

FCC SAR Test Report

LTE Band 12																	
Head																	
Ant-1																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		23060	23095	23130					Channel		23035	23095	23155		
		Frequency (MHz)		704	707.5	711					Frequency (MHz)		701.5	707.5	713.5		
10M	QPSK	1	0	23.98	23.94	23.96	0	25.0	5M	QPSK	1	0	23.96	23.84	23.95	0	25.0
		1	24	23.95	23.91	23.93	0	25.0			1	12	23.93	23.90	23.89	0	25.0
		1	49	23.83	23.79	23.81	0	25.0			1	24	23.77	23.79	23.73	0	25.0
		25	0	23.80	23.76	23.78	0	25.0			12	0	23.71	23.71	23.69	0	25.0
		25	12	23.72	23.68	23.70	0	25.0			12	6	23.64	23.64	23.65	0	25.0
		25	25	23.67	23.63	23.65	0	25.0			12	13	23.65	23.61	23.60	0	25.0
	16QAM	50	0	23.73	23.69	23.71	0	25.0		25	0	23.69	23.65	23.64	0	25.0	
		1	0	23.95	23.88	23.93	0	25.0		16QAM	1	0	23.80	23.82	23.92	0	25.0
		1	24	23.93	23.84	23.83	0	25.0			1	12	23.78	23.74	23.80	0	25.0
		1	49	23.77	23.78	23.80	0	25.0			1	24	23.73	23.65	23.79	0	25.0
		25	0	23.73	23.73	23.75	0	25.0			12	0	23.69	23.69	23.67	0	25.0
		25	12	23.63	23.66	23.60	0	25.0			12	6	23.66	23.56	23.59	0	25.0
	25	25	23.57	23.63	23.62	0	25.0	12			13	23.55	23.62	23.59	0	25.0	
	64QAM	50	0	23.71	23.59	23.67	0	25.0		25	0	23.63	23.62	23.61	0	25.0	
		1	0	23.88	23.88	23.90	0	25.0		64QAM	1	0	23.80	23.83	23.85	0	25.0
		1	24	23.91	23.85	23.83	0	25.0			1	12	23.85	23.78	23.88	0	25.0
		1	49	23.79	23.72	23.71	0	25.0			1	24	23.72	23.64	23.65	0	25.0
		25	0	23.77	23.71	23.69	0	25.0			12	0	23.63	23.64	23.65	0	25.0
25		12	23.71	23.65	23.62	0	25.0	12	6		23.64	23.66	23.62	0	25.0		
25	25	23.66	23.54	23.55	0	25.0	12	13	23.53		23.55	23.58	0	25.0			
3M	QPSK	1	0	23.89	23.83	23.80	0	25.0	1.4M	QPSK	1	0	23.75	23.81	23.69	0	25.0
		1	7	23.77	23.81	23.90	0	25.0			1	2	23.83	23.72	23.79	0	25.0
		1	14	23.65	23.63	23.73	0	25.0			1	5	23.67	23.75	23.59	0	25.0
		8	0	23.69	23.67	23.66	0	25.0			3	0	23.74	23.71	23.63	0	25.0
		8	3	23.56	23.52	23.67	0	25.0			3	1	23.62	23.57	23.57	0	25.0
		8	7	23.59	23.56	23.46	0	25.0			3	3	23.47	23.46	23.41	0	25.0
	16QAM	15	0	23.54	23.45	23.62	0	25.0		6	0	23.52	23.63	23.52	0	25.0	
		1	0	23.72	23.77	23.85	0	25.0		16QAM	1	0	23.85	23.70	23.83	0	25.0
		1	7	23.86	23.78	23.82	0	25.0			1	2	23.64	23.68	23.74	0	25.0
		1	14	23.63	23.56	23.72	0	25.0			1	5	23.64	23.48	23.47	0	25.0
		8	0	23.67	23.60	23.70	0	25.0			3	0	23.62	23.55	23.48	0	25.0
		8	3	23.50	23.53	23.61	0	25.0			3	1	23.48	23.45	23.42	0	25.0
	8	7	23.49	23.47	23.45	0	25.0	3			3	23.49	23.53	23.53	0	25.0	
	64QAM	15	0	23.63	23.51	23.65	0	25.0		6	0	23.52	23.48	23.55	0	25.0	
		1	0	23.82	23.85	23.75	0	25.0		64QAM	1	0	23.87	23.75	23.83	0	25.0
		1	7	23.76	23.75	23.76	0	25.0			1	2	23.86	23.68	23.81	0	25.0
		1	14	23.70	23.57	23.62	0	25.0			1	5	23.70	23.64	23.72	0	25.0
		8	0	23.59	23.58	23.65	0	25.0			3	0	23.48	23.61	23.65	0	25.0
8		3	23.54	23.48	23.42	0	25.0	3	1		23.61	23.61	23.44	0	25.0		
8	7	23.46	23.37	23.51	0	25.0	3	3	23.41		23.53	23.60	0	25.0			
		15	0	23.53	23.67	23.61	0	25.0	6	0	23.55	23.42	23.64	0	25.0		

FCC SAR Test Report

LTE Band 12																			
Body-Worn / Hotspot																			
Ant-0 / Ant-1																			
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power		
		Channel		23060	23095	23130					Channel		23035	23095	23155				
		Frequency (MHz)		704	707.5	711					Frequency (MHz)		701.5	707.5	713.5				
10M	QPSK	1	0	24.64	24.61	24.59	0	25.7	5M	QPSK	1	0	24.55	24.52	24.50	0	25.7		
		1	24	24.63	24.59	24.57	0	25.7			1	12	24.54	24.50	24.48	0	25.7		
		1	49	24.60	24.58	24.56	0	25.7			1	24	24.52	24.49	24.47	0	25.7		
		25	0	23.67	23.62	23.60	1	24.7			12	0	23.58	23.53	23.51	1	24.7		
		25	12	23.64	23.59	23.57	1	24.7			12	6	23.55	23.50	23.48	1	24.7		
		25	25	23.62	23.57	23.55	1	24.7			12	13	23.53	23.48	23.46	1	24.7		
	16QAM	50	0	23.65	23.60	23.58	1	24.7		25	0	23.56	23.51	23.49	1	24.7			
		1	0	23.66	23.62	23.61	1	24.7		1	0	23.57	23.53	23.52	1	24.7			
		1	24	23.65	23.60	23.59	1	24.7		1	12	23.56	23.51	23.50	1	24.7			
		1	49	23.63	23.59	23.58	1	24.7		1	24	23.53	23.50	23.49	1	24.7			
		25	0	22.69	22.61	22.62	2	23.7		12	0	22.60	22.52	22.53	2	23.7			
		25	12	22.66	22.58	22.59	2	23.7		12	6	22.57	22.49	22.50	2	23.7			
	64QAM	25	25	22.64	22.57	22.57	2	23.7		12	13	22.55	22.48	22.48	2	23.7			
		50	0	22.67	22.59	22.60	2	23.7		25	0	22.58	22.50	22.51	2	23.7			
		1	0	22.64	22.60	22.59	2	23.7		1	0	22.55	22.51	22.50	2	23.7			
		1	24	22.63	22.58	22.57	2	23.7		1	12	22.54	22.49	22.48	2	23.7			
		1	49	22.61	22.57	22.56	2	23.7		1	24	22.52	22.48	22.47	2	23.7			
		25	0	21.67	21.57	21.60	3	22.7		12	0	21.58	21.48	21.51	3	22.7			
	3M	QPSK	25	12	21.64	21.55	21.57	3		22.7	1.4M	QPSK	12	6	21.55	21.46	21.48	3	22.7
			25	25	21.62	21.54	21.55	3		22.7			12	6	21.55	21.46	21.48	3	22.7
			50	0	21.65	21.57	21.58	3		22.7			12	13	21.53	21.45	21.46	3	22.7
1			0	24.43	24.40	24.38	0	25.7	25	0			21.56	21.48	21.49	3	22.7		
1			7	24.42	24.38	24.36	0	25.7	1	0			23.38	23.34	23.33	1	24.7		
1			14	24.40	24.37	24.35	0	25.7	1	2			23.37	23.32	23.31	1	24.7		
16QAM		8	0	23.46	23.41	23.39	1	24.7	1	5		23.34	23.31	23.30	1	24.7			
		8	3	23.43	23.38	23.36	1	24.7	3	0		23.30	23.22	23.23	1	24.7			
		8	7	23.41	23.36	23.34	1	24.7	3	1		23.27	23.19	23.20	1	24.7			
		15	0	23.44	23.39	23.37	1	24.7	3	3		23.25	23.18	23.18	1	24.7			
		1	0	23.45	23.41	23.40	1	24.7	6	0		23.37	23.32	23.30	1	24.7			
		1	7	23.44	23.39	23.38	1	24.7	1	0		23.38	23.34	23.33	1	24.7			
64QAM		1	14	23.41	23.38	23.37	1	24.7	1	2		23.37	23.32	23.31	1	24.7			
		8	0	22.48	22.40	22.41	2	23.7	1	5		23.34	23.31	23.30	1	24.7			
		8	3	22.45	22.37	22.38	2	23.7	3	0		23.30	23.22	23.23	1	24.7			
		8	7	22.43	22.36	22.36	2	23.7	3	1		23.27	23.19	23.20	1	24.7			
		15	0	22.46	22.38	22.39	2	23.7	3	3		23.25	23.18	23.18	1	24.7			
		1	0	22.43	22.39	22.38	2	23.7	6	0		22.39	22.31	22.32	2	23.7			
1.4M		QPSK	1	7	22.42	22.37	22.36	2	23.7	1.4M		QPSK	1	0	22.36	22.32	22.31	2	23.7
			1	14	22.40	22.36	22.35	2	23.7				1	2	22.35	22.30	22.29	2	23.7
			8	0	21.46	21.36	21.39	3	22.7				1	5	22.33	22.29	22.28	2	23.7
	8		3	21.43	21.34	21.36	3	22.7	3		0		22.28	22.18	22.21	2	23.7		
	8		7	21.41	21.33	21.34	3	22.7	3		1		22.25	22.16	22.18	2	23.7		
	15		0	21.44	21.36	21.37	3	22.7	3		3		22.23	22.15	22.16	2	23.7		
	16QAM	1	0	21.37	21.37	21.37	3	22.7	16QAM		6	0	21.37	21.29	21.30	3	22.7		
		1	7	21.36	21.36	21.36	3	22.7			1	0	22.36	22.32	22.31	2	23.7		
		1	14	21.36	21.36	21.36	3	22.7			1	2	22.35	22.30	22.29	2	23.7		
		8	0	21.36	21.36	21.36	3	22.7			1	5	22.33	22.29	22.28	2	23.7		
		8	3	21.36	21.36	21.36	3	22.7			3	0	22.28	22.18	22.21	2	23.7		
		8	7	21.36	21.36	21.36	3	22.7			3	1	22.25	22.16	22.18	2	23.7		
		15	0	21.36	21.36	21.36	3	22.7			3	3	22.23	22.15	22.16	2	23.7		
		64QAM	1	0	21.36	21.36	21.36	3			22.7	64QAM	6	0	21.37	21.29	21.30	3	22.7
			1	7	21.36	21.36	21.36	3			22.7		1	0	22.36	22.32	22.31	2	23.7
1	14		21.36	21.36	21.36	3	22.7	1	2	22.35	22.30		22.29	2	23.7				
8	0		21.36	21.36	21.36	3	22.7	1	5	22.33	22.29		22.28	2	23.7				
8	3		21.36	21.36	21.36	3	22.7	3	0	22.28	22.18		22.21	2	23.7				
8	7		21.36	21.36	21.36	3	22.7	3	1	22.25	22.16		22.18	2	23.7				

FCC SAR Test Report

LTE Band 13																
Head																
Ant-0																
BW	MCS Index	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	
		Channel							23230	Channel		23205	23230			23255
		Frequency (MHz)							782	Frequency (MHz)		779.5	782			784.5
10M	QPSK	1	0	24.15	0	25.3	5M	QPSK	1	0	24.02	24.06	23.99	0	25.3	
		1	24	24.26	0	25.3			1	12	24.13	24.17	24.10	0	25.3	
		1	49	24.06	0	25.3			1	24	23.93	23.97	23.90	0	25.3	
		25	0	23.25	1	24.3			12	0	23.12	23.16	23.09	1	24.3	
		25	12	23.29	1	24.3			12	6	23.16	23.20	23.13	1	24.3	
		25	25	23.21	1	24.3			12	13	23.08	23.12	23.05	1	24.3	
	16QAM	1	0	23.13	1	24.3		16QAM	1	0	23.00	23.04	22.97	1	24.3	
		1	24	23.24	1	24.3			1	12	23.11	23.15	23.08	1	24.3	
		1	49	23.04	1	24.3			1	24	22.91	22.95	22.88	1	24.3	
		25	0	22.23	2	23.3			12	0	22.10	22.14	22.07	2	23.3	
		25	12	22.27	2	23.3			12	6	22.14	22.18	22.11	2	23.3	
		25	25	22.19	2	23.3			12	13	22.06	22.10	22.03	2	23.3	
	64QAM	1	0	22.15	2	23.3		64QAM	1	0	22.02	22.06	21.99	2	23.3	
		1	24	22.26	2	23.3			1	12	22.13	22.17	22.10	2	23.3	
		1	49	22.06	2	23.3			1	24	21.93	21.97	21.90	2	23.3	
		25	0	21.25	3	22.3			12	0	21.12	21.16	21.09	3	22.3	
		25	12	21.29	3	22.3			12	6	21.16	21.20	21.13	3	22.3	
		25	25	21.21	3	22.3			12	13	21.08	21.12	21.05	3	22.3	
	50	0	21.23	3	22.3	25		0	21.10	21.14	21.07	3	22.3			

LTE Band 13																
Head																
Ant-1																
BW	MCS Index	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	
		Channel							23230	Channel		23205	23230			23255
		Frequency (MHz)							782	Frequency (MHz)		779.5	782			784.5
10M	QPSK	1	0	23.41	0	24.5	5M	QPSK	1	0	23.33	23.35	23.29	0	24.5	
		1	24	23.48	0	24.5			1	12	23.35	23.37	23.31	0	24.5	
		1	49	23.37	0	24.5			1	24	23.29	23.31	23.25	0	24.5	
		25	0	23.34	0	24.5			12	0	23.26	23.28	23.22	0	24.5	
		25	12	23.38	0	24.5			12	6	23.28	23.30	23.24	0	24.5	
		25	25	23.31	0	24.5			12	13	23.22	23.24	23.18	0	24.5	
	16QAM	1	0	23.31	0	24.5		16QAM	1	0	23.24	23.30	23.21	0	24.5	
		1	24	23.40	0	24.5			1	12	23.27	23.28	23.24	0	24.5	
		1	49	23.35	0	24.5			1	24	23.27	23.24	23.24	0	24.5	
		25	0	23.24	0	24.5			12	0	23.18	23.21	23.22	0	24.5	
		25	12	23.33	0	24.5			12	6	23.25	23.30	23.22	0	24.5	
		25	25	23.21	0	24.5			12	13	23.14	23.22	23.13	0	24.5	
	64QAM	1	0	23.41	0	24.5		64QAM	1	0	23.25	23.34	23.26	0	24.5	
		1	24	23.46	0	24.5			1	12	23.30	23.32	23.23	0	24.5	
		1	49	23.30	0	24.5			1	24	23.27	23.24	23.24	0	24.5	
		25	0	23.33	0	24.5			12	0	23.26	23.18	23.21	0	24.5	
		25	12	23.34	0	24.5			12	6	23.27	23.29	23.21	0	24.5	
		25	25	23.30	0	24.5			12	13	23.18	23.17	23.16	0	24.5	
	50	0	23.26	0	24.5	25		0	23.23	23.24	23.16	0	24.5			

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LTE Band 13																
Body-Worn / Hotspot																
Ant-0 / Ant-1																
BW	MCS Index	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	
		Channel							23230	Channel		23205	23230			23255
		Frequency (MHz)							782	Frequency (MHz)		779.5	782			784.5
10M	QPSK	1	0	24.15	0	25.3	5M	QPSK	1	0	24.02	24.06	23.99	0	25.3	
		1	24	24.26	0	25.3			1	12	24.13	24.17	24.10	0	25.3	
		1	49	24.06	0	25.3			1	24	23.93	23.97	23.90	0	25.3	
		25	0	23.25	1	24.3			12	0	23.12	23.16	23.09	1	24.3	
		25	12	23.29	1	24.3			12	6	23.16	23.20	23.13	1	24.3	
		25	25	23.21	1	24.3			12	13	23.08	23.12	23.05	1	24.3	
	16QAM	1	0	23.13	1	24.3		16QAM	1	0	23.00	23.04	22.97	1	24.3	
		1	24	23.24	1	24.3			1	12	23.11	23.15	23.08	1	24.3	
		1	49	23.04	1	24.3			1	24	22.91	22.95	22.88	1	24.3	
		25	0	22.23	2	23.3			12	0	22.10	22.14	22.07	2	23.3	
		25	12	22.27	2	23.3			12	6	22.14	22.18	22.11	2	23.3	
		25	25	22.19	2	23.3			12	13	22.06	22.10	22.03	2	23.3	
	64QAM	1	0	22.15	2	23.3		64QAM	1	0	22.02	22.06	21.99	2	23.3	
		1	24	22.26	2	23.3			1	12	22.13	22.17	22.10	2	23.3	
		1	49	22.06	2	23.3			1	24	21.93	21.97	21.90	2	23.3	
		25	0	21.25	3	22.3			12	0	21.12	21.16	21.09	3	22.3	
		25	12	21.29	3	22.3			12	6	21.16	21.20	21.13	3	22.3	
		25	25	21.21	3	22.3			12	13	21.08	21.12	21.05	3	22.3	
	50	0	21.23	3	22.3	25		0	21.10	21.14	21.07	3	22.3			

LTE Band 14																
Head / Body-Worn / Hotspot																
Ant-0 / Ant-1																
BW	MCS Index	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	
		Channel							23330	Channel		23305	23330			23355
		Frequency (MHz)							793	Frequency (MHz)		790.5	793			795.5
10M	QPSK	1	0	24.47	0	25.5	5M	QPSK	1	0	24.30	24.38	24.34	0	25.5	
		1	24	24.49	0	25.5			1	12	24.32	24.40	24.36	0	25.5	
		1	49	24.41	0	25.5			1	24	24.24	24.32	24.28	0	25.5	
		25	0	23.49	1	24.5			12	0	23.32	23.40	23.36	1	24.5	
		25	12	23.44	1	24.5			12	6	23.27	23.35	23.31	1	24.5	
		25	25	23.41	1	24.5			12	13	23.24	23.32	23.28	1	24.5	
	16QAM	1	0	23.46	1	24.5		16QAM	1	0	23.29	23.37	23.33	1	24.5	
		1	24	23.48	1	24.5			1	12	23.31	23.39	23.35	1	24.5	
		1	49	23.40	1	24.5			1	24	23.23	23.31	23.27	1	24.5	
		25	0	22.48	2	23.5			12	0	22.31	22.39	22.35	2	23.5	
		25	12	22.43	2	23.5			12	6	22.26	22.34	22.30	2	23.5	
		25	25	22.40	2	23.5			12	13	22.23	22.31	22.27	2	23.5	
	64QAM	1	0	22.43	2	23.5		64QAM	1	0	22.26	22.34	22.30	2	23.5	
		1	24	22.45	2	23.5			1	12	22.28	22.36	22.32	2	23.5	
		1	49	22.37	2	23.5			1	24	22.20	22.28	22.24	2	23.5	
		25	0	21.45	3	22.5			12	0	21.28	21.36	21.32	3	22.5	
		25	12	21.40	3	22.5			12	6	21.23	21.31	21.27	3	22.5	
		25	25	21.37	3	22.5			12	13	21.20	21.28	21.24	3	22.5	
	50	0	21.44	3	22.5	25		0	21.27	21.35	21.31	3	22.5			

FCC SAR Test Report

LTE Band 17																	
Head																	
Ant-0																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		23780	23790	23800					Channel		23755	23790	23825		
		Frequency (MHz)		709	710	711					Frequency (MHz)		706.5	710	713.5		
10M	QPSK	1	0	24.65	24.63	24.62	0	25.7	5M	QPSK	1	0	24.53	24.51	24.50	0	25.7
		1	24	24.63	24.61	24.60	0	25.7			1	12	24.51	24.49	24.48	0	25.7
		1	49	24.61	24.59	24.58	0	25.7			1	24	24.49	24.47	24.46	0	25.7
		25	0	23.67	23.65	23.64	1	24.7			12	0	23.55	23.53	23.52	1	24.7
		25	12	23.65	23.63	23.62	1	24.7			12	6	23.53	23.51	23.50	1	24.7
		25	25	23.63	23.61	23.60	1	24.7			12	13	23.51	23.49	23.48	1	24.7
	16QAM	50	0	23.64	23.62	23.61	1	24.7		25	0	23.52	23.50	23.49	1	24.7	
		1	0	23.63	23.61	23.60	1	24.7		1	0	23.51	23.49	23.48	1	24.7	
		1	24	23.61	23.59	23.58	1	24.7		1	12	23.49	23.47	23.46	1	24.7	
		1	49	23.59	23.57	23.56	1	24.7		1	24	23.47	23.45	23.44	1	24.7	
		25	0	22.65	22.63	22.62	2	23.7		12	0	22.53	22.51	22.50	2	23.7	
		25	12	22.63	22.61	22.60	2	23.7		12	6	22.51	22.49	22.48	2	23.7	
	64QAM	25	25	22.61	22.59	22.58	2	23.7		12	13	22.49	22.47	22.46	2	23.7	
		50	0	22.62	22.60	22.59	2	23.7		25	0	22.50	22.48	22.47	2	23.7	
		1	0	22.65	22.63	22.62	2	23.7		1	0	22.53	22.51	22.50	2	23.7	
		1	24	22.63	22.61	22.60	2	23.7		1	12	22.51	22.49	22.48	2	23.7	
		1	49	22.61	22.59	22.58	2	23.7		1	24	22.49	22.47	22.46	2	23.7	
		25	0	21.67	21.65	21.64	3	22.7		12	0	21.55	21.53	21.52	3	22.7	
	64QAM	25	12	21.65	21.63	21.62	3	22.7		12	6	21.53	21.51	21.50	3	22.7	
		25	25	21.63	21.61	21.60	3	22.7		12	13	21.51	21.49	21.48	3	22.7	
		50	0	21.64	21.62	21.61	3	22.7		25	0	21.52	21.50	21.49	3	22.7	

LTE Band 17																	
Head																	
Ant-1																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		23780	23790	23800					Channel		23755	23790	23825		
		Frequency (MHz)		709	710	711					Frequency (MHz)		706.5	710	713.5		
10M	QPSK	1	0	23.76	23.72	23.74	0	25.0	5M	QPSK	1	0	23.68	23.64	23.66	0	25.0
		1	24	23.73	23.69	23.71	0	25.0			1	12	23.65	23.61	23.63	0	25.0
		1	49	23.61	23.57	23.59	0	25.0			1	24	23.53	23.49	23.51	0	25.0
		25	0	23.58	23.54	23.56	0	25.0			12	0	23.50	23.46	23.48	0	25.0
		25	12	23.50	23.46	23.48	0	25.0			12	6	23.42	23.38	23.40	0	25.0
		25	25	23.45	23.41	23.43	0	25.0			12	13	23.37	23.33	23.35	0	25.0
	16QAM	50	0	23.51	23.47	23.49	0	25.0		25	0	23.43	23.39	23.41	0	25.0	
		1	0	23.71	23.67	23.69	0	25.0		1	0	23.63	23.59	23.61	0	25.0	
		1	24	23.68	23.64	23.66	0	25.0		1	12	23.60	23.56	23.58	0	25.0	
		1	49	23.56	23.52	23.54	0	25.0		1	24	23.48	23.44	23.46	0	25.0	
		25	0	23.53	23.49	23.51	0	25.0		12	0	23.45	23.41	23.43	0	25.0	
		25	12	23.45	23.41	23.43	0	25.0		12	6	23.37	23.33	23.35	0	25.0	
	64QAM	25	25	23.40	23.36	23.38	0	25.0		12	13	23.32	23.28	23.30	0	25.0	
		50	0	23.46	23.42	23.44	0	25.0		25	0	23.38	23.34	23.36	0	25.0	
		1	0	23.68	23.64	23.66	0	25.0		1	0	23.60	23.56	23.58	0	25.0	
		1	24	23.65	23.61	23.63	0	25.0		1	12	23.57	23.53	23.55	0	25.0	
		1	49	23.53	23.49	23.51	0	25.0		1	24	23.45	23.41	23.43	0	25.0	
		25	0	23.50	23.46	23.48	0	25.0		12	0	23.42	23.38	23.40	0	25.0	
	64QAM	25	12	23.42	23.38	23.40	0	25.0		12	6	23.34	23.30	23.32	0	25.0	
		25	25	23.37	23.33	23.35	0	25.0		12	13	23.29	23.25	23.27	0	25.0	
		50	0	23.43	23.39	23.41	0	25.0		25	0	23.35	23.31	23.33	0	25.0	

FCC SAR Test Report

LTE Band 17																	
Body-Worn / Hotspot																	
Ant-0 / Ant-1																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel	23780	23790	23800	Channel					23755	23790	23825				
		Frequency (MHz)	709	710	711	Frequency (MHz)					706.5	710	713.5				
10M	QPSK	1	0	24.65	24.63	24.62	0	25.7	5M	QPSK	1	0	24.53	24.51	24.50	0	25.7
		1	24	24.63	24.61	24.60	0	25.7			1	12	24.51	24.49	24.48	0	25.7
		1	49	24.61	24.59	24.58	0	25.7			1	24	24.49	24.47	24.46	0	25.7
		25	0	23.67	23.65	23.64	1	24.7			12	0	23.55	23.53	23.52	1	24.7
		25	12	23.65	23.63	23.62	1	24.7			12	6	23.53	23.51	23.50	1	24.7
		25	25	23.63	23.61	23.60	1	24.7			12	13	23.51	23.49	23.48	1	24.7
		50	0	23.64	23.62	23.61	1	24.7			25	0	23.52	23.50	23.49	1	24.7
	16QAM	1	0	23.63	23.61	23.60	1	24.7		16QAM	1	0	23.51	23.49	23.48	1	24.7
		1	24	23.61	23.59	23.58	1	24.7			1	12	23.49	23.47	23.46	1	24.7
		1	49	23.59	23.57	23.56	1	24.7			1	24	23.47	23.45	23.44	1	24.7
		25	0	22.65	22.63	22.62	2	23.7			12	0	22.53	22.51	22.50	2	23.7
		25	12	22.63	22.61	22.60	2	23.7			12	6	22.51	22.49	22.48	2	23.7
		25	25	22.61	22.59	22.58	2	23.7			12	13	22.49	22.47	22.46	2	23.7
		50	0	22.62	22.60	22.59	2	23.7			25	0	22.50	22.48	22.47	2	23.7
	64QAM	1	0	22.65	22.63	22.62	2	23.7		64QAM	1	0	22.53	22.51	22.50	2	23.7
		1	24	22.63	22.61	22.60	2	23.7			1	12	22.51	22.49	22.48	2	23.7
		1	49	22.61	22.59	22.58	2	23.7			1	24	22.49	22.47	22.46	2	23.7
		25	0	21.67	21.65	21.64	3	22.7			12	0	21.55	21.53	21.52	3	22.7
		25	12	21.65	21.63	21.62	3	22.7			12	6	21.53	21.51	21.50	3	22.7
		25	25	21.63	21.61	21.60	3	22.7			12	13	21.51	21.49	21.48	3	22.7
		50	0	21.64	21.62	21.61	3	22.7			25	0	21.52	21.50	21.49	3	22.7

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LTE Band 25																	
Head																	
Ant-0																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		26140	26365	26590					Channel		26115	26365	26615		
		Frequency (MHz)		1860	1882.5	1905					Frequency (MHz)		1857.5	1882.5	1907.5		
20M	QPSK	1	0	24.58	24.31	24.61	0	25.7	15M	QPSK	1	0	24.46	24.19	24.49	0	25.7
		1	50	24.66	24.62	24.69	0	25.7			1	37	24.54	24.50	24.57	0	25.7
		1	99	24.55	24.51	24.62	0	25.7			1	74	24.43	24.39	24.50	0	25.7
		50	0	23.65	23.62	23.67	1	24.7			36	0	23.53	23.50	23.55	1	24.7
		50	25	23.67	23.66	23.69	1	24.7			36	19	23.55	23.54	23.57	1	24.7
		50	50	23.63	23.61	23.64	1	24.7			36	39	23.51	23.49	23.52	1	24.7
	100	0	23.66	23.63	23.68	1	24.7	75		0	23.54	23.51	23.56	1	24.7		
	16QAM	1	0	23.56	23.29	23.59	1	24.7		16QAM	1	0	23.44	23.17	23.47	1	24.7
		1	50	23.64	23.60	23.67	1	24.7			1	37	23.52	23.48	23.55	1	24.7
		1	99	23.53	23.49	23.60	1	24.7			1	74	23.41	23.37	23.48	1	24.7
		50	0	22.63	22.60	22.65	2	23.7			36	0	22.51	22.48	22.53	2	23.7
		50	25	22.65	22.64	22.67	2	23.7			36	19	22.53	22.52	22.55	2	23.7
		50	50	22.61	22.59	22.62	2	23.7			36	39	22.49	22.47	22.50	2	23.7
	100	0	22.64	22.61	22.66	2	23.7	75		0	22.52	22.49	22.54	2	23.7		
	64QAM	1	0	22.58	22.31	22.61	2	23.7		64QAM	1	0	22.46	22.19	22.49	2	23.7
		1	50	22.66	22.62	22.69	2	23.7			1	37	22.54	22.50	22.57	2	23.7
		1	99	22.55	22.51	22.62	2	23.7			1	74	22.43	22.39	22.50	2	23.7
		50	0	21.65	21.62	21.67	3	22.7			36	0	21.53	21.50	21.55	3	22.7
50		25	21.67	21.66	21.69	3	22.7	36	19		21.55	21.54	21.57	3	22.7		
50		50	21.63	21.61	21.64	3	22.7	36	39		21.51	21.49	21.52	3	22.7		
100	0	21.66	21.63	21.68	3	22.7	75	0	21.54	21.51	21.56	3	22.7				
10M	QPSK	1	0	24.37	24.10	24.40	0	25.7	5M	QPSK	1	0	24.25	23.98	24.28	0	25.7
		1	24	24.45	24.41	24.48	0	25.7			1	12	24.33	24.29	24.36	0	25.7
		1	49	24.34	24.30	24.41	0	25.7			1	24	24.22	24.18	24.29	0	25.7
		25	0	23.44	23.41	23.46	1	24.7			12	0	23.32	23.29	23.34	1	24.7
		25	12	23.46	23.45	23.48	1	24.7			12	6	23.34	23.33	23.36	1	24.7
		25	25	23.42	23.40	23.43	1	24.7			12	13	23.30	23.28	23.31	1	24.7
	50	0	23.45	23.42	23.47	1	24.7	25		0	23.33	23.30	23.35	1	24.7		
	16QAM	1	0	23.35	23.08	23.38	1	24.7		16QAM	1	0	23.23	22.96	23.26	1	24.7
		1	24	23.43	23.39	23.46	1	24.7			1	12	23.31	23.27	23.34	1	24.7
		1	49	23.32	23.28	23.39	1	24.7			1	24	23.20	23.16	23.27	1	24.7
		25	0	22.42	22.39	22.44	2	23.7			12	0	22.30	22.27	22.32	2	23.7
		25	12	22.44	22.43	22.46	2	23.7			12	6	22.32	22.31	22.34	2	23.7
		25	25	22.40	22.38	22.41	2	23.7			12	13	22.28	22.26	22.29	2	23.7
	50	0	22.43	22.40	22.45	2	23.7	25		0	22.31	22.28	22.33	2	23.7		
	64QAM	1	0	22.37	22.10	22.40	2	23.7		64QAM	1	0	22.25	21.98	22.28	2	23.7
		1	24	22.45	22.41	22.48	2	23.7			1	12	22.33	22.29	22.36	2	23.7
		1	49	22.34	22.30	22.41	2	23.7			1	24	22.22	22.18	22.29	2	23.7
		25	0	21.44	21.41	21.46	3	22.7			12	0	21.32	21.29	21.34	3	22.7
25		12	21.46	21.45	21.48	3	22.7	12	6		21.34	21.33	21.36	3	22.7		
25		25	21.42	21.40	21.43	3	22.7	12	13		21.30	21.28	21.31	3	22.7		
50	0	21.45	21.42	21.47	3	22.7	25	0	21.33	21.30	21.35	3	22.7				
3M	QPSK	1	0	24.26	23.99	24.29	0	25.7	1.4M	QPSK	1	0	24.15	23.88	24.18	0	25.7
		1	7	24.34	24.30	24.37	0	25.7			1	2	24.23	24.19	24.26	0	25.7
		1	14	24.23	24.19	24.30	0	25.7			1	5	24.12	24.08	24.19	0	25.7
		8	0	23.33	23.30	23.35	1	24.7			3	0	24.11	24.08	24.13	0	25.7
		8	3	23.35	23.34	23.37	1	24.7			3	1	24.13	24.12	24.15	0	25.7
		8	7	23.31	23.29	23.32	1	24.7			3	3	24.09	24.07	24.10	0	25.7
	15	0	23.34	23.31	23.36	1	24.7	6		0	23.23	23.20	23.25	1	24.7		
	16QAM	1	0	23.24	22.97	23.27	1	24.7		16QAM	1	0	23.13	22.86	23.16	1	24.7
		1	7	23.32	23.28	23.35	1	24.7			1	2	23.21	23.17	23.24	1	24.7
		1	14	23.21	23.17	23.28	1	24.7			1	5	23.10	23.06	23.17	1	24.7
		8	0	22.31	22.28	22.33	2	23.7			3	0	23.09	23.06	23.11	1	24.7
		8	3	22.33	22.32	22.35	2	23.7			3	1	23.11	23.10	23.13	1	24.7
		8	7	22.29	22.27	22.30	2	23.7			3	3	23.07	23.05	23.08	1	24.7
	15	0	22.32	22.29	22.34	2	23.7	6		0	22.21	22.18	22.23	2	23.7		
	64QAM	1	0	22.26	21.99	22.29	2	23.7		64QAM	1	0	22.15	21.88	22.18	2	23.7
		1	7	22.34	22.30	22.37	2	23.7			1	2	22.23	22.19	22.26	2	23.7
		1	14	22.23	22.19	22.30	2	23.7			1	5	22.12	22.08	22.19	2	23.7
		8	0	21.33	21.30	21.35	3	22.7			3	0	22.11	22.08	22.13	2	23.7
8		3	21.35	21.34	21.37	3	22.7	3	1		22.13	22.12	22.15	2	23.7		
8		7	21.31	21.29	21.32	3	22.7	3	3		22.09	22.07	22.10	2	23.7		
15	0	21.34	21.31	21.36	3	22.7	6	0	21.23	21.20	21.25	3	22.7				

FCC SAR Test Report

LTE Band 25																	
Head																	
Ant-1																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		26140	26365	26590					Channel		26115	26365	26615		
		Frequency (MHz)		1860	1882.5	1905					Frequency (MHz)		1857.5	1882.5	1907.5		
20M	QPSK	1	0	19.82	19.83	19.86	0	20.5	15M	QPSK	1	0	19.75	19.74	19.80	0	20.5
		1	50	19.83	19.84	19.89	0	20.5			1	37	19.78	19.76	19.80	0	20.5
		1	99	19.81	19.82	19.86	0	20.5			1	74	19.81	19.75	19.78	0	20.5
		50	0	19.83	19.84	19.85	0	20.5			36	0	19.75	19.74	19.75	0	20.5
		50	25	19.86	19.87	19.88	0	20.5			36	19	19.82	19.87	19.79	0	20.5
		50	50	19.84	19.86	19.87	0	20.5			36	39	19.75	19.80	19.77	0	20.5
	100	0	19.81	19.82	19.84	0	20.5	75		0	19.81	19.72	19.80	0	20.5		
	16QAM	1	0	19.72	19.79	19.83	0	20.5		16QAM	1	0	19.68	19.71	19.76	0	20.5
		1	50	19.75	19.75	19.80	0	20.5			1	37	19.73	19.65	19.71	0	20.5
		1	99	19.78	19.79	19.78	0	20.5			1	74	19.77	19.71	19.70	0	20.5
		50	0	19.77	19.80	19.78	0	20.5			36	0	19.73	19.71	19.78	0	20.5
		50	25	19.83	19.82	19.78	0	20.5			36	19	19.78	19.72	19.69	0	20.5
		50	50	19.79	19.79	19.79	0	20.5			36	39	19.73	19.71	19.77	0	20.5
	100	0	19.79	19.79	19.81	0	20.5	75		0	19.77	19.70	19.72	0	20.5		
	64QAM	1	0	19.78	19.76	19.81	0	20.5		64QAM	1	0	19.66	19.69	19.77	0	20.5
		1	50	19.77	19.75	19.86	0	20.5			1	37	19.73	19.70	19.79	0	20.5
		1	99	19.74	19.72	19.78	0	20.5			1	74	19.69	19.70	19.71	0	20.5
		50	0	19.74	19.77	19.80	0	20.5			36	0	19.82	19.69	19.71	0	20.5
50		25	19.81	19.79	19.79	0	20.5	36	19		19.75	19.69	19.78	0	20.5		
50		50	19.81	19.79	19.81	0	20.5	36	39		19.77	19.78	19.78	0	20.5		
100	0	19.72	19.73	19.79	0	20.5	75	0	19.63	19.72	19.80	0	20.5				
10M	QPSK	1	0	19.76	19.81	19.83	0	20.5	5M	QPSK	1	0	19.74	19.83	19.83	0	20.5
		1	24	19.75	19.79	19.83	0	20.5			1	12	19.73	19.77	19.86	0	20.5
		1	49	19.78	19.75	19.77	0	20.5			1	24	19.80	19.74	19.79	0	20.5
		25	0	19.76	19.79	19.75	0	20.5			12	0	19.75	19.76	19.76	0	20.5
		25	12	19.82	19.79	19.88	0	20.5			12	6	19.78	19.86	19.87	0	20.5
		25	25	19.80	19.82	19.82	0	20.5			12	13	19.82	19.78	19.84	0	20.5
	50	0	19.81	19.80	19.82	0	20.5	25		0	19.78	19.77	19.80	0	20.5		
	16QAM	1	0	19.66	19.71	19.76	0	20.5		16QAM	1	0	19.67	19.72	19.76	0	20.5
		1	24	19.68	19.66	19.80	0	20.5			1	12	19.75	19.70	19.74	0	20.5
		1	49	19.71	19.78	19.76	0	20.5			1	24	19.70	19.71	19.77	0	20.5
		25	0	19.75	19.74	19.72	0	20.5			12	0	19.76	19.75	19.77	0	20.5
		25	12	19.82	19.77	19.74	0	20.5			12	6	19.73	19.80	19.70	0	20.5
		25	25	19.77	19.70	19.73	0	20.5			12	13	19.78	19.77	19.69	0	20.5
	50	0	19.79	19.78	19.72	0	20.5	25		0	19.78	19.75	19.79	0	20.5		
	64QAM	1	0	19.71	19.68	19.71	0	20.5		64QAM	1	0	19.70	19.77	19.68	0	20.5
		1	24	19.75	19.71	19.84	0	20.5			1	12	19.74	19.69	19.73	0	20.5
		1	49	19.70	19.74	19.83	0	20.5			1	24	19.73	19.74	19.83	0	20.5
		25	0	19.74	19.76	19.68	0	20.5			12	0	19.66	19.71	19.79	0	20.5
25		12	19.80	19.76	19.72	0	20.5	12	6		19.75	19.79	19.84	0	20.5		
25		25	19.71	19.71	19.76	0	20.5	12	13		19.68	19.77	19.77	0	20.5		
50	0	19.68	19.67	19.83	0	20.5	25	0	19.73	19.81	19.79	0	20.5				
3M	QPSK	1	0	19.75	19.75	19.79	0	20.5	1.4M	QPSK	1	0	19.78	19.76	19.78	0	20.5
		1	7	19.82	19.76	19.88	0	20.5			1	2	19.79	19.82	19.81	0	20.5
		1	14	19.71	19.80	19.84	0	20.5			1	5	19.73	19.79	19.78	0	20.5
		8	0	19.80	19.84	19.84	0	20.5			3	0	19.83	19.77	19.80	0	20.5
		8	3	19.83	19.83	19.85	0	20.5			3	1	19.84	19.79	19.81	0	20.5
		8	7	19.83	19.85	19.84	0	20.5			3	3	19.82	19.82	19.81	0	20.5
	15	0	19.78	19.80	19.84	0	20.5	6		0	19.80	19.76	19.84	0	20.5		
	16QAM	1	0	19.71	19.72	19.79	0	20.5		16QAM	1	0	19.62	19.75	19.77	0	20.5
		1	7	19.70	19.65	19.71	0	20.5			1	2	19.69	19.73	19.80	0	20.5
		1	14	19.78	19.71	19.68	0	20.5			1	5	19.69	19.73	19.73	0	20.5
		8	0	19.72	19.72	19.72	0	20.5			3	0	19.73	19.78	19.76	0	20.5
		8	3	19.81	19.73	19.72	0	20.5			3	1	19.81	19.81	19.71	0	20.5
		8	7	19.73	19.70	19.71	0	20.5			3	3	19.75	19.72	19.79	0	20.5
	15	0	19.77	19.69	19.79	0	20.5	6		0	19.78	19.77	19.77	0	20.5		
	64QAM	1	0	19.68	19.71	19.76	0	20.5		64QAM	1	0	19.77	19.75	19.71	0	20.5
		1	7	19.77	19.76	19.74	0	20.5			1	2	19.75	19.74	19.76	0	20.5
		1	14	19.79	19.72	19.72	0	20.5			1	5	19.73	19.75	19.75	0	20.5
		8	0	19.76	19.73	19.84	0	20.5			3	0	19.69	19.79	19.76	0	20.5
8		3	19.81	19.69	19.83	0	20.5	3	1		19.80	19.73	19.75	0	20.5		
8		7	19.72	19.75	19.73	0	20.5	3	3		19.79	19.74	19.79	0	20.5		
15	0	19.68	19.63	19.72	0	20.5	6	0	19.71	19.69	19.72	0	20.5				

FCC SAR Test Report

LTE Band 25																	
Body-Worn / Hotspot																	
Ant-0																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
				26140	26365	26590							26115	26365	26615		
				Channel	26140	26365							26590	Channel	26115		
				1860	1882.5	1905					1857.5	1882.5	1907.5				
20M	QPSK	1	0	24.58	24.31	24.61	0	25.7	15M	QPSK	1	0	24.46	24.19	24.49	0	25.7
		1	50	24.66	24.62	24.69	0	25.7			1	37	24.54	24.50	24.57	0	25.7
		1	99	24.55	24.51	24.62	0	25.7			1	74	24.43	24.39	24.50	0	25.7
		50	0	23.65	23.62	23.67	1	24.7			36	0	23.53	23.50	23.55	1	24.7
		50	25	23.67	23.66	23.69	1	24.7			36	19	23.55	23.54	23.57	1	24.7
		50	50	23.63	23.61	23.64	1	24.7			36	39	23.51	23.49	23.52	1	24.7
	100	0	23.66	23.63	23.68	1	24.7	75		0	23.54	23.51	23.56	1	24.7		
	16QAM	1	0	23.56	23.29	23.59	1	24.7		16QAM	1	0	23.44	23.17	23.47	1	24.7
		1	50	23.64	23.60	23.67	1	24.7			1	37	23.52	23.48	23.55	1	24.7
		1	99	23.53	23.49	23.60	1	24.7			1	74	23.41	23.37	23.48	1	24.7
		50	0	22.63	22.60	22.65	2	23.7			36	0	22.51	22.48	22.53	2	23.7
		50	25	22.65	22.64	22.67	2	23.7			36	19	22.53	22.52	22.55	2	23.7
		50	50	22.61	22.59	22.62	2	23.7			36	39	22.49	22.47	22.50	2	23.7
	100	0	22.64	22.61	22.66	2	23.7	75		0	22.52	22.49	22.54	2	23.7		
	64QAM	1	0	22.58	22.31	22.61	2	23.7		64QAM	1	0	22.46	22.19	22.49	2	23.7
		1	50	22.66	22.62	22.69	2	23.7			1	37	22.54	22.50	22.57	2	23.7
		1	99	22.55	22.51	22.62	2	23.7			1	74	22.43	22.39	22.50	2	23.7
		50	0	21.65	21.62	21.67	3	22.7			36	0	21.53	21.50	21.55	3	22.7
50		25	21.67	21.66	21.69	3	22.7	36	19		21.55	21.54	21.57	3	22.7		
50		50	21.63	21.61	21.64	3	22.7	36	39		21.51	21.49	21.52	3	22.7		
100	0	21.66	21.63	21.68	3	22.7	75	0	21.54	21.51	21.56	3	22.7				
10M	QPSK	1	0	24.37	24.10	24.40	0	25.7	5M	QPSK	1	0	24.25	23.98	24.28	0	25.7
		1	24	24.45	24.41	24.48	0	25.7			1	12	24.33	24.29	24.36	0	25.7
		1	49	24.34	24.30	24.41	0	25.7			1	24	24.22	24.18	24.29	0	25.7
		25	0	23.44	23.41	23.46	1	24.7			12	0	23.32	23.29	23.34	1	24.7
		25	12	23.46	23.45	23.48	1	24.7			12	6	23.34	23.33	23.36	1	24.7
		25	25	23.42	23.40	23.43	1	24.7			12	13	23.30	23.28	23.31	1	24.7
	50	0	23.45	23.42	23.47	1	24.7	25		0	23.33	23.30	23.35	1	24.7		
	16QAM	1	0	23.35	23.08	23.38	1	24.7		16QAM	1	0	23.23	22.96	23.26	1	24.7
		1	24	23.43	23.39	23.46	1	24.7			1	12	23.31	23.27	23.34	1	24.7
		1	49	23.32	23.28	23.39	1	24.7			1	24	23.20	23.16	23.27	1	24.7
		25	0	22.42	22.39	22.44	2	23.7			12	0	22.30	22.27	22.32	2	23.7
		25	12	22.44	22.43	22.46	2	23.7			12	6	22.32	22.31	22.34	2	23.7
		25	25	22.40	22.38	22.41	2	23.7			12	13	22.28	22.26	22.29	2	23.7
	50	0	22.43	22.40	22.45	2	23.7	25		0	22.31	22.28	22.33	2	23.7		
	64QAM	1	0	22.37	22.10	22.40	2	23.7		64QAM	1	0	22.25	21.98	22.28	2	23.7
		1	24	22.45	22.41	22.48	2	23.7			1	12	22.33	22.29	22.36	2	23.7
		1	49	22.34	22.30	22.41	2	23.7			1	24	22.22	22.18	22.29	2	23.7
		25	0	21.44	21.41	21.46	3	22.7			12	0	21.32	21.29	21.34	3	22.7
25		12	21.46	21.45	21.48	3	22.7	12	6		21.34	21.33	21.36	3	22.7		
25		25	21.42	21.40	21.43	3	22.7	12	13		21.30	21.28	21.31	3	22.7		
50	0	21.45	21.42	21.47	3	22.7	25	0	21.33	21.30	21.35	3	22.7				
3M	QPSK	1	0	24.26	23.99	24.29	0	25.7	1.4M	QPSK	1	0	24.15	23.88	24.18	0	25.7
		1	7	24.34	24.30	24.37	0	25.7			1	2	24.23	24.19	24.26	0	25.7
		1	14	24.23	24.19	24.30	0	25.7			1	5	24.12	24.08	24.19	0	25.7
		8	0	23.33	23.30	23.35	1	24.7			3	0	24.11	24.08	24.13	0	25.7
		8	3	23.35	23.34	23.37	1	24.7			3	1	24.13	24.12	24.15	0	25.7
		8	7	23.31	23.29	23.32	1	24.7			3	3	24.09	24.07	24.10	0	25.7
	15	0	23.34	23.31	23.36	1	24.7	6		0	23.23	23.20	23.25	1	24.7		
	16QAM	1	0	23.24	22.97	23.27	1	24.7		16QAM	1	0	23.13	22.86	23.16	1	24.7
		1	7	23.32	23.28	23.35	1	24.7			1	2	23.21	23.17	23.24	1	24.7
		1	14	23.21	23.17	23.28	1	24.7			1	5	23.10	23.06	23.17	1	24.7
		8	0	22.31	22.28	22.33	2	23.7			3	0	23.09	23.06	23.11	1	24.7
		8	3	22.33	22.32	22.35	2	23.7			3	1	23.11	23.10	23.13	1	24.7
		8	7	22.29	22.27	22.30	2	23.7			3	3	23.07	23.05	23.08	1	24.7
	15	0	22.32	22.29	22.34	2	23.7	6		0	22.21	22.18	22.23	2	23.7		
	64QAM	1	0	22.26	21.99	22.29	2	23.7		64QAM	1	0	22.15	21.88	22.18	2	23.7
		1	7	22.34	22.30	22.37	2	23.7			1	2	22.23	22.19	22.26	2	23.7
		1	14	22.23	22.19	22.30	2	23.7			1	5	22.12	22.08	22.19	2	23.7
		8	0	21.33	21.30	21.35	3	22.7			3	0	22.11	22.08	22.13	2	23.7
8		3	21.35	21.34	21.37	3	22.7	3	1		22.13	22.12	22.15	2	23.7		
8		7	21.31	21.29	21.32	3	22.7	3	3		22.09	22.07	22.10	2	23.7		
15	0	21.34	21.31	21.36	3	22.7	6	0	21.23	21.20	21.25	3	22.7				

