	RMC	Left	/	18.70	19.5	0.062	0.07	-0.01
1413	1732.6	RMC	Right	/	18.70	19.5	0.091	0.11	-0.18
1413	1732.6	RMC	Bottom	/	18.70	19.5	0.800	0.96	-0.19
1513	1752.6	RMC	Rear	/	18.80	19.5	0.713	0.84	0.14
1312	1712.4	RMC	Rear	/	18.60	19.5	0.741	0.91	-0.08
1513	1752.6	RMC	Bottom	/	18.80	19.5	0.756	0.89	-0.08
1312	1712.4	RMC	Bottom	8	18.60	19.5	0.903	1.11	-0.15
1312	1712.4	RMC	Bottom	B2	18.60	19.5	0.902	1.11	0.03
Body-Worn Test Data (15mm) - Power Level C1									
1413	1732.6	RMC	Front	/	21.50	22.5	0.376	0.47	0.03
1413	1732.6	RMC	Rear	/	21.50	22.5	0.623	0.78	0.07
1413	1732.6	RMC	Rear	B2	21.50	22.5	0.611	0.77	0.09

Table 13.9: SAR Values (WCDMA Band 5 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
4183	836.6	RMC	Left Cheek	9	22.80	24.0	0.296	0.39	0.04
4183	836.6	RMC	Left Tilt	/	22.80	24.0	0.146	0.19	0.12
4183	836.6	RMC	Right Cheek	/	22.80	24.0	0.274	0.36	0.03
4183	836.6	RMC	Right Tilt	/	22.80	24.0	0.124	0.16	0.01
4183	836.6	RMC	Left Cheek	B2	22.80	24.0	0.261	0.34	-0.16

Table 13.10: SAR Values (WCDMA Band 5 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
4183	836.6	RMC	Front	/	22.80	24.0	0.254	0.33	0.06
4183	836.6	RMC	Rear	10	22.80	24.0	0.394	0.52	-0.02
4183	836.6	RMC	Left	/	22.80	24.0	0.224	0.30	0.13
4183	836.6	RMC	Right	/	22.80	24.0	0.234	0.31	0.08
4183	836.6	RMC	Bottom	/	22.80	24.0	0.061	0.08	-0.07
4183	836.6	RMC	Rear	B2	22.80	24.0	0.280	0.37	0.11
Body-Worn Test Data (15mm) - Power Level C1									
4183	836.6	RMC	Front	/	22.80	24.0	0.256	0.34	0.08
4183	836.6	RMC	Rear	/	22.80	24.0	0.349	0.46	-0.02
4183	836.6	RMC	Rear	B2	22.80	24.0	0.255	0.34	0.09

Table 13.11: SAR Values (LTE Band 12 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
23060	704.0	1RB24	Left Cheek	/	23.91	24.5	0.278	0.32	-0.02
23060	704.0	25RB25	Left Cheek	/	22.90	23.5	0.259	0.30	-0.08
23060	704.0	1RB24	Left Tilt	/	23.91	24.5	0.160	0.18	-0.17
23060	704.0	25RB25	Left Tilt	/	22.90	23.5	0.267	0.31	-0.15
23060	704.0	1RB24	Right Cheek	11	23.91	24.5	0.303	0.35	0.06
23060	704.0	25RB25	Right Cheek	/	22.90	23.5	0.274	0.31	-0.12
23060	704.0	1RB24	Right Tilt	/	23.91	24.5	0.189	0.22	0.08
23060	704.0	25RB25	Right Tilt	/	22.90	23.5	0.174	0.20	-0.15
23060	704.0	1RB24	Right Cheek	B2	23.91	24.5	0.182	0.21	0.06

