

Appendix B.3

LTE Band 4



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中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.39	25.69	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.43	25.73	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.4	25.7	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.39	24.69	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.26	25.56	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.28	25.58	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.28	25.58	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.28	24.58	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.3	24.6	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.3	25.6	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.27	25.57	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.34	24.64	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.55	24.85	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.59	24.89	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.55	24.85	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.56	23.86	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.35	24.65	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.48	24.78	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.39	24.69	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.47	23.77	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.4	24.7	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.48	24.78	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.43	24.73	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.44	23.74	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	20.73	24.03	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	20.68	23.98	30	PASS



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South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Band4	1.4MHz	64QAM	19957	1RB#5	20.68	23.98	30	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	19.51	22.81	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	20.59	23.89	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	20.62	23.92	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	20.61	23.91	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.38	22.68	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	20.5	23.8	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	20.67	23.97	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	20.64	23.94	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.45	22.75	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	18.85	22.15	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	18.75	22.05	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	18.96	22.26	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	17.66	20.96	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	18.96	22.26	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	18.95	22.25	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	18.65	21.95	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	17.96	21.26	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	18.89	22.19	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	18.96	22.26	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	18.78	22.08	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	17.69	20.99	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.37	25.67	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.37	25.67	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.37	25.67	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.39	24.69	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	20.17	23.47	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.24	25.54	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.26	25.56	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.25	24.55	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.2	25.5	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.24	25.54	30	PASS



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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



Band4	3MHz	QPSK	20385	1RB#14	22.28	25.58	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.27	24.57	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.54	24.84	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.53	24.83	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.53	24.83	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.56	23.86	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.39	24.69	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.4	24.7	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.42	24.72	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.4	23.7	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.38	24.68	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.39	24.69	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.4	24.7	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.4	23.7	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	20.74	24.04	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	20.77	24.07	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	20.71	24.01	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.55	22.85	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	20.59	23.89	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	20.6	23.9	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	20.61	23.91	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.43	22.73	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	20.56	23.86	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	20.61	23.91	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	20.62	23.92	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.46	22.76	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	18.78	22.08	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	18.96	22.26	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	18.75	22.05	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	17.56	20.86	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	18.85	22.15	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	18.56	21.86	30	PASS



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Wireless Laboratory

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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com



Band4	3MHz	256QAM	20175	1RB#14	18.47	21.77	30	PASS
Band4	3MHz	256QAM	20175	15RB#0	17.69	20.99	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	18.52	21.82	30	PASS
Band4	3MHz	256QAM	20385	1RB#8	18.56	21.86	30	PASS
Band4	3MHz	256QAM	20385	1RB#14	18.56	21.86	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	17.63	20.93	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.43	25.73	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.49	25.79	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.41	25.71	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.38	24.68	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	21.09	24.39	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.34	25.64	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.32	25.62	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.31	24.61	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.32	25.62	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.34	25.64	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.37	25.67	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.31	24.61	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.54	24.84	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.58	24.88	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.55	24.85	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.55	23.85	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.44	24.74	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.5	24.8	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.43	24.73	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.5	23.8	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.45	24.75	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.47	24.77	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.44	24.74	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.5	23.8	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.7	24	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	20.8	24.1	30	PASS



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Band4	5MHz	64QAM	19975	1RB#24	20.74	24.04	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.54	22.84	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.62	23.92	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	20.55	23.85	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	20.67	23.97	30	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.47	22.77	30	PASS
Band4	5MHz	64QAM	20375	1RB#0	20.65	23.95	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	20.61	23.91	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	20.68	23.98	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.44	22.74	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	18.45	21.75	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	18.65	21.95	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	18.54	21.84	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	17.63	20.93	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	18.52	21.82	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	18.41	21.71	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	18.69	21.99	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	17.52	20.82	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	18.96	22.26	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	18.87	22.17	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	18.45	21.75	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	18.75	22.05	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.42	25.72	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.43	25.73	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.38	25.68	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.4	24.7	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.12	25.42	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.34	25.64	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.29	25.59	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.35	24.65	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.18	25.48	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.29	25.59	30	PASS



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t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