FCC SAR Test Report

LTE Band 25																			
Body-Worn / Hotspot																			
Ant-1																			
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power		
				Channel	26140	26365							26590	Channel	26115			26365	26615
				Frequency (MHz)	1860	1882.5							1905	Frequency (MHz)	1857.5			1882.5	1907.5
20M	QPSK	1	0	19.63	19.71	19.73	0	20.7	15M	QPSK	1	0	19.59	19.67	19.69	0	20.7		
		1	50	19.67	19.75	19.77	0	20.7			1	37	19.63	19.71	19.73	0	20.7		
		1	99	19.65	19.73	19.75	0	20.7			1	74	19.61	19.69	19.71	0	20.7		
		50	0	19.58	19.66	19.68	0	20.7			36	0	19.54	19.62	19.64	0	20.7		
		50	25	19.64	19.72	19.74	0	20.7			36	19	19.60	19.68	19.70	0	20.7		
		50	50	19.61	19.69	19.71	0	20.7			36	39	19.57	19.65	19.67	0	20.7		
		100	0	19.57	19.65	19.67	0	20.7			75	0	19.53	19.61	19.63	0	20.7		
	16QAM	1	0	19.58	19.66	19.68	0	20.7		16QAM	1	0	19.54	19.62	19.64	0	20.7		
		1	50	19.62	19.70	19.72	0	20.7			1	37	19.58	19.66	19.68	0	20.7		
		1	99	19.60	19.68	19.70	0	20.7			1	74	19.56	19.64	19.66	0	20.7		
		50	0	19.53	19.61	19.63	0	20.7			36	0	19.49	19.57	19.59	0	20.7		
		50	25	19.59	19.67	19.69	0	20.7			36	19	19.55	19.63	19.65	0	20.7		
		50	50	19.56	19.64	19.66	0	20.7			36	39	19.52	19.60	19.62	0	20.7		
		100	0	19.52	19.60	19.62	0	20.7			75	0	19.48	19.56	19.58	0	20.7		
	64QAM	1	0	19.52	19.60	19.62	0	20.7		64QAM	1	0	19.48	19.56	19.58	0	20.7		
		1	50	19.56	19.64	19.66	0	20.7			1	37	19.52	19.60	19.62	0	20.7		
		1	99	19.54	19.62	19.64	0	20.7			1	74	19.50	19.58	19.60	0	20.7		
		50	0	19.47	19.55	19.57	0	20.7			36	0	19.43	19.51	19.53	0	20.7		
		50	25	19.53	19.61	19.63	0	20.7			36	19	19.49	19.57	19.59	0	20.7		
		50	50	19.50	19.58	19.60	0	20.7			36	39	19.46	19.54	19.56	0	20.7		
		100	0	19.46	19.54	19.56	0	20.7			75	0	19.42	19.50	19.52	0	20.7		
10M	QPSK	1	0	19.52	19.60	19.62	0	20.7	5M	QPSK	1	0	19.56	19.64	19.66	0	20.7		
		1	24	19.56	19.64	19.66	0	20.7			1	12	19.60	19.68	19.70	0	20.7		
		1	49	19.54	19.62	19.64	0	20.7			1	24	19.58	19.66	19.68	0	20.7		
		25	0	19.47	19.55	19.57	0	20.7			12	0	19.51	19.59	19.61	0	20.7		
		25	12	19.53	19.61	19.63	0	20.7			12	6	19.57	19.65	19.67	0	20.7		
		25	25	19.50	19.58	19.60	0	20.7			12	13	19.54	19.62	19.64	0	20.7		
		50	0	19.46	19.54	19.56	0	20.7			25	0	19.50	19.58	19.60	0	20.7		
	16QAM	1	0	19.47	19.55	19.57	0	20.7		16QAM	1	0	19.51	19.59	19.61	0	20.7		
		1	24	19.51	19.59	19.61	0	20.7			1	12	19.55	19.63	19.65	0	20.7		
		1	49	19.49	19.57	19.59	0	20.7			1	24	19.53	19.61	19.63	0	20.7		
		25	0	19.42	19.50	19.52	0	20.7			12	0	19.46	19.54	19.56	0	20.7		
		25	12	19.48	19.56	19.58	0	20.7			12	6	19.52	19.60	19.62	0	20.7		
		25	25	19.45	19.53	19.55	0	20.7			12	13	19.49	19.57	19.59	0	20.7		
		50	0	19.41	19.49	19.51	0	20.7			25	0	19.45	19.53	19.55	0	20.7		
	64QAM	1	0	19.41	19.49	19.51	0	20.7		64QAM	1	0	19.45	19.53	19.55	0	20.7		
		1	24	19.45	19.53	19.55	0	20.7			1	12	19.49	19.57	19.59	0	20.7		
		1	49	19.43	19.51	19.53	0	20.7			1	24	19.47	19.55	19.57	0	20.7		
		25	0	19.36	19.44	19.46	0	20.7			12	0	19.40	19.48	19.50	0	20.7		
		25	12	19.42	19.50	19.52	0	20.7			12	6	19.46	19.54	19.56	0	20.7		
		25	25	19.39	19.47	19.49	0	20.7			12	13	19.43	19.51	19.53	0	20.7		
		50	0	19.35	19.43	19.45	0	20.7			25	0	19.39	19.47	19.49	0	20.7		
3M	QPSK	1	0	19.47	19.55	19.57	0	20.7	1.4M	QPSK	1	0	19.43	19.51	19.53	0	20.7		
		1	7	19.51	19.59	19.61	0	20.7			1	2	19.47	19.55	19.57	0	20.7		
		1	14	19.49	19.57	19.59	0	20.7			1	5	19.45	19.53	19.55	0	20.7		
		8	0	19.42	19.50	19.52	0	20.7			3	0	19.38	19.46	19.48	0	20.7		
		8	3	19.48	19.56	19.58	0	20.7			3	1	19.44	19.52	19.54	0	20.7		
		8	7	19.45	19.53	19.55	0	20.7			3	3	19.41	19.49	19.51	0	20.7		
		15	0	19.41	19.49	19.51	0	20.7			6	0	19.37	19.45	19.47	0	20.7		
	16QAM	1	0	19.42	19.50	19.52	0	20.7		16QAM	1	0	19.38	19.46	19.48	0	20.7		
		1	7	19.46	19.54	19.56	0	20.7			1	2	19.42	19.50	19.52	0	20.7		
		1	14	19.44	19.52	19.54	0	20.7			1	5	19.40	19.48	19.50	0	20.7		
		8	0	19.37	19.45	19.47	0	20.7			3	0	19.33	19.41	19.43	0	20.7		
		8	3	19.43	19.51	19.53	0	20.7			3	1	19.39	19.47	19.49	0	20.7		
		8	7	19.40	19.48	19.50	0	20.7			3	3	19.36	19.44	19.46	0	20.7		
		15	0	19.36	19.44	19.46	0	20.7			6	0	19.32	19.40	19.42	0	20.7		
	64QAM	1	0	19.36	19.44	19.46	0	20.7		64QAM	1	0	19.32	19.40	19.42	0	20.7		
		1	7	19.40	19.48	19.50	0	20.7			1	2	19.36	19.44	19.46	0	20.7		
		1	14	19.38	19.46	19.48	0	20.7			1	5	19.34	19.42	19.44	0	20.7		
		8	0	19.31	19.39	19.41	0	20.7			3	0	19.27	19.35	19.37	0	20.7		
		8	3	19.37	19.45	19.47	0	20.7			3	1	19.33	19.41	19.43	0	20.7		
		8	7	19.34	19.42	19.44	0	20.7			3	3	19.30	19.38	19.40	0	20.7		
		15	0	19.30	19.38	19.40	0	20.7			6	0	19.26	19.34	19.36	0	20.7		

FCC SAR Test Report

LTE Band 26																																					
Head / Body-Worn / Hotspot																																					
Ant-0 / Ant-1																																					
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power																				
		Channel		26765	26865	26965					Channel		26740	26865	26990																						
		Frequency (MHz)		821.5	831.5	841.5					Frequency (MHz)		819	831.5	844																						
15M	QPSK	1	0	24.17	24.31	24.53	0	25.7	10M	QPSK	1	0	23.94	24.23	24.45	0	25.7	16QAM	1	0	22.86	23.15	23.37	1	24.7	64QAM	1	0	21.92	22.21	22.43	2	23.7				
		1	37	24.19	24.35	24.57	0	25.7			1	24	22.90	23.19	23.41	1	24.7		1	37	21.96	22.25	22.47	2	23.7												
		1	74	24.28	24.57	24.69	0	25.7			1	49	22.10	22.39	22.61	2	23.7		1	74	21.03	21.32	21.54	3	22.7												
		36	0	23.13	23.42	23.62	1	24.7			25	0	21.88	22.17	22.39	2	23.7		36	0	21.07	21.36	21.58	3	22.7												
		36	19	23.17	23.46	23.65	1	24.7			25	12	22.01	22.30	22.52	2	23.7		36	19	21.07	21.36	21.58	3	22.7												
		36	39	23.32	23.61	23.68	1	24.7			25	25	22.16	22.45	22.60	2	23.7		36	39	21.22	21.51	21.67	3	22.7												
		75	0	23.22	23.51	23.63	1	24.7			50	0	22.06	22.35	22.57	2	23.7		75	0	21.12	21.41	21.63	3	22.7												
	5M	QPSK	1	0	23.81	24.10	24.32	0		25.7	3M	QPSK	1	0	23.84	24.13	24.35	0	25.7	16QAM	1	0	22.72	23.05	23.27	1	24.7	64QAM	1	0	21.71	22.00	22.22	2	23.7		
			1	12	23.85	24.14	24.36	0		25.7			1	7	22.80	23.09	23.31	1	24.7		1	12	21.75	22.04	22.26	2	23.7										
			1	24	24.07	24.36	24.58	0		25.7			1	14	23.02	23.31	23.51	1	24.7		1	24	21.97	22.26	22.48	2	23.7										
			12	0	22.92	23.21	23.43	1		24.7			8	0	21.87	22.16	22.38	2	23.7		12	0	20.82	21.11	21.33	3	22.7										
			12	6	22.96	23.25	23.47	1		24.7			8	3	21.91	22.20	22.42	2	23.7		12	6	20.86	21.15	21.37	3	22.7										
			12	13	23.11	23.40	23.62	1		24.7			8	7	22.06	22.35	22.50	2	23.7		12	13	21.01	21.30	21.46	3	22.7										
			25	0	23.01	23.30	23.52	1		24.7			15	0	21.96	22.25	22.47	2	23.7		25	0	20.91	21.20	21.42	3	22.7										
		1.4M	QPSK	1	0	23.88	24.17	24.39		0		25.7	1.4M	QPSK	1	0	23.88	24.17	24.39	0	25.7	16QAM	1	0	22.80	23.09	23.31	1	24.7	64QAM	1	0	21.78	22.07	22.29	2	23.7
				1	2	23.92	24.21	24.43		0		25.7			1	2	22.84	23.13	23.35	1	24.7		1	2	21.82	22.11	22.33	2	23.7								
				1	5	24.14	24.43	24.65		0		25.7			1	5	23.06	23.35	23.55	1	24.7		1	5	22.04	22.33	22.55	2	23.7								
				3	0	23.77	24.06	24.28		0		25.7			3	0	22.73	23.02	23.24	1	24.7		3	0	21.71	22.00	22.22	2	23.7								
				3	1	23.81	24.10	24.32		0		25.7			3	1	22.77	23.06	23.28	1	24.7		3	1	21.75	22.04	22.26	2	23.7								
				3	3	23.96	24.25	24.47		0		25.7			3	3	22.92	23.21	23.36	1	24.7		3	3	21.90	22.19	22.35	2	23.7								
				6	0	23.08	23.37	23.59		1		24.7			6	0	22.00	22.29	22.51	2	23.7		6	0	20.98	21.27	21.49	3	22.7								

FCC SAR Test Report

LTE Band 30																
Head																
Ant-2 / Ant-3																
BW	MCS Index	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	
		Channel							27710	Channel		27685	27710			27735
		Frequency (MHz)							2310	Frequency (MHz)		2307.5	2310			2312.5
10M	QPSK	1	0	24.68	0	25.7	5M	QPSK	1	0	24.57	24.65	24.61	0	25.7	
		1	24	24.66	0	25.7			1	12	24.55	24.63	24.59	0	25.7	
		1	49	24.62	0	25.7			1	24	24.51	24.59	24.55	0	25.7	
		25	0	23.69	1	24.7			12	0	23.58	23.66	23.62	1	24.7	
		25	12	23.65	1	24.7			12	6	23.54	23.62	23.58	1	24.7	
		25	25	23.64	1	24.7			12	13	23.53	23.61	23.57	1	24.7	
	16QAM	50	0	23.66	1	24.7		25	0	23.55	23.63	23.59	1	24.7		
		1	0	23.63	1	24.7		1	0	23.52	23.60	23.56	1	24.7		
		1	24	23.61	1	24.7		1	12	23.50	23.58	23.54	1	24.7		
		1	49	23.57	1	24.7		1	24	23.46	23.54	23.50	1	24.7		
		25	0	22.64	2	23.7		12	0	22.53	22.61	22.57	2	23.7		
		25	12	22.60	2	23.7		12	6	22.49	22.57	22.53	2	23.7		
	64QAM	25	25	22.59	2	23.7		12	13	22.48	22.56	22.52	2	23.7		
		50	0	22.61	2	23.7		25	0	22.50	22.58	22.54	2	23.7		
		1	0	22.62	2	23.7		1	0	22.51	22.59	22.55	2	23.7		
		1	24	22.60	2	23.7		1	12	22.49	22.57	22.53	2	23.7		
		1	49	22.56	2	23.7		1	24	22.45	22.53	22.49	2	23.7		
		25	0	21.63	3	22.7		12	0	21.52	21.60	21.56	3	22.7		
	16QAM	25	12	21.59	3	22.7		12	6	21.48	21.56	21.52	3	22.7		
		25	25	21.58	3	22.7		12	13	21.47	21.55	21.51	3	22.7		
		50	0	21.60	3	22.7		25	0	21.49	21.57	21.53	3	22.7		

LTE Band 30																
Body-Worn / Hotspot																
Ant-2																
BW	MCS Index	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	
		Channel							27710	Channel		27685	27710			27735
		Frequency (MHz)							2310	Frequency (MHz)		2307.5	2310			2312.5
10M	QPSK	1	0	21.11	0	21.7	5M	QPSK	1	0	20.97	21.07	21.02	0	21.7	
		1	24	21.06	0	21.7			1	12	20.92	21.02	20.97	0	21.7	
		1	49	21.04	0	21.7			1	24	20.90	21.00	20.95	0	21.7	
		25	0	21.09	0	21.7			12	0	20.95	21.05	21.00	0	21.7	
		25	12	21.08	0	21.7			12	6	20.94	21.04	20.99	0	21.7	
		25	25	21.03	0	21.7			12	13	20.89	20.99	20.94	0	21.7	
	16QAM	50	0	21.01	0	21.7		25	0	20.87	20.97	20.92	0	21.7		
		1	0	21.06	0	21.7		1	0	20.87	20.97	20.92	0	21.7		
		1	24	21.01	0	21.7		1	12	20.85	20.95	20.90	0	21.7		
		1	49	20.99	0	21.7		1	24	20.90	21.00	20.95	0	21.7		
		25	0	21.04	0	21.7		12	0	20.89	20.99	20.94	0	21.7		
		25	12	21.03	0	21.7		12	6	20.84	20.94	20.89	0	21.7		
	64QAM	25	25	20.98	0	21.7		12	13	20.82	20.92	20.87	0	21.7		
		50	0	20.96	0	21.7		25	0	20.82	20.92	20.87	0	21.7		
		1	0	21.03	0	21.7		1	0	20.84	20.94	20.89	0	21.7		
		1	24	20.98	0	21.7		1	12	20.82	20.92	20.87	0	21.7		
		1	49	20.96	0	21.7		1	24	20.87	20.97	20.92	0	21.7		
		25	0	21.01	0	21.7		12	0	20.86	20.96	20.91	0	21.7		
	16QAM	25	12	21.00	0	21.7		12	6	20.81	20.91	20.86	0	21.7		
		25	25	20.95	0	21.7		12	13	20.79	20.89	20.84	0	21.7		
		50	0	20.93	0	21.7		25	0	20.79	20.89	20.84	0	21.7		

FCC SAR Test Report

LTE Band 30																
Body-Worn / Hotspot																
Ant-3																
BW	MCS Index	RB Size	RB Offset	Mid	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	
		Channel		27710					Channel		27685	27710	27735			
		Frequency (MHz)		2310					Frequency (MHz)		2307.5	2310	2312.5			
10M	QPSK	1	0	24.68	0	25.7	5M	QPSK	1	0	24.57	24.65	24.61	0	25.7	
		1	24	24.66	0	25.7			1	12	24.55	24.63	24.59	0	25.7	
		1	49	24.62	0	25.7			1	24	24.51	24.59	24.55	0	25.7	
		25	0	23.69	1	24.7			12	0	23.58	23.66	23.62	1	24.7	
		25	12	23.65	1	24.7			12	6	23.54	23.62	23.58	1	24.7	
		25	25	23.64	1	24.7			12	13	23.53	23.61	23.57	1	24.7	
		50	0	23.66	1	24.7			25	0	23.55	23.63	23.59	1	24.7	
	16QAM	1	0	23.63	1	24.7		16QAM	1	0	23.52	23.60	23.56	1	24.7	
		1	24	23.61	1	24.7			1	12	23.50	23.58	23.54	1	24.7	
		1	49	23.57	1	24.7			1	24	23.46	23.54	23.50	1	24.7	
		25	0	22.64	2	23.7			12	0	22.53	22.61	22.57	2	23.7	
		25	12	22.60	2	23.7			12	6	22.49	22.57	22.53	2	23.7	
		25	25	22.59	2	23.7			12	13	22.48	22.56	22.52	2	23.7	
		50	0	22.61	2	23.7			25	0	22.50	22.58	22.54	2	23.7	
	64QAM	1	0	22.62	2	23.7		64QAM	1	0	22.51	22.59	22.55	2	23.7	
		1	24	22.60	2	23.7			1	12	22.49	22.57	22.53	2	23.7	
		1	49	22.56	2	23.7			1	24	22.45	22.53	22.49	2	23.7	
		25	0	21.63	3	22.7			12	0	21.52	21.60	21.56	3	22.7	
		25	12	21.59	3	22.7			12	6	21.48	21.56	21.52	3	22.7	
		25	25	21.58	3	22.7			12	13	21.47	21.55	21.51	3	22.7	
		50	0	21.60	3	22.7			25	0	21.49	21.57	21.53	3	22.7	

FCC SAR Test Report

LTE Band 38																			
Head																			
Ant-2 / Ant-3																			
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power		
		Channel		37850	38000	38150					Channel		37825	38000	38175				
		Frequency (MHz)		2580	2595	2610					Frequency (MHz)		2577.5	2595	2612.5				
20M	QPSK	1	0	24.61	24.62	24.58	0	25.7	15M	QPSK	1	0	24.53	24.54	24.50	0	25.7		
		1	50	24.65	24.66	24.62	0	25.7			1	37	24.57	24.58	24.54	0	25.7		
		1	99	24.68	24.69	24.65	0	25.7			1	74	24.60	24.61	24.57	0	25.7		
		50	0	23.60	23.61	23.57	1	24.7			36	0	23.52	23.53	23.49	1	24.7		
		50	25	23.65	23.66	23.62	1	24.7			36	19	23.57	23.58	23.54	1	24.7		
		50	50	23.67	23.68	23.64	1	24.7			36	39	23.59	23.60	23.56	1	24.7		
	100	0	23.64	23.65	23.61	1	24.7	75		0	23.56	23.57	23.53	1	24.7				
	16QAM	1	0	23.59	23.60	23.56	1	24.7		16QAM	1	0	23.51	23.52	23.48	1	24.7		
		1	50	23.63	23.64	23.60	1	24.7			1	37	23.55	23.56	23.52	1	24.7		
		1	99	23.66	23.67	23.63	1	24.7			1	74	23.58	23.59	23.55	1	24.7		
		50	0	22.58	22.59	22.55	2	23.7			36	0	22.50	22.51	22.47	2	23.7		
		50	25	22.63	22.64	22.60	2	23.7			36	19	22.55	22.56	22.52	2	23.7		
		50	50	22.65	22.66	22.62	2	23.7			36	39	22.57	22.58	22.54	2	23.7		
	100	0	22.62	22.63	22.59	2	23.7	75		0	22.54	22.55	22.51	2	23.7				
	64QAM	1	0	22.61	22.62	22.58	2	23.7		64QAM	1	0	22.53	22.54	22.50	2	23.7		
		1	50	22.65	22.66	22.62	2	23.7			1	37	22.57	22.58	22.54	2	23.7		
		1	99	22.68	22.69	22.65	2	23.7			1	74	22.60	22.61	22.57	2	23.7		
		50	0	21.60	21.61	21.57	3	22.7			36	0	21.52	21.53	21.49	3	22.7		
		50	25	21.65	21.66	21.62	3	22.7			36	19	21.57	21.58	21.54	3	22.7		
		50	50	21.67	21.68	21.64	3	22.7			36	39	21.59	21.60	21.56	3	22.7		
	100	0	21.64	21.65	21.61	3	22.7	75		0	21.56	21.57	21.53	3	22.7				
	10M	QPSK	1	0	24.47	24.48	24.44	0		25.7	5M	QPSK	1	0	24.40	24.41	24.37	0	25.7
			1	24	24.51	24.52	24.48	0		25.7			1	12	24.44	24.45	24.41	0	25.7
			1	49	24.54	24.55	24.51	0		25.7			1	24	24.47	24.48	24.44	0	25.7
25			0	23.46	23.47	23.43	1	24.7	12	0			23.39	23.40	23.36	1	24.7		
25			12	23.51	23.52	23.48	1	24.7	12	6			23.44	23.45	23.41	1	24.7		
25			25	23.53	23.54	23.50	1	24.7	12	13			23.46	23.47	23.43	1	24.7		
50		0	23.50	23.51	23.47	1	24.7	25	0	23.43		23.44	23.40	1	24.7				
16QAM		1	0	23.45	23.46	23.42	1	24.7	16QAM	1		0	23.38	23.39	23.35	1	24.7		
		1	24	23.49	23.50	23.46	1	24.7		1		12	23.42	23.43	23.39	1	24.7		
		1	49	23.52	23.53	23.49	1	24.7		1		24	23.45	23.46	23.42	1	24.7		
		25	0	22.44	22.45	22.41	2	23.7		12		0	22.37	22.38	22.34	2	23.7		
		25	12	22.49	22.50	22.46	2	23.7		12		6	22.42	22.43	22.39	2	23.7		
		25	25	22.51	22.52	22.48	2	23.7		12		13	22.44	22.45	22.41	2	23.7		
50		0	22.48	22.49	22.45	2	23.7	25	0	22.41		22.42	22.38	2	23.7				
64QAM		1	0	22.47	22.48	22.44	2	23.7	64QAM	1		0	22.40	22.41	22.37	2	23.7		
		1	24	22.51	22.52	22.48	2	23.7		1		12	22.44	22.45	22.41	2	23.7		
		1	49	22.54	22.55	22.51	2	23.7		1		24	22.47	22.48	22.44	2	23.7		
		25	0	21.46	21.47	21.43	3	22.7		12		0	21.39	21.40	21.36	3	22.7		
		25	12	21.51	21.52	21.48	3	22.7		12		6	21.44	21.45	21.41	3	22.7		
		25	25	21.53	21.54	21.50	3	22.7		12		13	21.46	21.47	21.43	3	22.7		
50		0	21.50	21.51	21.47	3	22.7	25	0	21.43		21.44	21.40	3	22.7				

FCC SAR Test Report

LTE Band 38																	
Body-Worn / Hotspot																	
Ant-2 / Ant-3																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		37850	38000	38150					Channel		37825	38000	38175		
		Frequency (MHz)		2580	2595	2610					Frequency (MHz)		2577.5	2595	2612.5		
20M	QPSK	1	0	21.91	21.93	21.89	0	22.7	15M	QPSK	1	0	21.86	21.88	21.84	0	22.7
		1	50	21.92	21.94	21.90	0	22.7			1	37	21.87	21.89	21.85	0	22.7
		1	99	21.97	21.99	21.95	0	22.7			1	74	21.92	21.94	21.90	0	22.7
		50	0	21.87	21.89	21.85	0	22.7			36	0	21.82	21.84	21.80	0	22.7
		50	25	21.89	21.91	21.87	0	22.7			36	19	21.84	21.86	21.82	0	22.7
		50	50	21.96	21.98	21.94	0	22.7			36	39	21.91	21.93	21.89	0	22.7
	100	0	21.91	21.93	21.89	0	22.7	75		0	21.86	21.88	21.84	0	22.7		
	16QAM	1	0	21.85	21.87	21.83	0	22.7		16QAM	1	0	21.80	21.82	21.78	0	22.7
		1	50	21.86	21.88	21.84	0	22.7			1	37	21.81	21.83	21.79	0	22.7
		1	99	21.91	21.93	21.89	0	22.7			1	74	21.86	21.88	21.84	0	22.7
		50	0	21.81	21.83	21.79	0	22.7			36	0	21.76	21.78	21.74	0	22.7
		50	25	21.83	21.85	21.81	0	22.7			36	19	21.78	21.80	21.76	0	22.7
		50	50	21.90	21.92	21.88	0	22.7			36	39	21.85	21.87	21.83	0	22.7
	100	0	21.85	21.87	21.83	0	22.7	75		0	21.80	21.82	21.78	0	22.7		
	64QAM	1	0	21.78	21.80	21.76	0	22.7		64QAM	1	0	21.73	21.75	21.71	0	22.7
		1	50	21.79	21.81	21.77	0	22.7			1	37	21.74	21.76	21.72	0	22.7
		1	99	21.84	21.86	21.82	0	22.7			1	74	21.79	21.81	21.77	0	22.7
		50	0	21.74	21.76	21.72	0	22.7			36	0	21.69	21.71	21.67	0	22.7
50		25	21.76	21.78	21.74	0	22.7	36	19		21.71	21.73	21.69	0	22.7		
50		50	21.83	21.85	21.81	0	22.7	36	39		21.78	21.80	21.76	0	22.7		
100	0	21.78	21.80	21.76	0	22.7	75	0	21.73	21.75	21.71	0	22.7				
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		37800	38000	38200					Channel		37775	38000	38225		
		Frequency (MHz)		2575	2595	2615					Frequency (MHz)		2572.5	2595	2617.5		
10M	QPSK	1	0	21.80	21.82	21.78	0	22.7	5M	QPSK	1	0	21.76	21.78	21.74	0	22.7
		1	24	21.81	21.83	21.79	0	22.7			1	12	21.77	21.79	21.75	0	22.7
		1	49	21.86	21.88	21.84	0	22.7			1	24	21.82	21.84	21.80	0	22.7
		25	0	21.76	21.78	21.74	0	22.7			12	0	21.72	21.74	21.70	0	22.7
		25	12	21.78	21.80	21.76	0	22.7			12	6	21.74	21.76	21.72	0	22.7
		25	25	21.85	21.87	21.83	0	22.7			12	13	21.81	21.83	21.79	0	22.7
	50	0	21.80	21.82	21.78	0	22.7	25		0	21.76	21.78	21.74	0	22.7		
	16QAM	1	0	21.74	21.76	21.72	0	22.7		16QAM	1	0	21.70	21.72	21.68	0	22.7
		1	24	21.75	21.77	21.73	0	22.7			1	12	21.71	21.73	21.69	0	22.7
		1	49	21.80	21.82	21.78	0	22.7			1	24	21.76	21.78	21.74	0	22.7
		25	0	21.70	21.72	21.68	0	22.7			12	0	21.66	21.68	21.64	0	22.7
		25	12	21.72	21.74	21.70	0	22.7			12	6	21.68	21.70	21.66	0	22.7
		25	25	21.79	21.81	21.77	0	22.7			12	13	21.75	21.77	21.73	0	22.7
	50	0	21.74	21.76	21.72	0	22.7	25		0	21.70	21.72	21.68	0	22.7		
	64QAM	1	0	21.67	21.69	21.65	0	22.7		64QAM	1	0	21.63	21.65	21.61	0	22.7
		1	24	21.68	21.70	21.66	0	22.7			1	12	21.64	21.66	21.62	0	22.7
		1	49	21.73	21.75	21.71	0	22.7			1	24	21.69	21.71	21.67	0	22.7
		25	0	21.63	21.65	21.61	0	22.7			12	0	21.59	21.61	21.57	0	22.7
25		12	21.65	21.67	21.63	0	22.7	12	6		21.61	21.63	21.59	0	22.7		
25		25	21.72	21.74	21.70	0	22.7	12	13		21.68	21.70	21.66	0	22.7		
50	0	21.67	21.69	21.65	0	22.7	25	0	21.63	21.65	21.61	0	22.7				

FCC SAR Test Report

LTE Band 41 (Power Class 2) (HPUE)																							
Head / Body-Worn / Hotspot																							
Ant-2 / Ant-3																							
BW	MCS Index	RB Size	RB Offse	Low	Mid	Mid	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offse	Low	Mid	Mid	High	3GPP MPR (dB)	Max. Tune-up Power			
		Channel	39750	40185	40620	41055	41490	Channel					39725	40173	40620	41068	41515						
		Frequency (MHz)	2506.0	2549.5	2593.0	2636.5	2680.0	Frequency (MHz)					2503.5	2548.3	2593.0	2637.8	2682.5						
20M	QPSK	1	0	25.67	25.64	25.56	25.75	25.58	0	26.5	15M	QPSK	1	0	25.70	25.59	25.51	25.62	25.53	0	26.5		
		1	50	25.64	25.61	25.53	25.72	25.55	0	26.5			1	37	25.67	25.56	25.48	25.59	25.50	0	26.5		
		1	99	25.62	25.59	25.51	25.70	25.53	0	26.5			1	74	25.65	25.54	25.46	25.57	25.48	0	26.5		
		50	0	24.69	24.66	24.58	24.77	24.60	1	25.5			36	0	24.72	24.61	24.53	24.64	24.55	1	25.5		
		50	25	24.67	24.64	24.56	24.75	24.58	1	25.5			36	19	24.70	24.59	24.51	24.62	24.53	1	25.5		
		50	50	24.64	24.61	24.53	24.72	24.55	1	25.5			36	39	24.67	24.56	24.48	24.59	24.50	1	25.5		
		100	0	24.66	24.63	24.55	24.74	24.57	1	25.5			75	0	24.69	24.58	24.50	24.61	24.52	1	25.5		
	16QAM	1	0	24.73	24.62	24.54	24.65	24.56	1	25.5		1	0	24.68	24.57	24.49	24.60	24.51	1	25.5			
		1	50	24.70	24.59	24.51	24.62	24.53	1	25.5		1	37	24.65	24.54	24.46	24.57	24.48	1	25.5			
		1	99	24.68	24.57	24.49	24.60	24.51	1	25.5		1	74	24.63	24.52	24.44	24.55	24.46	1	25.5			
		50	0	23.75	23.64	23.56	23.67	23.58	2	24.5		36	0	23.70	23.59	23.51	23.62	23.53	2	24.5			
		50	25	23.73	23.62	23.54	23.65	23.56	2	24.5		36	19	23.68	23.57	23.49	23.60	23.51	2	24.5			
		50	50	23.70	23.59	23.51	23.62	23.53	2	24.5		36	39	23.65	23.54	23.46	23.57	23.48	2	24.5			
		100	0	23.72	23.61	23.53	23.64	23.55	2	24.5		75	0	23.67	23.56	23.48	23.59	23.50	2	24.5			
	64QAM	1	0	23.70	23.59	23.51	23.62	23.53	2	24.5		1	0	23.65	23.54	23.46	23.57	23.48	2	24.5			
		1	50	23.67	23.56	23.48	23.59	23.50	2	24.5		1	37	23.62	23.51	23.43	23.54	23.45	2	24.5			
		1	99	23.65	23.54	23.46	23.57	23.48	2	24.5		1	74	23.60	23.49	23.41	23.52	23.43	2	24.5			
		50	0	22.72	22.61	22.53	22.64	22.55	3	23.5		36	0	22.67	22.56	22.48	22.59	22.50	3	23.5			
		50	25	22.70	22.59	22.51	22.62	22.53	3	23.5		36	19	22.65	22.54	22.46	22.57	22.48	3	23.5			
		50	50	22.67	22.56	22.48	22.59	22.50	3	23.5		36	39	22.62	22.51	22.43	22.54	22.45	3	23.5			
		100	0	22.69	22.58	22.50	22.61	22.52	3	23.5		75	0	22.64	22.53	22.45	22.56	22.47	3	23.5			
	10M	QPSK	1	0	25.67	25.56	25.48	25.59	25.50	0		26.5	5M	QPSK	1	0	25.63	25.52	25.44	25.55	25.46	0	26.5
			1	24	25.64	25.53	25.45	25.56	25.47	0		26.5			1	12	25.60	25.49	25.41	25.52	25.43	0	26.5
			1	49	25.62	25.51	25.43	25.54	25.45	0		26.5			1	24	25.58	25.47	25.39	25.50	25.41	0	26.5
25			0	24.69	24.58	24.50	24.61	24.52	1	25.5	12	0			24.65	24.54	24.46	24.57	24.48	1	25.5		
25			12	24.67	24.56	24.48	24.59	24.50	1	25.5	12	6			24.63	24.52	24.44	24.55	24.46	1	25.5		
25			25	24.64	24.53	24.45	24.56	24.47	1	25.5	12	13			24.60	24.49	24.41	24.52	24.43	1	25.5		
50			0	24.66	24.55	24.47	24.58	24.49	1	25.5	25	0			24.62	24.51	24.43	24.54	24.45	1	25.5		
16QAM		1	0	24.65	24.54	24.46	24.57	24.48	1	25.5	1	0		24.61	24.50	24.42	24.53	24.44	1	25.5			
		1	24	24.62	24.51	24.43	24.54	24.45	1	25.5	1	12		24.58	24.47	24.39	24.50	24.41	1	25.5			
		1	49	24.60	24.49	24.41	24.52	24.43	1	25.5	1	24		24.56	24.45	24.37	24.48	24.39	1	25.5			
		25	0	23.67	23.56	23.48	23.59	23.50	2	24.5	12	0		23.63	23.52	23.44	23.55	23.46	2	24.5			
		25	12	23.65	23.54	23.46	23.57	23.48	2	24.5	12	6		23.61	23.50	23.42	23.53	23.44	2	24.5			
		25	25	23.62	23.51	23.43	23.54	23.45	2	24.5	12	13		23.58	23.47	23.39	23.50	23.41	2	24.5			
		50	0	23.64	23.53	23.45	23.56	23.47	2	24.5	25	0		23.60	23.49	23.41	23.52	23.43	2	24.5			
64QAM		1	0	23.62	23.51	23.43	23.54	23.45	2	24.5	1	0		23.58	23.47	23.39	23.50	23.41	2	24.5			
		1	24	23.59	23.48	23.40	23.51	23.42	2	24.5	1	12		23.55	23.44	23.36	23.47	23.38	2	24.5			
		1	49	23.57	23.46	23.38	23.49	23.40	2	24.5	1	24		23.53	23.42	23.34	23.45	23.36	2	24.5			
		25	0	22.64	22.53	22.45	22.56	22.47	3	23.5	12	0		22.60	22.49	22.41	22.52	22.43	3	23.5			
		25	12	22.62	22.51	22.43	22.54	22.45	3	23.5	12	6		22.58	22.47	22.39	22.50	22.41	3	23.5			
		25	25	22.59	22.48	22.40	22.51	22.42	3	23.5	12	13		22.55	22.44	22.36	22.47	22.38	3	23.5			
		50	0	22.61	22.50	22.42	22.53	22.44	3	23.5	25	0		22.57	22.46	22.38	22.49	22.40	3	23.5			

FCC SAR Test Report

LTE Band 41 (Power Class 3)																							
Head / Body-Worn / Hotspot																							
Ant-2 / Ant-3																							
BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	Mid	Mid	High	3GPP MPR (dB)	Max. Tune-up Power		
		Channel	39750	40185	40620	41055	41490	Channel					39725	40173	40620	41068	41515						
		Frequency (MHz)	2506.0	2549.5	2593.0	2636.5	2680.0	Frequency (MHz)					2503.5	2548.3	2593.0	2637.8	2682.5						
20M	QPSK	1	0	23.94	23.95	23.98	23.88	23.87	0	25.0	15M	QPSK	1	0	23.88	23.94	23.93	23.81	23.74	0	25.0		
		1	50	23.90	23.91	23.89	23.80	23.84	0	25.0			1	37	23.88	23.85	23.81	23.75	23.85	0	25.0		
		1	99	23.92	23.93	23.91	23.82	23.85	0	25.0			1	74	23.83	23.89	23.89	23.73	23.86	0	25.0		
		50	0	22.98	22.99	22.97	22.88	22.93	1	24.0			36	0	22.88	22.94	22.93	22.83	22.86	1	24.0		
		50	25	22.95	22.96	22.94	22.85	22.90	1	24.0			36	19	22.93	22.87	22.85	22.81	22.90	1	24.0		
		50	50	22.96	22.97	22.95	22.86	22.91	1	24.0			36	39	22.88	22.89	22.93	22.82	22.91	1	24.0		
	100	0	22.94	22.95	22.93	22.84	22.89	1	24.0	75		0	22.85	22.86	22.89	22.76	22.81	1	24.0				
	16QAM	1	0	22.85	22.94	22.91	22.82	22.84	1	24.0		1	0	22.92	22.95	22.94	22.78	22.81	1	24.0			
		1	50	22.90	22.83	22.79	22.78	22.77	1	24.0		1	37	22.89	22.90	22.87	22.70	22.82	1	24.0			
		1	99	22.84	22.86	22.88	22.74	22.85	1	24.0		1	74	22.90	22.92	22.88	22.80	22.86	1	24.0			
		50	0	21.92	21.96	21.92	21.78	21.88	2	23.0		36	0	21.95	21.94	21.93	21.82	21.86	2	23.0			
		50	25	21.93	21.92	21.85	21.83	21.85	2	23.0		36	19	21.92	21.91	21.94	21.75	21.88	2	23.0			
		50	50	21.96	21.96	21.91	21.81	21.86	2	23.0		36	39	21.93	21.90	21.87	21.78	21.84	2	23.0			
	100	0	21.85	21.86	21.89	21.81	21.81	2	23.0	75		0	21.88	21.87	21.92	21.79	21.80	2	23.0				
	64QAM	1	0	21.89	21.86	21.96	21.87	21.78	2	23.0		1	0	21.86	21.88	21.93	21.80	21.79	2	23.0			
		1	50	21.90	21.90	21.82	21.70	21.81	2	23.0		1	37	21.81	21.82	21.86	21.80	21.85	2	23.0			
		1	99	21.90	21.93	21.87	21.81	21.85	2	23.0		1	74	21.88	21.93	21.82	21.76	21.83	2	23.0			
		50	0	20.89	20.93	20.95	20.78	20.88	3	22.0		36	0	20.90	20.89	20.95	20.83	20.92	3	22.0			
		50	25	20.89	20.86	20.91	20.80	20.80	3	22.0		36	19	20.92	20.89	20.94	20.83	20.86	3	22.0			
		50	50	20.93	20.94	20.93	20.78	20.81	3	22.0		36	39	20.89	20.95	20.85	20.79	20.85	3	22.0			
	100	0	20.88	20.92	20.89	20.75	20.89	3	22.0	75		0	20.94	20.91	20.93	20.82	20.80	3	22.0				
	10M	QPSK	1	0	23.87	23.88	23.90	23.75	23.74	0		25.0	5M	QPSK	1	0	23.83	23.90	23.81	23.73	23.79	0	25.0
			1	24	23.78	23.83	23.74	23.75	23.77	0		25.0			1	12	23.75	23.79	23.82	23.64	23.73	0	25.0
			1	49	23.82	23.78	23.82	23.73	23.71	0		25.0			1	24	23.83	23.87	23.82	23.69	23.78	0	25.0
25			0	22.93	22.81	22.78	22.86	22.80	1	24.0	12	0			22.83	22.85	22.85	22.80	22.82	1	24.0		
25			12	22.82	22.83	22.82	22.72	22.74	1	24.0	12	6			22.82	22.87	22.81	22.75	22.77	1	24.0		
25			25	22.87	22.78	22.86	22.70	22.73	1	24.0	12	13			22.89	22.84	22.84	22.84	22.83	1	24.0		
50		0	22.78	22.83	22.83	22.65	22.81	1	24.0	25	0	22.79		22.83	22.81	22.83	22.80	1	24.0				
16QAM		1	0	22.84	22.88	22.87	22.71	22.76	1	24.0	1	0		22.86	22.88	22.82	22.74	22.69	1	24.0			
		1	24	22.80	22.83	22.77	22.75	22.82	1	24.0	1	12		22.82	22.83	22.88	22.70	22.67	1	24.0			
		1	49	22.80	22.87	22.83	22.73	22.75	1	24.0	1	24		22.78	22.86	22.86	22.66	22.79	1	24.0			
		25	0	21.89	21.79	21.78	21.86	21.86	2	23.0	12	0		21.89	21.92	21.79	21.83	21.90	2	23.0			
		25	12	21.86	21.82	21.88	21.75	21.76	2	23.0	12	6		21.81	21.86	21.86	21.73	21.72	2	23.0			
		25	25	21.80	21.77	21.80	21.76	21.74	2	23.0	12	13		21.81	21.86	21.93	21.79	21.84	2	23.0			
50		0	21.80	21.81	21.93	21.67	21.79	2	23.0	25	0	21.86		21.78	21.86	21.75	21.75	2	23.0				
64QAM		1	0	21.92	21.90	21.86	21.78	21.73	2	23.0	1	0		21.84	21.83	21.90	21.80	21.74	2	23.0			
		1	24	21.81	21.78	21.81	21.69	21.74	2	23.0	1	12		21.76	21.87	21.84	21.68	21.67	2	23.0			
		1	49	21.79	21.79	21.90	21.69	21.72	2	23.0	1	24		21.83	21.90	21.80	21.71	21.78	2	23.0			
		25	0	20.95	20.86	20.84	20.78	20.80	3	22.0	12	0		20.85	20.91	20.83	20.80	20.90	3	22.0			
		25	12	20.81	20.84	20.80	20.69	20.82	3	22.0	12	6		20.82	20.88	20.89	20.80	20.78	3	22.0			
		25	25	20.81	20.80	20.84	20.69	20.76	3	22.0	12	13		20.87	20.83	20.92	20.77	20.75	3	22.0			
50		0	20.76	20.83	20.92	20.74	20.77	3	22.0	25	0	20.79		20.79	20.80	20.79	20.81	3	22.0				