Table 13.12: SAR Values (LTE Band 12 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
23060	704.0	1RB24	Front	/	23.91	24.5	0.318	0.36	0.12
23060	704.0	25RB25	Front	/	22.90	23.5	0.297	0.34	0.06
23060	704.0	1RB24	Rear	12	23.91	24.5	0.541	0.62	-0.05
23060	704.0	25RB25	Rear	/	22.90	23.5	0.458	0.53	0.02
23060	704.0	1RB24	Left	/	23.91	24.5	0.369	0.42	0.12
23060	704.0	25RB25	Left	/	22.90	23.5	0.332	0.38	-0.11
23060	704.0	1RB24	Right	/	23.91	24.5	0.391	0.45	-0.03
23060	704.0	25RB25	Right	/	22.90	23.5	0.352	0.40	-0.19
23060	704.0	1RB24	Bottom	/	23.91	24.5	0.101	0.12	-0.11
23060	704.0	25RB25	Bottom	/	22.90	23.5	0.099	0.11	0.19
23060	704.0	1RB24	Rear	B2	23.91	24.5	0.484	0.55	0.08
Body-Worn Test Data (15mm) - Power Level C1									
23060	704.0	1RB24	Front	/	23.91	24.5	0.336	0.38	-0.03
23060	704.0	25RB25	Front	/	22.90	23.5	0.311	0.36	0.06
23060	704.0	1RB24	Rear	/	23.91	24.5	0.494	0.57	0.19
23060	704.0	25RB25	Rear	/	22.90	23.5	0.434	0.50	-0.15
23060	704.0	1RB24	Rear	B2	23.91	24.5	0.434	0.50	0.09

Table 13.13: SAR Values (LTE Band 13 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
23230	782.0	1RB24	Left Cheek	/	23.77	24.5	0.394	0.47	-0.05
23230	782.0	25RB12	Left Cheek	/	22.71	23.5	0.309	0.37	-0.10
23230	782.0	1RB24	Left Tilt	/	23.77	24.5	0.281	0.33	-0.06
23230	782.0	25RB12	Left Tilt	/	22.71	23.5	0.222	0.27	-0.03
23230	782.0	1RB24	Right Cheek	13	23.77	24.5	0.428	0.51	0.00
23230	782.0	25RB12	Right Cheek	/	22.71	23.5	0.296	0.36	-0.10
23230	782.0	1RB24	Right Tilt	/	23.77	24.5	0.253	0.30	-0.12
23230	782.0	25RB12	Right Tilt	/	22.71	23.5	0.204	0.24	0.12
23230	782.0	1RB24	Right Cheek	B2	23.77	24.5	0.336	0.40	0.11

Table 13.14: SAR Values (LTE Band 13 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
23230	782.0	1RB24	Front	/	23.77	24.5	0.417	0.49	0.12
23230	782.0	25RB12	Front	/	22.71	23.5	0.338	0.41	-0.06
23230	782.0	1RB24	Rear	/	23.77	24.5	0.516	0.61	0.02
23230	782.0	25RB12	Rear	/	22.71	23.5	0.429	0.51	0.06
23230	782.0	1RB24	Left	/	23.77	24.5	0.594	0.70	0.18
23230	782.0	25RB12	Left	/	22.71	23.5	0.464	0.56	0.03
23230	782.0	1RB24	Right	14	23.77	24.5	0.663	0.78	0.17
23230	782.0	25RB12	Right	/	22.71	23.5	0.513	0.62	0.04
23230	782.0	1RB24	Bottom	/	23.77	24.5	0.071	0.08	0.04
23230	782.0	25RB12	Bottom	/	22.71	23.5	0.058	0.07	-0.11
23230	782.0	1RB24	Right	B2	23.77	24.5	0.483	0.57	0.06
Body-Worn Test Data (15mm) - Power Level C1									
23230	782.0	1RB24	Front	/	23.77	24.5	0.361	0.43	0.17
23230	782.0	25RB12	Front	/	22.71	23.5	0.286	0.34	-0.13
23230	782.0	1RB24	Rear	/	23.77	24.5	0.448	0.53	0.09
23230	782.0	25RB12	Rear	/	22.71	23.5	0.361	0.43	0.06
23230	782.0	1RB24	Rear	B2	23.77	24.5	0.448	0.53	0.12