FCC SAR Test Report

LTE Band 66																	
Head																	
Ant-0																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
				Channel	132072	132322							132572	Channel	132047		
		Frequency (MHz)	1720	1745	1770	Frequency (MHz)	1717.5	1745			1772.5						
20M	QPSK	1	0	23.61	23.72	23.76	0	24.5	15M	QPSK	1	0	23.56	23.67	23.71	0	24.5
		1	50	23.58	23.69	23.73	0	24.5			1	37	23.53	23.64	23.68	0	24.5
		1	99	23.47	23.58	23.62	0	24.5			1	74	23.42	23.53	23.57	0	24.5
		50	0	22.50	22.61	22.65	1	23.5			36	0	22.45	22.56	22.60	1	23.5
		50	25	22.45	22.56	22.60	1	23.5			36	19	22.40	22.51	22.55	1	23.5
		50	50	22.42	22.53	22.57	1	23.5			36	39	22.37	22.48	22.52	1	23.5
	100	0	22.44	22.55	22.59	1	23.5	75		0	22.39	22.50	22.54	1	23.5		
	16QAM	1	0	22.59	22.70	22.74	1	23.5		16QAM	1	0	22.54	22.65	22.69	1	23.5
		1	50	22.56	22.67	22.71	1	23.5			1	37	22.51	22.62	22.66	1	23.5
		1	99	22.45	22.56	22.60	1	23.5			1	74	22.40	22.51	22.55	1	23.5
		50	0	21.48	21.59	21.63	2	22.5			36	0	21.43	21.54	21.58	2	22.5
		50	25	21.43	21.54	21.58	2	22.5			36	19	21.38	21.49	21.53	2	22.5
		50	50	21.40	21.51	21.55	2	22.5			36	39	21.35	21.46	21.50	2	22.5
	100	0	21.42	21.53	21.57	2	22.5	75		0	21.37	21.48	21.52	2	22.5		
	64QAM	1	0	21.56	21.67	21.71	2	22.5		64QAM	1	0	21.51	21.62	21.66	2	22.5
		1	50	21.53	21.64	21.68	2	22.5			1	37	21.48	21.59	21.63	2	22.5
		1	99	21.42	21.53	21.57	2	22.5			1	74	21.37	21.48	21.52	2	22.5
		50	0	20.45	20.56	20.60	3	21.5			36	0	20.40	20.51	20.55	3	21.5
50		25	20.40	20.51	20.55	3	21.5	36	19		20.35	20.46	20.50	3	21.5		
50		50	20.37	20.48	20.52	3	21.5	36	39		20.32	20.43	20.47	3	21.5		
100	0	20.39	20.50	20.54	3	21.5	75	0	20.34	20.45	20.49	3	21.5				
10M	QPSK	1	0	23.49	23.60	23.64	0	24.5	5M	QPSK	1	0	23.53	23.64	23.68	0	24.5
		1	24	23.46	23.57	23.61	0	24.5			1	12	23.50	23.61	23.65	0	24.5
		1	49	23.35	23.46	23.50	0	24.5			1	24	23.39	23.50	23.54	0	24.5
		25	0	22.38	22.49	22.53	1	23.5			12	0	22.42	22.53	22.57	1	23.5
		25	12	22.33	22.44	22.48	1	23.5			12	6	22.37	22.48	22.52	1	23.5
		25	25	22.30	22.41	22.45	1	23.5			12	13	22.34	22.45	22.49	1	23.5
	50	0	22.32	22.43	22.47	1	23.5	25		0	22.36	22.47	22.51	1	23.5		
	16QAM	1	0	22.47	22.58	22.62	1	23.5		16QAM	1	0	22.51	22.62	22.66	1	23.5
		1	24	22.44	22.55	22.59	1	23.5			1	12	22.48	22.59	22.63	1	23.5
		1	49	22.33	22.44	22.48	1	23.5			1	24	22.37	22.48	22.52	1	23.5
		25	0	21.36	21.47	21.51	2	22.5			12	0	21.40	21.51	21.55	2	22.5
		25	12	21.31	21.42	21.46	2	22.5			12	6	21.35	21.46	21.50	2	22.5
		25	25	21.28	21.39	21.43	2	22.5			12	13	21.32	21.43	21.47	2	22.5
	50	0	21.30	21.41	21.45	2	22.5	25		0	21.34	21.45	21.49	2	22.5		
	64QAM	1	0	21.44	21.55	21.59	2	22.5		64QAM	1	0	21.48	21.59	21.63	2	22.5
		1	24	21.41	21.52	21.56	2	22.5			1	12	21.45	21.56	21.60	2	22.5
		1	49	21.30	21.41	21.45	2	22.5			1	24	21.34	21.45	21.49	2	22.5
		25	0	20.33	20.44	20.48	3	21.5			12	0	20.37	20.48	20.52	3	21.5
25		12	20.28	20.39	20.43	3	21.5	12	6		20.32	20.43	20.47	3	21.5		
25		25	20.25	20.36	20.40	3	21.5	12	13		20.29	20.40	20.44	3	21.5		
50	0	20.27	20.38	20.42	3	21.5	25	0	20.31	20.42	20.46	3	21.5				
3M	QPSK	1	0	23.46	23.57	23.61	0	24.5	1.4M	QPSK	1	0	23.51	23.62	23.66	0	24.5
		1	7	23.43	23.54	23.58	0	24.5			1	2	23.48	23.59	23.63	0	24.5
		1	14	23.32	23.43	23.47	0	24.5			1	5	23.37	23.48	23.52	0	24.5
		8	0	22.35	22.46	22.50	1	23.5			3	0	22.42	22.53	22.57	0	24.5
		8	3	22.30	22.41	22.45	1	23.5			3	1	22.37	22.48	22.52	0	24.5
		8	7	22.27	22.38	22.42	1	23.5			3	3	22.34	22.45	22.49	0	24.5
	15	0	22.29	22.40	22.44	1	23.5	6		0	22.34	22.45	22.49	1	23.5		
	16QAM	1	0	22.44	22.55	22.59	1	23.5		16QAM	1	0	22.49	22.60	22.64	1	23.5
		1	7	22.41	22.52	22.56	1	23.5			1	2	22.46	22.57	22.61	1	23.5
		1	14	22.30	22.41	22.45	1	23.5			1	5	22.35	22.46	22.50	1	23.5
		8	0	21.33	21.44	21.48	2	22.5			3	0	22.40	22.51	22.55	1	23.5
		8	3	21.28	21.39	21.43	2	22.5			3	1	22.35	22.46	22.50	1	23.5
		8	7	21.25	21.36	21.40	2	22.5			3	3	22.32	22.43	22.47	1	23.5
	15	0	21.27	21.38	21.42	2	22.5	6		0	21.32	21.43	21.47	2	22.5		
	64QAM	1	0	21.41	21.52	21.56	2	22.5		64QAM	1	0	21.46	21.57	21.61	2	22.5
		1	7	21.38	21.49	21.53	2	22.5			1	2	21.43	21.54	21.58	2	22.5
		1	14	21.27	21.38	21.42	2	22.5			1	5	21.32	21.43	21.47	2	22.5
		8	0	20.30	20.41	20.45	3	21.5			3	0	21.37	21.48	21.52	2	22.5
8		3	20.25	20.36	20.40	3	21.5	3	1		21.32	21.43	21.47	2	22.5		
8		7	20.22	20.33	20.37	3	21.5	3	3		21.29	21.40	21.44	2	22.5		
15	0	20.24	20.35	20.39	3	21.5	6	0	20.29	20.40	20.44	3	21.5				

FCC SAR Test Report

LTE Band 66																	
Head																	
Ant-1																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		132072	132322	132572					Channel		132047	132322	132597		
		Frequency (MHz)		1720	1745	1770					Frequency (MHz)		1717.5	1745	1772.5		
20M	QPSK	1	0	20.40	20.35	20.45	0	21.5	15M	QPSK	1	0	20.35	20.35	20.36	0	21.5
		1	50	20.37	20.32	20.42	0	21.5			1	37	20.32	20.29	20.42	0	21.5
		1	99	20.36	20.31	20.41	0	21.5			1	74	20.27	20.29	20.32	0	21.5
		50	0	20.39	20.34	20.44	0	21.5			36	0	20.35	20.26	20.34	0	21.5
		50	25	20.38	20.33	20.43	0	21.5			36	19	20.29	20.23	20.39	0	21.5
		50	50	20.27	20.22	20.32	0	21.5			36	39	20.21	20.22	20.32	0	21.5
	100	0	20.33	20.28	20.38	0	21.5	75		0	20.28	20.28	20.33	0	21.5		
	16QAM	1	0	20.37	20.27	20.42	0	21.5		16QAM	1	0	20.32	20.25	20.30	0	21.5
		1	50	20.30	20.27	20.40	0	21.5			1	37	20.25	20.29	20.29	0	21.5
		1	99	20.30	20.24	20.34	0	21.5			1	74	20.21	20.16	20.38	0	21.5
		50	0	20.35	20.30	20.44	0	21.5			36	0	20.30	20.20	20.31	0	21.5
		50	25	20.32	20.30	20.42	0	21.5			36	19	20.32	20.28	20.26	0	21.5
		50	50	20.25	20.15	20.32	0	21.5			36	39	20.08	20.11	20.29	0	21.5
	100	0	20.25	20.25	20.34	0	21.5	75		0	20.26	20.15	20.24	0	21.5		
	64QAM	1	0	20.37	20.26	20.43	0	21.5		64QAM	1	0	20.22	20.27	20.33	0	21.5
		1	50	20.29	20.24	20.40	0	21.5			1	37	20.29	20.28	20.36	0	21.5
		1	99	20.27	20.31	20.37	0	21.5			1	74	20.23	20.24	20.34	0	21.5
		50	0	20.31	20.24	20.36	0	21.5			36	0	20.19	20.20	20.36	0	21.5
50		25	20.31	20.31	20.36	0	21.5	36	19		20.23	20.21	20.36	0	21.5		
50		50	20.18	20.20	20.26	0	21.5	36	39		20.15	20.13	20.16	0	21.5		
100	0	20.30	20.25	20.38	0	21.5	75	0	20.27	20.13	20.27	0	21.5				
10M	QPSK	1	0	20.26	20.24	20.31	0	21.5	5M	QPSK	1	0	20.32	20.27	20.35	0	21.5
		1	24	20.27	20.16	20.37	0	21.5			1	12	20.19	20.15	20.35	0	21.5
		1	49	20.27	20.22	20.35	0	21.5			1	24	20.21	20.17	20.25	0	21.5
		25	0	20.21	20.12	20.29	0	21.5			12	0	20.19	20.28	20.33	0	21.5
		25	12	20.30	20.18	20.29	0	21.5			12	6	20.23	20.19	20.30	0	21.5
		25	25	20.15	20.05	20.17	0	21.5			12	13	20.06	20.10	20.19	0	21.5
	50	0	20.18	20.13	20.29	0	21.5	25		0	20.18	20.19	20.24	0	21.5		
	16QAM	1	0	20.24	20.20	20.26	0	21.5		16QAM	1	0	20.29	20.25	20.36	0	21.5
		1	24	20.21	20.11	20.17	0	21.5			1	12	20.25	20.07	20.35	0	21.5
		1	49	20.12	20.09	20.20	0	21.5			1	24	20.16	20.13	20.32	0	21.5
		25	0	20.19	20.08	20.21	0	21.5			12	0	20.13	20.09	20.33	0	21.5
		25	12	20.23	20.18	20.35	0	21.5			12	6	20.21	20.24	20.31	0	21.5
		25	25	20.08	20.08	20.10	0	21.5			12	13	20.07	20.16	20.11	0	21.5
	50	0	20.12	20.01	20.23	0	21.5	25		0	20.14	20.19	20.23	0	21.5		
	64QAM	1	0	20.23	20.20	20.29	0	21.5		64QAM	1	0	20.18	20.11	20.34	0	21.5
		1	24	20.24	20.05	20.37	0	21.5			1	12	20.12	20.20	20.29	0	21.5
		1	49	20.18	20.13	20.18	0	21.5			1	24	20.17	20.11	20.17	0	21.5
		25	0	20.15	20.09	20.35	0	21.5			12	0	20.21	20.16	20.27	0	21.5
25		12	20.11	20.11	20.26	0	21.5	12	6		20.30	20.08	20.18	0	21.5		
25		25	20.06	20.10	20.23	0	21.5	12	13		20.11	20.14	20.03	0	21.5		
50	0	20.17	20.13	20.17	0	21.5	25	0	20.10	20.12	20.24	0	21.5				
3M	QPSK	1	0	20.24	20.23	20.40	0	21.5	1.4M	QPSK	1	0	20.20	20.21	20.33	0	21.5
		1	7	20.16	20.10	20.31	0	21.5			1	2	20.19	20.23	20.33	0	21.5
		1	14	20.13	20.20	20.28	0	21.5			1	5	20.26	20.21	20.30	0	21.5
		8	0	20.35	20.20	20.31	0	21.5			3	0	20.22	20.12	20.26	0	21.5
		8	3	20.32	20.22	20.28	0	21.5			3	1	20.34	20.21	20.40	0	21.5
		8	7	20.20	20.12	20.15	0	21.5			3	3	20.03	20.21	20.21	0	21.5
	15	0	20.14	20.16	20.33	0	21.5	6		0	20.20	20.14	20.24	0	21.5		
	16QAM	1	0	20.19	20.20	20.41	0	21.5		16QAM	1	0	20.27	20.22	20.29	0	21.5
		1	7	20.23	20.09	20.13	0	21.5			1	2	20.09	20.15	20.28	0	21.5
		1	14	20.17	20.05	20.15	0	21.5			1	5	20.19	20.12	20.17	0	21.5
		8	0	20.25	20.17	20.32	0	21.5			3	0	20.34	20.22	20.37	0	21.5
		8	3	20.22	20.24	20.32	0	21.5			3	1	20.29	20.23	20.32	0	21.5
		8	7	20.00	19.97	20.12	0	21.5			3	3	20.12	20.11	20.08	0	21.5
	15	0	20.22	20.06	20.16	0	21.5	6		0	20.19	20.03	20.30	0	21.5		
	64QAM	1	0	20.28	20.15	20.22	0	21.5		64QAM	1	0	20.26	20.28	20.17	0	21.5
		1	7	20.20	20.13	20.22	0	21.5			1	2	20.16	20.08	20.26	0	21.5
		1	14	20.30	20.26	20.26	0	21.5			1	5	20.21	20.21	20.22	0	21.5
		8	0	20.11	20.21	20.21	0	21.5			3	0	20.12	20.18	20.21	0	21.5
8		3	20.20	20.21	20.27	0	21.5	3	1		20.19	20.24	20.33	0	21.5		
8		7	20.08	20.10	20.23	0	21.5	3	3		20.09	20.15	20.18	0	21.5		
15	0	20.06	20.18	20.26	0	21.5	6	0	20.24	20.14	20.13	0	21.5				



FCC SAR Test Report

LTE Band 66																	
Body-Worn / Hotspot																	
Ant-0 / Ant-1																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		132072	132322	132572					Channel		132047	132322	132597		
		Frequency (MHz)		1720	1745	1770					Frequency (MHz)		1717.5	1745	1772.5		
20M	QPSK	1	0	23.61	23.72	23.76	0	24.5	15M	QPSK	1	0	23.56	23.67	23.71	0	24.5
		1	50	23.58	23.69	23.73	0	24.5			1	37	23.53	23.64	23.68	0	24.5
		1	99	23.47	23.58	23.62	0	24.5			1	74	23.42	23.53	23.57	0	24.5
		50	0	22.50	22.61	22.65	1	23.5			36	0	22.45	22.56	22.60	1	23.5
		50	25	22.45	22.56	22.60	1	23.5			36	19	22.40	22.51	22.55	1	23.5
		50	50	22.42	22.53	22.57	1	23.5			36	39	22.37	22.48	22.52	1	23.5
	100	0	22.44	22.55	22.59	1	23.5	75		0	22.39	22.50	22.54	1	23.5		
	16QAM	1	0	22.59	22.70	22.74	1	23.5		16QAM	1	0	22.54	22.65	22.69	1	23.5
		1	50	22.56	22.67	22.71	1	23.5			1	37	22.51	22.62	22.66	1	23.5
		1	99	22.45	22.56	22.60	1	23.5			1	74	22.40	22.51	22.55	1	23.5
		50	0	21.48	21.59	21.63	2	22.5			36	0	21.43	21.54	21.58	2	22.5
		50	25	21.43	21.54	21.58	2	22.5			36	19	21.38	21.49	21.53	2	22.5
		50	50	21.40	21.51	21.55	2	22.5			36	39	21.35	21.46	21.50	2	22.5
	100	0	21.42	21.53	21.57	2	22.5	75		0	21.37	21.48	21.52	2	22.5		
	64QAM	1	0	21.56	21.67	21.71	2	22.5		64QAM	1	0	21.51	21.62	21.66	2	22.5
		1	50	21.53	21.64	21.68	2	22.5			1	37	21.48	21.59	21.63	2	22.5
		1	99	21.42	21.53	21.57	2	22.5			1	74	21.37	21.48	21.52	2	22.5
		50	0	20.45	20.56	20.60	3	21.5			36	0	20.40	20.51	20.55	3	21.5
50		25	20.40	20.51	20.55	3	21.5	36	19		20.35	20.46	20.50	3	21.5		
50		50	20.37	20.48	20.52	3	21.5	36	39		20.32	20.43	20.47	3	21.5		
100	0	20.39	20.50	20.54	3	21.5	75	0	20.34	20.45	20.49	3	21.5				
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		132022	132322	132622					Channel		131997	132322	132647		
		Frequency (MHz)		1715	1745	1775					Frequency (MHz)		1712.5	1745	1777.5		
10M	QPSK	1	0	23.49	23.60	23.64	0	24.5	5M	QPSK	1	0	23.53	23.64	23.68	0	24.5
		1	24	23.46	23.57	23.61	0	24.5			1	12	23.50	23.61	23.65	0	24.5
		1	49	23.35	23.46	23.50	0	24.5			1	24	23.39	23.50	23.54	0	24.5
		25	0	22.38	22.49	22.53	1	23.5			12	0	22.42	22.53	22.57	1	23.5
		25	12	22.33	22.44	22.48	1	23.5			12	6	22.37	22.48	22.52	1	23.5
		25	25	22.30	22.41	22.45	1	23.5			12	13	22.34	22.45	22.49	1	23.5
	50	0	22.32	22.43	22.47	1	23.5	25		0	22.36	22.47	22.51	1	23.5		
	16QAM	1	0	22.47	22.58	22.62	1	23.5		16QAM	1	0	22.51	22.62	22.66	1	23.5
		1	24	22.44	22.55	22.59	1	23.5			1	12	22.48	22.59	22.63	1	23.5
		1	49	22.33	22.44	22.48	1	23.5			1	24	22.37	22.48	22.52	1	23.5
		25	0	21.36	21.47	21.51	2	22.5			12	0	21.40	21.51	21.55	2	22.5
		25	12	21.31	21.42	21.46	2	22.5			12	6	21.35	21.46	21.50	2	22.5
		25	25	21.28	21.39	21.43	2	22.5			12	13	21.32	21.43	21.47	2	22.5
	50	0	21.30	21.41	21.45	2	22.5	25		0	21.34	21.45	21.49	2	22.5		
	64QAM	1	0	21.44	21.55	21.59	2	22.5		64QAM	1	0	21.48	21.59	21.63	2	22.5
		1	24	21.41	21.52	21.56	2	22.5			1	12	21.45	21.56	21.60	2	22.5
		1	49	21.30	21.41	21.45	2	22.5			1	24	21.34	21.45	21.49	2	22.5
		25	0	20.33	20.44	20.48	3	21.5			12	0	20.37	20.48	20.52	3	21.5
25		12	20.28	20.39	20.43	3	21.5	12	6		20.32	20.43	20.47	3	21.5		
25		25	20.25	20.36	20.40	3	21.5	12	13		20.29	20.40	20.44	3	21.5		
50	0	20.27	20.38	20.42	3	21.5	25	0	20.31	20.42	20.46	3	21.5				
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		131987	132322	132657					Channel		131979	132322	132665		
		Frequency (MHz)		1711.5	1745	1778.5					Frequency (MHz)		1710.7	1745	1779.3		
3M	QPSK	1	0	23.46	23.57	23.61	0	24.5	1.4M	QPSK	1	0	23.51	23.62	23.66	0	24.5
		1	7	23.43	23.54	23.58	0	24.5			1	2	23.48	23.59	23.63	0	24.5
		1	14	23.32	23.43	23.47	0	24.5			1	5	23.37	23.48	23.52	0	24.5
		8	0	22.35	22.46	22.50	1	23.5			3	0	22.42	22.53	22.57	0	24.5
		8	3	22.30	22.41	22.45	1	23.5			3	1	22.37	22.48	22.52	0	24.5
		8	7	22.27	22.38	22.42	1	23.5			3	3	22.34	22.45	22.49	0	24.5
	15	0	22.29	22.40	22.44	1	23.5	6		0	22.34	22.45	22.49	1	23.5		
	16QAM	1	0	22.44	22.55	22.59	1	23.5		16QAM	1	0	22.49	22.60	22.64	1	23.5
		1	7	22.41	22.52	22.56	1	23.5			1	2	22.46	22.57	22.61	1	23.5
		1	14	22.30	22.41	22.45	1	23.5			1	5	22.35	22.46	22.50	1	23.5
		8	0	21.33	21.44	21.48	2	22.5			3	0	22.40	22.51	22.55	1	23.5
		8	3	21.28	21.39	21.43	2	22.5			3	1	22.35	22.46	22.50	1	23.5
		8	7	21.25	21.36	21.40	2	22.5			3	3	22.32	22.43	22.47	1	23.5
	15	0	21.27	21.38	21.42	2	22.5	6		0	21.32	21.43	21.47	2	22.5		
	64QAM	1	0	21.41	21.52	21.56	2	22.5		64QAM	1	0	21.46	21.57	21.61	2	22.5
		1	7	21.38	21.49	21.53	2	22.5			1	2	21.43	21.54	21.58	2	22.5
		1	14	21.27	21.38	21.42	2	22.5			1	5	21.32	21.43	21.47	2	22.5
		8	0	20.30	20.41	20.45	3	21.5			3	0	21.37	21.48	21.52	2	22.5
8		3	20.25	20.36	20.40	3	21.5	3	1		21.32	21.43	21.47	2	22.5		
8		7	20.22	20.33	20.37	3	21.5	3	3		21.29	21.40	21.44	2	22.5		
15	0	20.24	20.35	20.39	3	21.5	6	0	20.29	20.40	20.44	3	21.5				

FCC SAR Test Report

LTE Band 71																	
Head / Body-Worn / Hotspot																	
Ant-0 / Ant-1																	
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		133222	133297	133372					Channel		133197	133297	133397		
		Frequency (MHz)		673	680.5	688					Frequency (MHz)		670.5	680.5	690.5		
20M	QPSK	1	0	23.45	23.51	23.44	0	24.6	15M	QPSK	1	0	23.42	23.50	23.37	0	24.6
		1	50	23.41	23.47	23.40	0	24.6			1	37	23.39	23.47	23.40	0	24.6
		1	99	23.32	23.38	23.31	0	24.6			1	74	23.26	23.37	23.27	0	24.6
		50	0	22.51	22.57	22.50	1	23.6			36	0	22.49	22.49	22.43	1	23.6
		50	25	22.40	22.46	22.39	1	23.6			36	19	22.34	22.44	22.32	1	23.6
		50	50	22.36	22.42	22.35	1	23.6			36	39	22.27	22.37	22.30	1	23.6
	100	0	22.43	22.49	22.42	1	23.6	75		0	22.38	22.49	22.41	1	23.6		
	16QAM	1	0	22.36	22.45	22.40	1	23.6		16QAM	1	0	22.30	22.39	22.34	1	23.6
		1	50	22.41	22.42	22.38	1	23.6			1	37	22.31	22.43	22.28	1	23.6
		1	99	22.29	22.34	22.28	1	23.6			1	74	22.27	22.36	22.19	1	23.6
		50	0	21.49	21.57	21.40	2	22.6			36	0	21.40	21.45	21.35	2	22.6
		50	25	21.40	21.36	21.33	2	22.6			36	19	21.29	21.31	21.23	2	22.6
		50	50	21.27	21.42	21.35	2	22.6			36	39	21.24	21.30	21.21	2	22.6
	100	0	21.38	21.42	21.36	2	22.6	75		0	21.35	21.34	21.28	2	22.6		
	64QAM	1	0	21.43	21.44	21.34	2	22.6		64QAM	1	0	21.41	21.35	21.31	2	22.6
		1	50	21.41	21.41	21.31	2	22.6			1	37	21.35	21.46	21.26	2	22.6
		1	99	21.27	21.38	21.22	2	22.6			1	74	21.21	21.35	21.16	2	22.6
		50	0	20.48	20.56	20.49	3	21.6			36	0	20.43	20.50	20.39	3	21.6
50		25	20.31	20.39	20.34	3	21.6	36	19		20.28	20.40	20.24	3	21.6		
50		50	20.26	20.32	20.30	3	21.6	36	39		20.33	20.30	20.32	3	21.6		
100	0	20.39	20.43	20.41	3	21.6	75	0	20.35	20.35	20.23	3	21.6				
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power	BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP MPR (dB)	Max. Tune-up Power
		Channel		133172	133297	133422					Channel		133147	133297	133447		
		Frequency (MHz)		668	680.5	693					Frequency (MHz)		665.5	680.5	695.5		
10M	QPSK	1	0	23.27	23.40	23.27	0	24.6	5M	QPSK	1	0	23.29	23.41	23.29	0	24.6
		1	24	23.41	23.42	23.26	0	24.6			1	12	23.38	23.31	23.10	0	24.6
		1	49	23.17	23.31	23.19	0	24.6			1	24	23.23	23.27	23.20	0	24.6
		25	0	22.35	22.49	22.33	1	23.6			12	0	22.38	22.46	22.32	1	23.6
		25	12	22.39	22.43	22.32	1	23.6			12	6	22.31	22.35	22.09	1	23.6
		25	25	22.31	22.34	22.25	1	23.6			12	13	22.29	22.38	22.15	1	23.6
	50	0	22.32	22.40	22.28	1	23.6	25		0	22.29	22.34	22.11	1	23.6		
	16QAM	1	0	22.25	22.37	22.25	1	23.6		16QAM	1	0	22.33	22.40	22.23	1	23.6
		1	24	22.30	22.33	22.23	1	23.6			1	12	22.29	22.30	22.23	1	23.6
		1	49	22.20	22.30	22.29	1	23.6			1	24	22.16	22.30	22.05	1	23.6
		25	0	21.40	21.34	21.28	2	22.6			12	0	21.31	21.49	21.33	2	22.6
		25	12	21.21	21.22	21.15	2	22.6			12	6	21.27	21.16	21.20	2	22.6
		25	25	21.16	21.28	21.16	2	22.6			12	13	21.17	21.25	21.13	2	22.6
	50	0	21.22	21.36	21.27	2	22.6	25		0	21.30	21.34	21.21	2	22.6		
	64QAM	1	0	21.25	21.30	21.26	2	22.6		64QAM	1	0	21.26	21.35	21.28	2	22.6
		1	24	21.28	21.29	21.15	2	22.6			1	12	21.30	21.20	21.25	2	22.6
		1	49	21.07	21.31	21.26	2	22.6			1	24	21.06	21.18	21.13	2	22.6
		25	0	20.22	20.33	20.22	3	21.6			12	0	20.41	20.30	20.37	3	21.6
25		12	20.21	20.24	20.23	3	21.6	12	6		20.25	20.22	20.30	3	21.6		
25		25	20.16	20.26	20.23	3	21.6	12	13		20.24	20.21	20.21	3	21.6		
50	0	20.20	20.40	20.31	3	21.6	25	0	20.22	20.42	20.30	3	21.6				

FCC SAR Test Report

<WLAN Power>

<WWAN OFF / WWAN ON>

WLAN 2.4GHz												
Head												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11b	1	2412	17.80	18.0	17.60	18.0	15.51	15.66	18.60	16.0	16.0	19.0
	6	2437	17.76	18.0	17.74	18.0	15.79	15.67	18.74	16.0	16.0	19.0
	11	2462	16.43	16.5	16.41	16.5	15.46	15.49	18.49	15.5	15.5	18.5
	12	2467	14.92	15.0	14.91	15.0	14.96	14.98	17.98	15.0	15.0	18.0
	13	2472	7.81	8.0	7.78	8.0	7.82	7.86	10.85	8.0	8.0	11.0
802.11g	1	2412	14.94	15.0	14.92	15.0	14.96	14.97	17.98	15.0	15.0	18.0
	6	2437	17.43	18.0	17.29	18.0	14.95	15.01	17.99	15.0	15.0	18.0
	11	2462	15.38	15.5	15.36	15.5	15.42	15.44	18.44	15.5	15.5	18.5
	12	2467	9.79	10.0	9.75	10.0	9.82	9.85	12.85	10.0	10.0	13.0
	13	2472	-1.14	-1.0	-1.11	-1.0	-1.21	-1.34	1.74	-1.0	-1.0	2.0
802.11n HT20	1	2412	14.82	15.0	14.76	15.0	14.87	14.86	17.88	15.0	15.0	18.0
	6	2437	17.49	18.0	17.36	18.0	14.91	14.98	17.96	15.0	15.0	18.0
	11	2462	15.26	15.5	15.23	15.5	15.32	15.33	18.34	15.5	15.5	18.5
	12	2467	7.35	7.5	7.32	7.5	7.42	7.43	10.44	7.5	7.5	10.5
	13	2472	-1.15	-1.0	-1.11	-1.0	-1.21	-1.34	1.74	-1.0	-1.0	2.0
802.11ac VHT20	1	2412	14.84	15.0	14.78	15.0	14.93	14.91	17.93	15.0	15.0	18.0
	6	2437	17.46	18.0	17.08	18.0	14.88	14.95	17.93	15.0	15.0	18.0
	11	2462	15.28	15.5	15.21	15.5	15.38	15.35	18.38	15.5	15.5	18.5
	12	2467	7.38	7.5	7.27	7.5	7.46	7.48	10.48	7.5	7.5	10.5
	13	2472	-1.32	-1.0	-1.31	-1.0	-1.40	-1.21	1.71	-1.0	-1.0	2.0

WLAN 2.4GHz												
Body-Worn / Hotspot												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11b	1	2412	17.80	18.0	17.60	18.0	17.81	17.62	20.73	18.0	18.0	21.0
	6	2437	17.76	18.0	17.74	18.0	17.79	17.67	20.74	18.0	18.0	21.0
	11	2462	16.43	16.5	16.41	16.5	16.46	16.48	19.48	16.5	16.5	19.5
	12	2467	14.92	15.0	14.91	15.0	14.96	14.98	17.98	15.0	15.0	18.0
	13	2472	7.81	8.0	7.78	8.0	7.82	7.86	10.85	8.0	8.0	11.0
802.11g	1	2412	14.94	15.0	14.92	15.0	14.96	14.97	17.98	15.0	15.0	18.0
	6	2437	17.43	18.0	17.29	18.0	17.49	17.35	20.43	18.0	18.0	21.0
	11	2462	15.38	15.5	15.36	15.5	15.42	15.44	18.44	15.5	15.5	18.5
	12	2467	9.79	10.0	9.75	10.0	9.82	9.85	12.85	10.0	10.0	13.0
	13	2472	-1.14	-1.0	-1.11	-1.0	-1.13	-1.25	1.82	-1.0	-1.0	2.0
802.11n HT20	1	2412	14.82	15.0	14.76	15.0	14.87	14.86	17.88	15.0	15.0	18.0
	6	2437	17.49	18.0	17.36	18.0	17.46	17.44	20.46	18.0	18.0	21.0
	11	2462	15.26	15.5	15.23	15.5	15.32	15.33	18.34	15.5	15.5	18.5
	12	2467	7.35	7.5	7.32	7.5	7.42	7.43	10.44	7.5	7.5	10.5
	13	2472	-1.15	-1.0	-1.11	-1.0	-1.21	-1.34	1.74	-1.0	-1.0	2.0
802.11ac VHT20	1	2412	14.84	15.0	14.78	15.0	14.93	14.91	17.93	15.0	15.0	18.0
	6	2437	17.46	18.0	17.08	18.0	17.49	17.17	20.34	18.0	18.0	21.0
	11	2462	15.28	15.5	15.21	15.5	15.38	15.35	18.38	15.5	15.5	18.5
	12	2467	7.38	7.5	7.27	7.5	7.46	7.48	10.48	7.5	7.5	10.5
	13	2472	-1.32	-1.0	-1.31	-1.0	-1.40	-1.21	1.71	-1.0	-1.0	2.0

FCC SAR Test Report

WLAN 5.2GHz												
Head												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11a	36	5180	17.26	17.5	17.43	17.5	15.39	15.37	18.39	15.5	15.5	18.5
	40	5200	17.26	17.5	17.35	17.5	15.39	15.33	18.37	15.5	15.5	18.5
	44	5220	17.28	17.5	17.27	17.5	15.35	15.42	18.40	15.5	15.5	18.5
	48	5240	17.25	17.5	17.21	17.5	15.35	15.37	18.37	15.5	15.5	18.5
802.11n HT20	36	5180	17.33	17.5	17.47	17.5	15.31	15.20	18.27	15.5	15.5	18.5
	40	5200	17.30	17.5	17.27	17.5	15.28	15.28	18.29	15.5	15.5	18.5
	44	5220	17.31	17.5	17.30	17.5	15.27	15.20	18.25	15.5	15.5	18.5
	48	5240	17.22	17.5	17.18	17.5	15.30	15.20	18.26	15.5	15.5	18.5
802.11n HT40	38	5190	12.37	12.5	12.35	12.5	12.39	12.35	15.38	12.5	12.5	15.5
	46	5230	17.21	17.5	17.37	17.5	15.27	15.25	18.27	15.5	15.5	18.5
802.11ac VHT20	36	5180	17.30	17.5	17.49	17.5	15.40	15.36	18.39	15.5	15.5	18.5
	40	5200	17.32	17.5	17.31	17.5	15.39	15.38	18.40	15.5	15.5	18.5
	44	5220	17.32	17.5	17.36	17.5	15.43	15.32	18.39	15.5	15.5	18.5
	48	5240	17.25	17.5	17.22	17.5	15.43	15.41	18.43	15.5	15.5	18.5
802.11ac VHT40	38	5190	12.41	12.5	12.38	12.5	12.43	12.41	15.43	12.5	12.5	15.5
	46	5230	17.28	17.5	17.29	17.5	15.39	15.41	18.41	15.5	15.5	18.5
802.11ac VHT80	42	5210	11.43	11.5	11.41	11.5	11.46	11.47	14.48	11.5	11.5	14.5

WLAN 5.2GHz												
Body-Worn / Hotspot												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11a	36	5180	17.26	17.5	17.43	17.5	17.42	17.48	20.46	17.5	17.5	20.5
	40	5200	17.26	17.5	17.35	17.5	17.35	17.37	20.37	17.5	17.5	20.5
	44	5220	17.28	17.5	17.27	17.5	17.33	17.32	20.34	17.5	17.5	20.5
	48	5240	17.25	17.5	17.21	17.5	17.33	17.23	20.29	17.5	17.5	20.5
802.11n HT20	36	5180	17.33	17.5	17.47	17.5	17.35	17.58	20.48	17.5	17.5	20.5
	40	5200	17.30	17.5	17.27	17.5	17.32	17.32	20.33	17.5	17.5	20.5
	44	5220	17.31	17.5	17.30	17.5	17.34	17.33	20.35	17.5	17.5	20.5
	48	5240	17.22	17.5	17.18	17.5	17.27	17.28	20.29	17.5	17.5	20.5
802.11n HT40	38	5190	12.37	12.5	12.35	12.5	12.39	12.35	15.38	12.5	12.5	15.5
	46	5230	17.21	17.5	17.37	17.5	17.30	17.39	20.36	17.5	17.5	20.5
802.11ac VHT20	36	5180	17.30	17.5	17.49	17.5	17.44	17.49	20.48	17.5	17.5	20.5
	40	5200	17.32	17.5	17.31	17.5	17.39	17.40	20.41	17.5	17.5	20.5
	44	5220	17.32	17.5	17.36	17.5	17.37	17.38	20.39	17.5	17.5	20.5
	48	5240	17.25	17.5	17.22	17.5	17.34	17.32	20.34	17.5	17.5	20.5
802.11ac VHT40	38	5190	12.41	12.5	12.38	12.5	12.43	12.41	15.43	12.5	12.5	15.5
	46	5230	17.28	17.5	17.29	17.5	17.37	17.34	20.37	17.5	17.5	20.5
802.11ac VHT80	42	5210	11.43	11.5	11.41	11.5	11.46	11.47	14.48	11.5	11.5	14.5

FCC SAR Test Report

WLAN 5.3GHz												
Head												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11a	52	5260	17.27	17.5	17.33	17.5	15.42	15.43	18.44	15.5	15.5	18.5
	56	5280	17.35	17.5	17.17	17.5	15.37	15.41	18.40	15.5	15.5	18.5
	60	5300	17.19	17.5	17.21	17.5	15.41	15.38	18.41	15.5	15.5	18.5
	64	5320	17.28	17.5	17.19	17.5	15.36	15.37	18.38	15.5	15.5	18.5
802.11n HT20	52	5260	17.26	17.5	17.30	17.5	15.25	15.26	18.27	15.5	15.5	18.5
	56	5280	17.35	17.5	17.28	17.5	15.27	15.31	18.30	15.5	15.5	18.5
	60	5300	17.23	17.5	17.28	17.5	15.28	15.33	18.32	15.5	15.5	18.5
	64	5320	17.31	17.5	17.20	17.5	15.27	15.25	18.27	15.5	15.5	18.5
802.11n HT40	54	5270	17.33	17.5	17.26	17.5	15.25	15.29	18.28	15.5	15.5	18.5
	62	5310	13.26	13.5	13.21	13.5	13.26	13.21	16.25	13.5	13.5	16.5
802.11ac VHT20	52	5260	17.37	17.5	17.38	17.5	15.44	15.41	18.44	15.5	15.5	18.5
	56	5280	17.34	17.5	17.28	17.5	15.43	15.42	18.44	15.5	15.5	18.5
	60	5300	17.28	17.5	17.30	17.5	15.36	15.39	18.39	15.5	15.5	18.5
	64	5320	17.30	17.5	17.26	17.5	15.37	15.43	18.41	15.5	15.5	18.5
802.11ac VHT40	54	5270	17.26	17.5	17.32	17.5	15.4	15.43	18.43	15.5	15.5	18.5
	62	5310	13.26	13.5	13.24	13.5	13.28	13.24	16.27	13.5	13.5	16.5
802.11ac VHT80	58	5290	12.92	13.0	12.88	13.0	12.96	12.93	15.96	13.0	13.0	16.0

WLAN 5.3GHz												
Body-Worn / Hotspot												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11a	52	5260	17.27	17.5	17.33	17.5	17.37	17.35	20.37	17.5	17.5	20.5
	56	5280	17.35	17.5	17.17	17.5	17.38	17.26	20.33	17.5	17.5	20.5
	60	5300	17.19	17.5	17.21	17.5	17.25	17.23	20.25	17.5	17.5	20.5
	64	5320	17.28	17.5	17.19	17.5	17.32	17.26	20.30	17.5	17.5	20.5
802.11n HT20	52	5260	17.26	17.5	17.30	17.5	17.31	17.32	20.33	17.5	17.5	20.5
	56	5280	17.35	17.5	17.28	17.5	17.40	17.30	20.36	17.5	17.5	20.5
	60	5300	17.23	17.5	17.28	17.5	17.30	17.31	20.32	17.5	17.5	20.5
	64	5320	17.31	17.5	17.20	17.5	17.33	17.27	20.31	17.5	17.5	20.5
802.11n HT40	54	5270	17.33	17.5	17.26	17.5	17.35	17.32	20.35	17.5	17.5	20.5
	62	5310	13.26	13.5	13.21	13.5	13.26	13.21	16.25	13.5	13.5	16.5
802.11ac VHT20	52	5260	17.37	17.5	17.38	17.5	17.38	17.40	20.40	17.5	17.5	20.5
	56	5280	17.34	17.5	17.28	17.5	17.43	17.36	20.41	17.5	17.5	20.5
	60	5300	17.28	17.5	17.30	17.5	17.35	17.32	20.35	17.5	17.5	20.5
	64	5320	17.30	17.5	17.26	17.5	17.36	17.32	20.35	17.5	17.5	20.5
802.11ac VHT40	54	5270	17.26	17.5	17.32	17.5	17.29	17.34	20.33	17.5	17.5	20.5
	62	5310	13.26	13.5	13.24	13.5	13.28	13.24	16.27	13.5	13.5	16.5
802.11ac VHT80	58	5290	12.92	13.0	12.88	13.0	12.96	12.93	15.96	13.0	13.0	16.0

FCC SAR Test Report

WLAN 5.6GHz												
Head / Body-Worn / Hotspot												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11a	100	5500	17.33	17.5	17.44	17.5	17.42	17.51	20.48	17.5	17.5	20.5
	116	5580	17.28	17.5	17.33	17.5	17.36	17.35	20.37	17.5	17.5	20.5
	120	5600	17.34	17.5	17.25	17.5	17.40	17.27	20.35	17.5	17.5	20.5
	124	5620	17.23	17.5	17.28	17.5	17.32	17.30	20.32	17.5	17.5	20.5
	132	5660	17.29	17.5	17.30	17.5	17.33	17.31	20.33	17.5	17.5	20.5
	140	5700	17.27	17.5	17.29	17.5	17.36	17.34	20.36	17.5	17.5	20.5
802.11n HT20	100	5500	17.35	17.5	17.46	17.5	17.41	17.50	20.47	17.5	17.5	20.5
	116	5580	17.35	17.5	17.24	17.5	17.38	17.33	20.37	17.5	17.5	20.5
	120	5600	17.30	17.5	17.11	17.5	17.35	17.21	20.29	17.5	17.5	20.5
	124	5620	17.32	17.5	17.25	17.5	17.33	17.30	20.33	17.5	17.5	20.5
	132	5660	17.26	17.5	17.30	17.5	17.31	17.33	20.33	17.5	17.5	20.5
	140	5700	17.29	17.5	17.25	17.5	17.39	17.31	20.36	17.5	17.5	20.5
802.11n HT40	102	5510	13.78	14.0	13.76	14.0	13.81	13.84	16.84	14.0	14.0	17.0
	110	5550	17.35	17.5	17.20	17.5	17.40	17.26	20.34	17.5	17.5	20.5
	118	5590	17.20	17.5	17.18	17.5	17.26	17.23	20.26	17.5	17.5	20.5
	126	5630	17.33	17.5	17.18	17.5	17.34	17.25	20.31	17.5	17.5	20.5
	134	5670	17.31	17.5	17.48	17.5	17.35	17.53	20.45	17.5	17.5	20.5
	142	5710	17.34	17.5	17.34	17.5	17.40	17.37	20.40	17.5	17.5	20.5
802.11ac VHT20	100	5500	17.43	17.5	17.48	17.5	17.47	17.49	20.49	17.5	17.5	20.5
	116	5580	17.41	17.5	17.38	17.5	17.45	17.40	20.44	17.5	17.5	20.5
	120	5600	17.41	17.5	17.24	17.5	17.42	17.31	20.38	17.5	17.5	20.5
	124	5620	17.33	17.5	17.27	17.5	17.36	17.36	20.37	17.5	17.5	20.5
	132	5660	17.35	17.5	17.32	17.5	17.41	17.34	20.39	17.5	17.5	20.5
	140	5700	17.32	17.5	17.32	17.5	17.42	17.38	20.41	17.5	17.5	20.5
802.11ac VHT40	102	5510	13.81	14.0	13.78	14.0	13.83	13.87	16.86	14.0	14.0	17.0
	110	5550	17.30	17.5	17.25	17.5	17.36	17.31	20.35	17.5	17.5	20.5
	118	5590	17.23	17.5	17.26	17.5	17.27	17.29	20.29	17.5	17.5	20.5
	126	5630	17.30	17.5	17.27	17.5	17.31	17.30	20.32	17.5	17.5	20.5
	134	5670	17.42	17.5	17.48	17.5	17.44	17.50	20.48	17.5	17.5	20.5
	142	5710	17.33	17.5	17.35	17.5	17.41	17.38	20.41	17.5	17.5	20.5
802.11ac VHT80	106	5530	12.41	12.5	12.38	12.5	12.48	12.43	15.47	12.5	12.5	15.5
	122	5610	17.22	17.5	17.23	17.5	17.36	17.32	20.35	17.5	17.5	20.5
	138	5690	17.32	17.5	17.31	17.5	17.41	17.37	20.40	17.5	17.5	20.5

FCC SAR Test Report

WLAN 5.8GHz												
Head / Body-Worn / Hotspot												
Tx Antenna			SISO Ant-0		SISO Ant-1		MIMO Ant-0+1					
Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power	Average Power	Tune-up Power	Average Power			Tune-up Power		
							Ant0	Ant1	Ant0+1	Ant0	Ant1	Ant0+1
802.11a	149	5745	17.26	17.5	17.27	17.5	17.31	17.34	20.34	17.5	17.5	20.5
	153	5765	17.27	17.5	17.20	17.5	17.35	17.29	20.33	17.5	17.5	20.5
	157	5785	17.22	17.5	17.18	17.5	17.30	17.27	20.30	17.5	17.5	20.5
	161	5805	17.26	17.5	17.22	17.5	17.34	17.27	20.32	17.5	17.5	20.5
	165	5825	17.31	17.5	17.23	17.5	17.37	17.29	20.34	17.5	17.5	20.5
802.11n HT20	149	5745	17.23	17.5	17.19	17.5	17.31	17.28	20.31	17.5	17.5	20.5
	153	5765	17.38	17.5	17.25	17.5	17.40	17.31	20.37	17.5	17.5	20.5
	157	5785	17.16	17.5	17.27	17.5	17.25	17.29	20.28	17.5	17.5	20.5
	161	5805	17.32	17.5	17.13	17.5	17.39	17.23	20.32	17.5	17.5	20.5
	165	5825	17.25	17.5	17.19	17.5	17.35	17.25	20.31	17.5	17.5	20.5
802.11n HT40	151	5755	17.25	17.5	17.23	17.5	17.34	17.28	20.32	17.5	17.5	20.5
	159	5795	17.35	17.5	17.23	17.5	17.41	17.24	20.34	17.5	17.5	20.5
802.11ac VHT20	149	5745	17.32	17.5	17.32	17.5	17.37	17.37	20.38	17.5	17.5	20.5
	153	5765	17.36	17.5	17.28	17.5	17.42	17.36	20.40	17.5	17.5	20.5
	157	5785	17.25	17.5	17.23	17.5	17.35	17.30	20.34	17.5	17.5	20.5
	161	5805	17.36	17.5	17.29	17.5	17.43	17.31	20.38	17.5	17.5	20.5
	165	5825	17.42	17.5	17.26	17.5	17.44	17.32	20.39	17.5	17.5	20.5
802.11ac VHT40	151	5755	17.24	17.5	17.24	17.5	17.28	17.32	20.31	17.5	17.5	20.5
	159	5795	17.31	17.5	17.30	17.5	17.36	17.34	20.36	17.5	17.5	20.5
802.11ac VHT80	155	5775	17.31	17.5	17.23	17.5	17.34	17.27	20.32	17.5	17.5	20.5

<Bluetooth Power>

<Bluetooth>

Mode	Channel	Frequency (MHz)	Average Power	Tune-up Power
Bluetooth BDR/GFSK	0	2402	16.90	18.0
	39	2441	16.83	18.0
	78	2480	16.05	18.0
Bluetooth EDR/DPSK	0	2402	12.07	13.0
	39	2441	12.59	13.0
	78	2480	11.06	13.0
Bluetooth 2EDR/8DPSK	0	2402	12.09	13.0
	39	2441	11.96	13.0
	78	2480	11.04	13.0
Bluetooth LE	0	2402	9.33	10.0
	19	2440	9.37	10.0
	39	2480	9.35	10.0
Bluetooth 5.0	0	2402	9.36	10.0
	19	2440	9.28	10.0
	39	2480	9.34	10.0

4.7 SAR Testing Results

4.7.1 SAR Test Reduction Considerations

<KDB 447498 D01, General RF Exposure Guidance>

Testing of other required channels within the operating mode of a frequency band is not required when the reported SAR for the mid-band or highest output power channel is:

- (1) ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz
- (2) ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz
- (3) ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz

When SAR is not measured at the maximum power level allowed for production units, the measured SAR will be scaled to the maximum tune-up tolerance limit to determine compliance. The scaling factor for the tune-up power is defined as maximum tune-up limit (mW) / measured conducted power (mW). The reported SAR would be calculated by measured SAR x tune-up power scaling factor.

The SAR has been measured with highest transmission duty factor supported by the test mode tools for WLAN and/or Bluetooth. When the transmission duty factor could not achieve 100%, the reported SAR will be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up power. The scaling factor for the duty factor is defined as 100% / transmission duty cycle (%). The reported SAR would be calculated by measured SAR x tune-up power scaling factor x duty cycle scaling factor.

<KDB 941225 D01, 3G SAR Measurement Procedures>

The mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq 1/4$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

<KDB 941225 D05, SAR Evaluation Considerations for LTE Devices>

(1) QPSK with 1 RB and 50% RB allocation

Start with the largest channel bandwidth and measure SAR, using the RB offset and required test channel combination with the highest maximum output power among RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

(2) QPSK with 100% RB allocation

SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

(3) Higher order modulations

SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> 1/2$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

(4) Other channel bandwidth

SAR is required when the highest maximum output power of the smaller channel bandwidth is $> 1/2$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

FCC SAR Test Report

<SAR Test Exclusion Evaluations for LTE Downlink CA>

According to Nov 2017 TCB Workshop, SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number of component carriers (CCs) supported by the product implementation. The downlink Carrier Aggregation configurations are tabulated in separate columns. DL CA would be listed in the columns corresponding to Intra Band contiguous, Intra Band Non-contiguous, 2bands/2CCs, 2bands/3CCs and 3bands/3CCs. The CA/CC combinations in each columns are sorted so that frequency bands listed in subsequent columns on each row are ascending subsets, as illustrated below; i.e., columns to the right correspond to increasing number of frequency bands and CCs.