Table 13.15: SAR Values (LTE Band 25 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
26140	1860.0	1RB50	Left Cheek	/	22.82	24.0	0.247	0.32	0.11
26140	1860.0	50RB25	Left Cheek	/	21.82	23.0	0.188	0.25	-0.07
26140	1860.0	1RB50	Left Tilt	/	22.82	24.0	0.206	0.27	0.14
26140	1860.0	50RB25	Left Tilt	/	21.82	23.0	0.157	0.21	-0.17
26140	1860.0	1RB50	Right Cheek	15	22.82	24.0	0.309	0.41	-0.11
26140	1860.0	50RB25	Right Cheek	/	21.82	23.0	0.191	0.25	-0.19
26140	1860.0	1RB50	Right Tilt	/	22.82	24.0	0.176	0.23	-0.05
26140	1860.0	50RB25	Right Tilt	/	21.82	23.0	0.141	0.19	-0.07
26140	1860.0	1RB50	Right Cheek	B2	22.82	24.0	0.271	0.36	0.13

Note: SAR for LTE Band 2 is covered by LTE Band 25 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.16: SAR Values (LTE Band 25 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
26140	1860.0	1RB50	Front	/	20.01	21.5	0.397	0.56	-0.13
26140	1860.0	50RB25	Front	/	20.00	21.5	0.390	0.55	0.03
26140	1860.0	1RB50	Rear	/	20.01	21.5	0.544	0.77	-0.02
26140	1860.0	50RB25	Rear	/	20.00	21.5	0.534	0.75	-0.17
26140	1860.0	1RB50	Left	/	20.01	21.5	0.120	0.17	0.13
26140	1860.0	50RB25	Left	/	20.00	21.5	0.118	0.17	-0.15
26140	1860.0	1RB50	Right	/	20.01	21.5	0.119	0.17	-0.08
26140	1860.0	50RB25	Right	/	20.00	21.5	0.117	0.17	-0.09
26140	1860.0	1RB50	Bottom	16	20.01	21.5	0.787	1.11	0.16
26140	1860.0	50RB25	Bottom	/	20.00	21.5	0.773	1.09	0.11
26590	1905.0	1RB50	Bottom	/	19.95	21.5	0.617	0.88	0.07
26365	1882.5	1RB50	Bottom	/	19.94	21.5	0.693	0.99	0.18
26590	1905.0	50RB25	Bottom	/	19.89	21.5	0.589	0.85	-0.06
26365	1882.5	50RB25	Bottom	/	19.94	21.5	0.684	0.98	0.08
26140	1860.0	100RB	Bottom	/	19.92	21.5	0.765	1.10	-0.07
26140	1860.0	1RB50	Bottom	B2	20.01	21.5	0.769	1.08	0.13
Body-Worn Test Data (15mm) - Power Level C1									
26140	1860.0	1RB50	Front	/	21.88	23.5	0.294	0.43	-0.12
26140	1860.0	50RB25	Front	/	21.92	23.5	0.289	0.42	0.10
26140	1860.0	1RB50	Rear	/	21.88	23.5	0.420	0.61	-0.01
26140	1860.0	50RB25	Rear	/	21.92	23.5	0.413	0.59	0.17
26140	1860.0	1RB50	Rear	B2	21.88	23.5	0.413	0.60	-0.09

Note: SAR for LTE Band 2 is covered by LTE Band 25 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.

Table 13.17: SAR Values (LTE Band 26 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
26775	822.5	1RB74	Left Cheek	/	23.70	24.5	0.349	0.42	0.14
26775	822.5	36RB38	Left Cheek	/	22.73	23.5	0.261	0.31	-0.02
26775	822.5	1RB74	Left Tilt	/	23.70	24.5	0.150	0.18	0.19
26775	822.5	36RB38	Left Tilt	/	22.73	23.5	0.158	0.19	0.19
26775	822.5	1RB74	Right Cheek	17	23.70	24.5	0.365	0.44	-0.07
26775	822.5	36RB38	Right Cheek	/	22.73	23.5	0.231	0.28	0.16
26775	822.5	1RB74	Right Tilt	/	23.70	24.5	0.163	0.20	-0.05
26775	822.5	36RB38	Right Tilt	/	22.73	23.5	0.134	0.16	-0.02
26775	822.5	1RB74	Right Cheek	B2	23.70	24.5	0.286	0.34	-0.06