Intra Band			Inter Band		
Contiguous	3CC Contiguous	2CC Non-Contiguous	2 Bands / 2CC	2 Bands / 3CC	3 Bands / 3CC
	CA_2A-2A		CA_2A-4A	CA_2A-2A-4A	CA_2A-4A-5A
	CA_4A-4A		CA_2A-5A	CA_2A-2A-5A	
			CA_4A-5A	CA_2A-4A-4A	
				CA_4A-4A-5A	
CA_7C	CA_7A-7A		CA_2A-7A	CA_2A-7A-7A	CA_2A-4A-7A
			CA_4A-7A	CA_2A-7C	
				CA_4A-4A-7A	
				CA_4A-7A-7A	
			CA_2A-12A	CA_2A-2A-12A	CA_2A-4A-12A
			CA_4A-12A	CA_2A-12B	
			CA_2A-29A		CA_2A-4A-29A
			CA_4A-29A	CA_2A-2A-30A	
			CA_2A-30A		CA_2A-4A-30A
			CA_4A-30A		
			CA_2A-71A	CA_2A-2A-71A	CA_2A-4A-71A
			CA_4A-71A	CA_4A-4A-71A	
			CA_5A-30A		CA_2A-5A-30A
CA_2C		CA_66A-66C	CA_2A-66A	CA_2A-2A-66A	CA_2A-5A-66A
CA_5B			CA_5A-66A	CA_2A-66A-66A	
CA_66C				CA_2C-66A	
CA_66B				CA_2A-66C	
				CA_5A-5A-66A	
				CA_5A-66A-66A	
				CA_5A-66C	
			CA_7A-12A		CA_2A-7A-12A
			CA_12A-30A		CA_2A-12A-30A
			CA_12A-66A	CA_12A-66A-66A	CA_2A-12A-66A
				CA_12A-66C	
			CA_2A-14A	CA_2A-2A-14A	CA_2A-14A-30A
			CA_14A-30A		

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Intra Band			Inter Band		
			CA_14A-66A	CA_14A-66A-66A	CA_2A-14A-66A
			CA_30A-29A		CA_2A-29A-30A
			CA_30A-66A	CA_30A-66A-66A	CA_2A-30A-66A
	CA_66A-66A		CA_66A-71A	CA_66A-66A-71A	CA_2A-66A-71A
				CA_66C-71A	
					CA_4A-5A-30A
CA_12B				CA_4A-4A-12A	CA_4A-7A-12A
				CA_4A-12B	
					CA_4A-12A-30A
					CA_4A-29A-30A
					CA_5A-30A-66A
					CA_12A-30A-66A
					CA_14A-30A-66A
			CA_25A-41A	CA_25A-41C	
	CA_25A-25A		CA_25A-26A	CA_25A-25A-26A	
			CA_5A-7A		
			CA_7A-66A		
			CA_13A-66A		
			CA_26A-41A		
			CA_66A-29A		
CA_41C	CA_41A-41A	CA_41A-41C			
CA_41D					

• Only yellow highlighted cells need power measurement.

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<Power Confirmation for SAR Test Exclusion for LTE Downlink CA>

According to KDB 941225 D05A, the uplink maximum output power below was measured with downlink CA active on the channel with highest measured maximum output power when downlink CA is inactive. The downlink SCC channel was paired with the uplink channel as normal operation. For intra-band contiguous CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing per section 5.4.1A of 3GPP TS36.521. For intra-band non-contiguous CA, the downlink channel spacing between the component carriers was set to maximum separation from PCC and remain fully within the downlink transmission band. For Inter-band CA, the SCC downlink channel was set to near the middle of its transmission band.

Power Measurements for Intra-Band Contiguous Downlink CA

CA Combination	PCC								SCC1				SCC2				Power	
	LTE Band	BW (MHz)	UL Channel	UL Freq. (MHz)	RB Size	RB Offset	DL Channel	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Channel	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Channel	DL Freq. (MHz)	Tx Power with DL-CA Active (dBm)	Single Carrier Tx Power (dBm)
CA_41D (Power Class 3)	41	20	40620	2593	1	0	40620	2593	41	20	40818	2612.8	41	20	41016	2632.6	23.85	23.98
CA_41D (Power Class 2)	41	20	40620	2593	1	0	40620	2593	41	20	40818	2612.8	41	20	41016	2632.6	25.50	25.56

Power Measurements for Intra-Band Non-Contiguous Downlink CA

CA Combination	PCC								SCC1				SCC2				Power	
	LTE Band	BW (MHz)	UL Channel	UL Freq. (MHz)	RB Size	RB Offset	DL Channel	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Channel	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Channel	DL Freq. (MHz)	Tx Power with DL-CA Active (dBm)	Single Carrier Tx Power (dBm)
CA_41A-41C (Power Class 3)	41	20	40620	2593	1	0	40620	2593	41	20	41055	2636.5	41	20	41253	2656.3	23.88	23.98
CA_41A-41C (Power Class 2)	41	20	40620	2593	1	0	40620	2593	41	20	41055	2636.5	41	20	41253	2656.3	25.53	25.56

Power Measurements for Inter-Band Downlink CA

CA Combination	PCC								SCC1				SCC2				Power	
	LTE Band	BW (MHz)	UL Channel	UL Freq. (MHz)	RB Size	RB Offset	DL Channel	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Channel	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Channel	DL Freq. (MHz)	Tx Power with DL-CA Active (dBm)	Single Carrier Tx Power (dBm)
CA_5A-7A	5	10	20600	844	1	0	2600	889	7	20	3100	2655	-	-	-	-	24.50	24.52
CA_7A-66A	7	20	20850	2510	1	0	2580	2630	66	20	66786	2145	-	-	-	-	23.40	23.45
CA_13A-66A	13	10	23230	782	1	24	5230	751	66	20	66786	2145	-	-	-	-	24.22	24.26
CA_26A-41A	26	15	26965	841.5	1	74	8965	886.5	41	20	40620	2593	-	-	-	-	24.52	24.69
CA_66A-29A	66	20	132572	1770	1	0	67036	2170	29	10	9715	722.5	-	-	-	-	23.73	23.76
CA_25A-41C	25	20	26590	1905	1	50	8590	1985	41	20	41055	2636.5	41	20	41253	2656.3	24.53	24.69
CA_25A-25A-26A	25	20	26140	1860	1	50	8140	1940	25	20	8590	1985	26	5	8865	876.5	24.60	24.66
CA_2A-4A-5A	2	20	18900	1880	1	0	900	1960	4	20	2175	2132.5	5	10	2525	881.5	24.52	24.65
CA_2A-4A-7A	2	20	18900	1880	1	0	900	1960	4	20	2175	2132.5	7	20	3100	2655	24.46	24.65
CA_2A-4A-12A	2	20	18900	1880	1	0	900	1960	4	20	2175	2132.5	12	10	5095	737.5	24.51	24.65
CA_2A-4A-29A	2	20	18900	1880	1	0	900	1960	4	20	2175	2132.5	29	10	9715	722.5	24.53	24.65
CA_2A-4A-30A	2	20	18900	1880	1	0	900	1960	4	20	2175	2132.5	30	10	9820	2355	24.49	24.65
CA_2A-4A-71A	2	20	18900	1880	1	0	900	1960	4	20	2175	2132.5	71	20	68761	634.5	24.63	24.65
CA_2A-5A-30A	2	20	18900	1880	1	0	900	1960	5	10	2525	881.5	30	10	9820	2355	24.55	24.65
CA_2A-5A-66A	2	20	18900	1880	1	0	900	1960	5	10	2525	881.5	66	20	66886	2155	24.47	24.65
CA_2A-7A-12A	2	20	18900	1880	1	0	900	1960	7	20	3100	2655	12	10	5095	737.5	24.44	24.65
CA_2A-12A-30A	2	20	18900	1880	1	0	900	1960	12	10	5095	737.5	30	10	9820	2355	24.46	24.65
CA_2A-12A-66A	2	20	18900	1880	1	0	900	1960	12	10	5095	737.5	66	20	66886	2155	24.41	24.65
CA_2A-14A-30A	2	20	18900	1880	1	0	900	1960	14	10	5330	763	30	10	9820	2355	24.55	24.65
CA_2A-14A-66A	2	20	18900	1880	1	0	900	1960	14	10	5330	763	66	20	66886	2155	24.46	24.65
CA_2A-29A-30A	2	20	18900	1880	1	0	900	1960	29	10	9715	722.5	30	10	9820	2355	24.41	24.65
CA_2A-30A-66A	2	20	18900	1880	1	0	900	1960	30	10	9820	2355	66	20	66886	2155	24.47	24.65
CA_2A-66A-71A	2	20	18900	1880	1	0	900	1960	66	20	66886	2155	71	20	68761	634.5	24.60	24.65
CA_4A-5A-30A	4	20	20050	1720	1	0	2050	2120	5	10	2525	881.5	30	10	9820	2355	23.30	23.33
CA_4A-7A-12A	4	20	20050	1720	1	0	2050	2120	7	20	3100	2655	12	10	5095	737.5	23.28	23.33
CA_4A-12A-30A	4	20	20050	1720	1	0	2050	2120	12	10	5095	737.5	30	10	9820	2355	23.26	23.33
CA_4A-29A-30A	4	20	20050	1720	1	0	2050	2120	29	10	9715	722.5	30	10	9820	2355	23.21	23.33
CA_5A-30A-66A	5	10	20600	844	1	0	2600	889	30	10	9820	2355	66	20	66886	2155	24.49	24.52
CA_12A-30A-66A	12	10	23060	704	1	0	5060	734	30	10	9820	2355	66	20	66886	2155	24.63	24.64
CA_14A-30A-66A	14	10	23330	793	1	0	5330	763	30	10	9820	2355	66	20	66886	2155	24.44	24.49

Summary for SAR Test Exclusion for LTE Downlink CA

Per power confirmation results in above, the uplink maximum output power with downlink CA active remains within the specified tune-up tolerance and not more than 0.25 dB higher than the maximum output power with downlink CA inactive. According to KDB 941225 D05A, the SAR test exclusion applies to LTE downlink CA operation.

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<May 2017 TCB Workshop, SAR Test Exclusion for LTE B41 Power Class 2>

Per FCC guidance, the LTE B41 power class 3 is expected to be the dominant use configuration and SAR should be tested as normally required. The LTE B41 power class 2 is tested using the highest SAR test configuration in power class 3 according to the highest time-averaged power for all applicable uplink-downlink configuration in power class 2. Separate SAR testing for power class 2 is not required when the reported SAR and power can be linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg.

	LTE Band 41 Power Class 3	LTE Band 41 Power Class 2
Head Exposure Condition		
Measured Power (dBm)	23.88	25.75
Duty Cycle (%)	63.3%	43.3%
Time-Averaged Power (mW)	155	163
Maximum Measured SAR (W/kg)	0.669	0.648
Deviation from Expected Linearity (%)	-7.94%	
Separate SAR Test Require?	No	
Body-worn Exposure Condition		
Measured Power (dBm)	23.88	25.75
Duty Cycle (%)	63.3%	43.3%
Time-Averaged Power (mW)	155	163
Maximum Measured SAR (W/kg)	0.394	0.388
Deviation from Expected Linearity (%)	-6.41%	
Separate SAR Test Require?	No	
Hotspot Exposure Condition		
Measured Power (dBm)	23.88	25.75
Duty Cycle (%)	63.3%	43.3%
Time-Averaged Power (mW)	155	163
Maximum Measured SAR (W/kg)	0.394	0.388
Deviation from Expected Linearity (%)	-6.41%	
Separate SAR Test Require?	No	

<KDB 248227 D01, SAR Guidance for Wi-Fi Transmitters>

- (1) For handsets operating next to ear, hotspot mode or mini-tablet configurations, the initial test position procedures were applied. The test position with the highest extrapolated peak SAR will be used as the initial test position. When the reported SAR of initial test position is ≤ 0.4 W/kg, SAR testing for remaining test positions is not required. Otherwise, SAR is evaluated at the subsequent highest peak SAR positions until the reported SAR result is ≤ 0.8 W/kg or all test positions are measured.
- (2) For WLAN 2.4 GHz, the highest measured maximum output power channel for DSSS was selected for SAR measurement. When the reported SAR is ≤ 0.8 W/kg, no further SAR testing is required. Otherwise, SAR is evaluated at the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel. For OFDM modes (802.11g/n), SAR is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and it is ≤ 1.2 W/kg.
- (3) For WLAN 5 GHz, the initial test configuration was selected according to the transmission mode with the highest maximum output power. When the reported SAR of initial test configuration is > 0.8 W/kg, SAR is required for the subsequent highest measured output power channel until the reported SAR result is ≤ 1.2 W/kg or all required channels are measured. For other transmission modes, SAR is not required when the highest reported SAR for initial test configuration is adjusted by the ratio of subsequent test configuration to initial test configuration specified maximum output power and it is ≤ 1.2 W/kg.
- (4) For WLAN MIMO mode, the power-based standalone SAR test exclusion or the sum of SAR provision in KDB 447498 to determine simultaneous transmission SAR test exclusion should be applied. Otherwise, SAR for MIMO mode will be measured with all applicable antennas transmitting simultaneously at the specified maximum output power of MIMO operation.

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4.7.2 SAR Results for Head Exposure Condition

Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON												
	GSM850	GPRS12	Right Cheek	189	1	Ant 0	29.0	27.75	1.33	-0.18	0.1	0.13
	GSM850	GPRS12	Right Tilted	189	1	Ant 0	29.0	27.75	1.33	-0.03	0.043	0.06
	GSM850	GPRS12	Left Cheek	189	1	Ant 0	29.0	27.75	1.33	0.01	0.075	0.10
	GSM850	GPRS12	Left Tilted	189	1	Ant 0	29.0	27.75	1.33	0.07	0.056	0.07
01	GSM850	GPRS12	Right Cheek	189	1	Ant 1	29.0	27.75	1.33	-0.09	0.601	0.80
	GSM850	GPRS12	Right Tilted	189	1	Ant 1	29.0	27.75	1.33	0.05	0.593	0.79
	GSM850	GPRS12	Left Cheek	189	1	Ant 1	29.0	27.75	1.33	-0.02	0.269	0.36
	GSM850	GPRS12	Left Tilted	189	1	Ant 1	29.0	27.75	1.33	0.07	0.262	0.35
	GSM850	GPRS12	Right Cheek	128	1	Ant 1	29.0	27.73	1.34	0.01	0.497	0.67
	GSM850	GPRS12	Right Cheek	251	1	Ant 1	29.0	27.69	1.35	0.13	0.452	0.61
	GSM850	GPRS12	Right Cheek	189	2	Ant 1	29.0	27.75	1.33	-0.04	0.584	0.78
WLAN OFF												
	GSM1900	GPRS12	Right Cheek	661	1	Ant 0	26.5	25.03	1.40	0.00	<0.001	0.00
	GSM1900	GPRS12	Right Tilted	661	1	Ant 0	26.5	25.03	1.40	0.00	<0.001	0.00
	GSM1900	GPRS12	Left Cheek	661	1	Ant 0	26.5	25.03	1.40	0.09	0.039	0.05
	GSM1900	GPRS12	Left Tilted	661	1	Ant 0	26.5	25.03	1.40	0.00	<0.001	0.00
	GSM1900	GPRS12	Right Cheek	661	1	Ant 1	26.5	25.03	1.40	0.03	0.712	1.00
	GSM1900	GPRS12	Right Tilted	661	1	Ant 1	26.5	25.03	1.40	-0.05	0.765	1.07
	GSM1900	GPRS12	Left Cheek	661	1	Ant 1	26.5	25.03	1.40	0.01	0.448	0.63
	GSM1900	GPRS12	Left Tilted	661	1	Ant 1	26.5	25.03	1.40	0.07	0.521	0.73
	GSM1900	GPRS12	Right Cheek	512	1	Ant 1	26.5	24.98	1.42	0.11	0.722	1.03
	GSM1900	GPRS12	Right Cheek	810	1	Ant 1	26.5	24.96	1.43	-0.02	0.743	1.06
	GSM1900	GPRS12	Right Tilted	512	1	Ant 1	26.5	24.98	1.42	0.12	0.756	1.07
02	GSM1900	GPRS12	Right Tilted	810	1	Ant 1	26.5	24.96	1.43	-0.17	0.811	1.16
	GSM1900	GPRS12	Right Tilted	810	2	Ant 1	26.5	24.96	1.43	-0.05	0.789	1.13
	GSM1900	GPRS12	Right Tilted	512	2	Ant 1	26.5	24.98	1.42	-0.08	0.762	1.08
	GSM1900	GPRS12	Right Tilted	661	2	Ant 1	26.5	25.03	1.40	0.11	0.783	1.10
	GSM1900	GPRS12	Right Tilted	810	1	Ant 1	26.5	24.96	1.43	0.05	0.802	1.15
WLAN ON												
	GSM1900	GPRS12	Right Cheek	661	1	Ant 0	26.5	25.03	1.40	0.00	<0.001	0.00
	GSM1900	GPRS12	Right Tilted	661	1	Ant 0	26.5	25.03	1.40	0.00	<0.001	0.00
	GSM1900	GPRS12	Left Cheek	661	1	Ant 0	26.5	25.03	1.40	0.09	0.039	0.05
	GSM1900	GPRS12	Left Tilted	661	1	Ant 0	26.5	25.03	1.40	0.00	<0.001	0.00
	GSM1900	GPRS12	Right Cheek	661	1	Ant 1	25.5	24.64	1.22	0.03	0.487	0.59
	GSM1900	GPRS12	Right Tilted	661	1	Ant 1	25.5	24.64	1.22	-0.05	0.523	0.64
	GSM1900	GPRS12	Left Cheek	661	1	Ant 1	25.5	24.64	1.22	0.00	0.298	0.36
	GSM1900	GPRS12	Left Tilted	661	1	Ant 1	25.5	24.64	1.22	0.07	0.332	0.41
	GSM1900	GPRS12	Right Tilted	512	1	Ant 1	25.5	24.47	1.27	-0.05	0.498	0.63
	GSM1900	GPRS12	Right Tilted	810	1	Ant 1	25.5	24.49	1.26	0.11	0.502	0.63

Note: "<0.001" means there is no SAR value or the SAR is too low to be measured.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF												
	WCDMA II	RMC12.2K	Right Cheek	9400	1	Ant 0	25.7	24.88	1.21	0.05	0.054	0.07
	WCDMA II	RMC12.2K	Right Tilted	9400	1	Ant 0	25.7	24.88	1.21	-0.03	0.039	0.05
	WCDMA II	RMC12.2K	Left Cheek	9400	1	Ant 0	25.7	24.88	1.21	0.10	0.101	0.12
	WCDMA II	RMC12.2K	Left Tilted	9400	1	Ant 0	25.7	24.88	1.21	0.06	0.041	0.05
	WCDMA II	RMC12.2K	Right Cheek	9400	1	Ant 1	23.5	22.94	1.14	0.11	0.858	0.98
03	WCDMA II	RMC12.2K	Right Tilted	9400	1	Ant 1	23.5	22.94	1.14	-0.12	0.881	1.00
	WCDMA II	RMC12.2K	Left Cheek	9400	1	Ant 1	23.5	22.94	1.14	0.07	0.402	0.46
	WCDMA II	RMC12.2K	Left Tilted	9400	1	Ant 1	23.5	22.94	1.14	0.05	0.483	0.55
	WCDMA II	RMC12.2K	Right Cheek	9262	1	Ant 1	23.5	22.85	1.16	0.01	0.728	0.84
	WCDMA II	RMC12.2K	Right Cheek	9538	1	Ant 1	23.5	22.87	1.16	-0.15	0.797	0.92
	WCDMA II	RMC12.2K	Right Tilted	9262	1	Ant 1	23.5	22.85	1.16	-0.02	0.773	0.90
	WCDMA II	RMC12.2K	Right Tilted	9538	1	Ant 1	23.5	22.87	1.16	0.03	0.811	0.94
	WCDMA II	RMC12.2K	Right Tilted	9400	2	Ant 1	23.5	22.94	1.14	-0.08	0.841	0.96
	WCDMA II	RMC12.2K	Right Tilted	9262	2	Ant 1	23.5	22.85	1.16	-0.05	0.811	0.94
	WCDMA II	RMC12.2K	Right Tilted	9538	2	Ant 1	23.5	22.87	1.16	0.09	0.835	0.97
	WCDMA II	RMC12.2K	Right Tilted	9400	1	Ant 1	23.5	22.94	1.14	0.06	0.869	0.99
WLAN ON												
	WCDMA II	RMC12.2K	Right Cheek	9400	1	Ant 0	25.7	24.88	1.21	0.05	0.054	0.07
	WCDMA II	RMC12.2K	Right Tilted	9400	1	Ant 0	25.7	24.88	1.21	-0.03	0.039	0.05
	WCDMA II	RMC12.2K	Left Cheek	9400	1	Ant 0	25.7	24.88	1.21	0.10	0.101	0.12
	WCDMA II	RMC12.2K	Left Tilted	9400	1	Ant 0	25.7	24.88	1.21	0.06	0.041	0.05
	WCDMA II	RMC12.2K	Right Cheek	9400	1	Ant 1	19.0	18.49	1.12	0.11	0.417	0.47
	WCDMA II	RMC12.2K	Right Tilted	9400	1	Ant 1	19.0	18.49	1.12	0.09	0.428	0.48
	WCDMA II	RMC12.2K	Left Cheek	9400	1	Ant 1	19.0	18.49	1.12	0.07	0.195	0.22
	WCDMA II	RMC12.2K	Left Tilted	9400	1	Ant 1	19.0	18.49	1.12	0.05	0.234	0.26
	WCDMA II	RMC12.2K	Right Tilted	9262	1	Ant 1	19.0	18.33	1.17	-0.08	0.398	0.47
	WCDMA II	RMC12.2K	Right Tilted	9538	1	Ant 1	19.0	18.46	1.13	0.01	0.394	0.45
WLAN OFF												
	WCDMA IV	RMC12.2K	Right Cheek	1413	1	Ant 0	24.0	22.90	1.29	-0.08	0.054	0.07
	WCDMA IV	RMC12.2K	Right Tilted	1413	1	Ant 0	24.0	22.90	1.29	0.00	<0.001	0.00
	WCDMA IV	RMC12.2K	Left Cheek	1413	1	Ant 0	24.0	22.90	1.29	0.05	0.028	0.04
	WCDMA IV	RMC12.2K	Left Tilted	1413	1	Ant 0	24.0	22.90	1.29	0.00	<0.001	0.00
	WCDMA IV	RMC12.2K	Right Cheek	1413	1	Ant 1	24.0	22.90	1.29	0.02	0.679	0.88
	WCDMA IV	RMC12.2K	Right Tilted	1413	1	Ant 1	24.0	22.90	1.29	-0.05	0.734	0.95
	WCDMA IV	RMC12.2K	Left Cheek	1413	1	Ant 1	24.0	22.90	1.29	0.01	0.323	0.42
	WCDMA IV	RMC12.2K	Left Tilted	1413	1	Ant 1	24.0	22.90	1.29	-0.07	0.507	0.65
	WCDMA IV	RMC12.2K	Right Cheek	1312	1	Ant 1	24.0	22.86	1.30	0.04	0.601	0.78
	WCDMA IV	RMC12.2K	Right Cheek	1513	1	Ant 1	24.0	22.88	1.29	-0.03	0.567	0.73
	WCDMA IV	RMC12.2K	Right Tilted	1312	1	Ant 1	24.0	22.86	1.30	0.03	0.682	0.89
04	WCDMA IV	RMC12.2K	Right Tilted	1513	1	Ant 1	24.0	22.88	1.29	-0.18	0.760	0.98
	WCDMA IV	RMC12.2K	Right Tilted	1513	2	Ant 1	24.0	22.88	1.29	0.03	0.610	0.79
WLAN ON												
	WCDMA IV	RMC12.2K	Right Cheek	1413	1	Ant 0	24.0	22.90	1.29	-0.08	0.054	0.07
	WCDMA IV	RMC12.2K	Right Tilted	1413	1	Ant 0	24.0	22.90	1.29	0.00	<0.001	0.00
	WCDMA IV	RMC12.2K	Left Cheek	1413	1	Ant 0	24.0	22.90	1.29	0.05	0.028	0.04
	WCDMA IV	RMC12.2K	Left Tilted	1413	1	Ant 0	24.0	22.90	1.29	0.00	<0.001	0.00
	WCDMA IV	RMC12.2K	Right Cheek	1413	1	Ant 1	21.0	20.43	1.14	0.02	0.446	0.51
	WCDMA IV	RMC12.2K	Right Tilted	1413	1	Ant 1	21.0	20.43	1.14	-0.05	0.479	0.55
	WCDMA IV	RMC12.2K	Left Cheek	1413	1	Ant 1	21.0	20.43	1.14	0.01	0.212	0.24
	WCDMA IV	RMC12.2K	Left Tilted	1413	1	Ant 1	21.0	20.43	1.14	0.05	0.333	0.38

Note: "<0.001" means there is no SAR value or the SAR is too low to be measured.

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON												
	WCDMA V	RMC12.2K	Right Cheek	4182	1	Ant 0	24.5	23.66	1.21	-0.15	0.086	0.10
	WCDMA V	RMC12.2K	Right Tilted	4182	1	Ant 0	24.5	23.66	1.21	0.05	0.041	0.05
	WCDMA V	RMC12.2K	Left Cheek	4182	1	Ant 0	24.5	23.66	1.21	-0.02	0.077	0.09
	WCDMA V	RMC12.2K	Left Tilted	4182	1	Ant 0	24.5	23.66	1.21	0.01	0.052	0.06
	WCDMA V	RMC12.2K	Right Cheek	4182	1	Ant 1	24.5	23.66	1.21	0.05	0.483	0.58
05	WCDMA V	RMC12.2K	Right Tilted	4182	1	Ant 1	24.5	23.66	1.21	0.02	0.493	0.60
	WCDMA V	RMC12.2K	Left Cheek	4182	1	Ant 1	24.5	23.66	1.21	-0.08	0.301	0.36
	WCDMA V	RMC12.2K	Left Tilted	4182	1	Ant 1	24.5	23.66	1.21	0.01	0.345	0.42
	WCDMA V	RMC12.2K	Right Tilted	4132	1	Ant 1	24.5	23.65	1.22	0.03	0.428	0.52
	WCDMA V	RMC12.2K	Right Tilted	4233	1	Ant 1	24.5	23.62	1.22	-0.05	0.413	0.50
	WCDMA V	RMC12.2K	Right Tilted	4182	2	Ant 1	24.5	23.66	1.21	0.10	0.471	0.57
WLAN OFF / WLAN ON												
	CDMA BC0	RC3+SO55	Right Cheek	777	1	Ant 0	25.5	24.67	1.21	-0.07	0.117	0.14
	CDMA BC0	RC3+SO55	Right Tilted	777	1	Ant 0	25.5	24.67	1.21	0.05	0.057	0.07
	CDMA BC0	RC3+SO55	Left Cheek	777	1	Ant 0	25.5	24.67	1.21	-0.02	0.089	0.11
	CDMA BC0	RC3+SO55	Left Tilted	777	1	Ant 0	25.5	24.67	1.21	0.07	0.065	0.08
	CDMA BC0	RC3+SO55	Right Cheek	777	1	Ant 1	25.5	24.67	1.21	0.03	0.527	0.64
	CDMA BC0	RC3+SO55	Right Tilted	777	1	Ant 1	25.5	24.67	1.21	0.01	0.513	0.62
	CDMA BC0	RC3+SO55	Left Cheek	777	1	Ant 1	25.5	24.67	1.21	-0.05	0.298	0.36
	CDMA BC0	RC3+SO55	Left Tilted	777	1	Ant 1	25.5	24.67	1.21	0.03	0.339	0.41
	CDMA BC0	RC3+SO55	Right Cheek	1013	1	Ant 1	25.5	24.45	1.27	-0.13	0.553	0.70
06	CDMA BC0	RC3+SO55	Right Cheek	384	1	Ant 1	25.5	24.43	1.28	0.10	0.638	0.82
	CDMA BC0	RC3+SO55	Right Cheek	384	2	Ant 1	25.5	24.43	1.28	-0.08	0.594	0.76
WLAN OFF												
	CDMA BC1	RC3+SO55	Right Cheek	1175	1	Ant 0	25.0	23.99	1.26	0.08	0.041	0.05
	CDMA BC1	RC3+SO55	Right Tilted	1175	1	Ant 0	25.0	23.99	1.26	-0.05	0.035	0.04
	CDMA BC1	RC3+SO55	Left Cheek	1175	1	Ant 0	25.0	23.99	1.26	0.15	0.056	0.07
	CDMA BC1	RC3+SO55	Left Tilted	1175	1	Ant 0	25.0	23.99	1.26	0.02	0.024	0.03
	CDMA BC1	RC3+SO55	Right Cheek	1175	1	Ant 1	21.0	20.61	1.09	0.01	0.923	1.01
07	CDMA BC1	RC3+SO55	Right Tilted	1175	1	Ant 1	21.0	20.61	1.09	-0.13	0.969	1.06
	CDMA BC1	RC3+SO55	Left Cheek	1175	1	Ant 1	21.0	20.61	1.09	0.01	0.529	0.58
	CDMA BC1	RC3+SO55	Left Tilted	1175	1	Ant 1	21.0	20.61	1.09	-0.05	0.584	0.64
	CDMA BC1	RC3+SO55	Right Cheek	25	1	Ant 1	21.0	20.37	1.16	-0.08	0.732	0.85
	CDMA BC1	RC3+SO55	Right Cheek	600	1	Ant 1	21.0	20.56	1.11	0.03	0.816	0.91
	CDMA BC1	RC3+SO55	Right Tilted	25	1	Ant 1	21.0	20.37	1.16	0.08	0.759	0.88
	CDMA BC1	RC3+SO55	Right Tilted	600	1	Ant 1	21.0	20.56	1.11	0.03	0.873	0.97
	CDMA BC1	RC3+SO55	Right Tilted	1175	2	Ant 1	21.0	20.61	1.09	0.07	0.882	0.96
	CDMA BC1	RC3+SO55	Right Tilted	25	2	Ant 1	21.0	20.37	1.16	-0.09	0.796	0.92
	CDMA BC1	RC3+SO55	Right Tilted	600	2	Ant 1	21.0	20.56	1.11	0.13	0.857	0.95
	CDMA BC1	RC3+SO55	Right Tilted	1175	1	Ant 1	21.0	20.61	1.09	0.02	0.952	1.04
WLAN ON												
	CDMA BC1	RC3+SO55	Right Cheek	1175	1	Ant 0	25.0	23.99	1.26	0.08	0.041	0.05
	CDMA BC1	RC3+SO55	Right Tilted	1175	1	Ant 0	25.0	23.99	1.26	-0.05	0.035	0.04
	CDMA BC1	RC3+SO55	Left Cheek	1175	1	Ant 0	25.0	23.99	1.26	0.15	0.056	0.07
	CDMA BC1	RC3+SO55	Left Tilted	1175	1	Ant 0	25.0	23.99	1.26	0.02	0.024	0.03
	CDMA BC1	RC3+SO55	Right Cheek	1175	1	Ant 1	17.0	16.44	1.14	0.01	0.294	0.34
	CDMA BC1	RC3+SO55	Right Tilted	1175	1	Ant 1	17.0	16.44	1.14	-0.13	0.307	0.35
	CDMA BC1	RC3+SO55	Left Cheek	1175	1	Ant 1	17.0	16.44	1.14	0.01	0.164	0.19
	CDMA BC1	RC3+SO55	Left Tilted	1175	1	Ant 1	17.0	16.44	1.14	-0.05	0.181	0.21
	CDMA BC1	RC3+SO55	Right Tilted	25	1	Ant 1	17.0	16.18	1.21	-0.08	0.274	0.33
	CDMA BC1	RC3+SO55	Right Tilted	600	1	Ant 1	17.0	16.37	1.16	0.03	0.268	0.31

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF												
	CDMA BC10	RC3+SO55	Right Cheek	580	1	Ant 0	25.5	24.51	1.26	-0.12	0.093	0.12
	CDMA BC10	RC3+SO55	Right Tilted	580	1	Ant 0	25.5	24.51	1.26	0.01	0.051	0.06
	CDMA BC10	RC3+SO55	Left Cheek	580	1	Ant 0	25.5	24.51	1.26	0.07	0.091	0.11
	CDMA BC10	RC3+SO55	Left Tilted	580	1	Ant 0	25.5	24.51	1.26	-0.02	0.065	0.08
	CDMA BC10	RC3+SO55	Right Cheek	580	1	Ant 1	25.5	24.51	1.26	0.05	0.573	0.72
	CDMA BC10	RC3+SO55	Right Tilted	580	1	Ant 1	25.5	24.51	1.26	0.03	0.554	0.70
	CDMA BC10	RC3+SO55	Left Cheek	580	1	Ant 1	25.5	24.51	1.26	-0.11	0.405	0.51
	CDMA BC10	RC3+SO55	Left Tilted	580	1	Ant 1	25.5	24.51	1.26	0.05	0.424	0.53
08	CDMA BC10	RC3+SO55	Right Cheek	476	1	Ant 1	25.5	24.35	1.30	0.10	0.597	0.78
	CDMA BC10	RC3+SO55	Right Cheek	684	1	Ant 1	25.5	24.39	1.29	0.02	0.546	0.70
	CDMA BC10	RC3+SO55	Right Cheek	476	2	Ant 1	25.5	24.35	1.30	-0.08	0.521	0.68
WLAN ON												
	CDMA BC10	RC3+SO55	Right Cheek	580	1	Ant 0	25.5	24.51	1.26	-0.12	0.093	0.12
	CDMA BC10	RC3+SO55	Right Tilted	580	1	Ant 0	25.5	24.51	1.26	0.01	0.051	0.06
	CDMA BC10	RC3+SO55	Left Cheek	580	1	Ant 0	25.5	24.51	1.26	0.07	0.091	0.11
	CDMA BC10	RC3+SO55	Left Tilted	580	1	Ant 0	25.5	24.51	1.26	-0.02	0.065	0.08
	CDMA BC10	RC3+SO55	Right Cheek	580	1	Ant 1	24.5	23.78	1.18	0.05	0.379	0.45
	CDMA BC10	RC3+SO55	Right Tilted	580	1	Ant 1	24.5	23.78	1.18	0.03	0.367	0.43
	CDMA BC10	RC3+SO55	Left Cheek	580	1	Ant 1	24.5	23.78	1.18	-0.01	0.271	0.32
	CDMA BC10	RC3+SO55	Left Tilted	580	1	Ant 1	24.5	23.78	1.18	0.05	0.283	0.33
	CDMA BC10	RC3+SO55	Right Cheek	476	1	Ant 1	24.5	23.67	1.21	-0.09	0.352	0.43
	CDMA BC10	RC3+SO55	Right Cheek	684	1	Ant 1	24.5	23.76	1.19	0.01	0.347	0.41

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Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	
WLAN OFF															
	LTE 5	QPSK10M	Right Cheek	20600	1	0	1	Ant 0	25.7	24.52	1.31	-0.03	0.092	0.12	
	LTE 5	QPSK10M	Right Tilted	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.02	0.052	0.07	
	LTE 5	QPSK10M	Left Cheek	20600	1	0	1	Ant 0	25.7	24.52	1.31	-0.01	0.077	0.10	
	LTE 5	QPSK10M	Left Tilted	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.05	0.051	0.07	
	LTE 5	QPSK10M	Right Cheek	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.07	0.080	0.10	
	LTE 5	QPSK10M	Right Tilted	20600	25	0	1	Ant 0	24.7	23.67	1.27	-0.06	0.041	0.05	
	LTE 5	QPSK10M	Left Cheek	20600	25	0	1	Ant 0	24.7	23.67	1.27	-0.10	0.060	0.08	
	LTE 5	QPSK10M	Left Tilted	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.05	0.039	0.05	
	LTE 5	QPSK10M	Right Cheek	20600	1	0	1	Ant 1	25.7	24.52	1.31	0.08	0.562	0.74	
	LTE 5	QPSK10M	Right Tilted	20600	1	0	1	Ant 1	25.7	24.52	1.31	0.11	0.585	0.77	
	LTE 5	QPSK10M	Left Cheek	20600	1	0	1	Ant 1	25.7	24.52	1.31	-0.02	0.458	0.60	
	LTE 5	QPSK10M	Left Tilted	20600	1	0	1	Ant 1	25.7	24.52	1.31	0.09	0.487	0.64	
	LTE 5	QPSK10M	Right Cheek	20600	25	0	1	Ant 1	24.7	23.67	1.27	0.07	0.378	0.48	
	LTE 5	QPSK10M	Right Tilted	20600	25	0	1	Ant 1	24.7	23.67	1.27	-0.05	0.451	0.57	
	LTE 5	QPSK10M	Left Cheek	20600	25	0	1	Ant 1	24.7	23.67	1.27	-0.02	0.326	0.41	
	LTE 5	QPSK10M	Left Tilted	20600	25	0	1	Ant 1	24.7	23.67	1.27	-0.04	0.367	0.47	
	LTE 5	QPSK10M	Right Tilted	20450	1	0	1	Ant 1	25.7	24.32	1.37	-0.10	0.476	0.65	
09	LTE 5	QPSK10M	Right Tilted	20525	1	0	1	Ant 1	25.7	24.44	1.34	0.13	0.593	0.79	
	LTE 5	QPSK10M	Right Tilted	20525	1	0	2	Ant 1	25.7	24.44	1.34	0.01	0.572	0.77	
WLAN ON															
	LTE 5	QPSK10M	Right Cheek	20600	1	0	1	Ant 0	25.7	24.52	1.31	-0.03	0.092	0.12	
	LTE 5	QPSK10M	Right Tilted	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.02	0.052	0.07	
	LTE 5	QPSK10M	Left Cheek	20600	1	0	1	Ant 0	25.7	24.52	1.31	-0.01	0.077	0.10	
	LTE 5	QPSK10M	Left Tilted	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.05	0.051	0.07	
	LTE 5	QPSK10M	Right Cheek	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.07	0.080	0.10	
	LTE 5	QPSK10M	Right Tilted	20600	25	0	1	Ant 0	24.7	23.67	1.27	-0.06	0.041	0.05	
	LTE 5	QPSK10M	Left Cheek	20600	25	0	1	Ant 0	24.7	23.67	1.27	-0.10	0.060	0.08	
	LTE 5	QPSK10M	Left Tilted	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.05	0.039	0.05	
	LTE 5	QPSK10M	Right Cheek	20600	1	0	1	Ant 1	22.5	21.59	1.23	0.08	0.205	0.25	
	LTE 5	QPSK10M	Right Tilted	20600	1	0	1	Ant 1	22.5	21.59	1.23	0.11	0.213	0.26	
	LTE 5	QPSK10M	Left Cheek	20600	1	0	1	Ant 1	22.5	21.59	1.23	-0.02	0.167	0.21	
	LTE 5	QPSK10M	Left Tilted	20600	1	0	1	Ant 1	22.5	21.59	1.23	0.09	0.177	0.22	
	LTE 5	QPSK10M	Right Cheek	20600	25	0	1	Ant 1	22.5	21.58	1.24	0.07	0.139	0.17	
	LTE 5	QPSK10M	Right Tilted	20600	25	0	1	Ant 1	22.5	21.58	1.24	-0.05	0.165	0.20	
	LTE 5	QPSK10M	Left Cheek	20600	25	0	1	Ant 1	22.5	21.58	1.24	-0.02	0.119	0.15	
	LTE 5	QPSK10M	Left Tilted	20600	25	0	1	Ant 1	22.5	21.58	1.24	-0.04	0.134	0.17	
	LTE 5	QPSK10M	Right Tilted	20450	1	0	1	Ant 1	22.5	21.33	1.31	-0.09	0.189	0.25	
	LTE 5	QPSK10M	Right Tilted	20525	1	0	1	Ant 1	22.5	21.53	1.25	0.07	0.202	0.25	

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Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
	LTE 7	QPSK20M	Right Cheek	20850	1	0	1	Ant 2	24.5	23.45	1.27	-0.08	0.521	0.66
	LTE 7	QPSK20M	Right Tilted	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.02	0.118	0.15
	LTE 7	QPSK20M	Left Cheek	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.07	0.272	0.35
	LTE 7	QPSK20M	Left Tilted	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.13	0.232	0.29
	LTE 7	QPSK20M	Right Cheek	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.05	0.419	0.52
	LTE 7	QPSK20M	Right Tilted	20850	50	0	1	Ant 2	23.5	22.53	1.25	-0.06	0.098	0.12
	LTE 7	QPSK20M	Left Cheek	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.02	0.220	0.28
	LTE 7	QPSK20M	Left Tilted	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.01	0.186	0.23
10	LTE 7	QPSK20M	Right Cheek	20850	1	0	1	Ant 3	24.5	23.45	1.27	-0.14	1.05	1.33
	LTE 7	QPSK20M	Right Tilted	20850	1	0	1	Ant 3	24.5	23.45	1.27	0.02	0.755	0.96
	LTE 7	QPSK20M	Left Cheek	20850	1	0	1	Ant 3	24.5	23.45	1.27	0.05	0.429	0.54
	LTE 7	QPSK20M	Left Tilted	20850	1	0	1	Ant 3	24.5	23.45	1.27	-0.01	0.357	0.45
	LTE 7	QPSK20M	Right Cheek	20850	50	0	1	Ant 3	23.5	22.53	1.25	0.07	0.837	1.05
	LTE 7	QPSK20M	Right Tilted	20850	50	0	1	Ant 3	23.5	22.53	1.25	0.03	0.691	0.86
	LTE 7	QPSK20M	Left Cheek	20850	50	0	1	Ant 3	23.5	22.53	1.25	-0.09	0.387	0.48
	LTE 7	QPSK20M	Left Tilted	20850	50	0	1	Ant 3	23.5	22.53	1.25	0.13	0.265	0.33
	LTE 7	QPSK20M	Right Cheek	21100	1	0	1	Ant 3	24.5	23.41	1.29	0.05	1.01	1.30
	LTE 7	QPSK20M	Right Cheek	21350	1	0	1	Ant 3	24.5	23.38	1.29	0.07	1.02	1.32
	LTE 7	QPSK20M	Right Tilted	21100	1	0	1	Ant 3	24.5	23.41	1.29	-0.03	0.737	0.95
	LTE 7	QPSK20M	Right Tilted	21350	1	0	1	Ant 3	24.5	23.38	1.29	0.02	0.747	0.96
	LTE 7	QPSK20M	Right Cheek	21100	50	0	1	Ant 3	23.5	22.49	1.26	0.02	0.816	1.03
	LTE 7	QPSK20M	Right Cheek	21350	50	0	1	Ant 3	23.5	22.46	1.27	-0.09	0.823	1.05
	LTE 7	QPSK20M	Right Tilted	21100	50	0	1	Ant 3	23.5	22.49	1.26	0.13	0.672	0.85
	LTE 7	QPSK20M	Right Tilted	21350	50	0	1	Ant 3	23.5	22.46	1.27	0.07	0.679	0.86
	LTE 7	QPSK20M	Right Cheek	20850	100	0	1	Ant 3	23.5	22.51	1.26	0.02	0.721	0.91
	LTE 7	QPSK20M	Right Tilted	20850	100	0	1	Ant 3	23.5	22.51	1.26	0.07	0.602	0.76
	LTE 7	QPSK20M	Right Cheek	20850	1	0	2	Ant 3	24.5	23.45	1.27	0.01	0.984	1.25
	LTE 7	QPSK20M	Right Cheek	21100	1	0	2	Ant 3	24.5	23.41	1.29	-0.08	0.975	1.26
	LTE 7	QPSK20M	Right Cheek	21350	1	0	2	Ant 3	24.5	23.38	1.29	0.09	0.951	1.23
	LTE 7	QPSK20M	Right Cheek	20850	1	0	1	Ant 3	24.5	23.45	1.27	-0.05	1.01	1.28
WLAN ON														
	LTE 7	QPSK20M	Right Cheek	20850	1	0	1	Ant 2	24.5	23.45	1.27	-0.08	0.521	0.66
	LTE 7	QPSK20M	Right Tilted	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.02	0.118	0.15
	LTE 7	QPSK20M	Left Cheek	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.07	0.272	0.35
	LTE 7	QPSK20M	Left Tilted	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.13	0.232	0.29
	LTE 7	QPSK20M	Right Cheek	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.05	0.419	0.52
	LTE 7	QPSK20M	Right Tilted	20850	50	0	1	Ant 2	23.5	22.53	1.25	-0.06	0.098	0.12
	LTE 7	QPSK20M	Left Cheek	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.02	0.220	0.28
	LTE 7	QPSK20M	Left Tilted	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.01	0.186	0.23
	LTE 7	QPSK20M	Right Cheek	20850	1	0	1	Ant 3	20.0	19.23	1.19	-0.03	0.382	0.45
	LTE 7	QPSK20M	Right Tilted	20850	1	0	1	Ant 3	20.0	19.23	1.19	0.02	0.268	0.32
	LTE 7	QPSK20M	Left Cheek	20850	1	0	1	Ant 3	20.0	19.23	1.19	0.05	0.152	0.18
	LTE 7	QPSK20M	Left Tilted	20850	1	0	1	Ant 3	20.0	19.23	1.19	-0.01	0.126	0.15
	LTE 7	QPSK20M	Right Cheek	20850	50	0	1	Ant 3	20.0	19.22	1.20	0.07	0.297	0.36
	LTE 7	QPSK20M	Right Tilted	20850	50	0	1	Ant 3	20.0	19.22	1.20	0.03	0.245	0.29
	LTE 7	QPSK20M	Left Cheek	20850	50	0	1	Ant 3	20.0	19.22	1.20	-0.09	0.137	0.16
	LTE 7	QPSK20M	Left Tilted	20850	50	0	1	Ant 3	20.0	19.22	1.20	0.13	0.094	0.11
	LTE 7	QPSK20M	Right Cheek	21100	1	0	1	Ant 3	20.0	19.17	1.21	-0.07	0.351	0.42
	LTE 7	QPSK20M	Right Cheek	21350	1	0	1	Ant 3	20.0	19.22	1.20	0.11	0.357	0.43

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
	LTE 12	QPSK10M	Right Cheek	23060	1	0	1	Ant 0	25.7	24.64	1.28	-0.06	0.082	0.10
	LTE 12	QPSK10M	Right Tilted	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.02	0.052	0.07
	LTE 12	QPSK10M	Left Cheek	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.13	0.077	0.10
	LTE 12	QPSK10M	Left Tilted	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.07	0.051	0.07
	LTE 12	QPSK10M	Right Cheek	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.05	0.081	0.10
	LTE 12	QPSK10M	Right Tilted	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.00	0.041	0.05
	LTE 12	QPSK10M	Left Cheek	23060	25	0	1	Ant 0	24.7	23.67	1.27	-0.03	0.041	0.05
	LTE 12	QPSK10M	Left Tilted	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.00	0.059	0.07
	LTE 12	QPSK10M	Right Cheek	23060	1	0	1	Ant 1	25.7	24.64	1.28	0.09	0.039	0.05
11	LTE 12	QPSK10M	Right Tilted	23060	1	0	1	Ant 1	25.7	24.64	1.28	0.04	0.562	0.72
	LTE 12	QPSK10M	Left Cheek	23060	1	0	1	Ant 1	25.7	24.64	1.28	0.01	0.542	0.69
	LTE 12	QPSK10M	Left Tilted	23060	1	0	1	Ant 1	25.7	24.64	1.28	-0.05	0.458	0.59
	LTE 12	QPSK10M	Right Cheek	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.13	0.487	0.62
	LTE 12	QPSK10M	Right Tilted	23060	25	0	1	Ant 1	24.7	23.67	1.27	0.07	0.382	0.49
	LTE 12	QPSK10M	Left Cheek	23060	25	0	1	Ant 1	24.7	23.67	1.27	0.09	0.451	0.57
	LTE 12	QPSK10M	Left Tilted	23060	25	0	1	Ant 1	24.7	23.67	1.27	0.01	0.326	0.41
	LTE 12	QPSK10M	Right Tilted	23095	1	0	1	Ant 1	25.7	24.61	1.29	-0.06	0.367	0.47
	LTE 12	QPSK10M	Right Tilted	23130	1	0	1	Ant 1	25.7	24.59	1.29	0.02	0.476	0.61
	LTE 12	QPSK10M	Right Tilted	23060	1	0	2	Ant 1	25.7	24.64	1.28	0.04	0.511	0.65
WLAN ON														
	LTE 12	QPSK10M	Right Cheek	23060	1	0	1	Ant 0	25.7	24.64	1.28	-0.06	0.082	0.10
	LTE 12	QPSK10M	Right Tilted	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.02	0.052	0.07
	LTE 12	QPSK10M	Left Cheek	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.13	0.077	0.10
	LTE 12	QPSK10M	Left Tilted	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.07	0.051	0.07
	LTE 12	QPSK10M	Right Cheek	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.05	0.081	0.10
	LTE 12	QPSK10M	Right Tilted	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.00	0.041	0.05
	LTE 12	QPSK10M	Left Cheek	23060	25	0	1	Ant 0	24.7	23.67	1.27	-0.03	0.041	0.05
	LTE 12	QPSK10M	Left Tilted	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.00	0.059	0.07
	LTE 12	QPSK10M	Right Cheek	23060	1	0	1	Ant 1	25.0	23.98	1.26	0.09	0.383	0.48
	LTE 12	QPSK10M	Right Tilted	23060	1	0	1	Ant 1	25.0	23.98	1.26	0.04	0.413	0.52
	LTE 12	QPSK10M	Left Cheek	23060	1	0	1	Ant 1	25.0	23.98	1.26	-0.02	0.215	0.27
	LTE 12	QPSK10M	Left Tilted	23060	1	0	1	Ant 1	25.0	23.98	1.26	-0.05	0.242	0.30
	LTE 12	QPSK10M	Right Cheek	23060	25	0	1	Ant 1	25.0	23.80	1.32	-0.13	0.279	0.37
	LTE 12	QPSK10M	Right Tilted	23060	25	0	1	Ant 1	25.0	23.80	1.32	0.07	0.327	0.43
	LTE 12	QPSK10M	Left Cheek	23060	25	0	1	Ant 1	25.0	23.80	1.32	0.09	0.152	0.20
	LTE 12	QPSK10M	Left Tilted	23060	25	0	1	Ant 1	25.0	23.80	1.32	0.01	0.177	0.23
	LTE 12	QPSK10M	Right Tilted	23095	1	0	1	Ant 1	25.0	23.94	1.28	-0.08	0.445	0.57
	LTE 12	QPSK10M	Right Tilted	23130	1	0	1	Ant 1	25.0	23.96	1.27	0.02	0.411	0.52