Table 13.18: SAR Values (LTE Band 26 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
26775	822.5	1RB74	Front	/	23.70	24.5	0.275	0.33	-0.12
26775	822.5	36RB38	Front	/	22.73	23.5	0.225	0.27	-0.17
26775	822.5	1RB74	Rear	18	23.70	24.5	0.326	0.39	-0.02
26775	822.5	36RB38	Rear	/	22.73	23.5	0.226	0.27	0.17
26775	822.5	1RB74	Left	/	23.70	24.5	0.232	0.28	0.13
26775	822.5	36RB38	Left	/	22.73	23.5	0.194	0.23	0.14
26775	822.5	1RB74	Right	/	23.70	24.5	0.251	0.30	-0.17
26775	822.5	36RB38	Right	/	22.73	23.5	0.202	0.24	-0.07
26775	822.5	1RB74	Bottom	/	23.70	24.5	0.069	0.08	-0.07
26775	822.5	36RB38	Bottom	/	22.73	23.5	0.055	0.07	-0.13
26775	822.5	1RB74	Rear	B2	23.70	24.5	0.325	0.39	0.11
Body-Worn Test Data (15mm) - Power Level C1									
26775	822.5	1RB74	Front	/	23.70	24.5	0.243	0.29	-0.16
26775	822.5	36RB38	Front	/	22.73	23.5	0.194	0.23	-0.13
26775	822.5	1RB74	Rear	/	23.70	24.5	0.293	0.35	0.04
26775	822.5	36RB38	Rear	/	22.73	23.5	0.238	0.28	0.16
26775	822.5	1RB74	Rear	B2	23.70	24.5	0.284	0.34	0.04

Note: SAR for LTE Band 5 is covered by LTE Band 26 due to similar frequency range, same maximum tune-up limit and same channel bandwidth.



Table 13.19: SAR Values (LTE Band 41 PC3 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
41490	2680.0	1RB50	Left Cheek	/	23.23	24.0	0.075	0.09	-0.06
41490	2680.0	50RB25	Left Cheek	/	22.26	23.0	0.056	0.07	0.03
41490	2680.0	1RB50	Left Tilt	/	23.23	24.0	0.050	0.06	0.08
41490	2680.0	50RB25	Left Tilt	/	22.26	23.0	0.079	0.09	-0.09
41490	2680.0	1RB50	Right Cheek	19	23.23	24.0	0.097	0.12	0.16
41490	2680.0	50RB25	Right Cheek	/	22.26	23.0	0.072	0.09	0.04
41490	2680.0	1RB50	Right Tilt	/	23.23	24.0	0.037	0.04	0.03
41490	2680.0	50RB25	Right Tilt	/	22.26	23.0	0.037	0.04	0.13
41490	2680.0	1RB50	Right Cheek	B2	23.23	24.0	0.091	0.11	0.08



Table 13.20: SAR Values (LTE Band 41 PC3 - Body)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Hotspot Test Data (10mm) - Power Level B1									
41490	2680.0	1RB50	Front	/	20.97	22.0	0.353	0.45	-0.09
41490	2680.0	50RB25	Front	/	20.94	22.0	0.309	0.39	-0.11
41490	2680.0	1RB50	Rear	/	20.97	22.0	0.754	0.96	0.04
41490	2680.0	50RB25	Rear	/	20.94	22.0	0.706	0.90	0.02
41490	2680.0	1RB50	Left	/	20.97	22.0	0.046	0.06	-0.04
41490	2680.0	50RB25	Left	/	20.94	22.0	0.045	0.06	0.07
41490	2680.0	1RB50	Right	/	20.97	22.0	0.071	0.09	0.10
41490	2680.0	50RB25	Right	/	20.94	22.0	0.066	0.08	-0.02
41490	2680.0	1RB50	Bottom	20	20.97	22.0	0.967	1.23	0.09
41490	2680.0	50RB25	Bottom	/	20.94	22.0	0.948	1.21	-0.10
41055	2636.5	1RB50	Rear	/	20.89	22.0	0.651	0.84	-0.09
40620	2593.0	1RB50	Rear	/	20.87	22.0	0.679	0.88	-0.02
40185	2549.5	1RB50	Rear	/	20.91	22.0	0.731	0.94	0.06
39750	2506.0	1RB50	Rear	/	20.80	22.0	0.568	0.75	0.06
41055	2636.5	50RB25	Rear	/	20.92	22.0	0.639	0.82	0.13
40620	2593.0	50RB25	Rear	/	20.85	22.0	0.666	0.87	-0.18
40185	2549.5	50RB25	Rear	/	20.82	22.0	0.717	0.94	0.16
39750	2506.0	50RB25	Rear	/	20.83	22.0	0.557	0.73	0.02
41055	2636.5	1RB50	Bottom	/	20.89	22.0	0.835	1.08	-0.12
40620	2593.0	1RB50	Bottom	/	20.87	22.0	0.871	1.13	0.06
40185	2549.5	1RB50	Bottom	/	20.91	22.0	0.937	1.20	0.08
39750	2506.0	1RB50	Bottom	/	20.80	22.0	0.728	0.96	0.15
41055	2636.5	50RB25	Bottom	/	20.92	22.0	0.819	1.05	-0.03
40620	2593.0	50RB25	Bottom	/	20.85	22.0	0.854	1.11	-0.05
40185	2549.5	50RB25	Bottom	/	20.82	22.0	0.919	1.21	0.07
39750	2506.0	50RB25	Bottom	/	20.83	22.0	0.714	0.93	0.13
41490	2680.0	100RB	Bottom	/	20.89	22.0	0.801	1.03	0.10
41490	2680.0	1RB50	Bottom	B2	20.97	22.0	0.908	1.15	0.02
Body-Worn Test Data (15mm) - Power Level C1									
41490	2680.0	1RB50	Front	/	21.46	22.5	0.186	0.24	-0.04
41490	2680.0	50RB25	Front	/	21.46	22.5	0.178	0.23	-0.06
41490	2680.0	1RB50	Rear	/	21.46	22.5	0.401	0.51	0.06
41490	2680.0	50RB25	Rear	/	21.46	22.5	0.394	0.50	-0.07
41490	2680.0	1RB50	Rear	B2	21.46	22.5	0.384	0.49	0.02



Table 13.21: SAR Values (LTE Band 41 PC2 - Head)

Frequency		Test Mode	Test Position	Figure No./ Note	Conducted Power (dBm)	Max. tune-up Power (dBm)	Measured SAR(1g) (W/kg)	Reported SAR(1g) (W/kg)	Power Drift(dB)
Ch.	MHz								
Power Level A1									
41490	2680.0	1RB50	Left Cheek	/	26.23	27.0	0.097	0.12	-0.01
41490	2680.0	50RB25	Left Cheek	/	25.35	26.0	0.073	0.08	0.19
41490	2680.0	1RB50	Left Tilt	/	26.23	27.0	0.064	0.08	-0.09
41490	2680.0	50RB25	Left Tilt	/	25.35	26.0	0.102	0.12	-0.12
41490	2680.0	1RB50	Right Cheek	21	26.23	27.0	0.125	0.15	0.07
41490	2680.0	50RB25	Right Cheek	/	25.35	26.0	0.094	0.11	-0.15
41490	2680.0	1RB50	Right Tilt	/	26.23	27.0	0.048	0.06	-0.17
41490	2680.0	50RB25	Right Tilt	/	25.35	26.0	0.047	0.06	0.17
41490	2680.0	1RB50	Right Cheek	B2	26.23	27.0	0.124	0.15	0.18