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Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
	LTE 13	QPSK10M	Right Cheek	23230	1	24	1	Ant 0	25.3	24.26	1.27	-0.08	0.075	0.10
	LTE 13	QPSK10M	Right Tilted	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.02	0.046	0.06
	LTE 13	QPSK10M	Left Cheek	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.13	0.063	0.08
	LTE 13	QPSK10M	Left Tilted	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.07	0.052	0.07
	LTE 13	QPSK10M	Right Cheek	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.09	0.074	0.09
	LTE 13	QPSK10M	Right Tilted	23230	25	12	1	Ant 0	24.3	23.29	1.26	-0.05	0.045	0.06
	LTE 13	QPSK10M	Left Cheek	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.02	0.062	0.08
	LTE 13	QPSK10M	Left Tilted	23230	25	12	1	Ant 0	24.3	23.29	1.26	-0.09	0.048	0.06
	LTE 13	QPSK10M	Right Cheek	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.01	0.477	0.61
12	LTE 13	QPSK10M	Right Tilted	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.07	0.524	0.67
	LTE 13	QPSK10M	Left Cheek	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.11	0.310	0.39
	LTE 13	QPSK10M	Left Tilted	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.05	0.491	0.62
	LTE 13	QPSK10M	Right Cheek	23230	25	12	1	Ant 1	24.3	23.29	1.26	-0.06	0.388	0.49
	LTE 13	QPSK10M	Right Tilted	23230	25	12	1	Ant 1	24.3	23.29	1.26	0.02	0.428	0.54
	LTE 13	QPSK10M	Left Cheek	23230	25	12	1	Ant 1	24.3	23.29	1.26	-0.03	0.284	0.36
	LTE 13	QPSK10M	Left Tilted	23230	25	12	1	Ant 1	24.3	23.29	1.26	0.07	0.208	0.26
	LTE 13	QPSK10M	Right Tilted	23230	1	24	2	Ant 1	25.3	24.26	1.27	0.04	0.451	0.57
WLAN ON														
	LTE 13	QPSK10M	Right Cheek	23230	1	24	1	Ant 0	25.3	24.26	1.27	-0.08	0.075	0.10
	LTE 13	QPSK10M	Right Tilted	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.02	0.046	0.06
	LTE 13	QPSK10M	Left Cheek	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.13	0.063	0.08
	LTE 13	QPSK10M	Left Tilted	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.07	0.052	0.07
	LTE 13	QPSK10M	Right Cheek	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.09	0.074	0.09
	LTE 13	QPSK10M	Right Tilted	23230	25	12	1	Ant 0	24.3	23.29	1.26	-0.05	0.045	0.06
	LTE 13	QPSK10M	Left Cheek	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.02	0.062	0.08
	LTE 13	QPSK10M	Left Tilted	23230	25	12	1	Ant 0	24.3	23.29	1.26	-0.09	0.048	0.06
	LTE 13	QPSK10M	Right Cheek	23230	1	24	1	Ant 1	24.5	23.48	1.26	0.01	0.191	0.24
	LTE 13	QPSK10M	Right Tilted	23230	1	24	1	Ant 1	24.5	23.48	1.26	0.07	0.214	0.27
	LTE 13	QPSK10M	Left Cheek	23230	1	24	1	Ant 1	24.5	23.48	1.26	0.11	0.128	0.16
	LTE 13	QPSK10M	Left Tilted	23230	1	24	1	Ant 1	24.5	23.48	1.26	-0.06	0.196	0.25
	LTE 13	QPSK10M	Right Cheek	23230	25	12	1	Ant 1	24.5	23.38	1.29	-0.06	0.147	0.19
	LTE 13	QPSK10M	Right Tilted	23230	25	12	1	Ant 1	24.5	23.38	1.29	0.02	0.163	0.21
	LTE 13	QPSK10M	Left Cheek	23230	25	12	1	Ant 1	24.5	23.38	1.29	-0.03	0.108	0.14
	LTE 13	QPSK10M	Left Tilted	23230	25	12	1	Ant 1	24.5	23.38	1.29	0.07	0.079	0.10

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	
WLAN OFF / WLAN ON															
	LTE 14	QPSK10M	Right Cheek	23330	1	24	1	Ant 0	25.5	24.49	1.26	0.01	0.086	0.11	
	LTE 14	QPSK10M	Right Tilted	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.07	0.047	0.06	
	LTE 14	QPSK10M	Left Cheek	23330	1	24	1	Ant 0	25.5	24.49	1.26	0.02	0.074	0.09	
	LTE 14	QPSK10M	Left Tilted	23330	1	24	1	Ant 0	25.5	24.49	1.26	0.15	0.057	0.07	
	LTE 14	QPSK10M	Right Cheek	23330	25	0	1	Ant 0	24.5	23.49	1.26	0.06	0.067	0.08	
	LTE 14	QPSK10M	Right Tilted	23330	25	0	1	Ant 0	24.5	23.49	1.26	-0.03	0.380	0.48	
	LTE 14	QPSK10M	Left Cheek	23330	25	0	1	Ant 0	24.5	23.49	1.26	0.07	0.059	0.07	
	LTE 14	QPSK10M	Left Tilted	23330	25	0	1	Ant 0	24.5	23.49	1.26	0.01	0.049	0.06	
	LTE 14	QPSK10M	Right Cheek	23330	1	24	1	Ant 1	25.5	24.49	1.26	-0.02	0.431	0.54	
13	LTE 14	QPSK10M	Right Tilted	23330	1	24	1	Ant 1	25.5	24.49	1.26	0.10	0.478	0.60	
	LTE 14	QPSK10M	Left Cheek	23330	1	24	1	Ant 1	25.5	24.49	1.26	0.06	0.276	0.35	
	LTE 14	QPSK10M	Left Tilted	23330	1	24	1	Ant 1	25.5	24.49	1.26	-0.13	0.334	0.42	
	LTE 14	QPSK10M	Right Cheek	23330	25	0	1	Ant 1	24.5	23.49	1.26	0.07	0.351	0.44	
	LTE 14	QPSK10M	Right Tilted	23330	25	0	1	Ant 1	24.5	23.49	1.26	-0.02	0.397	0.50	
	LTE 14	QPSK10M	Left Cheek	23330	25	0	1	Ant 1	24.5	23.49	1.26	0.05	0.246	0.31	
	LTE 14	QPSK10M	Left Tilted	23330	25	0	1	Ant 1	24.5	23.49	1.26	-0.09	0.280	0.35	
	LTE 14	QPSK10M	Right Tilted	23330	1	24	2	Ant 1	25.5	24.49	1.26	-0.08	0.432	0.54	
WLAN OFF / WLAN ON															
	LTE 25	QPSK20M	Right Cheek	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.08	0.019	0.02	
	LTE 25	QPSK20M	Right Tilted	26590	1	50	1	Ant 0	25.7	24.69	1.26	-0.02	0.025	0.03	
	LTE 25	QPSK20M	Left Cheek	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.01	0.049	0.06	
	LTE 25	QPSK20M	Left Tilted	26590	1	50	1	Ant 0	25.7	24.69	1.26	-0.07	0.021	0.03	
	LTE 25	QPSK20M	Right Cheek	26590	50	25	1	Ant 0	24.7	23.69	1.26	0.13	0.016	0.02	
	LTE 25	QPSK20M	Right Tilted	26590	50	25	1	Ant 0	24.7	23.69	1.26	0.05	0.018	0.02	
	LTE 25	QPSK20M	Left Cheek	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.09	0.037	0.05	
	LTE 25	QPSK20M	Left Tilted	26590	50	25	1	Ant 0	24.7	23.69	1.26	0.02	0.016	0.02	
	LTE 25	QPSK20M	Right Cheek	26590	1	50	1	Ant 1	20.5	19.89	1.15	-0.01	0.666	0.77	
14	LTE 25	QPSK20M	Right Tilted	26590	1	50	1	Ant 1	20.5	19.89	1.15	0.04	0.776	0.89	
	LTE 25	QPSK20M	Left Cheek	26590	1	50	1	Ant 1	20.5	19.89	1.15	0.02	0.314	0.36	
	LTE 25	QPSK20M	Left Tilted	26590	1	50	1	Ant 1	20.5	19.89	1.15	-0.05	0.342	0.39	
	LTE 25	QPSK20M	Right Cheek	26590	50	25	1	Ant 1	20.5	19.88	1.15	0.01	0.542	0.62	
	LTE 25	QPSK20M	Right Tilted	26590	50	25	1	Ant 1	20.5	19.88	1.15	-0.09	0.611	0.70	
	LTE 25	QPSK20M	Left Cheek	26590	50	25	1	Ant 1	20.5	19.88	1.15	0.13	0.252	0.29	
	LTE 25	QPSK20M	Left Tilted	26590	50	25	1	Ant 1	20.5	19.88	1.15	0.07	0.305	0.35	
	LTE 25	QPSK20M	Right Tilted	26140	1	50	1	Ant 1	20.5	19.83	1.17	0.02	0.616	0.72	
	LTE 25	QPSK20M	Right Tilted	26365	1	50	1	Ant 1	20.5	19.84	1.16	0.01	0.674	0.78	
	LTE 25	QPSK20M	Right Tilted	26590	100	0	1	Ant 1	20.5	19.84	1.16	0.04	0.553	0.64	
	LTE 25	QPSK20M	Right Tilted	26590	1	50	2	Ant 1	20.5	19.89	1.15	-0.08	0.683	0.79	
WLAN OFF / WLAN ON															
	LTE 26	QPSK15M	Right Cheek	26965	1	74	1	Ant 0	25.7	24.69	1.26	-0.03	0.075	0.09	
	LTE 26	QPSK15M	Right Tilted	26965	1	74	1	Ant 0	25.7	24.69	1.26	0.07	0.047	0.06	
	LTE 26	QPSK15M	Left Cheek	26965	1	74	1	Ant 0	25.7	24.69	1.26	0.09	0.069	0.09	
	LTE 26	QPSK15M	Left Tilted	26965	1	74	1	Ant 0	25.7	24.69	1.26	0.01	0.045	0.06	
	LTE 26	QPSK15M	Right Cheek	26965	36	39	1	Ant 0	24.7	23.68	1.26	-0.05	0.061	0.08	
	LTE 26	QPSK15M	Right Tilted	26965	36	39	1	Ant 0	24.7	23.68	1.26	0.02	0.038	0.05	
	LTE 26	QPSK15M	Left Cheek	26965	36	39	1	Ant 0	24.7	23.68	1.26	0.01	0.057	0.07	
	LTE 26	QPSK15M	Left Tilted	26965	36	39	1	Ant 0	24.7	23.68	1.26	-0.06	0.038	0.05	
	LTE 26	QPSK15M	Right Cheek	26965	1	74	1	Ant 1	25.7	24.69	1.26	0.02	0.257	0.32	
	LTE 26	QPSK15M	Right Tilted	26965	1	74	1	Ant 1	25.7	24.69	1.26	-0.05	0.269	0.34	
	LTE 26	QPSK15M	Left Cheek	26965	1	74	1	Ant 1	25.7	24.69	1.26	0.07	0.174	0.22	
	LTE 26	QPSK15M	Left Tilted	26965	1	74	1	Ant 1	25.7	24.69	1.26	0.09	0.177	0.22	
	LTE 26	QPSK15M	Right Cheek	26965	36	39	1	Ant 1	24.7	23.68	1.26	0.13	0.227	0.29	
	LTE 26	QPSK15M	Right Tilted	26965	36	39	1	Ant 1	24.7	23.68	1.26	0.05	0.230	0.29	
	LTE 26	QPSK15M	Left Cheek	26965	36	39	1	Ant 1	24.7	23.68	1.26	0.02	0.161	0.20	
	LTE 26	QPSK15M	Left Tilted	26965	36	39	1	Ant 1	24.7	23.68	1.26	-0.07	0.158	0.20	
	LTE 26	QPSK15M	Right Tilted	26765	1	74	1	Ant 1	25.7	24.28	1.39	0.13	0.381	0.53	
15	LTE 26	QPSK15M	Right Tilted	26865	1	74	1	Ant 1	25.7	24.57	1.30	0.04	0.413	0.54	
	LTE 26	QPSK15M	Right Tilted	26865	1	74	2	Ant 1	25.7	24.57	1.30	-0.09	0.352	0.46	

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 30	QPSK10M	Right Cheek	27710	1	0	1	Ant 2	25.7	24.68	1.26	-0.03	0.514	0.65
	LTE 30	QPSK10M	Right Tilted	27710	1	0	1	Ant 2	25.7	24.68	1.26	0.07	0.288	0.36
	LTE 30	QPSK10M	Left Cheek	27710	1	0	1	Ant 2	25.7	24.68	1.26	0.02	0.183	0.23
	LTE 30	QPSK10M	Left Tilted	27710	1	0	1	Ant 2	25.7	24.68	1.26	-0.05	0.162	0.20
	LTE 30	QPSK10M	Right Cheek	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.06	0.414	0.52
	LTE 30	QPSK10M	Right Tilted	27710	25	0	1	Ant 2	24.7	23.69	1.26	-0.09	0.119	0.15
	LTE 30	QPSK10M	Left Cheek	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.13	0.181	0.23
	LTE 30	QPSK10M	Left Tilted	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.07	0.153	0.19
16	LTE 30	QPSK10M	Right Cheek	27710	1	0	1	Ant 3	25.7	24.68	1.26	-0.18	0.532	0.67
	LTE 30	QPSK10M	Right Tilted	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.12	0.359	0.45
	LTE 30	QPSK10M	Left Cheek	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.05	0.188	0.24
	LTE 30	QPSK10M	Left Tilted	27710	1	0	1	Ant 3	25.7	24.68	1.26	-0.03	0.164	0.21
	LTE 30	QPSK10M	Right Cheek	27710	25	0	1	Ant 3	24.7	23.69	1.26	-0.01	0.477	0.60
	LTE 30	QPSK10M	Right Tilted	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.02	0.296	0.37
	LTE 30	QPSK10M	Left Cheek	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.07	0.161	0.20
	LTE 30	QPSK10M	Left Tilted	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.09	0.136	0.17
	LTE 30	QPSK10M	Right Cheek	27710	1	0	2	Ant 3	25.7	24.68	1.26	0.12	0.508	0.64
WLAN OFF / WLAN ON														
	LTE 38	QPSK20M	Right Cheek	38000	1	99	1	Ant 2	25.7	24.69	1.26	0.18	0.252	0.32
	LTE 38	QPSK20M	Right Tilted	38000	1	99	1	Ant 2	25.7	24.69	1.26	0.10	0.093	0.12
	LTE 38	QPSK20M	Left Cheek	38000	1	99	1	Ant 2	25.7	24.69	1.26	0.16	0.133	0.17
	LTE 38	QPSK20M	Left Tilted	38000	1	99	1	Ant 2	25.7	24.69	1.26	0.18	0.160	0.20
	LTE 38	QPSK20M	Right Cheek	38000	50	50	1	Ant 2	24.7	23.68	1.26	0.01	0.205	0.26
	LTE 38	QPSK20M	Right Tilted	38000	50	50	1	Ant 2	24.7	23.68	1.26	-0.07	0.074	0.09
	LTE 38	QPSK20M	Left Cheek	38000	50	50	1	Ant 2	24.7	23.68	1.26	-0.15	0.104	0.13
	LTE 38	QPSK20M	Left Tilted	38000	50	50	1	Ant 2	24.7	23.68	1.26	-0.11	0.125	0.16
17	LTE 38	QPSK20M	Right Cheek	38000	1	99	1	Ant 3	25.7	24.69	1.26	-0.10	0.791	1.00
	LTE 38	QPSK20M	Right Tilted	38000	1	99	1	Ant 3	25.7	24.69	1.26	0.15	0.501	0.63
	LTE 38	QPSK20M	Left Cheek	38000	1	99	1	Ant 3	25.7	24.69	1.26	-0.17	0.288	0.36
	LTE 38	QPSK20M	Left Tilted	38000	1	99	1	Ant 3	25.7	24.69	1.26	0.14	0.206	0.26
	LTE 38	QPSK20M	Right Cheek	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.17	0.678	0.85
	LTE 38	QPSK20M	Right Tilted	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.17	0.411	0.52
	LTE 38	QPSK20M	Left Cheek	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.09	0.239	0.30
	LTE 38	QPSK20M	Left Tilted	38000	50	50	1	Ant 3	24.7	23.68	1.26	-0.01	0.175	0.22
	LTE 38	QPSK20M	Right Cheek	37850	1	99	1	Ant 3	25.7	24.68	1.26	-0.01	0.778	0.98
	LTE 38	QPSK20M	Right Cheek	38150	1	99	1	Ant 3	25.7	24.65	1.27	-0.18	0.775	0.98
	LTE 38	QPSK20M	Right Cheek	37850	50	50	1	Ant 3	24.7	23.67	1.27	0.03	0.669	0.85
	LTE 38	QPSK20M	Right Cheek	38150	50	50	1	Ant 3	24.7	23.64	1.28	-0.05	0.661	0.85
	LTE 38	QPSK20M	Right Cheek	38000	100	0	1	Ant 3	24.7	23.65	1.27	0.02	0.653	0.83
	LTE 38	QPSK20M	Right Cheek	38000	1	99	2	Ant 3	25.7	24.69	1.26	-0.13	0.724	0.91
	LTE 38	QPSK20M	Right Cheek	37850	1	99	2	Ant 3	25.7	24.68	1.26	-0.08	0.695	0.88
	LTE 38	QPSK20M	Right Cheek	38150	1	99	2	Ant 3	25.7	24.65	1.27	0.11	0.672	0.85

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Uplink Downlink Config.	Special Subframe Config.	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON																
	LTE 41	QPSK20M	Right Cheek	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.09	0.219	0.28
	LTE 41	QPSK20M	Right Tilted	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.08	0.082	0.10
	LTE 41	QPSK20M	Left Cheek	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.03	0.120	0.15
	LTE 41	QPSK20M	Left Tilted	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.11	0.134	0.17
	LTE 41	QPSK20M	Right Cheek	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	-0.10	0.218	0.27
	LTE 41	QPSK20M	Right Tilted	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	0.14	0.075	0.09
	LTE 41	QPSK20M	Left Cheek	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	-0.02	0.102	0.13
	LTE 41	QPSK20M	Left Tilted	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	-0.03	0.111	0.14
	LTE 41	QPSK20M	Right Cheek	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	0.06	0.442	0.56
	LTE 41	QPSK20M	Right Tilted	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	0.03	0.214	0.27
	LTE 41	QPSK20M	Left Cheek	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	-0.15	0.194	0.24
	LTE 41	QPSK20M	Left Tilted	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	0.05	0.129	0.16
	LTE 41	QPSK20M	Right Cheek	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	-0.18	0.423	0.53
	LTE 41	QPSK20M	Right Tilted	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	-0.03	0.214	0.27
	LTE 41	QPSK20M	Left Cheek	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	0.01	0.178	0.22
	LTE 41	QPSK20M	Left Tilted	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	0.02	0.116	0.15
	LTE 41	QPSK20M	Right Cheek	39750	1	0	1	Ant 3	0	5	25.0	23.94	1.28	0.16	0.542	0.69
	LTE 41	QPSK20M	Right Cheek	40185	1	0	1	Ant 3	0	5	25.0	23.95	1.27	-0.08	0.589	0.75
18	LTE 41	QPSK20M	Right Cheek	41055	1	0	1	Ant 3	0	5	25.0	23.88	1.29	-0.11	0.669	0.86
	LTE 41	QPSK20M	Right Cheek	41490	1	0	1	Ant 3	0	5	25.0	23.87	1.30	0.08	0.222	0.29
	LTE 41	QPSK20M	Right Cheek	40185	100	0	1	Ant 3	0	5	24.0	22.95	1.27	0.01	0.555	0.70
	LTE 41(HUPE)	QPSK20M	Right Cheek	41055	1	0	1	Ant 3	1	5	26.5	25.75	1.19	-0.14	0.648	0.77
	LTE 41(HUPE)	QPSK20M	Right Cheek	39750	1	0	1	Ant 3	1	5	26.5	25.67	1.21	0.07	0.588	0.71
	LTE 41(HUPE)	QPSK20M	Right Cheek	40185	1	0	1	Ant 3	1	5	26.5	25.64	1.22	0.03	0.578	0.71
	LTE 41(HUPE)	QPSK20M	Right Cheek	40620	1	0	1	Ant 3	1	5	26.5	25.56	1.24	-0.12	0.622	0.77
	LTE 41(HUPE)	QPSK20M	Right Cheek	41490	1	0	1	Ant 3	1	5	26.5	25.58	1.24	0.14	0.606	0.75
	LTE 41	QPSK20M	Right Cheek	41055	1	0	2	Ant 3	0	5	25.0	23.88	1.29	-0.09	0.608	0.78

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	
WLAN OFF															
	LTE 66	QPSK20M	Right Cheek	132572	1	0	1	Ant 0	24.5	23.76	1.19	-0.06	0.049	0.06	
	LTE 66	QPSK20M	Right Tilted	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.08	0.056	0.07	
	LTE 66	QPSK20M	Left Cheek	132572	1	0	1	Ant 0	24.5	23.76	1.19	-0.05	0.080	0.10	
	LTE 66	QPSK20M	Left Tilted	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.01	0.052	0.06	
	LTE 66	QPSK20M	Right Cheek	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.16	0.036	0.04	
	LTE 66	QPSK20M	Right Tilted	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.07	0.044	0.05	
	LTE 66	QPSK20M	Left Cheek	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.08	0.063	0.08	
	LTE 66	QPSK20M	Left Tilted	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.02	0.040	0.05	
	LTE 66	QPSK20M	Right Cheek	132572	1	0	1	Ant 1	24.5	23.76	1.19	-0.09	0.830	0.99	
19	LTE 66	QPSK20M	Right Tilted	132572	1	0	1	Ant 1	24.5	23.76	1.19	-0.15	0.851	1.01	
	LTE 66	QPSK20M	Left Cheek	132572	1	0	1	Ant 1	24.5	23.76	1.19	0.03	0.355	0.42	
	LTE 66	QPSK20M	Left Tilted	132572	1	0	1	Ant 1	24.5	23.76	1.19	0.01	0.420	0.50	
	LTE 66	QPSK20M	Right Cheek	132572	50	0	1	Ant 1	23.5	22.65	1.22	0.07	0.675	0.82	
	LTE 66	QPSK20M	Right Tilted	132572	50	0	1	Ant 1	23.5	22.65	1.22	0.05	0.685	0.84	
	LTE 66	QPSK20M	Left Cheek	132572	50	0	1	Ant 1	23.5	22.65	1.22	-0.03	0.287	0.35	
	LTE 66	QPSK20M	Left Tilted	132572	50	0	1	Ant 1	23.5	22.65	1.22	0.12	0.336	0.41	
	LTE 66	QPSK20M	Right Cheek	132072	1	0	1	Ant 1	24.5	23.61	1.23	0.09	0.672	0.83	
	LTE 66	QPSK20M	Right Cheek	132322	1	0	1	Ant 1	24.5	23.72	1.20	0.01	0.744	0.89	
	LTE 66	QPSK20M	Right Tilted	132072	1	0	1	Ant 1	24.5	23.61	1.23	0.07	0.694	0.85	
	LTE 66	QPSK20M	Right Tilted	132322	1	0	1	Ant 1	24.5	23.72	1.20	-0.06	0.736	0.88	
	LTE 66	QPSK20M	Right Cheek	132072	50	0	1	Ant 1	23.5	22.50	1.26	0.03	0.515	0.65	
	LTE 66	QPSK20M	Right Cheek	132322	50	0	1	Ant 1	23.5	22.61	1.23	-0.01	0.603	0.74	
	LTE 66	QPSK20M	Right Tilted	132072	50	0	1	Ant 1	23.5	22.50	1.26	0.09	0.529	0.67	
	LTE 66	QPSK20M	Right Tilted	132322	50	0	1	Ant 1	23.5	22.61	1.23	0.12	0.637	0.78	
	LTE 66	QPSK20M	Right Cheek	132572	100	0	1	Ant 1	23.5	22.59	1.23	-0.02	0.683	0.84	
	LTE 66	QPSK20M	Right Tilted	132572	100	0	1	Ant 1	23.5	22.59	1.23	0.01	0.675	0.83	
	LTE 66	QPSK20M	Right Tilted	132572	1	0	2	Ant 1	24.5	23.76	1.19	-0.18	0.802	0.95	
	LTE 66	QPSK20M	Right Tilted	132072	1	0	2	Ant 1	24.5	23.61	1.23	-0.11	0.776	0.95	
	LTE 66	QPSK20M	Right Tilted	132322	1	0	2	Ant 1	24.5	23.72	1.20	0.05	0.758	0.91	
	LTE 66	QPSK20M	Right Tilted	132572	1	0	1	Ant 1	24.5	23.76	1.19	-0.03	0.839	1.00	
WLAN ON															
	LTE 66	QPSK20M	Right Cheek	132572	1	0	1	Ant 0	24.5	23.76	1.19	-0.06	0.049	0.06	
	LTE 66	QPSK20M	Right Tilted	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.08	0.056	0.07	
	LTE 66	QPSK20M	Left Cheek	132572	1	0	1	Ant 0	24.5	23.76	1.19	-0.05	0.080	0.10	
	LTE 66	QPSK20M	Left Tilted	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.01	0.052	0.06	
	LTE 66	QPSK20M	Right Cheek	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.16	0.036	0.04	
	LTE 66	QPSK20M	Right Tilted	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.07	0.044	0.05	
	LTE 66	QPSK20M	Left Cheek	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.08	0.063	0.08	
	LTE 66	QPSK20M	Left Tilted	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.02	0.040	0.05	
	LTE 66	QPSK20M	Right Cheek	132572	1	0	1	Ant 1	21.5	20.45	1.27	-0.09	0.427	0.54	
	LTE 66	QPSK20M	Right Tilted	132572	1	0	1	Ant 1	21.5	20.45	1.27	-0.02	0.432	0.55	
	LTE 66	QPSK20M	Left Cheek	132572	1	0	1	Ant 1	21.5	20.45	1.27	0.02	0.179	0.23	
	LTE 66	QPSK20M	Left Tilted	132572	1	0	1	Ant 1	21.5	20.45	1.27	0.01	0.211	0.27	
	LTE 66	QPSK20M	Right Cheek	132572	50	0	1	Ant 1	21.5	20.44	1.28	0.06	0.339	0.43	
	LTE 66	QPSK20M	Right Tilted	132572	50	0	1	Ant 1	21.5	20.44	1.28	0.14	0.345	0.44	
	LTE 66	QPSK20M	Left Cheek	132572	50	0	1	Ant 1	21.5	20.44	1.28	0.17	0.144	0.18	
	LTE 66	QPSK20M	Left Tilted	132572	50	0	1	Ant 1	21.5	20.44	1.28	0.13	0.169	0.22	
	LTE 66	QPSK20M	Right Tilted	132072	1	0	1	Ant 1	21.5	20.40	1.29	-0.07	0.408	0.53	
	LTE 66	QPSK20M	Right Tilted	132322	1	0	1	Ant 1	21.5	20.35	1.30	0.03	0.388	0.50	

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Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 71	QPSK20M	Right Cheek	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.02	0.019	0.02
	LTE 71	QPSK20M	Right Tilted	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.00	<0.001	0.00
	LTE 71	QPSK20M	Left Cheek	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.00	<0.001	0.00
	LTE 71	QPSK20M	Left Tilted	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.00	<0.001	0.00
	LTE 71	QPSK20M	Right Cheek	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Right Tilted	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Left Cheek	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Left Tilted	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Right Cheek	133297	1	0	1	Ant 1	24.6	23.51	1.29	-0.04	0.624	0.80
	LTE 71	QPSK20M	Right Tilted	133297	1	0	1	Ant 1	24.6	23.51	1.29	0.02	0.540	0.70
	LTE 71	QPSK20M	Left Cheek	133297	1	0	1	Ant 1	24.6	23.51	1.29	0.01	0.284	0.37
	LTE 71	QPSK20M	Left Tilted	133297	1	0	1	Ant 1	24.6	23.51	1.29	-0.04	0.325	0.42
	LTE 71	QPSK20M	Right Cheek	133297	50	0	1	Ant 1	23.6	22.57	1.27	-0.07	0.497	0.63
	LTE 71	QPSK20M	Right Tilted	133297	50	0	1	Ant 1	23.6	22.57	1.27	0.11	0.441	0.56
	LTE 71	QPSK20M	Left Cheek	133297	50	0	1	Ant 1	23.6	22.57	1.27	0.04	0.238	0.30
	LTE 71	QPSK20M	Left Tilted	133297	50	0	1	Ant 1	23.6	22.57	1.27	-0.15	0.258	0.33
20	LTE 71	QPSK20M	Right Cheek	133222	1	0	1	Ant 1	24.6	23.45	1.30	0.10	0.639	0.83
	LTE 71	QPSK20M	Right Cheek	133372	1	0	1	Ant 1	24.6	23.44	1.31	0.02	0.511	0.67
	LTE 71	QPSK20M	Right Cheek	133297	100	0	1	Ant 1	23.6	22.49	1.29	0.13	0.472	0.61
	LTE 71	QPSK20M	Right Cheek	133222	1	0	2	Ant 1	24.6	23.45	1.30	-0.07	0.611	0.79

Note: "<0.001" means there is no SAR value or the SAR is too low to be measured.

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN2.4G	802.11b	Right Cheek	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	-0.06	0.300	0.32
	WLAN2.4G	802.11b	Right Tilted	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	0.13	0.272	0.29
	WLAN2.4G	802.11b	Left Cheek	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	0.05	0.615	0.65
	WLAN2.4G	802.11b	Left Tilted	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	-0.04	0.440	0.47
	WLAN2.4G	802.11b	Right Cheek	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	-0.08	0.111	0.12
	WLAN2.4G	802.11b	Right Tilted	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	0.16	0.091	0.10
	WLAN2.4G	802.11b	Left Cheek	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	-0.11	0.736	0.79
	WLAN2.4G	802.11b	Left Tilted	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	0.13	0.292	0.31
	WLAN2.4G	802.11b	Right Cheek	6	1	2Tx Ant 0	98.89	1.01	16.0	15.79	1.05	-0.05	0.343	0.37
						2Tx Ant 1	98.89	1.01	16.0	15.67	1.08	-0.05		
	WLAN2.4G	802.11b	Right Tilted	6	1	2Tx Ant 0	98.89	1.01	16.0	15.79	1.05	-0.17	0.311	0.34
						2Tx Ant 1	98.89	1.01	16.0	15.67	1.08	-0.17		
21	WLAN2.4G	802.11b	Left Cheek	6	1	2Tx Ant 0	98.89	1.01	16.0	15.79	1.05	-0.10	0.89	0.97
						2Tx Ant 1	98.89	1.01	16.0	15.67	1.08	-0.10		
	WLAN2.4G	802.11b	Left Tilted	6	1	2Tx Ant 0	98.89	1.01	16.0	15.79	1.05	-0.13	0.664	0.72
						2Tx Ant 1	98.89	1.01	16.0	15.67	1.08	-0.13		
	WLAN2.4G	802.11b	Left Cheek	1	1	2Tx Ant 0	98.89	1.01	16.0	15.51	1.12	0.09	0.749	0.85
						2Tx Ant 1	98.89	1.01	16.0	15.66	1.08	0.09		
	WLAN2.4G	802.11b	Left Cheek	11	1	2Tx Ant 0	98.89	1.01	15.5	15.46	1.01	-0.06	0.807	0.82
						2Tx Ant 1	98.89	1.01	15.5	15.49	1.00	-0.06		
	WLAN2.4G	802.11b	Left Cheek	12	1	2Tx Ant 0	98.89	1.01	15.0	14.96	1.01	-0.12	0.79	0.81
						2Tx Ant 1	98.89	1.01	15.0	14.98	1.00	-0.12		
	WLAN2.4G	802.11b	Left Cheek	13	1	2Tx Ant 0	98.89	1.01	8.0	7.82	1.04	-0.04	0.189	0.20
						2Tx Ant 1	98.89	1.01	8.0	7.86	1.03	-0.04		
	WLAN2.4G	802.11b	Left Cheek	6	2	2Tx Ant 0	98.89	1.01	16.0	15.79	1.05	-0.07	0.842	0.92
						2Tx Ant 1	98.89	1.01	16.0	15.67	1.08	-0.07		
	WLAN2.4G	802.11b	Left Cheek	1	2	2Tx Ant 0	98.89	1.01	16.0	15.51	1.12	-0.05	0.801	0.91
						2Tx Ant 1	98.89	1.01	16.0	15.66	1.08	-0.05		
	WLAN2.4G	802.11b	Left Cheek	6	1	2Tx Ant 0	98.89	1.01	16.0	15.79	1.05	0.05	0.868	0.95
						2Tx Ant 1	98.89	1.01	16.0	15.67	1.08	0.05		

Note: Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.3G	802.11n HT40	Right Cheek	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	-0.05	0.432	0.47
	WLAN5.3G	802.11n HT40	Right Tilted	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	0.05	0.437	0.48
	WLAN5.3G	802.11n HT40	Left Cheek	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	0.05	0.932	1.02
	WLAN5.3G	802.11n HT40	Left Tilted	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	-0.06	0.927	1.01
	WLAN5.3G	802.11n HT40	Right Cheek	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	-0.05	0.076	0.08
	WLAN5.3G	802.11n HT40	Right Tilted	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	0	<0.001	0.00
	WLAN5.3G	802.11n HT40	Left Cheek	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	0.19	0.310	0.35
	WLAN5.3G	802.11n HT40	Left Tilted	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	-0.05	0.208	0.23
	WLAN5.3G	802.11n HT40	Right Cheek	54	1	2Tx Ant 0	95.44	1.05	15.5	15.25	1.06	-0.17	0.434	0.48
						2Tx Ant 1	95.44	1.05	15.5	15.29	1.05	-0.17		
	WLAN5.3G	802.11n HT40	Right Tilted	54	1	2Tx Ant 0	95.44	1.05	15.5	15.25	1.06	0.08	0.426	0.47
						2Tx Ant 1	95.44	1.05	15.5	15.29	1.05	0.08		
22	WLAN5.3G	802.11n HT40	Left Cheek	54	1	2Tx Ant 0	95.44	1.05	15.5	15.25	1.06	0.02	0.959	1.07
						2Tx Ant 1	95.44	1.05	15.5	15.29	1.05	0.02		
	WLAN5.3G	802.11n HT40	Left Tilted	54	1	2Tx Ant 0	95.44	1.05	15.5	15.25	1.06	-0.11	0.954	1.06
						2Tx Ant 1	95.44	1.05	15.5	15.29	1.05	-0.11		
	WLAN5.3G	802.11n HT40	Left Cheek	62	1	Ant 0	95.44	1.05	13.5	13.26	1.06	-0.04	0.33	0.37
	WLAN5.3G	802.11n HT40	Left Tilted	62	1	Ant 0	95.44	1.05	13.5	13.26	1.06	0.1	0.316	0.35
	WLAN5.3G	802.11n HT40	Left Cheek	62	1	2Tx Ant 0	95.44	1.05	13.5	13.26	1.06	0.13	0.349	0.39
						2Tx Ant 1	95.44	1.05	13.5	13.21	1.07	0.13		
	WLAN5.3G	802.11n HT40	Left Tilted	62	1	2Tx Ant 0	95.44	1.05	13.5	13.26	1.06	0.18	0.327	0.37
						2Tx Ant 1	95.44	1.05	13.5	13.21	1.07	0.18		
	WLAN5.3G	802.11n HT40	Left Cheek	54	2	2Tx Ant 0	95.44	1.05	15.5	15.25	1.06	-0.08	0.907	1.01
						2Tx Ant 1	95.44	1.05	15.5	15.29	1.05	-0.08		
	WLAN5.3G	802.11n HT40	Left Cheek	62	2	2Tx Ant 0	95.44	1.05	13.5	13.26	1.06	0.09	0.321	0.36
						2Tx Ant 1	95.44	1.05	13.5	13.21	1.07	0.09		
	WLAN5.3G	802.11n HT40	Left Cheek	54	1	2Tx Ant 0	95.44	1.05	15.5	15.25	1.06	0.08	0.928	1.03
						2Tx Ant 1	95.44	1.05	15.5	15.29	1.05	0.08		

Note:

1. "<0.001" means there is no SAR value or the SAR is too low to be measured.
2. Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.6G	802.11ac VHT80	Right Cheek	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	-0.06	0.414	0.47
	WLAN5.6G	802.11ac VHT80	Right Tilted	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	-0.07	0.472	0.54
	WLAN5.6G	802.11ac VHT80	Left Cheek	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	-0.06	0.668	0.76
	WLAN5.6G	802.11ac VHT80	Left Tilted	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	0.02	0.831	0.94
	WLAN5.6G	802.11ac VHT80	Right Cheek	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	-0.15	0.126	0.14
	WLAN5.6G	802.11ac VHT80	Right Tilted	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Left Cheek	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0.18	0.426	0.48
	WLAN5.6G	802.11ac VHT80	Left Tilted	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	-0.07	0.202	0.23
	WLAN5.6G	802.11ac VHT80	Right Cheek	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	0.03	0.445	0.50
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	0.03		
	WLAN5.6G	802.11ac VHT80	Right Tilted	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	0.18	0.465	0.52
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	0.18		
	WLAN5.6G	802.11ac VHT80	Left Cheek	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	0.14	0.743	0.83
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	0.14		
23	WLAN5.6G	802.11ac VHT80	Left Tilted	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	0.11	0.902	1.01
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	0.11		
	WLAN5.6G	802.11ac VHT80	Left Tilted	106	1	Ant 0	91.65	1.09	12.5	12.41	1.02	0.17	0.336	0.37
	WLAN5.6G	802.11ac VHT80	Left Tilted	122	1	Ant 0	91.65	1.09	17.5	17.22	1.07	0.13	0.809	0.94
	WLAN5.6G	802.11ac VHT80	Left Cheek	106	1	2Tx Ant 0	91.65	1.09	12.5	12.48	1.00	-0.17	0.311	0.35
						2Tx Ant 1	91.65	1.09	12.5	12.43	1.02	-0.17		
	WLAN5.6G	802.11ac VHT80	Left Cheek	122	1	2Tx Ant 0	91.65	1.09	17.5	17.36	1.03	0.11	0.715	0.81
						2Tx Ant 1	91.65	1.09	17.5	17.32	1.04	0.11		
	WLAN5.6G	802.11ac VHT80	Left Tilted	106	1	2Tx Ant 0	91.65	1.09	12.5	12.48	1.00	-0.01	0.336	0.37
						2Tx Ant 1	91.65	1.09	12.5	12.43	1.02	-0.01		
	WLAN5.6G	802.11ac VHT80	Left Tilted	122	1	2Tx Ant 0	91.65	1.09	17.5	17.36	1.03	0.11	0.861	0.98
						2Tx Ant 1	91.65	1.09	17.5	17.32	1.04	0.11		
	WLAN5.6G	802.11ac VHT80	Left Tilted	138	2	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	-0.08	0.875	0.98
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	-0.08		
	WLAN5.6G	802.11ac VHT80	Left Tilted	106	2	2Tx Ant 0	91.65	1.09	12.5	12.48	1.00	-0.03	0.287	0.32
						2Tx Ant 1	91.65	1.09	12.5	12.43	1.02	-0.03		
	WLAN5.6G	802.11ac VHT80	Left Tilted	122	2	2Tx Ant 0	91.65	1.09	17.5	17.36	1.03	0.15	0.845	0.96
						2Tx Ant 1	91.65	1.09	17.5	17.32	1.04	0.15		
	WLAN5.6G	802.11ac VHT80	Left Tilted	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	0.02	0.883	0.99
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	0.02		

Note:

1. "<0.001" means there is no SAR value or the SAR is too low to be measured.
2. Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.8G	802.11ac VHT80	Right Cheek	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	-0.05	0.294	0.33
	WLAN5.8G	802.11ac VHT80	Right Tilted	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	0.13	0.275	0.31
	WLAN5.8G	802.11ac VHT80	Left Cheek	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	-0.06	0.904	1.02
	WLAN5.8G	802.11ac VHT80	Left Tilted	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	0	0.585	0.66
	WLAN5.8G	802.11ac VHT80	Right Cheek	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Tilted	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Left Cheek	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	-0.07	0.257	0.29
	WLAN5.8G	802.11ac VHT80	Left Tilted	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Cheek	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	-0.06	0.369	0.42
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	-0.06		
	WLAN5.8G	802.11ac VHT80	Right Tilted	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	-0.18	0.327	0.37
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	-0.18		
24	WLAN5.8G	802.11ac VHT80	Left Cheek	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.08	0.898	1.03
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.08		
	WLAN5.8G	802.11ac VHT80	Left Tilted	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	-0.05	0.571	0.65
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	-0.05		
	WLAN5.8G	802.11ac VHT80	Left Cheek	155	2	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.07	0.799	0.91
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.07		
	WLAN5.8G	802.11ac VHT80	Left Cheek	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.05	0.869	0.99
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.05		
WWAN ON / WWAN OFF														
	BT	BDR	Right Cheek	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	0.11	0.032	0.05
	BT	BDR	Right Tilted	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.17	0.029	0.05
25	BT	BDR	Left Cheek	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	0.06	0.09	0.15
	BT	BDR	Left Tilted	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	0.12	0.063	0.11
	BT	BDR	Left Cheek	39	1	Ant 0	75.33	1.33	18.0	16.83	1.31	-0.05	0.087	0.15
	BT	BDR	Left Cheek	78	1	Ant 0	75.33	1.33	18.0	16.05	1.57	-0.03	0.074	0.15
	BT	BDR	Left Cheek	0	2	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.11	0.079	0.14

Note:

1. "<0.001" means there is no SAR value or the SAR is too low to be measured.
2. Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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4.7.3 SAR Results for Body-worn Exposure Condition (Test Separation Distance is 10 mm)

Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON												
	GSM850	GPRS12	Front Face	189	1	Ant 0	29.0	27.75	1.33	0.03	0.036	0.05
	GSM850	GPRS12	Rear Face	189	1	Ant 0	29.0	27.75	1.33	0.05	0.056	0.07
	GSM850	GPRS12	Front Face	189	1	Ant 1	29.0	27.75	1.33	0.11	0.081	0.11
	GSM850	GPRS12	Rear Face	189	1	Ant 1	29.0	27.75	1.33	-0.03	0.089	0.12
26	GSM850	GPRS12	Rear Face	128	1	Ant 1	29.0	27.73	1.34	-0.01	0.096	0.13
	GSM850	GPRS12	Rear Face	251	1	Ant 1	29.0	27.69	1.35	-0.05	0.091	0.12
	GSM850	GPRS12	Rear Face	128	2	Ant 1	29.0	27.73	1.34	-0.08	0.079	0.11
WLAN OFF / WLAN ON												
	GSM1900	GPRS12	Front Face	661	1	Ant 0	26.5	25.03	1.40	0.05	0.047	0.07
	GSM1900	GPRS12	Rear Face	661	1	Ant 0	26.5	25.03	1.40	0.06	0.055	0.08
	GSM1900	GPRS12	Front Face	661	1	Ant 1	26.5	25.03	1.40	-0.06	0.088	0.12
	GSM1900	GPRS12	Rear Face	661	1	Ant 1	26.5	25.03	1.40	0.07	0.121	0.17
	GSM1900	GPRS12	Rear Face	512	1	Ant 1	26.5	24.98	1.42	0.05	0.147	0.21
27	GSM1900	GPRS12	Rear Face	810	1	Ant 1	26.5	24.96	1.43	-0.14	0.150	0.21
	GSM1900	GPRS12	Rear Face	810	2	Ant 1	26.5	24.96	1.43	0.17	0.128	0.18
WLAN OFF												
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 0	25.7	24.88	1.21	0.03	0.146	0.18
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 0	25.7	24.88	1.21	0.05	0.189	0.23
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 1	25.7	24.88	1.21	0.08	0.283	0.34
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 1	25.7	24.88	1.21	0.13	0.47	0.57
	WCDMA II	RMC12.2K	Rear Face	9262	1	Ant 1	25.7	24.81	1.23	0.01	0.435	0.54
28	WCDMA II	RMC12.2K	Rear Face	9538	1	Ant 1	25.7	24.83	1.22	-0.06	0.484	0.59
	WCDMA II	RMC12.2K	Rear Face	9538	2	Ant 1	25.7	24.83	1.22	-0.08	0.437	0.53
WLAN ON												
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 0	25.7	24.88	1.21	0.03	0.146	0.18
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 0	25.7	24.88	1.21	0.05	0.189	0.23
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 1	21.8	21.37	1.10	0.01	0.151	0.17
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 1	21.8	21.37	1.10	0.05	0.25	0.28
	WCDMA II	RMC12.2K	Rear Face	9262	1	Ant 1	21.8	21.26	1.13	-0.08	0.234	0.26
	WCDMA II	RMC12.2K	Rear Face	9538	1	Ant 1	21.8	21.34	1.11	0.03	0.221	0.25

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF												
29	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 0	24.0	22.90	1.29	0.17	0.423	0.55
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 0	24.0	22.90	1.29	0.04	0.916	1.18
	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 1	24.0	22.90	1.29	0.13	0.215	0.28
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 1	24.0	22.90	1.29	0.16	0.314	0.41
	WCDMA IV	RMC12.2K	Rear Face	1312	1	Ant 0	24.0	22.86	1.30	0.10	0.833	1.08
	WCDMA IV	RMC12.2K	Rear Face	1513	1	Ant 0	24.0	22.88	1.29	0.10	0.834	1.08
	WCDMA IV	RMC12.2K	Rear Face	1413	2	Ant 0	24.0	22.90	1.29	0.09	0.854	1.10
	WCDMA IV	RMC12.2K	Rear Face	1312	2	Ant 0	24.0	22.86	1.30	0.08	0.785	1.02
	WCDMA IV	RMC12.2K	Rear Face	1513	2	Ant 0	24.0	22.88	1.29	-0.03	0.824	1.06
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 0	24.0	22.90	1.29	-0.02	0.897	1.16
WLAN ON												
	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 0	20.0	19.52	1.12	0.11	0.162	0.18
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 0	20.0	19.52	1.12	-0.03	0.347	0.39
	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 1	24.0	22.90	1.29	0.13	0.215	0.28
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 1	24.0	22.90	1.29	0.16	0.314	0.41
	WCDMA IV	RMC12.2K	Rear Face	1312	1	Ant 1	24.0	22.86	1.30	-0.08	0.283	0.37
	WCDMA IV	RMC12.2K	Rear Face	1513	1	Ant 1	24.0	22.88	1.29	0.10	0.277	0.36
WLAN OFF / WLAN ON												
	WCDMA V	RMC12.2K	Front Face	4182	1	Ant 0	24.5	23.66	1.21	0.06	0.039	0.05
	WCDMA V	RMC12.2K	Rear Face	4182	1	Ant 0	24.5	23.66	1.21	0.08	0.065	0.08
	WCDMA V	RMC12.2K	Front Face	4182	1	Ant 1	24.5	23.66	1.21	0.04	0.117	0.14
30	WCDMA V	RMC12.2K	Rear Face	4182	1	Ant 1	24.5	23.66	1.21	-0.03	0.133	0.16
	WCDMA V	RMC12.2K	Rear Face	4132	1	Ant 1	24.5	23.65	1.22	0.13	0.116	0.14
	WCDMA V	RMC12.2K	Rear Face	4233	1	Ant 1	24.5	23.62	1.22	0.08	0.119	0.15
	WCDMA V	RMC12.2K	Rear Face	4182	2	Ant 1	24.5	23.66	1.21	-0.01	0.095	0.11
	WLAN OFF / WLAN ON											
	CDMA BC0	RTAP 153.6	Front Face	777	1	Ant 0	25.5	24.29	1.32	0.03	0.052	0.07
	CDMA BC0	RTAP 153.6	Rear Face	777	1	Ant 0	25.5	24.29	1.32	0.05	0.064	0.08
	CDMA BC0	RTAP 153.6	Front Face	777	1	Ant 1	25.5	24.29	1.32	0.11	0.105	0.14
	CDMA BC0	RTAP 153.6	Rear Face	777	1	Ant 1	25.5	24.29	1.32	-0.03	0.152	0.20
31	CDMA BC0	RTAP 153.6	Rear Face	1013	1	Ant 1	25.5	24.07	1.39	-0.03	0.154	0.21
	CDMA BC0	RTAP 153.6	Rear Face	384	1	Ant 1	25.5	24.05	1.40	0.02	0.142	0.20
	CDMA BC0	RTAP 153.6	Rear Face	1013	2	Ant 1	25.5	24.07	1.39	-0.08	0.138	0.19
WLAN OFF												
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 0	25.0	23.96	1.27	0.06	0.169	0.21
	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 0	25.0	23.96	1.27	0.08	0.02	0.03
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 1	25.0	23.96	1.27	0.04	0.394	0.50
32	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 1	25.0	23.96	1.27	-0.14	0.568	0.72
	CDMA BC1	RTAP 153.6	Rear Face	25	1	Ant 1	25.0	23.93	1.28	0.04	0.529	0.68
	CDMA BC1	RTAP 153.6	Rear Face	600	1	Ant 1	25.0	23.91	1.29	0.02	0.554	0.71
	CDMA BC1	RTAP 153.6	Rear Face	1175	2	Ant 1	25.0	23.96	1.27	0.11	0.521	0.66
	WLAN ON											
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 0	25.0	23.96	1.27	0.06	0.169	0.21
	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 0	25.0	23.96	1.27	0.08	0.02	0.03
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 1	21.0	20.67	1.08	0.03	0.141	0.15
	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 1	21.0	20.67	1.08	-0.08	0.203	0.22
	CDMA BC1	RTAP 153.6	Rear Face	25	1	Ant 1	21.0	20.43	1.14	-0.03	0.182	0.21
	CDMA BC1	RTAP 153.6	Rear Face	600	1	Ant 1	21.0	20.62	1.09	0.11	0.175	0.19
WLAN OFF / WLAN ON												
	CDMA BC10	RTAP 153.6	Front Face	580	1	Ant 0	25.5	24.16	1.36	0.05	0.057	0.08
	CDMA BC10	RTAP 153.6	Rear Face	580	1	Ant 0	25.5	24.16	1.36	-0.10	0.072	0.10
	CDMA BC10	RTAP 153.6	Front Face	580	1	Ant 1	25.5	24.16	1.36	0.17	0.115	0.16
	CDMA BC10	RTAP 153.6	Rear Face	580	1	Ant 1	25.5	24.16	1.36	0.08	0.154	0.21
	CDMA BC10	RTAP 153.6	Rear Face	476	1	Ant 1	25.5	24.00	1.41	-0.11	0.152	0.21
33	CDMA BC10	RTAP 153.6	Rear Face	684	1	Ant 1	25.5	24.04	1.40	-0.01	0.157	0.22
	CDMA BC10	RTAP 153.6	Rear Face	684	2	Ant 1	25.5	24.04	1.40	0.05	0.108	0.15

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Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 5	QPSK10M	Front Face	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.03	0.059	0.08
	LTE 5	QPSK10M	Rear Face	20600	1	0	1	Ant 0	25.7	24.52	1.31	-0.05	0.100	0.13
	LTE 5	QPSK10M	Front Face	20600	25	0	1	Ant 0	24.7	23.67	1.27	-0.01	0.047	0.06
	LTE 5	QPSK10M	Rear Face	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.06	0.083	0.11
	LTE 5	QPSK10M	Front Face	20600	1	0	1	Ant 1	25.7	24.52	1.31	-0.05	0.169	0.22
	LTE 5	QPSK10M	Rear Face	20600	1	0	1	Ant 1	25.7	24.52	1.31	0.07	0.190	0.25
	LTE 5	QPSK10M	Front Face	20600	25	0	1	Ant 1	24.7	23.67	1.27	0.03	0.132	0.17
	LTE 5	QPSK10M	Rear Face	20600	25	0	1	Ant 1	24.7	23.67	1.27	-0.05	0.144	0.18
34	LTE 5	QPSK10M	Rear Face	20450	1	0	1	Ant 1	25.7	24.32	1.37	-0.05	0.196	0.27
	LTE 5	QPSK10M	Rear Face	20525	1	0	1	Ant 1	25.7	24.44	1.34	0.07	0.168	0.23
	LTE 5	QPSK10M	Rear Face	20450	1	0	2	Ant 1	25.7	24.32	1.37	0.12	0.152	0.21
WLAN OFF														
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.05	0.598	0.76
	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 2	24.5	23.45	1.27	-0.03	0.646	0.82
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.12	0.476	0.60
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.06	0.494	0.62
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 3	24.5	23.45	1.27	-0.02	0.334	0.42
35	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 3	24.5	23.45	1.27	0.04	0.661	0.84
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 3	23.5	22.53	1.25	-0.08	0.278	0.35
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 3	23.5	22.53	1.25	0.17	0.553	0.69
	LTE 7	QPSK20M	Rear Face	21100	1	0	1	Ant 2	24.5	23.41	1.29	-0.08	0.586	0.76
	LTE 7	QPSK20M	Rear Face	21350	1	0	1	Ant 2	24.5	23.38	1.29	-0.06	0.573	0.74
	LTE 7	QPSK20M	Rear Face	21100	1	0	1	Ant 3	24.5	23.41	1.29	0.02	0.572	0.74
	LTE 7	QPSK20M	Rear Face	21350	1	0	1	Ant 3	24.5	23.38	1.29	-0.15	0.561	0.72
	LTE 7	QPSK20M	Rear Face	20850	100	0	1	Ant 2	23.5	22.51	1.26	-0.02	0.441	0.56
	LTE 7	QPSK20M	Rear Face	20850	100	0	1	Ant 3	23.5	22.51	1.26	-0.05	0.519	0.65
	LTE 7	QPSK20M	Rear Face	20850	1	0	2	Ant 3	24.5	23.45	1.27	-0.08	0.612	0.78
WLAN ON														
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 2	22.5	21.81	1.17	-0.02	0.291	0.34
	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 2	22.5	21.81	1.17	0.02	0.337	0.39
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 2	22.5	21.79	1.18	-0.05	0.263	0.31
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 2	22.5	21.79	1.18	-0.09	0.273	0.32
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 3	22.5	21.81	1.17	-0.11	0.173	0.20
	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 3	22.5	21.81	1.17	0.07	0.332	0.39
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 3	22.5	21.79	1.18	0.06	0.144	0.17
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 3	22.5	21.79	1.18	-0.02	0.286	0.34
	LTE 7	QPSK20M	Rear Face	21100	1	0	1	Ant 2	22.5	21.79	1.18	-0.02	0.311	0.37
	LTE 7	QPSK20M	Rear Face	21350	1	0	1	Ant 2	22.5	21.73	1.19	0.07	0.286	0.34

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Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 12	QPSK10M	Front Face	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.05	0.072	0.09
	LTE 12	QPSK10M	Rear Face	23060	1	0	1	Ant 0	25.7	24.64	1.28	-0.10	0.102	0.13
	LTE 12	QPSK10M	Front Face	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.17	0.059	0.07
	LTE 12	QPSK10M	Rear Face	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.08	0.085	0.11
	LTE 12	QPSK10M	Front Face	23060	1	0	1	Ant 1	25.7	24.64	1.28	0.15	0.119	0.15
36	LTE 12	QPSK10M	Rear Face	23060	1	0	1	Ant 1	25.7	24.64	1.28	-0.11	0.159	0.20
	LTE 12	QPSK10M	Front Face	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.01	0.091	0.12
	LTE 12	QPSK10M	Rear Face	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.07	0.137	0.17
	LTE 12	QPSK10M	Rear Face	23095	1	0	1	Ant 1	25.7	24.61	1.29	-0.14	0.148	0.19
	LTE 12	QPSK10M	Rear Face	23130	1	0	1	Ant 1	25.7	24.59	1.29	-0.12	0.147	0.19
	LTE 12	QPSK10M	Rear Face	23060	1	0	2	Ant 1	25.7	24.64	1.28	-0.03	0.121	0.15
WLAN OFF / WLAN ON														
	LTE 13	QPSK10M	Front Face	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.07	0.061	0.08
	LTE 13	QPSK10M	Rear Face	23230	1	24	1	Ant 0	25.3	24.26	1.27	-0.10	0.081	0.10
	LTE 13	QPSK10M	Front Face	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.05	0.051	0.06
	LTE 13	QPSK10M	Rear Face	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.13	0.065	0.08
	LTE 13	QPSK10M	Front Face	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.13	0.141	0.18
37	LTE 13	QPSK10M	Rear Face	23230	1	24	1	Ant 1	25.3	24.26	1.27	-0.12	0.176	0.22
	LTE 13	QPSK10M	Front Face	23230	25	12	1	Ant 1	24.3	23.29	1.26	0.18	0.114	0.14
	LTE 13	QPSK10M	Rear Face	23230	25	12	1	Ant 1	24.3	23.29	1.26	0.14	0.157	0.20
	LTE 13	QPSK10M	Rear Face	23230	1	24	2	Ant 1	25.3	24.26	1.27	0.12	0.131	0.17
WLAN OFF / WLAN ON														
	LTE 14	QPSK10M	Front Face	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.18	0.054	0.07
	LTE 14	QPSK10M	Rear Face	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.09	0.071	0.09
	LTE 14	QPSK10M	Front Face	23330	25	0	1	Ant 0	24.5	23.49	1.26	-0.18	0.043	0.05
	LTE 14	QPSK10M	Rear Face	23330	25	0	1	Ant 0	24.5	23.49	1.26	-0.07	0.058	0.07
	LTE 14	QPSK10M	Front Face	23330	1	24	1	Ant 1	25.5	24.49	1.26	-0.01	0.135	0.17
38	LTE 14	QPSK10M	Rear Face	23330	1	24	1	Ant 1	25.5	24.49	1.26	-0.09	0.169	0.21
	LTE 14	QPSK10M	Front Face	23330	25	0	1	Ant 1	24.5	23.49	1.26	0.07	0.106	0.13
	LTE 14	QPSK10M	Rear Face	23330	25	0	1	Ant 1	24.5	23.49	1.26	-0.02	0.136	0.17
	LTE 14	QPSK10M	Rear Face	23330	1	24	2	Ant 1	25.5	24.49	1.26	0.07	0.121	0.15



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Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.03	0.287	0.36
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	-0.11	0.309	0.39
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.11	0.240	0.30
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.15	0.289	0.36
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 1	25.7	24.69	1.26	0.07	0.680	0.86
39	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 1	25.7	24.69	1.26	-0.06	0.865	1.09
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 1	24.7	23.69	1.26	0.10	0.551	0.69
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 1	24.7	23.69	1.26	0.05	0.769	0.97
	LTE 25	QPSK20M	Front Face	26140	1	50	1	Ant 1	25.7	24.66	1.27	-0.12	0.658	0.84
	LTE 25	QPSK20M	Front Face	26365	1	50	1	Ant 1	25.7	24.62	1.28	0.06	0.641	0.82
	LTE 25	QPSK20M	Rear Face	26140	1	50	1	Ant 1	25.7	24.66	1.27	-0.08	0.853	1.08
	LTE 25	QPSK20M	Rear Face	26365	1	50	1	Ant 1	25.7	24.62	1.28	-0.02	0.841	1.08
	LTE 25	QPSK20M	Rear Face	26140	50	25	1	Ant 1	24.7	23.67	1.27	-0.09	0.730	0.93
	LTE 25	QPSK20M	Rear Face	26365	50	25	1	Ant 1	24.7	23.66	1.27	0.19	0.771	0.98
	LTE 25	QPSK20M	Front Face	26590	100	0	1	Ant 1	24.7	23.68	1.26	0.03	0.535	0.67
	LTE 25	QPSK20M	Rear Face	26590	100	0	1	Ant 1	24.7	23.68	1.26	-0.16	0.761	0.96
	LTE 25	QPSK20M	Rear Face	26590	1	50	2	Ant 1	25.7	24.69	1.26	0.11	0.795	1.00
	LTE 25	QPSK20M	Rear Face	26140	1	50	2	Ant 1	25.7	24.66	1.27	-0.08	0.752	0.96
	LTE 25	QPSK20M	Rear Face	26365	1	50	2	Ant 1	25.7	24.62	1.28	0.14	0.768	0.98
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 1	25.7	24.69	1.26	-0.02	0.851	1.07
WLAN ON														
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.03	0.287	0.36
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	-0.11	0.309	0.39
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.11	0.240	0.30
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.15	0.289	0.36
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 1	20.7	19.77	1.24	-0.01	0.223	0.28
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 1	20.7	19.77	1.24	0.05	0.28	0.35
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 1	20.7	19.74	1.25	-0.13	0.195	0.24
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 1	20.7	19.74	1.25	0.07	0.260	0.33
	LTE 25	QPSK20M	Rear Face	26140	1	50	1	Ant 0	25.7	24.66	1.27	-0.11	0.264	0.34
	LTE 25	QPSK20M	Rear Face	26365	1	50	1	Ant 0	25.7	24.62	1.28	0.04	0.241	0.31

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 26	QPSK15M	Front Face	26965	1	74	1	Ant 0	25.7	24.69	1.26	-0.08	0.058	0.07
	LTE 26	QPSK15M	Rear Face	26965	1	74	1	Ant 0	25.7	24.69	1.26	0.17	0.091	0.11
	LTE 26	QPSK15M	Front Face	26965	36	39	1	Ant 0	24.7	23.68	1.26	0.00	0.052	0.07
	LTE 26	QPSK15M	Rear Face	26965	36	39	1	Ant 0	24.7	23.68	1.26	0.14	0.087	0.11
	LTE 26	QPSK15M	Front Face	26965	1	74	1	Ant 1	25.7	24.69	1.26	0.14	0.127	0.16
	LTE 26	QPSK15M	Rear Face	26965	1	74	1	Ant 1	25.7	24.69	1.26	-0.17	0.156	0.20
	LTE 26	QPSK15M	Front Face	26965	36	39	1	Ant 1	24.7	23.68	1.26	0.06	0.101	0.13
	LTE 26	QPSK15M	Rear Face	26965	36	39	1	Ant 1	24.7	23.68	1.26	-0.04	0.135	0.17
40	LTE 26	QPSK15M	Rear Face	26765	1	74	1	Ant 1	25.7	24.28	1.39	-0.05	0.176	0.24
	LTE 26	QPSK15M	Rear Face	26865	1	74	1	Ant 1	25.7	24.57	1.30	0.01	0.165	0.21
	LTE 26	QPSK15M	Rear Face	26765	1	74	2	Ant 1	25.7	24.28	1.39	-0.11	0.124	0.17
WLAN OFF														
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 2	25.7	24.68	1.26	0.05	0.641	0.81
41	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 2	25.7	24.68	1.26	-0.09	0.706	0.89
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.07	0.513	0.65
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.02	0.616	0.78
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.06	0.134	0.17
	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	-0.01	0.312	0.39
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.05	0.118	0.15
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	-0.07	0.267	0.34
	LTE 30	QPSK10M	Front Face	27710	50	0	1	Ant 2	24.7	23.66	1.27	0.01	0.509	0.65
	LTE 30	QPSK10M	Rear Face	27710	50	0	1	Ant 2	24.7	23.66	1.27	0.05	0.581	0.74
	LTE 30	QPSK10M	Rear Face	27710	1	0	2	Ant 2	25.7	24.68	1.26	0.07	0.601	0.76
WLAN ON														
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 2	21.7	21.11	1.15	0.01	0.227	0.26
	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 2	21.7	21.11	1.15	-0.08	0.251	0.29
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 2	21.7	21.09	1.15	0.05	0.182	0.21
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 2	21.7	21.09	1.15	-0.02	0.218	0.25
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.06	0.134	0.17
	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	-0.01	0.312	0.39
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.05	0.118	0.15
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	-0.07	0.267	0.34
WLAN OFF														
42	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 2	25.7	24.69	1.26	-0.03	0.419	0.53
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 2	25.7	24.69	1.26	0.05	0.391	0.49
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 2	24.7	23.68	1.26	0.01	0.316	0.40
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 2	24.7	23.68	1.26	0.07	0.302	0.38
	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 3	25.7	24.69	1.26	0.13	0.168	0.21
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 3	25.7	24.69	1.26	0.06	0.353	0.44
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.16	0.128	0.16
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.07	0.258	0.33
	LTE 38	QPSK20M	Front Face	37850	1	99	1	Ant 2	25.7	24.68	1.26	-0.01	0.368	0.46
	LTE 38	QPSK20M	Front Face	38150	1	99	1	Ant 2	25.7	24.65	1.27	-0.18	0.357	0.45
	LTE 38	QPSK20M	Front Face	38000	1	99	2	Ant 2	25.7	24.69	1.26	0.12	0.375	0.47
WLAN ON														
	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 2	22.7	21.99	1.18	0.07	0.175	0.21
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 2	22.7	21.99	1.18	0.05	0.163	0.19
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 2	22.7	21.98	1.18	0.07	0.132	0.16
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 2	22.7	21.98	1.18	-0.02	0.126	0.15
	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 3	22.7	21.99	1.18	0.01	0.065	0.08
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 3	22.7	21.99	1.18	0.09	0.136	0.16
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 3	22.7	21.98	1.18	-0.06	0.049	0.06
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 3	22.7	21.98	1.18	-0.02	0.099	0.12
	LTE 38	QPSK20M	Front Face	37850	1	99	1	Ant 2	22.7	21.97	1.18	-0.08	0.161	0.19
	LTE 38	QPSK20M	Front Face	38150	1	99	1	Ant 2	22.7	21.95	1.19	0.12	0.149	0.18

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Uplink Downlink Config.	Special Subframe Config.	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON																
	LTE 41	QPSK20M	Front Face	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.09	0.326	0.41
	LTE 41	QPSK20M	Rear Face	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.12	0.312	0.39
	LTE 41	QPSK20M	Front Face	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	0.02	0.279	0.35
	LTE 41	QPSK20M	Rear Face	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	-0.05	0.269	0.34
	LTE 41	QPSK20M	Front Face	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	-0.01	0.152	0.19
	LTE 41	QPSK20M	Rear Face	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	0.16	0.293	0.37
	LTE 41	QPSK20M	Front Face	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	0.01	0.106	0.13
	LTE 41	QPSK20M	Rear Face	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	-0.04	0.207	0.26
	LTE 41	QPSK20M	Front Face	39750	1	0	1	Ant 2	0	5	25.0	23.94	1.28	0.05	0.385	0.49
	LTE 41	QPSK20M	Rear Face	40185	1	0	1	Ant 2	0	5	25.0	23.95	1.27	-0.13	0.335	0.43
43	LTE 41	QPSK20M	Front Face	41055	1	0	1	Ant 2	0	5	25.0	23.88	1.29	-0.03	0.394	0.51
	LTE 41	QPSK20M	Front Face	41490	1	0	1	Ant 2	0	5	25.0	23.87	1.30	0.06	0.329	0.43
	LTE 41 (HPUE)	QPSK20M	Front Face	41055	1	0	1	Ant 2	1	5	26.5	25.75	1.19	-0.12	0.388	0.46
	LTE 41 (HPUE)	QPSK20M	Front Face	39750	1	0	1	Ant 2	1	5	26.5	25.67	1.21	-0.02	0.383	0.46
	LTE 41 (HPUE)	QPSK20M	Front Face	40185	1	0	1	Ant 2	1	5	26.5	25.64	1.22	-0.09	0.351	0.43
	LTE 41 (HPUE)	QPSK20M	Front Face	40620	1	0	1	Ant 2	1	5	26.5	25.56	1.24	0.17	0.372	0.46
	LTE 41 (HPUE)	QPSK20M	Front Face	41490	1	0	1	Ant 2	1	5	26.5	25.58	1.24	0.12	0.369	0.46
	LTE 41	QPSK20M	Front Face	41055	1	0	2	Ant 2	0	5	25.0	23.88	1.29	0.08	0.319	0.41

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 66	QPSK20M	Front Face	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.02	0.067	0.08
	LTE 66	QPSK20M	Rear Face	132572	1	0	1	Ant 0	24.5	23.76	1.19	-0.05	0.098	0.12
	LTE 66	QPSK20M	Front Face	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.03	0.052	0.06
	LTE 66	QPSK20M	Rear Face	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.12	0.075	0.09
	LTE 66	QPSK20M	Front Face	132572	1	0	1	Ant 1	24.5	23.76	1.19	0.03	0.108	0.13
44	LTE 66	QPSK20M	Rear Face	132572	1	0	1	Ant 1	24.5	23.76	1.19	0.04	0.143	0.17
	LTE 66	QPSK20M	Front Face	132572	50	0	1	Ant 1	23.5	22.65	1.22	-0.04	0.09	0.11
	LTE 66	QPSK20M	Rear Face	132572	50	0	1	Ant 1	23.5	22.65	1.22	0.18	0.126	0.15
	LTE 66	QPSK20M	Rear Face	132072	1	0	1	Ant 1	24.5	23.61	1.23	0.11	0.115	0.14
	LTE 66	QPSK20M	Rear Face	132322	1	0	1	Ant 1	24.5	23.72	1.20	-0.08	0.124	0.15
	LTE 66	QPSK20M	Rear Face	132572	1	0	2	Ant 1	24.5	23.76	1.19	0.11	0.121	0.14
WLAN OFF / WLAN ON														
	LTE 71	QPSK20M	Front Face	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.02	0.034	0.04
	LTE 71	QPSK20M	Rear Face	133297	1	0	1	Ant 0	24.6	23.51	1.29	-0.05	0.057	0.07
	LTE 71	QPSK20M	Front Face	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Rear Face	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.11	0.043	0.05
	LTE 71	QPSK20M	Front Face	133297	1	0	1	Ant 1	24.6	23.51	1.29	-0.03	0.115	0.15
45	LTE 71	QPSK20M	Rear Face	133297	1	0	1	Ant 1	24.6	23.51	1.29	-0.02	0.165	0.21
	LTE 71	QPSK20M	Front Face	133297	50	0	1	Ant 1	23.6	22.57	1.27	0.07	0.092	0.12
	LTE 71	QPSK20M	Rear Face	133297	50	0	1	Ant 1	23.6	22.57	1.27	0.01	0.145	0.18
	LTE 71	QPSK20M	Rear Face	133222	1	0	1	Ant 1	24.6	23.45	1.30	-0.09	0.151	0.20
	LTE 71	QPSK20M	Rear Face	133372	1	0	1	Ant 1	24.6	23.44	1.31	-0.09	0.149	0.20
	LTE 71	QPSK20M	Rear Face	133297	1	0	2	Ant 1	24.6	23.51	1.29	0.13	0.132	0.17

Note: "<0.001" means there is no SAR value or the SAR is too low to be measured.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN2.4G	802.11b	Front Face	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	0.01	0.259	0.27
	WLAN2.4G	802.11b	Rear Face	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	0.18	0.438	0.46
	WLAN2.4G	802.11b	Front Face	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	-0.07	0.173	0.19
	WLAN2.4G	802.11b	Rear Face	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	-0.07	0.445	0.48
	WLAN2.4G	802.11b	Front Face	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	-0.16	0.272	0.30
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	-0.16		
46	WLAN2.4G	802.11b	Rear Face	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	-0.08	0.94	1.03
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	-0.08		
	WLAN2.4G	802.11b	Rear Face	1	1	2Tx Ant 0	98.89	1.01	18.0	17.81	1.04	-0.04	0.547	0.60
						2Tx Ant 1	98.89	1.01	18.0	17.62	1.09	-0.04		
	WLAN2.4G	802.11b	Rear Face	11	1	2Tx Ant 0	98.89	1.01	16.5	16.46	1.01	-0.18	0.733	0.75
						2Tx Ant 1	98.89	1.01	16.5	16.48	1.00	-0.18		
	WLAN2.4G	802.11b	Rear Face	12	1	2Tx Ant 0	98.89	1.01	15.0	14.96	1.01	0.01	0.824	0.84
						2Tx Ant 1	98.89	1.01	15.0	14.98	1.00	0.01		
	WLAN2.4G	802.11b	Rear Face	13	1	2Tx Ant 0	98.89	1.01	8.0	7.82	1.04	0.06	0.234	0.25
						2Tx Ant 1	98.89	1.01	8.0	7.86	1.03	0.06		
	WLAN2.4G	802.11b	Rear Face	6	2	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	0.05	0.895	0.98
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	0.05		
	WLAN2.4G	802.11b	Rear Face	1	2	2Tx Ant 0	98.89	1.01	18.0	17.81	1.04	-0.08	0.812	0.89
						2Tx Ant 1	98.89	1.01	18.0	17.62	1.09	-0.08		
	WLAN2.4G	802.11b	Rear Face	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	-0.05	0.921	1.00
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	-0.05		
WWAN ON / WWAN OFF														
	WLAN5.3G	802.11n HT40	Front Face	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	0.01	0.321	0.35
	WLAN5.3G	802.11n HT40	Rear Face	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	0.11	0.192	0.21
	WLAN5.3G	802.11n HT40	Front Face	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	0.06	0.156	0.17
48	WLAN5.3G	802.11n HT40	Rear Face	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	0.09	0.621	0.69
						2Tx Ant 0	95.44	1.05	17.5	17.35	1.04	0.10		
	WLAN5.3G	802.11n HT40	Front Face	54	1	2Tx Ant 1	95.44	1.05	17.5	17.32	1.04	0.10	0.380	0.41
						2Tx Ant 0	95.44	1.05	17.5	17.35	1.04	0.04		
	WLAN5.3G	802.11n HT40	Rear Face	54	1	2Tx Ant 1	95.44	1.05	17.5	17.32	1.04	0.04	0.544	0.59
						2Tx Ant 0	95.44	1.05	17.5	17.32	1.04	0.04		
	WLAN5.3G	802.11n HT40	Rear Face	62	1	Ant 1	95.34	1.05	13.5	13.21	1.07	0.02	0.298	0.33
	WLAN5.3G	802.11n HT40	Rear Face	54	2	Ant 1	95.34	1.05	17.5	17.26	1.06	0.09	0.552	0.61

Note: Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.6G	802.11ac VHT80	Front Face	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	0.11	0.267	0.30
	WLAN5.6G	802.11ac VHT80	Rear Face	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	0	<0.001	0.00
	WLAN5.6G	802.11ac VHT80	Front Face	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0.06	0.222	0.25
	WLAN5.6G	802.11ac VHT80	Rear Face	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0.09	0.619	0.70
	WLAN5.6G	802.11ac VHT80	Front Face	138	1	2Tx Ant0	91.65	1.09	17.5	17.41	1.02	0.11	0.412	0.46
						2Tx Ant1	91.65	1.09	17.5	17.37	1.03	0.11		
49	WLAN5.6G	802.11ac VHT80	Rear Face	138	1	2Tx Ant0	91.65	1.09	17.5	17.41	1.02	0.11	0.645	0.72
						2Tx Ant1	91.65	1.09	17.5	17.37	1.03	0.11		
	WLAN5.6G	802.11ac VHT80	Rear Face	106	1	2Tx Ant0	91.65	1.09	12.5	12.48	1.00	-0.11	0.631	0.70
						2Tx Ant1	91.65	1.09	12.5	12.43	1.02	-0.11		
	WLAN5.6G	802.11ac VHT80	Rear Face	122	1	2Tx Ant0	91.65	1.09	17.5	17.36	1.03	-0.17	0.161	0.18
						2Tx Ant1	91.65	1.09	17.5	17.32	1.04	-0.17		
	WLAN5.6G	802.11ac VHT80	Rear Face	138	2	2Tx Ant0	91.65	1.09	17.5	17.41	1.02	-0.11	0.611	0.69
						2Tx Ant1	91.65	1.09	17.5	17.37	1.03	-0.11		
WWAN ON / WWAN OFF														
	WLAN5.8G	802.11ac VHT80	Front Face	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	0.11	0.197	0.22
	WLAN5.8G	802.11ac VHT80	Rear Face	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Front Face	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Rear Face	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	-0.06	0.340	0.39
	WLAN5.8G	802.11ac VHT80	Front Face	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.05	0.237	0.27
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.05		
50	WLAN5.8G	802.11ac VHT80	Rear Face	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.03	0.358	0.41
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.03		
	WLAN5.8G	802.11ac VHT80	Rear Face	155	2	2Tx Ant0	91.65	1.09	17.5	17.34	1.04	0.07	0.344	0.39
						2Tx Ant1	91.65	1.09	17.5	17.27	1.05	0.07		
WWAN ON / WWAN OFF														
	BT	BDR	Front Face	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.15	0.030	0.05
51	BT	BDR	Rear Face	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.11	0.050	0.09
	BT	BDR	Rear Face	39	1	Ant 0	75.33	1.33	18.0	16.83	1.31	0.04	0.048	0.08
	BT	BDR	Rear Face	78	1	Ant 0	75.33	1.33	18.0	16.05	1.57	0.06	0.045	0.09
	BT	BDR	Rear Face	0	2	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.08	0.032	0.05

Note:

1. "<0.001" means there is no SAR value or the SAR is too low to be measured.
2. Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

FCC SAR Test Report

4.7.4 SAR Results for Hotspot Exposure Condition (Test Separation Distance is 10 mm)

Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON												
	GSM850	GPRS12	Front Face	189	1	Ant 0	29.0	27.75	1.33	0.03	0.036	0.05
	GSM850	GPRS12	Rear Face	189	1	Ant 0	29.0	27.75	1.33	0.05	0.056	0.07
	GSM850	GPRS12	Left Side	189	1	Ant 0	29.0	27.75	1.33	-0.02	0.015	0.02
	GSM850	GPRS12	Right Side	189	1	Ant 0	29.0	27.75	1.33	-0.08	0.026	0.03
	GSM850	GPRS12	Bottom Side	189	1	Ant 0	29.0	27.75	1.33	0.06	0.014	0.02
	GSM850	GPRS12	Front Face	189	1	Ant 1	29.0	27.75	1.33	0.11	0.081	0.11
	GSM850	GPRS12	Rear Face	189	1	Ant 1	29.0	27.75	1.33	-0.03	0.089	0.12
	GSM850	GPRS12	Left Side	189	1	Ant 1	29.0	27.75	1.33	0.04	0.048	0.06
	GSM850	GPRS12	Right Side	189	1	Ant 1	29.0	27.75	1.33	-0.08	0.055	0.07
	GSM850	GPRS12	Top Side	189	1	Ant 1	29.0	27.75	1.33	0.03	0.063	0.08
26	GSM850	GPRS12	Rear Face	128	1	Ant 1	29.0	27.73	1.34	-0.01	0.096	0.13
	GSM850	GPRS12	Rear Face	251	1	Ant 1	29.0	27.69	1.35	-0.05	0.091	0.12
	GSM850	GPRS12	Rear Face	128	2	Ant 1	29.0	27.73	1.34	-0.08	0.079	0.11
WLAN OFF / WLAN ON												
	GSM1900	GPRS12	Front Face	661	1	Ant 0	26.5	25.03	1.40	0.05	0.047	0.07
	GSM1900	GPRS12	Rear Face	661	1	Ant 0	26.5	25.03	1.40	0.06	0.055	0.08
	GSM1900	GPRS12	Left Side	661	1	Ant 0	26.5	25.03	1.40	0.08	0.016	0.02
	GSM1900	GPRS12	Right Side	661	1	Ant 0	26.5	25.03	1.40	0.00	<0.001	0.00
	GSM1900	GPRS12	Bottom Side	661	1	Ant 0	26.5	25.03	1.40	0.02	0.061	0.09
	GSM1900	GPRS12	Front Face	661	1	Ant 1	26.5	25.03	1.40	-0.06	0.088	0.12
	GSM1900	GPRS12	Rear Face	661	1	Ant 1	26.5	25.03	1.40	0.07	0.121	0.17
	GSM1900	GPRS12	Left Side	661	1	Ant 1	26.5	25.03	1.40	0.12	0.043	0.06
	GSM1900	GPRS12	Right Side	661	1	Ant 1	26.5	25.03	1.40	-0.06	0.018	0.03
	GSM1900	GPRS12	Top Side	661	1	Ant 1	26.5	25.03	1.40	-0.08	0.116	0.16
	GSM1900	GPRS12	Rear Face	512	1	Ant 1	26.5	24.98	1.42	0.05	0.147	0.21
27	GSM1900	GPRS12	Rear Face	810	1	Ant 1	26.5	24.96	1.43	-0.14	0.150	0.21
	GSM1900	GPRS12	Rear Face	810	2	Ant 1	26.5	24.96	1.43	0.17	0.128	0.18
WLAN OFF												
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 0	25.7	24.88	1.21	0.03	0.146	0.18
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 0	25.7	24.88	1.21	0.05	0.189	0.23
	WCDMA II	RMC12.2K	Left Side	9400	1	Ant 0	25.7	24.88	1.21	0.01	0.052	0.06
	WCDMA II	RMC12.2K	Right Side	9400	1	Ant 0	25.7	24.88	1.21	0.12	0.02	0.02
	WCDMA II	RMC12.2K	Bottom Side	9400	1	Ant 0	25.7	24.88	1.21	0.06	0.236	0.29
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 1	25.7	24.88	1.21	0.08	0.283	0.34
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 1	25.7	24.88	1.21	0.13	0.47	0.57
	WCDMA II	RMC12.2K	Left Side	9400	1	Ant 1	25.7	24.88	1.21	-0.06	0.131	0.16
	WCDMA II	RMC12.2K	Right Side	9400	1	Ant 1	25.7	24.88	1.21	0.07	0.052	0.06
	WCDMA II	RMC12.2K	Top Side	9400	1	Ant 1	25.7	24.88	1.21	-0.05	0.399	0.48
	WCDMA II	RMC12.2K	Rear Face	9262	1	Ant 1	25.7	24.81	1.23	0.01	0.435	0.54
28	WCDMA II	RMC12.2K	Rear Face	9538	1	Ant 1	25.7	24.83	1.22	-0.06	0.484	0.59
	WCDMA II	RMC12.2K	Rear Face	9538	2	Ant 1	25.7	24.83	1.22	-0.08	0.437	0.53
WLAN ON												
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 0	25.7	24.88	1.21	0.03	0.146	0.18
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 0	25.7	24.88	1.21	0.05	0.189	0.23
	WCDMA II	RMC12.2K	Left Side	9400	1	Ant 0	25.7	24.88	1.21	0.01	0.052	0.06
	WCDMA II	RMC12.2K	Right Side	9400	1	Ant 0	25.7	24.88	1.21	0.12	0.02	0.02
	WCDMA II	RMC12.2K	Bottom Side	9400	1	Ant 0	25.7	24.88	1.21	0.06	0.236	0.29
	WCDMA II	RMC12.2K	Front Face	9400	1	Ant 1	21.8	21.37	1.10	0.01	0.151	0.17
	WCDMA II	RMC12.2K	Rear Face	9400	1	Ant 1	21.8	21.37	1.10	0.05	0.25	0.28
	WCDMA II	RMC12.2K	Left Side	9400	1	Ant 1	21.8	21.37	1.10	0.09	0.070	0.08
	WCDMA II	RMC12.2K	Right Side	9400	1	Ant 1	21.8	21.37	1.10	-0.05	0.028	0.03
	WCDMA II	RMC12.2K	Top Side	9400	1	Ant 1	21.8	21.37	1.10	0.02	0.212	0.23
	WCDMA II	RMC12.2K	Rear Face	9262	1	Ant 1	21.8	21.26	1.13	-0.08	0.234	0.26
	WCDMA II	RMC12.2K	Rear Face	9538	1	Ant 1	21.8	21.34	1.11	0.03	0.221	0.25

Note: “<<0.001” means there is no SAR value or the SAR is too low to be measured.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	
WLAN OFF													
29	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 0	24.0	22.90	1.29	0.17	0.423	0.55	
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 0	24.0	22.90	1.29	0.04	0.916	1.18	
	WCDMA IV	RMC12.2K	Left Side	1413	1	Ant 0	24.0	22.90	1.29	0.12	0.067	0.09	
	WCDMA IV	RMC12.2K	Right Side	1413	1	Ant 0	24.0	22.90	1.29	0.11	0.041	0.05	
	WCDMA IV	RMC12.2K	Bottom Side	1413	1	Ant 0	24.0	22.90	1.29	0.15	0.877	1.13	
	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 1	24.0	22.90	1.29	0.13	0.215	0.28	
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 1	24.0	22.90	1.29	0.16	0.314	0.41	
	WCDMA IV	RMC12.2K	Left Side	1413	1	Ant 1	24.0	22.90	1.29	0.11	0.123	0.16	
	WCDMA IV	RMC12.2K	Right Side	1413	1	Ant 1	24.0	22.90	1.29	0.12	0.044	0.06	
	WCDMA IV	RMC12.2K	Top Side	1413	1	Ant 1	24.0	22.90	1.29	0.17	0.311	0.40	
	WCDMA IV	RMC12.2K	Rear Face	1312	1	Ant 0	24.0	22.86	1.30	0.10	0.833	1.08	
	WCDMA IV	RMC12.2K	Rear Face	1513	1	Ant 0	24.0	22.88	1.29	0.10	0.834	1.08	
	WCDMA IV	RMC12.2K	Bottom Side	1312	1	Ant 0	24.0	22.86	1.30	0.15	0.881	1.15	
	WCDMA IV	RMC12.2K	Bottom Side	1513	1	Ant 0	24.0	22.88	1.29	0.11	0.824	1.06	
	WCDMA IV	RMC12.2K	Rear Face	1413	2	Ant 0	24.0	22.90	1.29	0.09	0.854	1.10	
	WCDMA IV	RMC12.2K	Rear Face	1312	2	Ant 0	24.0	22.86	1.30	0.08	0.785	1.02	
	WCDMA IV	RMC12.2K	Rear Face	1513	2	Ant 0	24.0	22.88	1.29	-0.03	0.824	1.06	
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 0	24.0	22.90	1.29	-0.02	0.897	1.16	
WLAN ON													
	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 0	20.0	19.52	1.12	0.11	0.162	0.18	
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 0	20.0	19.52	1.12	-0.03	0.347	0.39	
	WCDMA IV	RMC12.2K	Left Side	1413	1	Ant 0	20.0	19.52	1.12	0.05	0.025	0.03	
	WCDMA IV	RMC12.2K	Right Side	1413	1	Ant 0	20.0	19.52	1.12	-0.03	0.015	0.02	
	WCDMA IV	RMC12.2K	Bottom Side	1413	1	Ant 0	20.0	19.52	1.12	0.01	0.332	0.37	
	WCDMA IV	RMC12.2K	Front Face	1413	1	Ant 1	24.0	22.90	1.29	0.13	0.215	0.28	
	WCDMA IV	RMC12.2K	Rear Face	1413	1	Ant 1	24.0	22.90	1.29	0.16	0.314	0.41	
	WCDMA IV	RMC12.2K	Left Side	1413	1	Ant 1	24.0	22.90	1.29	0.11	0.123	0.16	
	WCDMA IV	RMC12.2K	Right Side	1413	1	Ant 1	24.0	22.90	1.29	0.12	0.044	0.06	
	WCDMA IV	RMC12.2K	Top Side	1413	1	Ant 1	24.0	22.90	1.29	0.17	0.311	0.40	
	WCDMA IV	RMC12.2K	Rear Face	1312	1	Ant 1	24.0	22.86	1.30	-0.08	0.283	0.37	
	WCDMA IV	RMC12.2K	Rear Face	1513	1	Ant 1	24.0	22.88	1.29	0.10	0.277	0.36	
	WLAN OFF / WLAN ON												
	30	WCDMA V	RMC12.2K	Front Face	4182	1	Ant 0	24.5	23.66	1.21	0.06	0.039	0.05
		WCDMA V	RMC12.2K	Rear Face	4182	1	Ant 0	24.5	23.66	1.21	0.08	0.065	0.08
		WCDMA V	RMC12.2K	Left Side	4182	1	Ant 0	24.5	23.66	1.21	0.00	<0.001	0.00
		WCDMA V	RMC12.2K	Right Side	4182	1	Ant 0	24.5	23.66	1.21	0.11	0.027	0.03
		WCDMA V	RMC12.2K	Bottom Side	4182	1	Ant 0	24.5	23.66	1.21	0.00	<0.001	0.00
WCDMA V		RMC12.2K	Front Face	4182	1	Ant 1	24.5	23.66	1.21	0.04	0.117	0.14	
WCDMA V		RMC12.2K	Rear Face	4182	1	Ant 1	24.5	23.66	1.21	-0.03	0.133	0.16	
WCDMA V		RMC12.2K	Left Side	4182	1	Ant 1	24.5	23.66	1.21	0.12	0.068	0.08	
WCDMA V		RMC12.2K	Right Side	4182	1	Ant 1	24.5	23.66	1.21	-0.06	0.072	0.09	
WCDMA V		RMC12.2K	Top Side	4182	1	Ant 1	24.5	23.66	1.21	0.04	0.111	0.13	
WCDMA V		RMC12.2K	Rear Face	4132	1	Ant 1	24.5	23.65	1.22	0.13	0.116	0.14	
WCDMA V		RMC12.2K	Rear Face	4233	1	Ant 1	24.5	23.62	1.22	0.08	0.119	0.15	
WCDMA V	RMC12.2K	Rear Face	4182	2	Ant 1	24.5	23.66	1.21	-0.01	0.095	0.11		

Note: "<<0.001" means there is no SAR value or the SAR is too low to be measured.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON												
	CDMA BC0	RTAP 153.6	Front Face	777	1	Ant 0	25.5	24.29	1.32	0.03	0.052	0.07
	CDMA BC0	RTAP 153.6	Rear Face	777	1	Ant 0	25.5	24.29	1.32	0.05	0.064	0.08
	CDMA BC0	RTAP 153.6	Left Side	777	1	Ant 0	25.5	24.29	1.32	-0.02	0.019	0.03
	CDMA BC0	RTAP 153.6	Right Side	777	1	Ant 0	25.5	24.29	1.32	-0.08	<0.001	0.00
	CDMA BC0	RTAP 153.6	Bottom Side	777	1	Ant 0	25.5	24.29	1.32	0.06	0.081	0.11
	CDMA BC0	RTAP 153.6	Front Face	777	1	Ant 1	25.5	24.29	1.32	0.11	0.105	0.14
	CDMA BC0	RTAP 153.6	Rear Face	777	1	Ant 1	25.5	24.29	1.32	-0.03	0.152	0.20
	CDMA BC0	RTAP 153.6	Left Side	777	1	Ant 1	25.5	24.29	1.32	0.04	0.045	0.06
	CDMA BC0	RTAP 153.6	Right Side	777	1	Ant 1	25.5	24.29	1.32	-0.08	0.019	0.03
	CDMA BC0	RTAP 153.6	Top Side	777	1	Ant 1	25.5	24.29	1.32	0.03	0.128	0.17
31	CDMA BC0	RTAP 153.6	Rear Face	1013	1	Ant 1	25.5	24.07	1.39	-0.03	0.154	0.21
	CDMA BC0	RTAP 153.6	Rear Face	384	1	Ant 1	25.5	24.05	1.40	0.02	0.142	0.20
	CDMA BC0	RTAP 153.6	Rear Face	1013	2	Ant 1	25.5	24.07	1.39	-0.08	0.138	0.19
WLAN OFF												
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 0	25.0	23.96	1.27	0.06	0.169	0.21
	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 0	25.0	23.96	1.27	0.08	0.02	0.03
	CDMA BC1	RTAP 153.6	Left Side	1175	1	Ant 0	25.0	23.96	1.27	0.05	0.042	0.05
	CDMA BC1	RTAP 153.6	Right Side	1175	1	Ant 0	25.0	23.96	1.27	0.00	<0.001	0.00
	CDMA BC1	RTAP 153.6	Bottom Side	1175	1	Ant 0	25.0	23.96	1.27	0.01	0.279	0.35
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 1	25.0	23.96	1.27	0.04	0.394	0.50
32	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 1	25.0	23.96	1.27	-0.14	0.568	0.72
	CDMA BC1	RTAP 153.6	Left Side	1175	1	Ant 1	25.0	23.96	1.27	0.05	0.083	0.11
	CDMA BC1	RTAP 153.6	Right Side	1175	1	Ant 1	25.0	23.96	1.27	0.00	<0.001	0.00
	CDMA BC1	RTAP 153.6	Top Side	1175	1	Ant 1	25.0	23.96	1.27	-0.11	0.451	0.57
	CDMA BC1	RTAP 153.6	Rear Face	25	1	Ant 1	25.0	23.93	1.28	0.04	0.529	0.68
	CDMA BC1	RTAP 153.6	Rear Face	600	1	Ant 1	25.0	23.91	1.29	0.02	0.554	0.71
	CDMA BC1	RTAP 153.6	Rear Face	1175	2	Ant 1	25.0	23.96	1.27	0.11	0.521	0.66
WLAN ON												
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 0	25.0	23.96	1.27	0.06	0.169	0.21
	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 0	25.0	23.96	1.27	0.08	0.02	0.03
	CDMA BC1	RTAP 153.6	Left Side	1175	1	Ant 0	25.0	23.96	1.27	0.05	0.042	0.05
	CDMA BC1	RTAP 153.6	Right Side	1175	1	Ant 0	25.0	23.96	1.27	0.00	<0.001	0.00
	CDMA BC1	RTAP 153.6	Bottom Side	1175	1	Ant 0	25.0	23.96	1.27	0.01	0.279	0.35
	CDMA BC1	RTAP 153.6	Front Face	1175	1	Ant 1	21.0	20.67	1.08	0.03	0.141	0.15
	CDMA BC1	RTAP 153.6	Rear Face	1175	1	Ant 1	21.0	20.67	1.08	-0.08	0.203	0.22
	CDMA BC1	RTAP 153.6	Left Side	1175	1	Ant 1	21.0	20.67	1.08	-0.02	0.031	0.03
	CDMA BC1	RTAP 153.6	Right Side	1175	1	Ant 1	21.0	20.67	1.08	0.00	<0.001	0.00
	CDMA BC1	RTAP 153.6	Top Side	1175	1	Ant 1	21.0	20.67	1.08	0.05	0.162	0.17
	CDMA BC1	RTAP 153.6	Bottom Side	25	1	Ant 1	25.0	23.93	1.28	-0.16	0.230	0.29
	CDMA BC1	RTAP 153.6	Bottom Side	600	1	Ant 1	25.0	23.91	1.29	0.011	0.245	0.32
WLAN OFF / WLAN ON												
	CDMA BC10	RTAP 153.6	Front Face	580	1	Ant 0	25.5	24.16	1.36	0.05	0.057	0.08
	CDMA BC10	RTAP 153.6	Rear Face	580	1	Ant 0	25.5	24.16	1.36	-0.10	0.072	0.10
	CDMA BC10	RTAP 153.6	Left Side	580	1	Ant 0	25.5	24.16	1.36	-0.12	0.021	0.03
	CDMA BC10	RTAP 153.6	Right Side	580	1	Ant 0	25.5	24.16	1.36	0.00	0.001	0.00
	CDMA BC10	RTAP 153.6	Bottom Side	580	1	Ant 0	25.5	24.16	1.36	0.05	0.091	0.12
	CDMA BC10	RTAP 153.6	Front Face	580	1	Ant 1	25.5	24.16	1.36	0.17	0.115	0.16
	CDMA BC10	RTAP 153.6	Rear Face	580	1	Ant 1	25.5	24.16	1.36	0.08	0.154	0.21
	CDMA BC10	RTAP 153.6	Left Side	580	1	Ant 1	25.5	24.16	1.36	0.10	0.05	0.07
	CDMA BC10	RTAP 153.6	Right Side	580	1	Ant 1	25.5	24.16	1.36	0.07	0.022	0.03
	CDMA BC10	RTAP 153.6	Top Side	580	1	Ant 1	25.5	24.16	1.36	0.13	0.139	0.19
	CDMA BC10	RTAP 153.6	Rear Face	476	1	Ant 1	25.5	24.00	1.41	-0.11	0.152	0.21
33	CDMA BC10	RTAP 153.6	Rear Face	684	1	Ant 1	25.5	24.04	1.40	-0.01	0.157	0.22
	CDMA BC10	RTAP 153.6	Rear Face	684	2	Ant 1	25.5	24.04	1.40	0.05	0.108	0.15

Note: "<<0.001" means there is no SAR value or the SAR is too low to be measured.

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 5	QPSK10M	Front Face	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.03	0.059	0.08
	LTE 5	QPSK10M	Rear Face	20600	1	0	1	Ant 0	25.7	24.52	1.31	-0.05	0.100	0.13
	LTE 5	QPSK10M	Left Side	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.10	0.037	0.05
	LTE 5	QPSK10M	Right Side	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.08	0.037	0.05
	LTE 5	QPSK10M	Bottom Side	20600	1	0	1	Ant 0	25.7	24.52	1.31	0.02	0.026	0.03
	LTE 5	QPSK10M	Front Face	20600	25	0	1	Ant 0	24.7	23.67	1.27	-0.01	0.047	0.06
	LTE 5	QPSK10M	Rear Face	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.06	0.083	0.11
	LTE 5	QPSK10M	Left Side	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.10	0.026	0.03
	LTE 5	QPSK10M	Right Side	20600	25	0	1	Ant 0	24.7	23.67	1.27	-0.04	0.025	0.03
	LTE 5	QPSK10M	Bottom Side	20600	25	0	1	Ant 0	24.7	23.67	1.27	0.06	0.019	0.02
	LTE 5	QPSK10M	Front Face	20600	1	0	1	Ant 1	25.7	24.52	1.31	-0.05	0.169	0.22
	LTE 5	QPSK10M	Rear Face	20600	1	0	1	Ant 1	25.7	24.52	1.31	0.07	0.190	0.25
	LTE 5	QPSK10M	Left Side	20600	1	0	1	Ant 1	25.7	24.52	1.31	0.02	0.076	0.10
	LTE 5	QPSK10M	Right Side	20600	1	0	1	Ant 1	25.7	24.52	1.31	-0.08	0.072	0.09
	LTE 5	QPSK10M	Top Side	20600	1	0	1	Ant 1	25.7	24.52	1.31	0.11	0.141	0.18
	LTE 5	QPSK10M	Front Face	20600	25	0	1	Ant 1	24.7	23.67	1.27	0.03	0.132	0.17
	LTE 5	QPSK10M	Rear Face	20600	25	0	1	Ant 1	24.7	23.67	1.27	-0.05	0.144	0.18
	LTE 5	QPSK10M	Left Side	20600	25	0	1	Ant 1	24.7	23.67	1.27	0.04	0.060	0.08
	LTE 5	QPSK10M	Right Side	20600	25	0	1	Ant 1	24.7	23.67	1.27	-0.08	0.056	0.07
	LTE 5	QPSK10M	Top Side	20600	25	0	1	Ant 1	24.7	23.67	1.27	0.02	0.117	0.15
34	LTE 5	QPSK10M	Rear Face	20450	1	0	1	Ant 1	25.7	24.32	1.37	-0.05	0.196	0.27
	LTE 5	QPSK10M	Rear Face	20525	1	0	1	Ant 1	25.7	24.44	1.34	0.07	0.168	0.23
	LTE 5	QPSK10M	Rear Face	20450	1	0	2	Ant 1	25.7	24.32	1.37	0.12	0.152	0.21

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.05	0.598	0.76
	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 2	24.5	23.45	1.27	-0.03	0.646	0.82
	LTE 7	QPSK20M	Right Side	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.01	0.564	0.72
	LTE 7	QPSK20M	Bottom Side	20850	1	0	1	Ant 2	24.5	23.45	1.27	0.08	0.301	0.38
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.12	0.476	0.60
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.06	0.494	0.62
	LTE 7	QPSK20M	Right Side	20850	50	0	1	Ant 2	23.5	22.53	1.25	0.08	0.401	0.50
	LTE 7	QPSK20M	Bottom Side	20850	50	0	1	Ant 2	23.5	22.53	1.25	-0.11	0.233	0.29
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 3	24.5	23.45	1.27	-0.02	0.334	0.42
35	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 3	24.5	23.45	1.27	0.04	0.661	0.84
	LTE 7	QPSK20M	Left Side	20850	1	0	1	Ant 3	24.5	23.45	1.27	-0.06	0.381	0.48
	LTE 7	QPSK20M	Top Side	20850	1	0	1	Ant 3	24.5	23.45	1.27	0.03	0.124	0.16
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 3	23.5	22.53	1.25	-0.08	0.278	0.35
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 3	23.5	22.53	1.25	0.17	0.553	0.69
	LTE 7	QPSK20M	Left Side	20850	50	0	1	Ant 3	23.5	22.53	1.25	-0.06	0.323	0.40
	LTE 7	QPSK20M	Top Side	20850	50	0	1	Ant 3	23.5	22.53	1.25	0.06	0.101	0.13
	LTE 7	QPSK20M	Rear Face	21100	1	0	1	Ant 2	24.5	23.41	1.29	-0.08	0.586	0.76
	LTE 7	QPSK20M	Rear Face	21350	1	0	1	Ant 2	24.5	23.38	1.29	-0.06	0.573	0.74
	LTE 7	QPSK20M	Rear Face	20850	100	0	1	Ant 2	23.5	22.51	1.26	-0.02	0.441	0.56
	LTE 7	QPSK20M	Rear Face	21100	1	0	1	Ant 3	24.5	23.41	1.29	0.02	0.572	0.74
	LTE 7	QPSK20M	Rear Face	21350	1	0	1	Ant 3	24.5	23.38	1.29	-0.15	0.561	0.72
	LTE 7	QPSK20M	Rear Face	20850	100	0	1	Ant 3	23.5	22.51	1.26	-0.05	0.519	0.65
	LTE 7	QPSK20M	Rear Face	20850	1	0	2	Ant 3	24.5	23.45	1.27	-0.08	0.612	0.78
WLAN ON														
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 2	22.5	21.81	1.17	-0.02	0.291	0.34
	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 2	22.5	21.81	1.17	0.02	0.337	0.39
	LTE 7	QPSK20M	Right Side	20850	1	0	1	Ant 2	22.5	21.81	1.17	0.13	0.311	0.36
	LTE 7	QPSK20M	Bottom Side	20850	1	0	1	Ant 2	22.5	21.81	1.17	0.05	0.166	0.19
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 2	22.5	21.79	1.18	-0.05	0.263	0.31
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 2	22.5	21.79	1.18	-0.09	0.273	0.32
	LTE 7	QPSK20M	Right Side	20850	50	0	1	Ant 2	22.5	21.79	1.18	0.01	0.221	0.26
	LTE 7	QPSK20M	Bottom Side	20850	50	0	1	Ant 2	22.5	21.79	1.18	0.06	0.129	0.15
	LTE 7	QPSK20M	Front Face	20850	1	0	1	Ant 3	22.5	21.81	1.17	-0.11	0.173	0.20
	LTE 7	QPSK20M	Rear Face	20850	1	0	1	Ant 3	22.5	21.81	1.17	0.07	0.332	0.39
	LTE 7	QPSK20M	Left Side	20850	1	0	1	Ant 3	22.5	21.81	1.17	-0.05	0.197	0.23
	LTE 7	QPSK20M	Top Side	20850	1	0	1	Ant 3	22.5	21.81	1.17	0.02	0.065	0.08
	LTE 7	QPSK20M	Front Face	20850	50	0	1	Ant 3	22.5	21.79	1.18	0.06	0.144	0.17
	LTE 7	QPSK20M	Rear Face	20850	50	0	1	Ant 3	22.5	21.79	1.18	-0.02	0.286	0.34
	LTE 7	QPSK20M	Left Side	20850	50	0	1	Ant 3	22.5	21.79	1.18	0.07	0.167	0.20
	LTE 7	QPSK20M	Top Side	20850	50	0	1	Ant 3	22.5	21.79	1.18	0.02	0.052	0.06
	LTE 7	QPSK20M	Rear Face	21100	1	0	1	Ant 2	22.5	21.79	1.18	-0.02	0.311	0.37
	LTE 7	QPSK20M	Rear Face	21350	1	0	1	Ant 2	22.5	21.73	1.19	0.07	0.286	0.34

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 12	QPSK10M	Front Face	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.05	0.072	0.09
	LTE 12	QPSK10M	Rear Face	23060	1	0	1	Ant 0	25.7	24.64	1.28	-0.10	0.102	0.13
	LTE 12	QPSK10M	Left Side	23060	1	0	1	Ant 0	25.7	24.64	1.28	-0.12	0.071	0.09
	LTE 12	QPSK10M	Right Side	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.04	0.060	0.08
	LTE 12	QPSK10M	Bottom Side	23060	1	0	1	Ant 0	25.7	24.64	1.28	0.00	<0.001	0.00
	LTE 12	QPSK10M	Front Face	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.17	0.059	0.07
	LTE 12	QPSK10M	Rear Face	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.08	0.085	0.11
	LTE 12	QPSK10M	Left Side	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.10	0.054	0.07
	LTE 12	QPSK10M	Right Side	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.07	0.051	0.06
	LTE 12	QPSK10M	Bottom Side	23060	25	0	1	Ant 0	24.7	23.67	1.27	0.00	<0.001	0.00
	LTE 12	QPSK10M	Front Face	23060	1	0	1	Ant 1	25.7	24.64	1.28	0.15	0.119	0.15
36	LTE 12	QPSK10M	Rear Face	23060	1	0	1	Ant 1	25.7	24.64	1.28	-0.11	0.159	0.20
	LTE 12	QPSK10M	Left Side	23060	1	0	1	Ant 1	25.7	24.64	1.28	-0.16	0.104	0.13
	LTE 12	QPSK10M	Right Side	23060	1	0	1	Ant 1	25.7	24.64	1.28	-0.19	0.086	0.11
	LTE 12	QPSK10M	Top Side	23060	1	0	1	Ant 1	25.7	24.64	1.28	0.12	0.070	0.09
	LTE 12	QPSK10M	Front Face	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.01	0.091	0.12
	LTE 12	QPSK10M	Rear Face	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.07	0.137	0.17
	LTE 12	QPSK10M	Left Side	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.06	0.073	0.09
	LTE 12	QPSK10M	Right Side	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.04	0.074	0.09
	LTE 12	QPSK10M	Top Side	23060	25	0	1	Ant 1	24.7	23.67	1.27	-0.08	0.062	0.08
	LTE 12	QPSK10M	Rear Face	23095	1	0	1	Ant 1	25.7	24.61	1.29	-0.14	0.148	0.19
	LTE 12	QPSK10M	Rear Face	23130	1	0	1	Ant 1	25.7	24.59	1.29	-0.12	0.147	0.19
	LTE 12	QPSK10M	Rear Face	23060	1	0	2	Ant 1	25.7	24.64	1.28	-0.03	0.121	0.15
WLAN OFF / WLAN ON														
	LTE 13	QPSK10M	Front Face	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.07	0.061	0.08
	LTE 13	QPSK10M	Rear Face	23230	1	24	1	Ant 0	25.3	24.26	1.27	-0.10	0.081	0.10
	LTE 13	QPSK10M	Left Side	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.12	0.041	0.05
	LTE 13	QPSK10M	Right Side	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.18	0.055	0.07
	LTE 13	QPSK10M	Bottom Side	23230	1	24	1	Ant 0	25.3	24.26	1.27	0.00	<0.001	0.00
	LTE 13	QPSK10M	Front Face	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.05	0.051	0.06
	LTE 13	QPSK10M	Rear Face	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.13	0.065	0.08
	LTE 13	QPSK10M	Left Side	23230	25	12	1	Ant 0	24.3	23.29	1.26	-0.07	0.039	0.05
	LTE 13	QPSK10M	Right Side	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.18	0.044	0.06
	LTE 13	QPSK10M	Bottom Side	23230	25	12	1	Ant 0	24.3	23.29	1.26	0.00	<0.001	0.00
	LTE 13	QPSK10M	Front Face	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.13	0.141	0.18
37	LTE 13	QPSK10M	Rear Face	23230	1	24	1	Ant 1	25.3	24.26	1.27	-0.12	0.176	0.22
	LTE 13	QPSK10M	Left Side	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.17	0.096	0.12
	LTE 13	QPSK10M	Right Side	23230	1	24	1	Ant 1	25.3	24.26	1.27	-0.16	0.079	0.10
	LTE 13	QPSK10M	Top Side	23230	1	24	1	Ant 1	25.3	24.26	1.27	0.08	0.099	0.13
	LTE 13	QPSK10M	Front Face	23230	25	12	1	Ant 1	24.3	23.29	1.26	0.18	0.114	0.14
	LTE 13	QPSK10M	Rear Face	23230	25	12	1	Ant 1	24.3	23.29	1.26	0.14	0.157	0.20
	LTE 13	QPSK10M	Left Side	23230	25	12	1	Ant 1	24.3	23.29	1.26	-0.09	0.084	0.11
	LTE 13	QPSK10M	Right Side	23230	25	12	1	Ant 1	24.3	23.29	1.26	0.02	0.057	0.07
	LTE 13	QPSK10M	Top Side	23230	25	12	1	Ant 1	24.3	23.29	1.26	-0.08	0.084	0.11
	LTE 13	QPSK10M	Rear Face	23230	1	24	2	Ant 1	25.3	24.26	1.27	0.12	0.131	0.17

Note: "<0.001" means there is no SAR value or the SAR is too low to be measured.

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 14	QPSK10M	Front Face	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.18	0.054	0.07
	LTE 14	QPSK10M	Rear Face	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.09	0.071	0.09
	LTE 14	QPSK10M	Left Side	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.12	0.049	0.06
	LTE 14	QPSK10M	Right Side	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.03	0.052	0.07
	LTE 14	QPSK10M	Bottom Side	23330	1	24	1	Ant 0	25.5	24.49	1.26	-0.12	0.027	0.03
	LTE 14	QPSK10M	Front Face	23330	25	0	1	Ant 0	24.5	23.49	1.26	-0.18	0.043	0.05
	LTE 14	QPSK10M	Rear Face	23330	25	0	1	Ant 0	24.5	23.49	1.26	-0.07	0.058	0.07
	LTE 14	QPSK10M	Left Side	23330	25	0	1	Ant 0	24.5	23.49	1.26	0.09	0.033	0.04
	LTE 14	QPSK10M	Right Side	23330	25	0	1	Ant 0	24.5	23.49	1.26	-0.13	0.037	0.05
	LTE 14	QPSK10M	Bottom Side	23330	25	0	1	Ant 0	24.5	23.49	1.26	0.00	<0.001	0.00
	LTE 14	QPSK10M	Front Face	23330	1	24	1	Ant 1	25.5	24.49	1.26	-0.01	0.135	0.17
38	LTE 14	QPSK10M	Rear Face	23330	1	24	1	Ant 1	25.5	24.49	1.26	-0.09	0.169	0.21
	LTE 14	QPSK10M	Left Side	23330	1	24	1	Ant 1	25.5	24.49	1.26	0.05	0.088	0.11
	LTE 14	QPSK10M	Right Side	23330	1	24	1	Ant 1	25.5	24.49	1.26	-0.03	0.085	0.11
	LTE 14	QPSK10M	Top Side	23330	1	24	1	Ant 1	25.5	24.49	1.26	0.13	0.111	0.14
	LTE 14	QPSK10M	Front Face	23330	25	0	1	Ant 1	24.5	23.49	1.26	0.07	0.106	0.13
	LTE 14	QPSK10M	Rear Face	23330	25	0	1	Ant 1	24.5	23.49	1.26	-0.02	0.136	0.17
	LTE 14	QPSK10M	Left Side	23330	25	0	1	Ant 1	24.5	23.49	1.26	0.09	0.055	0.07
	LTE 14	QPSK10M	Right Side	23330	25	0	1	Ant 1	24.5	23.49	1.26	0.05	0.048	0.06
	LTE 14	QPSK10M	Top Side	23330	25	0	1	Ant 1	24.5	23.49	1.26	-0.01	0.077	0.10
	LTE 14	QPSK10M	Rear Face	23330	1	24	2	Ant 1	25.5	24.49	1.26	0.07	0.121	0.15

Note: "<0.001" means there is no SAR value or the SAR is too low to be measured.

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.03	0.287	0.36
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	-0.11	0.309	0.39
	LTE 25	QPSK20M	Left Side	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.14	0.111	0.14
	LTE 25	QPSK20M	Right Side	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.02	0.041	0.05
	LTE 25	QPSK20M	Bottom Side	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.10	0.458	0.58
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.11	0.240	0.30
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.15	0.289	0.36
	LTE 25	QPSK20M	Left Side	26590	50	25	1	Ant 0	24.7	23.69	1.26	0.01	0.094	0.12
	LTE 25	QPSK20M	Right Side	26590	50	25	1	Ant 0	24.7	23.69	1.26	0	<0.001	0.00
	LTE 25	QPSK20M	Bottom Side	26590	50	25	1	Ant 0	24.7	23.69	1.26	0.11	0.379	0.48
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 1	25.7	24.69	1.26	0.07	0.680	0.86
39	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 1	25.7	24.69	1.26	-0.06	0.865	1.09
	LTE 25	QPSK20M	Left Side	26590	1	50	1	Ant 1	25.7	24.69	1.26	0.04	0.329	0.41
	LTE 25	QPSK20M	Right Side	26590	1	50	1	Ant 1	25.7	24.69	1.26	-0.12	0.103	0.13
	LTE 25	QPSK20M	Top Side	26590	1	50	1	Ant 1	25.7	24.69	1.26	0.12	0.832	1.05
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 1	24.7	23.69	1.26	0.10	0.551	0.69
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 1	24.7	23.69	1.26	0.05	0.769	0.97
	LTE 25	QPSK20M	Left Side	26590	50	25	1	Ant 1	24.7	23.69	1.26	-0.02	0.268	0.34
	LTE 25	QPSK20M	Right Side	26590	50	25	1	Ant 1	24.7	23.69	1.26	0.07	0.079	0.10
	LTE 25	QPSK20M	Top Side	26590	50	25	1	Ant 1	24.7	23.69	1.26	0.13	0.629	0.79
	LTE 25	QPSK20M	Front Face	26140	1	50	1	Ant 1	25.7	24.66	1.27	-0.12	0.658	0.84
	LTE 25	QPSK20M	Front Face	26365	1	50	1	Ant 1	25.7	24.62	1.28	0.06	0.641	0.82
	LTE 25	QPSK20M	Rear Face	26140	1	50	1	Ant 1	25.7	24.66	1.27	-0.08	0.853	1.08
	LTE 25	QPSK20M	Rear Face	26365	1	50	1	Ant 1	25.7	24.62	1.28	-0.02	0.841	1.08
	LTE 25	QPSK20M	Top Side	26140	1	50	1	Ant 1	25.7	24.66	1.27	-0.02	0.729	0.93
	LTE 25	QPSK20M	Top Side	26365	1	50	1	Ant 1	25.7	24.62	1.28	-0.12	0.711	0.91
	LTE 25	QPSK20M	Rear Face	26140	50	25	1	Ant 1	24.7	23.67	1.27	-0.09	0.730	0.93
	LTE 25	QPSK20M	Rear Face	26365	50	25	1	Ant 1	24.7	23.66	1.27	0.19	0.771	0.98
	LTE 25	QPSK20M	Front Face	26590	100	0	1	Ant 1	24.7	23.68	1.26	0.03	0.535	0.67
	LTE 25	QPSK20M	Rear Face	26590	100	0	1	Ant 1	24.7	23.68	1.26	-0.16	0.761	0.96
	LTE 25	QPSK20M	Top Side	26590	100	0	1	Ant 1	24.7	23.68	1.26	0.19	0.595	0.75
	LTE 25	QPSK20M	Rear Face	26590	1	50	2	Ant 1	25.7	24.69	1.26	0.11	0.795	1.00
	LTE 25	QPSK20M	Rear Face	26140	1	50	2	Ant 1	25.7	24.66	1.27	-0.08	0.752	0.96
	LTE 25	QPSK20M	Rear Face	26365	1	50	2	Ant 1	25.7	24.62	1.28	0.14	0.768	0.98
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 1	25.7	24.69	1.26	-0.02	0.851	1.07
WLAN ON														
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.03	0.287	0.36
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 0	25.7	24.69	1.26	-0.11	0.309	0.39
	LTE 25	QPSK20M	Left Side	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.14	0.111	0.14
	LTE 25	QPSK20M	Right Side	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.02	0.041	0.05
	LTE 25	QPSK20M	Bottom Side	26590	1	50	1	Ant 0	25.7	24.69	1.26	0.10	0.458	0.58
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.11	0.240	0.30
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 0	24.7	23.69	1.26	-0.15	0.289	0.36
	LTE 25	QPSK20M	Left Side	26590	50	25	1	Ant 0	24.7	23.69	1.26	0.01	0.094	0.12
	LTE 25	QPSK20M	Right Side	26590	50	25	1	Ant 0	24.7	23.69	1.26	0	<0.001	0.00
	LTE 25	QPSK20M	Bottom Side	26590	50	25	1	Ant 0	24.7	23.69	1.26	0.11	0.379	0.48
	LTE 25	QPSK20M	Front Face	26590	1	50	1	Ant 1	20.7	19.77	1.24	-0.01	0.223	0.28
	LTE 25	QPSK20M	Rear Face	26590	1	50	1	Ant 1	20.7	19.77	1.24	0.05	0.28	0.35
	LTE 25	QPSK20M	Left Side	26590	1	50	1	Ant 1	20.7	19.77	1.24	-0.03	0.108	0.13
	LTE 25	QPSK20M	Right Side	26590	1	50	1	Ant 1	20.7	19.77	1.24	0.09	0.031	0.04
	LTE 25	QPSK20M	Top Side	26590	1	50	1	Ant 1	20.7	19.77	1.24	0.06	0.273	0.34
	LTE 25	QPSK20M	Front Face	26590	50	25	1	Ant 1	20.7	19.74	1.25	-0.13	0.195	0.24
	LTE 25	QPSK20M	Rear Face	26590	50	25	1	Ant 1	20.7	19.74	1.25	0.07	0.260	0.33
	LTE 25	QPSK20M	Left Side	26590	50	25	1	Ant 1	20.7	19.74	1.25	-0.02	0.096	0.12
	LTE 25	QPSK20M	Right Side	26590	50	25	1	Ant 1	20.7	19.74	1.25	-0.05	0.026	0.03
	LTE 25	QPSK20M	Top Side	26590	50	25	1	Ant 1	20.7	19.74	1.25	0.01	0.233	0.29
	LTE 25	QPSK20M	Bottom Side	26140	1	50	1	Ant 0	25.7	24.66	1.27	0.04	0.421	0.53
	LTE 25	QPSK20M	Bottom Side	26365	1	50	1	Ant 0	25.7	24.62	1.28	0.01	0.403	0.52

Note: “<0.001” means there is no SAR value or the SAR is too low to be measured.

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 26	QPSK15M	Front Face	26965	1	74	1	Ant 0	25.7	24.69	1.26	-0.08	0.058	0.07
	LTE 26	QPSK15M	Rear Face	26965	1	74	1	Ant 0	25.7	24.69	1.26	0.17	0.091	0.11
	LTE 26	QPSK15M	Left Side	26965	1	74	1	Ant 0	25.7	24.69	1.26	-0.08	0.040	0.05
	LTE 26	QPSK15M	Right Side	26965	1	74	1	Ant 0	25.7	24.69	1.26	0.18	0.036	0.05
	LTE 26	QPSK15M	Bottom Side	26965	1	74	1	Ant 0	25.7	24.69	1.26	0.03	0.023	0.03
	LTE 26	QPSK15M	Front Face	26965	36	39	1	Ant 0	24.7	23.68	1.26	0.00	0.052	0.07
	LTE 26	QPSK15M	Rear Face	26965	36	39	1	Ant 0	24.7	23.68	1.26	0.14	0.087	0.11
	LTE 26	QPSK15M	Left Side	26965	36	39	1	Ant 0	24.7	23.68	1.26	-0.06	0.033	0.04
	LTE 26	QPSK15M	Right Side	26965	36	39	1	Ant 0	24.7	23.68	1.26	-0.02	0.027	0.03
	LTE 26	QPSK15M	Bottom Side	26965	36	39	1	Ant 0	24.7	23.68	1.26	-0.12	0.021	0.03
	LTE 26	QPSK15M	Front Face	26965	1	74	1	Ant 1	25.7	24.69	1.26	0.14	0.127	0.16
	LTE 26	QPSK15M	Rear Face	26965	1	74	1	Ant 1	25.7	24.69	1.26	-0.17	0.156	0.20
	LTE 26	QPSK15M	Left Side	26965	1	74	1	Ant 1	25.7	24.69	1.26	-0.02	0.071	0.09
	LTE 26	QPSK15M	Right Side	26965	1	74	1	Ant 1	25.7	24.69	1.26	-0.15	0.036	0.05
	LTE 26	QPSK15M	Top Side	26965	1	74	1	Ant 1	25.7	24.69	1.26	-0.03	0.124	0.16
	LTE 26	QPSK15M	Front Face	26965	36	39	1	Ant 1	24.7	23.68	1.26	0.06	0.101	0.13
	LTE 26	QPSK15M	Rear Face	26965	36	39	1	Ant 1	24.7	23.68	1.26	-0.04	0.135	0.17
	LTE 26	QPSK15M	Left Side	26965	36	39	1	Ant 1	24.7	23.68	1.26	0.18	0.050	0.06
	LTE 26	QPSK15M	Right Side	26965	36	39	1	Ant 1	24.7	23.68	1.26	0.02	0.031	0.04
	LTE 26	QPSK15M	Top Side	26965	36	39	1	Ant 1	24.7	23.68	1.26	-0.02	0.085	0.11
40	LTE 26	QPSK15M	Rear Face	26765	1	74	1	Ant 1	25.7	24.28	1.39	-0.05	0.176	0.24
	LTE 26	QPSK15M	Rear Face	26865	1	74	1	Ant 1	25.7	24.57	1.30	0.01	0.165	0.21
	LTE 26	QPSK15M	Rear Face	26765	1	74	2	Ant 1	25.7	24.28	1.39	-0.11	0.124	0.17

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 2	25.7	24.68	1.26	0.05	0.641	0.81
	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 2	25.7	24.68	1.26	-0.09	0.706	0.89
52	LTE 30	QPSK10M	Right Side	27710	1	0	1	Ant 2	25.7	24.68	1.26	-0.12	0.720	0.91
	LTE 30	QPSK10M	Bottom Side	27710	1	0	1	Ant 2	25.7	24.68	1.26	0.01	0.234	0.29
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.07	0.513	0.65
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.02	0.616	0.78
	LTE 30	QPSK10M	Right Side	27710	25	0	1	Ant 2	24.7	23.69	1.26	-0.05	0.678	0.85
	LTE 30	QPSK10M	Bottom Side	27710	25	0	1	Ant 2	24.7	23.69	1.26	0.13	0.146	0.18
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.06	0.134	0.17
	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	-0.01	0.312	0.39
	LTE 30	QPSK10M	Left Side	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.03	0.160	0.20
	LTE 30	QPSK10M	Top Side	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.12	0.046	0.06
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.05	0.118	0.15
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	-0.07	0.267	0.34
	LTE 30	QPSK10M	Left Side	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.02	0.154	0.19
	LTE 30	QPSK10M	Top Side	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.03	0.037	0.05
	LTE 30	QPSK10M	Front Face	27710	50	0	1	Ant 2	24.7	23.66	1.27	0.01	0.509	0.65
	LTE 30	QPSK10M	Rear Face	27710	50	0	1	Ant 2	24.7	23.66	1.27	0.05	0.581	0.74
	LTE 30	QPSK10M	Right Side	27710	50	0	1	Ant 2	24.7	23.66	1.27	-0.02	0.644	0.82
	LTE 30	QPSK10M	Right Side	27710	1	0	2	Ant 2	25.7	24.68	1.26	0.01	0.615	0.77
WLAN ON														
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 2	21.7	21.11	1.15	0.01	0.227	0.26
	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 2	21.7	21.11	1.15	-0.08	0.251	0.29
	LTE 30	QPSK10M	Right Side	27710	1	0	1	Ant 2	21.7	21.11	1.15	0.08	0.255	0.29
	LTE 30	QPSK10M	Bottom Side	27710	1	0	1	Ant 2	21.7	21.11	1.15	0.13	0.083	0.10
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 2	21.7	21.09	1.15	0.05	0.182	0.21
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 2	21.7	21.09	1.15	-0.02	0.218	0.25
	LTE 30	QPSK10M	Right Side	27710	25	0	1	Ant 2	21.7	21.09	1.15	0.09	0.240	0.28
	LTE 30	QPSK10M	Bottom Side	27710	25	0	1	Ant 2	21.7	21.09	1.15	0.13	0.052	0.06
	LTE 30	QPSK10M	Front Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.06	0.134	0.17
	LTE 30	QPSK10M	Rear Face	27710	1	0	1	Ant 3	25.7	24.68	1.26	-0.01	0.312	0.39
	LTE 30	QPSK10M	Left Side	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.03	0.160	0.20
	LTE 30	QPSK10M	Top Side	27710	1	0	1	Ant 3	25.7	24.68	1.26	0.12	0.046	0.06
	LTE 30	QPSK10M	Front Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.05	0.118	0.15
	LTE 30	QPSK10M	Rear Face	27710	25	0	1	Ant 3	24.7	23.69	1.26	-0.07	0.267	0.34
	LTE 30	QPSK10M	Left Side	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.02	0.154	0.19
	LTE 30	QPSK10M	Top Side	27710	25	0	1	Ant 3	24.7	23.69	1.26	0.03	0.037	0.05

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF														
42	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 2	25.7	24.69	1.26	-0.03	0.419	0.53
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 2	25.7	24.69	1.26	0.05	0.391	0.49
	LTE 38	QPSK20M	Right Side	38000	1	99	1	Ant 2	25.7	24.69	1.26	-0.09	0.286	0.36
	LTE 38	QPSK20M	Bottom Side	38000	1	99	1	Ant 2	25.7	24.69	1.26	-0.12	0.192	0.24
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 2	24.7	23.68	1.26	0.01	0.316	0.40
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 2	24.7	23.68	1.26	0.07	0.302	0.38
	LTE 38	QPSK20M	Right Side	38000	50	50	1	Ant 2	24.7	23.68	1.26	0.02	0.238	0.30
	LTE 38	QPSK20M	Bottom Side	38000	50	50	1	Ant 2	24.7	23.68	1.26	-0.05	0.154	0.19
	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 3	25.7	24.69	1.26	0.13	0.168	0.21
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 3	25.7	24.69	1.26	0.06	0.353	0.44
	LTE 38	QPSK20M	Left Side	38000	1	99	1	Ant 3	25.7	24.69	1.26	-0.01	0.257	0.32
	LTE 38	QPSK20M	Top Side	38000	1	99	1	Ant 3	25.7	24.69	1.26	0.16	0.053	0.07
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.16	0.128	0.16
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.07	0.258	0.33
	LTE 38	QPSK20M	Left Side	38000	50	50	1	Ant 3	24.7	23.68	1.26	0.01	0.205	0.26
	LTE 38	QPSK20M	Top Side	38000	50	50	1	Ant 3	24.7	23.68	1.26	-0.04	0.051	0.06
	LTE 38	QPSK20M	Front Face	37850	1	99	1	Ant 2	25.7	24.68	1.26	-0.01	0.368	0.46
	LTE 38	QPSK20M	Front Face	38150	1	99	1	Ant 2	25.7	24.65	1.27	-0.18	0.357	0.45
	LTE 38	QPSK20M	Front Face	38000	1	99	2	Ant 2	25.7	24.69	1.26	0.12	0.375	0.47
WLAN ON														
	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 2	22.7	21.99	1.18	0.07	0.175	0.21
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 2	22.7	21.99	1.18	0.05	0.163	0.19
	LTE 38	QPSK20M	Right Side	38000	1	99	1	Ant 2	22.7	21.99	1.18	0.09	0.120	0.14
	LTE 38	QPSK20M	Bottom Side	38000	1	99	1	Ant 2	22.7	21.99	1.18	0.13	0.080	0.09
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 2	22.7	21.98	1.18	0.07	0.132	0.16
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 2	22.7	21.98	1.18	-0.02	0.126	0.15
	LTE 38	QPSK20M	Right Side	38000	50	50	1	Ant 2	22.7	21.98	1.18	0.06	0.099	0.12
	LTE 38	QPSK20M	Bottom Side	38000	50	50	1	Ant 2	22.7	21.98	1.18	-0.05	0.065	0.08
	LTE 38	QPSK20M	Front Face	38000	1	99	1	Ant 3	22.7	21.99	1.18	0.01	0.065	0.08
	LTE 38	QPSK20M	Rear Face	38000	1	99	1	Ant 3	22.7	21.99	1.18	0.09	0.136	0.16
	LTE 38	QPSK20M	Left Side	38000	1	99	1	Ant 3	22.7	21.99	1.18	-0.07	0.099	0.12
	LTE 38	QPSK20M	Top Side	38000	1	99	1	Ant 3	22.7	21.99	1.18	0.11	0.021	0.02
	LTE 38	QPSK20M	Front Face	38000	50	50	1	Ant 3	22.7	21.98	1.18	-0.06	0.049	0.06
	LTE 38	QPSK20M	Rear Face	38000	50	50	1	Ant 3	22.7	21.98	1.18	-0.02	0.099	0.12
	LTE 38	QPSK20M	Left Side	38000	50	50	1	Ant 3	22.7	21.98	1.18	0.07	0.079	0.09
	LTE 38	QPSK20M	Top Side	38000	50	50	1	Ant 3	22.7	21.98	1.18	0.03	0.020	0.02
	LTE 38	QPSK20M	Front Face	37850	1	99	1	Ant 2	22.7	21.97	1.18	-0.08	0.161	0.19
	LTE 38	QPSK20M	Front Face	38150	1	99	1	Ant 2	22.7	21.95	1.19	0.12	0.149	0.18

FCC SAR Test Report

Plot No.	Band	Mode	Test Position	Ch.	RB#	RB Offset	EUT Config.	Tx Antenna	Uplink Downlink Config.	Special Subframe Config.	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON																
	LTE 41	QPSK20M	Front Face	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.09	0.326	0.41
	LTE 41	QPSK20M	Rear Face	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	-0.12	0.312	0.39
	LTE 41	QPSK20M	Right Side	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	0.01	0.232	0.29
	LTE 41	QPSK20M	Bottom Side	40620	1	0	1	Ant 2	0	5	25.0	23.98	1.26	0.07	0.151	0.19
	LTE 41	QPSK20M	Front Face	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	0.02	0.279	0.35
	LTE 41	QPSK20M	Rear Face	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	-0.05	0.269	0.34
	LTE 41	QPSK20M	Right Side	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	0.13	0.197	0.25
	LTE 41	QPSK20M	Bottom Side	40185	50	0	1	Ant 2	0	5	24.0	22.99	1.26	0.06	0.121	0.15
	LTE 41	QPSK20M	Front Face	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	-0.01	0.152	0.19
	LTE 41	QPSK20M	Rear Face	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	0.16	0.293	0.37
	LTE 41	QPSK20M	Left Side	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	0.16	0.232	0.29
	LTE 41	QPSK20M	Top Side	40620	1	0	1	Ant 3	0	5	25.0	23.98	1.26	0.07	0.050	0.06
	LTE 41	QPSK20M	Front Face	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	0.01	0.106	0.13
	LTE 41	QPSK20M	Rear Face	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	-0.04	0.207	0.26
	LTE 41	QPSK20M	Left Side	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	-0.01	0.160	0.20
	LTE 41	QPSK20M	Top Side	40185	50	0	1	Ant 3	0	5	24.0	22.99	1.26	-0.18	0.028	0.04
	LTE 41	QPSK20M	Front Face	39750	1	0	1	Ant 2	0	5	25.0	23.94	1.28	0.05	0.385	0.49
	LTE 41	QPSK20M	Front Face	40185	1	0	1	Ant 2	0	5	25.0	23.95	1.27	-0.13	0.335	0.43
43	LTE 41	QPSK20M	Front Face	41055	1	0	1	Ant 2	0	5	25.0	23.88	1.29	-0.03	0.394	0.51
	LTE 41	QPSK20M	Front Face	41490	1	0	1	Ant 2	0	5	25.0	23.87	1.30	0.06	0.329	0.43
	LTE 41 (HPUE)	QPSK20M	Front Face	41055	1	0	1	Ant 2	1	5	26.5	25.75	1.19	-0.12	0.388	0.46
	LTE 41 (HPUE)	QPSK20M	Front Face	39750	1	0	1	Ant 2	1	5	26.5	25.67	1.21	-0.02	0.383	0.46
	LTE 41 (HPUE)	QPSK20M	Front Face	40185	1	0	1	Ant 2	1	5	26.5	25.64	1.22	-0.09	0.351	0.43
	LTE 41 (HPUE)	QPSK20M	Front Face	40620	1	0	1	Ant 2	1	5	26.5	25.56	1.24	0.17	0.372	0.46
	LTE 41 (HPUE)	QPSK20M	Front Face	41490	1	0	1	Ant 2	1	5	26.5	25.58	1.24	0.12	0.369	0.46
	LTE 41	QPSK20M	Front Face	41055	1	0	2	Ant 2	0	5	25.0	23.88	1.29	0.08	0.319	0.41

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Plot No.	Band	Mode	Test Position	RB#	RB Offset	Ch.	EUT Config.	Tx Antenna	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WLAN OFF / WLAN ON														
	LTE 66	QPSK20M	Front Face	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.02	0.067	0.08
	LTE 66	QPSK20M	Rear Face	132572	1	0	1	Ant 0	24.5	23.76	1.19	-0.05	0.098	0.12
	LTE 66	QPSK20M	Left Side	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.13	0.02	0.02
	LTE 66	QPSK20M	Right Side	132572	1	0	1	Ant 0	24.5	23.76	1.19	0.00	<0.001	0.00
	LTE 66	QPSK20M	Bottom Side	132572	1	0	1	Ant 0	24.5	23.76	1.19	-0.01	0.139	0.17
	LTE 66	QPSK20M	Front Face	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.03	0.052	0.06
	LTE 66	QPSK20M	Rear Face	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.12	0.075	0.09
	LTE 66	QPSK20M	Left Side	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.05	0.018	0.02
	LTE 66	QPSK20M	Right Side	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.00	<0.001	0.00
	LTE 66	QPSK20M	Bottom Side	132572	50	0	1	Ant 0	23.5	22.65	1.22	0.02	0.108	0.13
	LTE 66	QPSK20M	Front Face	132572	1	0	1	Ant 1	24.5	23.76	1.19	0.03	0.108	0.13
44	LTE 66	QPSK20M	Rear Face	132572	1	0	1	Ant 1	24.5	23.76	1.19	0.04	0.143	0.17
	LTE 66	QPSK20M	Left Side	132572	1	0	1	Ant 1	24.5	23.76	1.19	-0.15	0.049	0.06
	LTE 66	QPSK20M	Right Side	132572	1	0	1	Ant 1	24.5	23.76	1.19	-0.03	0.017	0.02
	LTE 66	QPSK20M	Top Side	132572	1	0	1	Ant 1	24.5	23.76	1.19	0.06	0.118	0.14
	LTE 66	QPSK20M	Front Face	132572	50	0	1	Ant 1	23.5	22.65	1.22	-0.04	0.09	0.11
	LTE 66	QPSK20M	Rear Face	132572	50	0	1	Ant 1	23.5	22.65	1.22	0.18	0.126	0.15
	LTE 66	QPSK20M	Left Side	132572	50	0	1	Ant 1	23.5	22.65	1.22	0.02	0.039	0.05
	LTE 66	QPSK20M	Right Side	132572	50	0	1	Ant 1	23.5	22.65	1.22	-0.02	0.014	0.02
	LTE 66	QPSK20M	Top Side	132572	50	0	1	Ant 1	23.5	22.65	1.22	0.03	0.117	0.14
	LTE 66	QPSK20M	Rear Face	132072	1	0	1	Ant 1	24.5	23.61	1.23	0.11	0.115	0.14
	LTE 66	QPSK20M	Rear Face	132322	1	0	1	Ant 1	24.5	23.72	1.20	-0.08	0.124	0.15
	LTE 66	QPSK20M	Rear Face	132572	1	0	2	Ant 1	24.5	23.76	1.19	0.11	0.121	0.14
WLAN OFF / WLAN ON														
	LTE 71	QPSK20M	Front Face	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.02	0.034	0.04
	LTE 71	QPSK20M	Rear Face	133297	1	0	1	Ant 0	24.6	23.51	1.29	-0.05	0.057	0.07
	LTE 71	QPSK20M	Left Side	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.03	0.029	0.04
	LTE 71	QPSK20M	Right Side	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.00	<0.001	0.00
	LTE 71	QPSK20M	Bottom Side	133297	1	0	1	Ant 0	24.6	23.51	1.29	0.00	<0.001	0.00
	LTE 71	QPSK20M	Front Face	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Rear Face	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.11	0.043	0.05
	LTE 71	QPSK20M	Left Side	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Right Side	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Bottom Side	133297	50	0	1	Ant 0	23.6	22.57	1.27	0.00	<0.001	0.00
	LTE 71	QPSK20M	Front Face	133297	1	0	1	Ant 1	24.6	23.51	1.29	-0.03	0.115	0.15
45	LTE 71	QPSK20M	Rear Face	133297	1	0	1	Ant 1	24.6	23.51	1.29	-0.02	0.165	0.21
	LTE 71	QPSK20M	Left Side	133297	1	0	1	Ant 1	24.6	23.51	1.29	0.16	0.072	0.09
	LTE 71	QPSK20M	Right Side	133297	1	0	1	Ant 1	24.6	23.51	1.29	0.16	0.035	0.05
	LTE 71	QPSK20M	Top Side	133297	1	0	1	Ant 1	24.6	23.51	1.29	0.16	0.084	0.11
	LTE 71	QPSK20M	Front Face	133297	50	0	1	Ant 1	23.6	22.57	1.27	0.07	0.092	0.12
	LTE 71	QPSK20M	Rear Face	133297	50	0	1	Ant 1	23.6	22.57	1.27	0.01	0.145	0.18
	LTE 71	QPSK20M	Left Side	133297	50	0	1	Ant 1	23.6	22.57	1.27	-0.04	0.056	0.07
	LTE 71	QPSK20M	Right Side	133297	50	0	1	Ant 1	23.6	22.57	1.27	-0.01	0.034	0.04
	LTE 71	QPSK20M	Top Side	133297	50	0	1	Ant 1	23.6	22.57	1.27	-0.18	0.060	0.08
	LTE 71	QPSK20M	Rear Face	133222	1	0	1	Ant 1	24.6	23.45	1.30	-0.09	0.151	0.20
	LTE 71	QPSK20M	Rear Face	133372	1	0	1	Ant 1	24.6	23.44	1.31	-0.09	0.149	0.20
	LTE 71	QPSK20M	Rear Face	133297	1	0	2	Ant 1	24.6	23.51	1.29	0.13	0.132	0.17

Note: "<0.001" means there is no SAR value or the SAR is too low to be measured.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN2.4G	802.11b	Front Face	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	0.01	0.259	0.27
	WLAN2.4G	802.11b	Rear Face	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	0.18	0.438	0.46
	WLAN2.4G	802.11b	Right Side	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	0.04	0.186	0.20
	WLAN2.4G	802.11b	Top Side	1	1	Ant 0	98.89	1.01	18.0	17.80	1.05	-0.07	0.251	0.27
	WLAN2.4G	802.11b	Front Face	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	-0.07	0.173	0.19
	WLAN2.4G	802.11b	Rear Face	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	-0.07	0.445	0.48
	WLAN2.4G	802.11b	Right Side	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	0.1	0.381	0.41
	WLAN2.4G	802.11b	Top Side	6	1	Ant 1	99.11	1.01	18.0	17.74	1.06	-0.12	0.056	0.06
	WLAN2.4G	802.11b	Front Face	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	-0.16	0.272	0.30
					1	2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	-0.16		
46	WLAN2.4G	802.11b	Rear Face	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	-0.08	0.94	1.03
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	-0.08		
	WLAN2.4G	802.11b	Right Side	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	0.17	0.629	0.69
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	0.17		
	WLAN2.4G	802.11b	Top Side	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	0.05	0.124	0.14
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	0.05		
	WLAN2.4G	802.11b	Rear Face	1	1	2Tx Ant 0	98.89	1.01	18.0	17.81	1.04	-0.04	0.547	0.60
						2Tx Ant 1	98.89	1.01	18.0	17.62	1.09	-0.04		
	WLAN2.4G	802.11b	Rear Face	11	1	2Tx Ant 0	98.89	1.01	16.5	16.46	1.01	-0.18	0.733	0.75
						2Tx Ant 1	98.89	1.01	16.5	16.48	1.00	-0.18		
	WLAN2.4G	802.11b	Rear Face	12	1	2Tx Ant 0	98.89	1.01	15.0	14.96	1.01	0.01	0.824	0.84
						2Tx Ant 1	98.89	1.01	15.0	14.98	1.00	0.01		
	WLAN2.4G	802.11b	Rear Face	13	1	2Tx Ant 0	98.89	1.01	8.0	7.82	1.04	0.06	0.234	0.25
						2Tx Ant 1	98.89	1.01	8.0	7.86	1.03	0.06		
	WLAN2.4G	802.11b	Rear Face	6	2	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	0.05	0.895	0.98
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	0.05		
	WLAN2.4G	802.11b	Rear Face	1	2	2Tx Ant 0	98.89	1.01	18.0	17.81	1.04	-0.08	0.812	0.89
						2Tx Ant 1	98.89	1.01	18.0	17.62	1.09	-0.08		
	WLAN2.4G	802.11b	Rear Face	6	1	2Tx Ant 0	98.89	1.01	18.0	17.79	1.05	-0.05	0.921	1.00
						2Tx Ant 1	98.89	1.01	18.0	17.67	1.08	-0.05		

Note: Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.2G	802.11n HT40	Front Face	46	1	Ant 0	95.44	1.05	17.5	17.21	1.07	0.12	0.443	0.50
	WLAN5.2G	802.11n HT40	Rear Face	46	1	Ant 0	95.44	1.05	17.5	17.21	1.07	-0.13	0.329	0.37
	WLAN5.2G	802.11n HT40	Right Side	46	1	Ant 0	95.44	1.05	17.5	17.21	1.07	-0.05	0.271	0.30
	WLAN5.2G	802.11n HT40	Top Side	46	1	Ant 0	95.44	1.05	17.5	17.21	1.07	0.09	0.425	0.48
	WLAN5.2G	802.11n HT40	Front Face	46	1	Ant 1	95.34	1.05	17.5	17.37	1.03	0.09	0.155	0.17
47	WLAN5.2G	802.11n HT40	Rear Face	46	1	Ant 1	95.34	1.05	17.5	17.37	1.03	0.06	0.602	0.65
	WLAN5.2G	802.11n HT40	Right Side	46	1	Ant 1	95.34	1.05	17.5	17.37	1.03	-0.1	0.540	0.58
	WLAN5.2G	802.11n HT40	Top Side	46	1	Ant 1	95.34	1.05	17.5	17.37	1.03	0	<0.001	0.00
	WLAN5.2G	802.11n HT40	Front Face	46	1	2Tx Ant 0	95.44	1.05	17.5	17.30	1.05	-0.12	0.292	0.32
						2Tx Ant 1	95.44	1.05	17.5	17.39	1.03	-0.12		
	WLAN5.2G	802.11n HT40	Rear Face	46	1	2Tx Ant 0	95.44	1.05	17.5	17.30	1.05	0.05	0.525	0.58
						2Tx Ant 1	95.44	1.05	17.5	17.39	1.03	0.05		
	WLAN5.2G	802.11n HT40	Right Side	46	1	2Tx Ant 0	95.44	1.05	17.5	17.30	1.05	-0.02	0.453	0.50
						2Tx Ant 1	95.44	1.05	17.5	17.39	1.03	-0.02		
	WLAN5.2G	802.11n HT40	Top Side	46	1	2Tx Ant 0	95.44	1.05	17.5	17.30	1.05	-0.04	0.23	0.25
						2Tx Ant 1	95.44	1.05	17.5	17.39	1.03	-0.04		
	WLAN5.2G	802.11n HT40	Rear Face	38	1	Ant 1	95.34	1.05	12.5	12.35	1.04	0.03	0.221	0.24
	WLAN5.2G	802.11n HT40	Rear Face	46	2	Ant 1	95.34	1.05	17.5	17.37	1.03	0.03	0.564	0.61

Note:

1. "<0.001" means there is no SAR value or the SAR is too low to be measured.
2. Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.8G	802.11ac VHT80	Front Face	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	0.11	0.197	0.22
	WLAN5.8G	802.11ac VHT80	Rear Face	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Right Side	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	0.17	0.184	0.21
	WLAN5.8G	802.11ac VHT80	Top Side	155	1	Ant 0	91.65	1.09	17.5	17.31	1.04	-0.04	0.119	0.13
	WLAN5.8G	802.11ac VHT80	Front Face	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Rear Face	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	-0.06	0.340	0.39
	WLAN5.8G	802.11ac VHT80	Right Side	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	-0.15	0.375	0.43
	WLAN5.8G	802.11ac VHT80	Top Side	155	1	Ant 1	92.23	1.08	17.5	17.23	1.06	0	<0.001	0.00
	WLAN5.8G	802.11ac VHT80	Front Face	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.05	0.237	0.27
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.05		
	WLAN5.8G	802.11ac VHT80	Rear Face	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.03	0.358	0.41
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.03		
53	WLAN5.8G	802.11ac VHT80	Right Side	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	-0.06	0.452	0.52
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	-0.06		
	WLAN5.8G	802.11ac VHT80	Top Side	155	1	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.06	0.184	0.21
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.06		
	WLAN5.8G	802.11ac VHT80	Right Side	155	2	2Tx Ant 0	91.65	1.09	17.5	17.34	1.04	0.05	0.412	0.47
						2Tx Ant 1	91.65	1.09	17.5	17.27	1.05	0.05		
WWAN ON / WWAN OFF														
	BT	BDR	Front Face	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.15	0.030	0.05
51	BT	BDR	Rear Face	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.11	0.050	0.09
	BT	BDR	Right Side	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	0.19	0.021	0.04
	BT	BDR	Top Side	0	1	Ant 0	75.33	1.33	18.0	16.90	1.29	0.17	0.029	0.05
	BT	BDR	Rear Face	39	1	Ant 0	75.33	1.33	18.0	16.83	1.31	0.04	0.048	0.08
	BT	BDR	Rear Face	78	1	Ant 0	75.33	1.33	18.0	16.05	1.57	0.06	0.045	0.09
	BT	BDR	Rear Face	0	2	Ant 0	75.33	1.33	18.0	16.90	1.29	-0.08	0.032	0.05

Note:

1. "<0.001" means there is no SAR value or the SAR is too low to be measured.
2. Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

FCC SAR Test Report

4.7.5 SAR Results for Product Specific (Phablet) Exposure Condition (Test Separation Distance is 0 mm)

Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-10g (W/kg)	Scaled SAR-10g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.3G	802.11n HT40	Front Face	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	0.16	0.600	0.66
	WLAN5.3G	802.11n HT40	Rear Face	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	0.16	0.619	0.68
	WLAN5.3G	802.11n HT40	Right Side	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	-0.09	0.308	0.34
	WLAN5.3G	802.11n HT40	Top Side	54	1	Ant 0	95.44	1.05	17.5	17.33	1.04	0.1	0.681	0.74
	WLAN5.3G	802.11n HT40	Front Face	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	0.18	0.608	0.68
54	WLAN5.3G	802.11n HT40	Rear Face	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	-0.09	2.33	2.59
	WLAN5.3G	802.11n HT40	Right Side	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	0.18	2.010	2.24
	WLAN5.3G	802.11n HT40	Top Side	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	-0.17	0.142	0.16
	WLAN5.3G	802.11n HT40	Front Face	54	1	2Tx Ant 0	95.44	1.05	17.5	17.35	1.04	0.05	0.776	0.85
						2Tx Ant 1	95.44	1.05	17.5	17.32	1.04	0.05		
	WLAN5.3G	802.11n HT40	Rear Face	54	1	2Tx Ant 0	95.44	1.05	17.5	17.35	1.04	0.05	1.78	1.94
						2Tx Ant 1	95.44	1.05	17.5	17.32	1.04	0.05		
	WLAN5.3G	802.11n HT40	Right Side	54	1	2Tx Ant 0	95.44	1.05	17.5	17.35	1.04	0.07	1.51	1.65
						2Tx Ant 1	95.44	1.05	17.5	17.32	1.04	0.07		
	WLAN5.3G	802.11n HT40	Top Side	54	1	2Tx Ant 0	95.44	1.05	17.5	17.35	1.04	0.05	0.789	0.86
						2Tx Ant 1	95.44	1.05	17.5	17.32	1.04	0.05		
	WLAN5.3G	802.11n HT40	Rear Face	62	1	Ant 1	95.34	1.05	13.5	13.21	1.07	-0.09	1.02	1.15
	WLAN5.3G	802.11n HT40	Right Side	62	1	Ant 1	95.34	1.05	13.5	13.21	1.07	0.18	0.897	1.01
	WLAN5.3G	802.11n HT40	Rear Face	54	2	Ant 1	95.34	1.05	17.5	17.26	1.06	0.12	2.01	2.24
	WLAN5.3G	802.11n HT40	Rear Face	62	2	Ant 1	95.34	1.05	13.5	13.21	1.07	0.12	0.85	0.95
	WLAN5.3G	802.11n HT40	Rear Face	54	1	Ant 1	95.34	1.05	17.5	17.26	1.06	0.02	2.29	2.55

Note: Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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Plot No.	Band	Mode	Test Position	Ch.	EUT Config.	Tx Antenna	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-10g (W/kg)	Scaled SAR-10g (W/kg)
WWAN ON / WWAN OFF														
	WLAN5.6G	802.11ac VHT80	Front Face	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	-0.16	0.362	0.41
	WLAN5.6G	802.11ac VHT80	Rear Face	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	0.14	0.194	0.22
	WLAN5.6G	802.11ac VHT80	Right Side	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	0.12	0.207	0.23
	WLAN5.6G	802.11ac VHT80	Top Side	138	1	Ant 0	91.65	1.09	17.5	17.32	1.04	0.19	0.355	0.40
	WLAN5.6G	802.11ac VHT80	Front Face	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0.01	0.325	0.37
	WLAN5.6G	802.11ac VHT80	Rear Face	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0.10	1	1.12
55	WLAN5.6G	802.11ac VHT80	Right Side	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0.18	1.06	1.19
	WLAN5.6G	802.11ac VHT80	Top Side	138	1	Ant 1	92.23	1.08	17.5	17.31	1.04	0.19	0.082	0.09
	WLAN5.6G	802.11ac VHT80	Front Face	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	0.01	0.010	0.01
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	0.01	0.538	0.60
	WLAN5.6G	802.11ac VHT80	Rear Face	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	0.08	0.857	0.96
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	0.08		
	WLAN5.6G	802.11ac VHT80	Right Side	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	-0.11	0.991	1.11
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	-0.11		
	WLAN5.6G	802.11ac VHT80	Top Side	138	1	2Tx Ant 0	91.65	1.09	17.5	17.41	1.02	-0.16	0.462	0.52
						2Tx Ant 1	91.65	1.09	17.5	17.37	1.03	-0.16		
	WLAN5.6G	802.11ac VHT80	Right Side	106	1	Ant 1	92.23	1.08	12.5	12.38	1.03	0.09	0.305	0.34
	WLAN5.6G	802.11ac VHT80	Right Side	122	1	Ant 1	92.23	1.08	17.5	17.23	1.06	0.06	0.944	1.08
	WLAN5.6G	802.11ac VHT80	Right Side	138	2	Ant 1	92.23	1.08	17.5	17.31	1.04	0	0.876	0.98

Note: Where MIMO mode is tested and there is a single hot spot that is not clearly associated with a specific antenna the highest scaling factor across both antennas is used.

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4.7.6 SAR Measurement Variability

According to KDB 865664 D01, SAR measurement variability was assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. Alternatively, if the highest measured SAR for both head and body tissue-equivalent media are ≤ 1.45 W/kg and the ratio of these highest SAR values, i.e., largest divided by smallest value, is ≤ 1.10 , the highest SAR configuration for either head or body tissue-equivalent medium may be used to perform the repeated measurement. These additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR repeated measurement procedure:

1. When the highest measured SAR is < 0.80 W/kg, repeated measurement is not required.
2. When the highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3. If the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 , or when the original or repeated measurement is ≥ 1.45 W/kg, perform a second repeated measurement.
4. If the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 , and the original, first or second repeated measurement is ≥ 1.5 W/kg, perform a third repeated measurement.

Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio	2nd Repeated SAR-1g (W/kg)	L/S Ratio	3rd Repeated SAR-1g (W/kg)	L/S Ratio
GSM1900	GPRS12	Right Tilted	810	0.811	0.802	1.01	N/A	N/A	N/A	N/A
WCDMA II	RMC12.2K	Right Tilted	9400	0.881	0.869	1.01	N/A	N/A	N/A	N/A
CDMA BC1	RC.3+SO55	Right Tilted	1175	0.969	0.952	1.02	N/A	N/A	N/A	N/A
LTE 7	QPSK20M	Right Cheek	20850	1.05	1.01	1.04	N/A	N/A	N/A	N/A
LTE 66	QPSK20M	Right Tilted	132572	0.851	0.839	1.01	N/A	N/A	N/A	N/A
WLAN2.4G	802.11b	Left Cheek	6	0.89	0.868	1.03	N/A	N/A	N/A	N/A
WLAN5.3G	802.11n HT40	Left Cheek	54	0.959	0.928	1.03	N/A	N/A	N/A	N/A
WLAN5.6G	802.11ac VHT80	Left Tilted	138	0.902	0.883	1.02	N/A	N/A	N/A	N/A
WLAN5.8G	802.11ac VHT80	Left Cheek	155	0.898	0.869	1.03	N/A	N/A	N/A	N/A
WCDMA IV	RMC12.2K	Rera Face	1413	0.916	0.897	1.02	N/A	N/A	N/A	N/A
LTE 25	QPSK20M	Rear Face	26590	0.865	0.851	1.02	N/A	N/A	N/A	N/A
WLAN2.4G	802.11b	Rear Face	6	0.940	0.921	1.02	N/A	N/A	N/A	N/A

4.7.7 Simultaneous Multi-band Transmission Evaluation

<Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Head Exposure Condition	Body-worn Exposure Condition	Hotspot Exposure Condition
1	WWAN+WiFi 2.4G SISO (Ant0)	Yes	Yes	Yes
2	WWAN+WiFi 2.4G SISO (Ant1)	Yes	Yes	Yes
3	WWAN+WiFi 2.4G MIMO (Ant0+1)	Yes	Yes	Yes
4	WWAN+WiFi 5G	Yes	Yes	Yes
5	WWAN+Bluetooth (Ant0)	Yes	Yes	Yes
6	WWAN+WiFi 2.4G SISO (Ant1) + Bluetooth (Ant0)	Yes	Yes	Yes
7	WWAN+WiFi 2.4G SISO (Ant0) + WiFi 5G SISO(Ant1)	Yes	Yes	Yes
8	WWAN+WiFi 5G + Bluetooth	Yes	Yes	Yes

Note :

- Both GSM/WCDMA/CDMA and LTE can transmit through either antenna-0 or antenna-1 or antenna-2 or antenna-3. However, only one technology (GSM/WCDMA/CDMA or LTE) can transmit from an antenna at a time, and the other technology transmits through the other antenna.
- Condition1 is covered by condition 7.
- Condition2 is covered by condition 6.
- Condition4 is covered by condition 8.
- Condition5 is covered by condition 8.
- <SAR Summation Analysis>

Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna. When the sum of SAR_{1g} of all simultaneously transmitting antennas in an operating mode and exposure condition combination is within the SAR limit (SAR_{1g} 1.6 W/kg), the simultaneous transmission SAR is not required. When the sum of SAR_{1g} is greater than the SAR limit (SAR_{1g} 1.6 W/kg), SAR test exclusion is determined by the SPLSR.

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WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	5+8	5+7+13	5+6+10	5+12+13
		WWAN Ant 0	WWAN Ant 1	WWAN Ant 2	WWAN Ant 3	Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant0	WLAN 5GHz Ant1	WLAN 5GHz Ant 0+1	Max WLAN 5GHz	Bluetooth	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
GSM850	Right Cheek	0.13	0.80			0.80	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	1.17	0.97	1.26	1.35
GSM850	Right Tilted	0.06	0.79			0.79	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	1.13	0.94	1.08	1.38
GSM850	Left Cheek	0.10	0.36			0.36	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.33	1.30	1.49	1.58
GSM850	Left Tilted	0.07	0.35			0.35	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.07	0.77	1.05	1.52
GSM1900	Right Cheek	0.00	0.59			0.59	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	0.96	0.76	1.05	1.14
GSM1900	Right Tilted	0.00	0.64			0.64	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.98	0.79	0.93	1.23
GSM1900	Left Cheek	0.05	0.36			0.36	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.33	1.30	1.49	1.58
GSM1900	Left Tilted	0.00	0.41			0.41	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.13	0.83	1.11	1.58
WCDMA II	Right Cheek	0.07	0.47			0.47	0.32	0.12	0.36	0.47	0.14	0.50	0.50	0.05	0.83	0.64	0.93	1.02
WCDMA II	Right Tilted	0.05	0.48			0.48	0.29	0.10	0.33	0.54	0.00	0.52	0.54	0.05	0.81	0.63	0.77	1.07
WCDMA II	Left Cheek	0.12	0.22			0.22	0.65	0.79	0.94	1.02	0.48	1.07	1.07	0.15	1.16	1.16	1.35	1.44
WCDMA II	Left Tilted	0.05	0.26			0.26	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.98	0.68	0.96	1.43
WCDMA IV	Right Cheek	0.07	0.51			0.51	0.32	0.12	0.36	0.47	0.14	0.50	0.50	0.05	0.87	0.68	0.97	1.06
WCDMA IV	Right Tilted	0.00	0.55			0.55	0.29	0.10	0.33	0.54	0.00	0.52	0.54	0.05	0.88	0.70	0.84	1.14
WCDMA IV	Left Cheek	0.04	0.24			0.24	0.65	0.79	0.94	1.02	0.48	1.07	1.07	0.15	1.18	1.18	1.37	1.46
WCDMA IV	Left Tilted	0.00	0.38			0.38	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.10	0.80	1.08	1.55
WCDMA V	Right Cheek	0.10	0.58			0.58	0.32	0.12	0.36	0.47	0.14	0.50	0.50	0.05	0.94	0.75	1.04	1.13
WCDMA V	Right Tilted	0.05	0.60			0.60	0.29	0.10	0.33	0.54	0.00	0.52	0.54	0.05	0.93	0.75	0.89	1.19
WCDMA V	Left Cheek	0.09	0.36			0.36	0.65	0.79	0.94	1.02	0.48	1.07	1.07	0.15	1.30	1.30	1.49	1.58
WCDMA V	Left Tilted	0.06	0.42			0.42	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.14	0.84	1.12	1.59
CDMA BC0	Right Cheek	0.14	0.82			0.82	0.32	0.12	0.36	0.47	0.14	0.50	0.50	0.05	1.18	0.99	1.28	1.37
CDMA BC0	Right Tilted	0.07	0.62			0.62	0.29	0.10	0.33	0.54	0.00	0.52	0.54	0.05	0.95	0.77	0.91	1.21
CDMA BC0	Left Cheek	0.11	0.36			0.36	0.65	0.79	0.94	1.02	0.48	1.07	1.07	0.15	1.30	1.30	1.49	1.58
CDMA BC0	Left Tilted	0.08	0.41			0.41	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.13	0.83	1.11	1.58
CDMA BC1	Right Cheek	0.05	0.34			0.34	0.32	0.12	0.36	0.47	0.14	0.50	0.50	0.05	0.70	0.51	0.80	0.89
CDMA BC1	Right Tilted	0.04	0.35			0.35	0.29	0.10	0.33	0.54	0.00	0.52	0.54	0.05	0.68	0.50	0.64	0.94
CDMA BC1	Left Cheek	0.07	0.19			0.19	0.65	0.79	0.94	1.02	0.48	1.07	1.07	0.15	1.13	1.13	1.32	1.41
CDMA BC1	Left Tilted	0.03	0.21			0.21	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.93	0.63	0.91	1.38
CDMA BC10	Right Cheek	0.12	0.45			0.45	0.32	0.12	0.36	0.47	0.14	0.50	0.50	0.05	0.81	0.62	0.91	1.00
CDMA BC10	Right Tilted	0.06	0.43			0.43	0.29	0.10	0.33	0.54	0.00	0.52	0.54	0.05	0.76	0.58	0.72	1.02
CDMA BC10	Left Cheek	0.11	0.32			0.32	0.65	0.79	0.94	1.02	0.48	1.07	1.07	0.15	1.26	1.26	1.45	1.54
CDMA BC10	Left Tilted	0.08	0.33			0.33	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.05	0.75	1.03	1.50

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WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	5+8	5+7+13	5+6+10	5+12+13
		WWAN Ant 0	WWAN Ant 1	WWAN Ant 2	WWAN Ant 3	Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant0	WLAN 5GHz Ant1	WLAN 5GHz Ant 0+1	Max WLAN 5GHz	Bluetooth	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
LTE 5	Right Cheek	0.12	0.25			0.25	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	0.61	0.42	0.71	0.80
LTE 5	Right Tilted	0.07	0.26			0.26	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.59	0.41	0.55	0.85
LTE 5	Left Cheek	0.10	0.21			0.21	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.15	1.15	1.34	1.43
LTE 5	Left Tilted	0.07	0.22			0.22	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.92	0.64	0.92	1.39
LTE 7	Right Cheek			0.66	0.45	0.66	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	1.02	0.83	1.12	1.21
LTE 7	Right Tilted			0.15	0.32	0.32	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.65	0.47	0.61	0.91
LTE 7	Left Cheek			0.35	0.18	0.35	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.29	1.29	1.48	1.57
LTE 7	Left Tilted			0.29	0.15	0.29	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.99	0.71	0.99	1.46
LTE 12	Right Cheek	0.10	0.48			0.48	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	0.84	0.65	0.94	1.03
LTE 12	Right Tilted	0.07	0.52			0.57	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.90	0.72	0.86	1.16
LTE 12	Left Cheek	0.10	0.27			0.27	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.21	1.21	1.40	1.49
LTE 12	Left Tilted	0.07	0.30			0.30	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.00	0.72	1.00	1.47
LTE 13	Right Cheek	0.10	0.24			0.24	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	0.60	0.41	0.70	0.79
LTE 13	Right Tilted	0.06	0.27			0.27	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.60	0.42	0.56	0.86
LTE 13	Left Cheek	0.08	0.16			0.16	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.10	1.10	1.29	1.38
LTE 13	Left Tilted	0.07	0.25			0.25	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.95	0.67	0.95	1.42
LTE 14	Right Cheek	0.11	0.54			0.54	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	0.90	0.71	1.00	1.09
LTE 14	Right Tilted	0.06	0.60			0.60	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.93	0.75	0.89	1.19
LTE 14	Left Cheek	0.09	0.35			0.35	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.29	1.29	1.48	1.57
LTE 14	Left Tilted	0.07	0.42			0.42	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.12	0.84	1.12	1.59
LTE 25	Right Cheek	0.02	0.77			0.77	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	1.13	0.94	1.23	1.32
LTE 25	Right Tilted	0.03	0.89			0.89	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	1.22	1.04	1.18	1.48
LTE 25	Left Cheek	0.06	0.36			0.36	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.30	1.30	1.49	1.58
LTE 25	Left Tilted	0.03	0.39			0.39	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.09	0.81	1.09	1.56
LTE 26	Right Cheek	0.09	0.32			0.32	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	0.69	0.49	0.78	0.87
LTE 26	Right Tilted	0.06	0.54			0.54	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.88	0.69	0.83	1.13
LTE 26	Left Cheek	0.09	0.22			0.22	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.19	1.16	1.35	1.44
LTE 26	Left Tilted	0.06	0.22			0.22	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.94	0.64	0.92	1.39
LTE 30	Right Cheek			0.65	0.67	0.67	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	1.04	0.84	1.13	1.22
LTE 30	Right Tilted			0.36	0.45	0.45	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.79	0.60	0.74	1.04
LTE 30	Left Cheek			0.23	0.24	0.24	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.21	1.18	1.37	1.46
LTE 30	Left Tilted			0.20	0.21	0.21	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.93	0.63	0.91	1.38
LTE 66	Right Cheek	0.06	0.54			0.54	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	0.91	0.71	1.00	1.09
LTE 66	Right Tilted	0.07	0.55			0.55	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.89	0.70	0.84	1.14
LTE 66	Left Cheek	0.10	0.23			0.23	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.20	1.17	1.36	1.45
LTE 66	Left Tilted	0.06	0.27			0.27	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.99	0.69	0.97	1.44
LTE 38	Right Cheek			0.32	1.00	1.00	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	1.37	1.17	1.46	1.55
LTE 38	Right Tilted			0.12	0.63	0.63	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.97	0.78	0.92	1.22
LTE 38	Left Cheek			0.17	0.36	0.36	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.33	1.30	1.49	1.58
LTE 38	Left Tilted			0.20	0.26	0.26	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.98	0.68	0.96	1.43
LTE 41	Right Cheek			0.28	0.86	0.86	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	1.23	1.03	1.32	1.41
LTE 41	Right Tilted			0.10	0.27	0.27	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	0.61	0.42	0.56	0.86
LTE 41	Left Cheek			0.15	0.24	0.24	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.21	1.18	1.37	1.46
LTE 41	Left Tilted			0.17	0.16	0.17	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	0.89	0.59	0.87	1.34
LTE 71	Right Cheek	0.02	0.83			0.83	0.32	0.12	0.37	0.47	0.14	0.50	0.50	0.05	1.20	1.00	1.29	1.38
LTE 71	Right Tilted	0.00	0.70			0.70	0.29	0.10	0.34	0.54	0.00	0.52	0.54	0.05	1.04	0.85	0.99	1.29
LTE 71	Left Cheek	0.00	0.37			0.37	0.65	0.79	0.97	1.02	0.48	1.07	1.07	0.15	1.34	1.31	1.50	1.59
LTE 71	Left Tilted	0.00	0.42			0.42	0.47	0.31	0.72	1.01	0.23	1.06	1.06	0.11	1.14	0.84	1.12	1.59



FCC SAR Test Report

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	5+8	5+7+13	5+6+10	5+12+13
		WWAN Ant 0	WWAN Ant 1	WWAN Ant 2	WWAN Ant 3	Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant0	WLAN 5GHz Ant1	WLAN 5GHz Ant 0+1	Max WLAN 5GHz	Bluetooth	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg
GSM850	Front Face	0.05	0.11			0.11	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.41	0.35	0.63	0.66
GSM850	Rear Face	0.07	0.13			0.13	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.16	0.70	1.29	0.94
GSM850	Left Side	0.02	0.06			0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.06
GSM850	Right Side	0.03	0.07			0.07	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.76	0.52	0.85	0.69
GSM850	Top Side	0.00	0.08			0.08	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.22	0.19	0.35	0.61
GSM850	Bottom Side	0.02	0.00			0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02
GSM1900	Front Face	0.07	0.12			0.12	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.42	0.36	0.64	0.67
GSM1900	Rear Face	0.08	0.21			0.21	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.24	0.78	1.37	1.02
GSM1900	Left Side	0.02	0.06			0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.06
GSM1900	Right Side	0.00	0.03			0.03	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.72	0.48	0.81	0.65
GSM1900	Top Side	0.00	0.16			0.16	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.30	0.27	0.43	0.69
GSM1900	Bottom Side	0.09	0.00			0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09
WCDMA II	Front Face	0.18	0.17			0.18	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.48	0.42	0.70	0.73
WCDMA II	Rear Face	0.23	0.28			0.28	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.31	0.85	1.44	1.09
WCDMA II	Left Side	0.06	0.08			0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.08	0.08
WCDMA II	Right Side	0.02	0.03			0.03	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.72	0.48	0.81	0.65
WCDMA II	Top Side	0.00	0.23			0.23	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.37	0.34	0.50	0.76
WCDMA II	Bottom Side	0.29	0.00			0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.29	0.29
WCDMA IV	Front Face	0.18	0.28			0.28	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.58	0.52	0.80	0.83
WCDMA IV	Rear Face	0.39	0.41			0.41	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.44	0.98	1.57	1.22
WCDMA IV	Left Side	0.03	0.16			0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16
WCDMA IV	Right Side	0.02	0.06			0.06	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.75	0.51	0.84	0.68
WCDMA IV	Top Side	0.00	0.40			0.40	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.54	0.51	0.67	0.93
WCDMA IV	Bottom Side	0.37	0.00			0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37	0.37	0.37
WCDMA V	Front Face	0.05	0.14			0.14	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.44	0.38	0.66	0.69
WCDMA V	Rear Face	0.08	0.16			0.16	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.19	0.73	1.32	0.97
WCDMA V	Left Side	0.00	0.08			0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.08	0.08
WCDMA V	Right Side	0.03	0.09			0.09	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.78	0.54	0.87	0.71
WCDMA V	Top Side	0.00	0.13			0.13	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.27	0.24	0.40	0.66
WCDMA V	Bottom Side	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CDMA BC0	Front Face	0.07	0.14			0.14	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.44	0.38	0.66	0.69
CDMA BC0	Rear Face	0.08	0.21			0.21	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.24	0.78	1.37	1.02
CDMA BC0	Left Side	0.03	0.06			0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.06
CDMA BC0	Right Side	0.00	0.03			0.03	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.72	0.48	0.81	0.65
CDMA BC0	Top Side	0.00	0.17			0.17	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.31	0.28	0.44	0.70
CDMA BC0	Bottom Side	0.11	0.00			0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.11	0.11
CDMA BC1	Front Face	0.21	0.15			0.21	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.51	0.45	0.73	0.76
CDMA BC1	Rear Face	0.03	0.22			0.22	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.25	0.79	1.38	1.03
CDMA BC1	Left Side	0.05	0.03			0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.05
CDMA BC1	Right Side	0.00	0.00			0.00	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.69	0.45	0.78	0.62
CDMA BC1	Top Side	0.00	0.17			0.17	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.31	0.28	0.44	0.70
CDMA BC1	Bottom Side	0.35	0.00			0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.35	0.35	0.35
CDMA BC10	Front Face	0.08	0.16			0.16	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.46	0.40	0.68	0.71
CDMA BC10	Rear Face	0.10	0.22			0.22	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.25	0.79	1.38	1.03
CDMA BC10	Left Side	0.03	0.07			0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.07	0.07
CDMA BC10	Right Side	0.00	0.03			0.03	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.72	0.48	0.81	0.65
CDMA BC10	Top Side	0.00	0.19			0.19	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.33	0.30	0.46	0.72
CDMA BC10	Bottom Side	0.12	0.00			0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.12	0.12



FCC SAR Test Report

WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	5+8	5+7+13	5+6+10	5+12+13
		WWAN Ant 0	WWAN Ant 1	WWAN Ant 2	WWAN Ant 3	Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant0	WLAN 5GHz Ant1	WLAN 5GHz Ant 0+1	Max WLAN 5GHz	Bluetooth	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg	Summimg result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg				
LTE 5	Front Face	0.08	0.22			0.22	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.52	0.46	0.74	0.77
LTE 5	Rear Face	0.13	0.27			0.27	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.30	0.84	1.43	1.08
LTE 5	Left Side	0.05	0.10			0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10
LTE 5	Right Side	0.05	0.09			0.09	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.78	0.54	0.87	0.71
LTE 5	Top Side	0.00	0.18			0.18	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.32	0.29	0.45	0.71
LTE 5	Bottom Side	0.03	0.00			0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03
LTE 7	Front Face			0.34	0.20	0.34	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.64	0.58	0.86	0.89
LTE 7	Rear Face			0.39	0.39	0.39	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.42	0.96	1.55	1.20
LTE 7	Left Side			0.00	0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.23	0.23	0.23	0.23
LTE 7	Right Side			0.36	0.00	0.36	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	1.05	0.81	1.14	0.98
LTE 7	Top Side			0.00	0.08	0.08	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.22	0.19	0.35	0.61
LTE 7	Bottom Side			0.19	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.19
LTE 12	Front Face	0.09	0.15			0.15	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.45	0.39	0.67	0.70
LTE 12	Rear Face	0.13	0.20			0.20	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.23	0.77	1.36	1.01
LTE 12	Left Side	0.09	0.13			0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13
LTE 12	Right Side	0.08	0.11			0.11	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.80	0.56	0.89	0.73
LTE 12	Top Side	0.00	0.09			0.09	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.23	0.20	0.36	0.62
LTE 12	Bottom Side	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 13	Front Face	0.08	0.18			0.18	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.48	0.42	0.70	0.73
LTE 13	Rear Face	0.10	0.22			0.22	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.25	0.79	1.38	1.03
LTE 13	Left Side	0.05	0.12			0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.12	0.12	0.12
LTE 13	Right Side	0.07	0.10			0.10	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.79	0.55	0.88	0.72
LTE 13	Top Side	0.00	0.13			0.13	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.27	0.24	0.40	0.66
LTE 13	Bottom Side	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LTE 14	Front Face	0.07	0.17			0.17	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.47	0.41	0.69	0.72
LTE 14	Rear Face	0.09	0.21			0.21	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.24	0.78	1.37	1.02
LTE 14	Left Side	0.06	0.11			0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.11	0.11	0.11	0.11
LTE 14	Right Side	0.07	0.11			0.11	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.80	0.56	0.89	0.73
LTE 14	Top Side	0.00	0.14			0.14	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.28	0.25	0.41	0.67
LTE 14	Bottom Side	0.03	0.00			0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03
LTE 25	Front Face	0.36	0.28			0.36	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.66	0.60	0.88	0.91
LTE 25	Rear Face	0.39	0.35			0.39	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.42	0.96	1.55	1.20
LTE 25	Left Side	0.14	0.13			0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14
LTE 25	Right Side	0.05	0.04			0.05	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.74	0.50	0.83	0.67
LTE 25	Top Side	0.00	0.34			0.34	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.48	0.45	0.61	0.87
LTE 25	Bottom Side	0.58	0.00			0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.58	0.58	0.58	0.58
LTE 26	Front Face	0.07	0.16			0.16	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.46	0.40	0.68	0.71
LTE 26	Rear Face	0.11	0.24			0.24	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.27	0.81	1.40	1.05
LTE 26	Left Side	0.05	0.09			0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09	0.09
LTE 26	Right Side	0.05	0.05			0.05	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.74	0.50	0.83	0.67
LTE 26	Top Side	0.00	0.16			0.16	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.30	0.27	0.43	0.69
LTE 26	Bottom Side	0.03	0.00			0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03
LTE 30	Front Face			0.26	0.17	0.26	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.56	0.50	0.78	0.81
LTE 30	Rear Face			0.29	0.39	0.39	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.42	0.96	1.55	1.20
LTE 30	Left Side			0.00	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.20	0.20	0.20	0.20
LTE 30	Right Side			0.29	0.00	0.29	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.98	0.74	1.07	0.91
LTE 30	Top Side			0.00	0.06	0.06	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.20	0.17	0.33	0.59
LTE 30	Bottom Side			0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10

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WWAN Band	Exposure Position	1	2	3	4	5	6	7	8	9	10	11	12	13	5+8	5+7+13	5+6+10	5+12+13
		WWAN Ant 0	WWAN Ant 1	WWAN Ant 2	WWAN Ant 3	Max WWAN	WLAN 2.4GHz Ant 0	WLAN 2.4GHz Ant 1	WLAN 2.4GHz Ant 0+1	WLAN 5GHz Ant0	WLAN 5GHz Ant1	WLAN 5GHz Ant 0+1	Max WLAN 5GHz	Bluetooth	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg
		1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg				
LTE 66	Front Face	0.08	0.13			0.13	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.43	0.37	0.65	0.68
LTE 66	Rear Face	0.12	0.17			0.17	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.20	0.74	1.33	0.98
LTE 66	Left Side	0.02	0.06			0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.06	0.06
LTE 66	Right Side	0.00	0.02			0.02	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.71	0.47	0.80	0.64
LTE 66	Top Side	0.00	0.14			0.14	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.28	0.25	0.41	0.67
LTE 66	Bottom Side	0.17	0.00			0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.17	0.17	0.17
LTE 38	Front Face			0.21	0.08	0.21	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.51	0.45	0.73	0.76
LTE 38	Rear Face			0.19	0.16	0.19	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.22	0.76	1.35	1.00
LTE 38	Left Side			0.00	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12	0.12	0.12
LTE 38	Right Side			0.14	0.00	0.14	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.83	0.59	0.92	0.76
LTE 38	Top Side			0.00	0.02	0.02	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.16	0.13	0.29	0.55
LTE 38	Bottom Side			0.09	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09
LTE 41	Front Face			0.51	0.19	0.51	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.81	0.75	1.03	1.06
LTE 41	Rear Face			0.39	0.37	0.39	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.42	0.96	1.55	1.20
LTE 41	Left Side			0.00	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.29	0.29	0.29
LTE 41	Right Side			0.29	0.00	0.29	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.98	0.74	1.07	0.91
LTE 41	Top Side			0.00	0.06	0.06	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.20	0.17	0.33	0.59
LTE 41	Bottom Side			0.19	0.00	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.19	0.19
LTE 71	Front Face	0.04	0.15			0.15	0.27	0.19	0.30	0.50	0.25	0.50	0.50	0.05	0.45	0.39	0.67	0.70
LTE 71	Rear Face	0.07	0.21			0.21	0.46	0.48	1.03	0.37	0.70	0.72	0.72	0.09	1.24	0.78	1.37	1.02
LTE 71	Left Side	0.04	0.09			0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.09	0.09	0.09
LTE 71	Right Side	0.00	0.05			0.05	0.20	0.41	0.69	0.30	0.58	0.58	0.58	0.04	0.74	0.50	0.83	0.67
LTE 71	Top Side	0.00	0.11			0.11	0.27	0.06	0.14	0.48	0.00	0.48	0.48	0.05	0.25	0.22	0.38	0.64
LTE 71	Bottom Side	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test Engineer : Willy Chang, and Sam Onn

5. Calibration of Test Equipment

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D750V3	1013	Aug. 23, 2018	1 Year
System Validation Dipole	SPEAG	D835V2	4d121	Aug. 23, 2018	1 Year
System Validation Dipole	SPEAG	D1750V2	1055	Aug. 27, 2018	1 Year
System Validation Dipole	SPEAG	D1900V2	5d036	Jan. 18, 2018	1 Year
System Validation Dipole	SPEAG	D2300V2	1004	Jan. 17, 2018	1 Year
System Validation Dipole	SPEAG	D2450V2	737	Aug. 24, 2018	1 Year
System Validation Dipole	SPEAG	D2600V2	1020	Aug. 24, 2018	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	Mar. 22, 2018	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3898	Jun. 26, 2018	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3971	Mar. 26, 2018	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	3650	Jul. 27, 2018	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7472	Aug. 29, 2018	1 Year
Data Acquisition Electronics	SPEAG	DAE3	579	Aug. 27, 2018	1 Year
Data Acquisition Electronics	SPEAG	DAE4	861	May. 30, 2018	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	Mar. 16, 2018	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1277	Jan. 18, 2018	1 Year
Spectrum Analyzer	R&S	FSL6	102006	Mar. 23, 2018	1 Year
ENA Series Network Analyzer	Agilent	E5071C	MY46214281	Jun. 08, 2018	1 Year
MXG Analog Signal Generator	Agilent	N5181A	MY50143868	Jul. 03, 2018	1 Year
Vector Signal Generator	Anritsu	MG3710A	6201599977	Mar. 16, 2018	1 Year
Power Meter	Anritsu	ML2495A	1218009	Jul. 03, 2018	1 Year
Power Sensor	Anritsu	MA2411B	1207252	Jul. 03, 2018	1 Year
Thermometer	YFE	YF-160A	130504591	Mar. 23, 2018	1 Year

6. Measurement Uncertainty

Source of Uncertainty	Uncertainty (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (± %, 1g)	Standard Uncertainty (± %, 10g)	Vi
Measurement System								
Probe Calibration	6.0	Normal	1	1	1	6.0	6.0	∞
Axial Isotropy	4.7	Rectangular	√3	√0.5	√0.5	1.9	1.9	∞
Hemispherical Isotropy	9.6	Rectangular	√3	√0.5	√0.5	3.9	3.9	∞
Boundary Effect	1.0	Rectangular	√3	1	1	0.6	0.6	∞
Linearity	4.7	Rectangular	√3	1	1	2.7	2.7	∞
Detection Limits	0.25	Rectangular	√3	1	1	0.14	0.14	∞
Probe Modulation Response	3.5	Rectangular	√3	1	1	2.0	2.0	∞
Readout Electronics	0.3	Normal	1	1	1	0.3	0.3	∞
Response Time	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Integration Time	1.7	Rectangular	√3	1	1	1.0	1.0	∞
RF Ambient Conditions – Noise	3.0	Rectangular	√3	1	1	1.7	1.7	∞
RF Ambient Conditions – Reflections	3.0	Rectangular	√3	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance	0.4	Rectangular	√3	1	1	0.2	0.2	∞
Probe Positioning with Respect to Phantom	2.9	Rectangular	√3	1	1	1.7	1.7	∞
Post-processing	2.0	Rectangular	√3	1	1	1.2	1.2	∞
Test Sample Related								
Test Sample Positioning	2.82 / 1.60	Normal	1	1	1	2.8	1.6	35
Device Holder Uncertainty	2.55 / 2.76	Normal	1	1	1	2.6	2.8	7
Power Drift of Measurement	5.0	Rectangular	√3	1	1	2.9	2.9	∞
Power Scaling	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Phantom and Setup								
Phantom Uncertainty (Shape and Thickness Tolerances)	6.1	Rectangular	√3	1	1	3.5	3.5	∞
Liquid Conductivity (Temperature Uncertainty)	2.58	Rectangular	√3	0.78	0.71	1.2	1.1	∞
Liquid Conductivity (Measured)	2.95	Normal	1	0.78	0.71	2.3	2.1	61
Liquid Permittivity (Temperature Uncertainty)	1.97	Rectangular	√3	0.23	0.26	0.3	0.3	∞
Liquid Permittivity (Measured)	3.04	Normal	1	0.23	0.26	0.7	0.8	47
Combined Standard Uncertainty						± 11.0 %	± 10.7 %	
Expanded Uncertainty (K=2)						± 22.0 %	± 21.4 %	

Head SAR Uncertainty Budget for Frequency Range of 300 MHz to 3 GHz

FCC SAR Test Report

Source of Uncertainty	Uncertainty (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (± %, 1g)	Standard Uncertainty (± %, 10g)	Vi
Measurement System								
Probe Calibration	6.55	Normal	1	1	1	6.55	6.55	∞
Axial Isotropy	4.7	Rectangular	√3	0.7	0.7	1.9	1.9	∞
Hemispherical Isotropy	9.6	Rectangular	√3	0.7	0.7	3.9	3.9	∞
Boundary Effect	2.0	Rectangular	√3	1	1	1.2	1.2	∞
Linearity	4.7	Rectangular	√3	1	1	2.7	2.7	∞
Detection Limits	0.25	Rectangular	√3	1	1	0.14	0.14	∞
Probe Modulation Response	3.5	Rectangular	√3	1	1	2.0	2.0	∞
Readout Electronics	0.3	Normal	1	1	1	0.3	0.3	∞
Response Time	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Integration Time	1.7	Rectangular	√3	1	1	1.0	1.0	∞
RF Ambient Conditions – Noise	3.0	Rectangular	√3	1	1	1.7	1.7	∞
RF Ambient Conditions – Reflections	3.0	Rectangular	√3	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance	0.4	Rectangular	√3	1	1	0.2	0.2	∞
Probe Positioning with Respect to Phantom	6.7	Rectangular	√3	1	1	3.9	3.9	∞
Post-processing	4.0	Rectangular	√3	1	1	2.3	2.3	∞
Test Sample Related								
Test Sample Positioning	2.82 / 1.60	Normal	1	1	1	2.8	1.6	35
Device Holder Uncertainty	2.55 / 2.76	Normal	1	1	1	2.6	2.8	7
Power Drift of Measurement	5.0	Rectangular	√3	1	1	2.9	2.9	∞
Power Scaling	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Phantom and Setup								
Phantom Uncertainty (Shape and Thickness Tolerances)	6.6	Rectangular	√3	1	1	3.8	3.8	∞
Liquid Conductivity (Temperature Uncertainty)	2.58	Rectangular	√3	0.78	0.71	1.2	1.1	∞
Liquid Conductivity (Measured)	2.95	Normal	1	0.78	0.71	2.3	2.1	61
Liquid Permittivity (Temperature Uncertainty)	1.97	Rectangular	√3	0.23	0.26	0.3	0.3	∞
Liquid Permittivity (Measured)	3.04	Normal	1	0.23	0.26	0.7	0.8	47
Combined Standard Uncertainty						± 12.1 %	± 11.9 %	
Expanded Uncertainty (K=2)						± 24.2 %	± 23.8 %	

Head SAR Uncertainty Budget for Frequency Range of 3 GHz to 6 GHz

FCC SAR Test Report

Source of Uncertainty	Uncertainty (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (± %, 1g)	Standard Uncertainty (± %, 10g)	Vi
Measurement System								
Probe Calibration	6.0	Normal	1	1	1	6.0	6.0	∞
Axial Isotropy	4.7	Rectangular	√3	√0.5	√0.5	1.9	1.9	∞
Hemispherical Isotropy	9.6	Rectangular	√3	√0.5	√0.5	3.9	3.9	∞
Boundary Effect	1.0	Rectangular	√3	1	1	0.6	0.6	∞
Linearity	4.7	Rectangular	√3	1	1	2.7	2.7	∞
Detection Limits	0.25	Rectangular	√3	1	1	0.14	0.14	∞
Probe Modulation Response	3.5	Rectangular	√3	1	1	2.0	2.0	∞
Readout Electronics	0.3	Normal	1	1	1	0.3	0.3	∞
Response Time	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Integration Time	1.7	Rectangular	√3	1	1	1.0	1.0	∞
RF Ambient Conditions – Noise	3.0	Rectangular	√3	1	1	1.7	1.7	∞
RF Ambient Conditions – Reflections	3.0	Rectangular	√3	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance	0.4	Rectangular	√3	1	1	0.2	0.2	∞
Probe Positioning with Respect to Phantom	2.9	Rectangular	√3	1	1	1.7	1.7	∞
Post-processing	2.0	Rectangular	√3	1	1	1.2	1.2	∞
Test Sample Related								
Test Sample Positioning	3.68 / 1.73	Normal	1	1	1	3.7	1.7	29
Device Holder Uncertainty	2.55 / 2.76	Normal	1	1	1	2.6	2.8	7
Power Drift of Measurement	5.0	Rectangular	√3	1	1	2.9	2.9	∞
Power Scaling	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Phantom and Setup								
Phantom Uncertainty (Shape and Thickness Tolerances)	7.2	Rectangular	√3	1	1	4.2	4.2	∞
Liquid Conductivity (Temperature Uncertainty)	2.58	Rectangular	√3	0.78	0.71	1.2	1.1	∞
Liquid Conductivity (Measured)	2.95	Normal	1	0.78	0.71	2.3	2.1	61
Liquid Permittivity (Temperature Uncertainty)	1.97	Rectangular	√3	0.23	0.26	0.3	0.3	∞
Liquid Permittivity (Measured)	3.04	Normal	1	0.23	0.26	0.7	0.8	47
Combined Standard Uncertainty						± 11.4 %	± 11.0 %	
Expanded Uncertainty (K=2)						± 22.8 %	± 22.0 %	

Body SAR Uncertainty Budget for Frequency Range of 300 MHz to 3 GHz

FCC SAR Test Report

Source of Uncertainty	Uncertainty (± %)	Probability Distribution	Divisor	Ci (1g)	Ci (10g)	Standard Uncertainty (± %, 1g)	Standard Uncertainty (± %, 10g)	Vi
Measurement System								
Probe Calibration	6.55	Normal	1	1	1	6.55	6.55	∞
Axial Isotropy	4.7	Rectangular	√3	0.7	0.7	1.9	1.9	∞
Hemispherical Isotropy	9.6	Rectangular	√3	0.7	0.7	3.9	3.9	∞
Boundary Effect	2.0	Rectangular	√3	1	1	1.2	1.2	∞
Linearity	4.7	Rectangular	√3	1	1	2.7	2.7	∞
Detection Limits	0.25	Rectangular	√3	1	1	0.14	0.14	∞
Probe Modulation Response	3.5	Rectangular	√3	1	1	2.0	2.0	∞
Readout Electronics	0.3	Normal	1	1	1	0.3	0.3	∞
Response Time	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Integration Time	1.7	Rectangular	√3	1	1	1.0	1.0	∞
RF Ambient Conditions – Noise	3.0	Rectangular	√3	1	1	1.7	1.7	∞
RF Ambient Conditions – Reflections	3.0	Rectangular	√3	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance	0.4	Rectangular	√3	1	1	0.2	0.2	∞
Probe Positioning with Respect to Phantom	6.7	Rectangular	√3	1	1	3.9	3.9	∞
Post-processing	4.0	Rectangular	√3	1	1	2.3	2.3	∞
Test Sample Related								
Test Sample Positioning	3.68 / 1.73	Normal	1	1	1	3.7	1.7	29
Device Holder Uncertainty	2.55 / 2.76	Normal	1	1	1	2.6	2.8	7
Power Drift of Measurement	5.0	Rectangular	√3	1	1	2.9	2.9	∞
Power Scaling	0.0	Rectangular	√3	1	1	0.0	0.0	∞
Phantom and Setup								
Phantom Uncertainty (Shape and Thickness Tolerances)	7.6	Rectangular	√3	1	1	4.4	4.4	∞
Liquid Conductivity (Temperature Uncertainty)	2.58	Rectangular	√3	0.78	0.71	1.2	1.1	∞
Liquid Conductivity (Measured)	2.95	Normal	1	0.78	0.71	2.3	2.1	61
Liquid Permittivity (Temperature Uncertainty)	1.97	Rectangular	√3	0.23	0.26	0.3	0.3	∞
Liquid Permittivity (Measured)	3.04	Normal	1	0.23	0.26	0.7	0.8	47
Combined Standard Uncertainty						± 12.5 %	± 12.1 %	
Expanded Uncertainty (K=2)						± 25.0 %	± 24.2 %	

Body SAR Uncertainty Budget for Frequency Range of 3 GHz to 6 GHz

7. Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The road map of all our labs can be found in our web site also.

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