Band4	10MHz	QPSK	20350	1RB#49	22.35	25.65	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.29	24.59	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.52	24.82	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.61	24.91	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.48	24.78	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.57	23.87	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.43	24.73	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.46	24.76	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.39	24.69	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	22.34	25.64	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.35	24.65	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.43	24.73	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.48	24.78	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.45	23.75	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	20.64	23.94	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	20.78	24.08	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	20.64	23.94	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.5	22.8	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	20.61	23.91	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	20.65	23.95	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	20.63	23.93	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.47	22.77	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	20.49	23.79	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	20.64	23.94	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	20.71	24.01	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.4	22.7	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	18.59	21.89	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	18.45	21.75	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	18.63	21.93	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	17.52	20.82	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	18.56	21.86	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	18.59	21.89	30	PASS



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



Band4	10MHz	256QAM	20175	1RB#49	18.63	21.93	30	PASS
Band4	10MHz	256QAM	20175	50RB#0	17.56	20.86	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	18.75	22.05	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	18.96	22.26	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	18.63	21.93	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	17.58	20.88	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.27	25.57	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.39	25.69	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.28	25.58	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.35	24.65	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.18	25.48	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.33	25.63	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.25	25.55	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.3	24.6	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.1	25.4	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.3	25.6	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.28	25.58	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.24	24.54	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.43	24.73	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.57	24.87	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.46	24.76	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.49	23.79	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.35	24.65	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.46	24.76	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.2	25.5	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.48	23.78	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.22	24.52	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.51	24.81	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.45	24.75	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.37	23.67	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	20.66	23.96	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	20.74	24.04	30	PASS



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 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



Band4	15MHz	64QAM	20025	1RB#74	20.66	23.96	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.42	22.72	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	20.58	23.88	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	20.63	23.93	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	20.6	23.9	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.42	22.72	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	20.52	23.82	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	20.62	23.92	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	20.65	23.95	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.39	22.69	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	18.65	21.95	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	18.54	21.84	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	18.66	21.96	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	17.52	20.82	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	18.74	22.04	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	18.96	22.26	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	18.75	22.05	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	17.96	21.26	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	18.56	21.86	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	18.75	22.05	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	18.69	21.99	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	17.85	21.15	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.24	25.54	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.38	25.68	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.23	25.53	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.22	24.52	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.15	25.45	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.31	25.61	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.18	25.48	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.35	24.65	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	20.94	24.24	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.28	25.58	30	PASS



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 t (86-512) 62992980 sgs.china@sgs.com



Band4	20MHz	QPSK	20300	1RB#99	22.24	25.54	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.27	24.57	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.37	24.67	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.23	25.53	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.4	24.7	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.37	23.67	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.29	24.59	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.49	24.79	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.33	24.63	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.45	23.75	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.21	24.51	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.11	25.41	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.97	25.27	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.39	23.69	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.58	23.88	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.76	24.06	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	20.61	23.91	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.4	22.7	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.51	23.81	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.69	23.99	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.55	23.85	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.45	22.75	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.4	23.7	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.59	23.89	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.58	23.88	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.37	22.67	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	18.56	21.86	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	18.41	21.71	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	18.63	21.93	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.52	20.82	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	18.54	21.84	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	18.52	21.82	30	PASS



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Band4	20MHz	256QAM	20175	1RB#99	18.47	21.77	30	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.63	20.93	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	18.54	21.84	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	18.69	21.99	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	18.41	21.71	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.55	20.85	30	PASS



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t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Field Strength of Spurious Radiation

Test Band = LTE Band4_ TM1
 Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	51.42	-46.28	29.45	-60.67	-13.00	47.67	245	30	Horizontal
2	5133.2700	44.95	-45.34	32.95	-62.70	-13.00	49.70	126	75	Horizontal
3	6844.3600	46.80	-44.14	35.89	-56.71	-13.00	43.71	253	150	Horizontal
4	8555.4500	41.57	-41.46	37.66	-57.49	-13.00	44.49	125	17	Horizontal
5	10266.5400	33.10	-39.23	38.83	-62.56	-13.00	49.56	145	1	Horizontal
6	11977.6300	29.40	-37.51	38.95	-64.43	-13.00	51.43	129	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.1800	53.32	-46.28	29.45	-58.77	-13.00	45.77	145	152	Vertical
2	5133.2700	45.77	-45.34	32.95	-61.88	-13.00	48.88	128	47	Vertical
3	6844.3600	46.51	-44.14	35.89	-57.00	-13.00	44.00	199	287	Vertical
4	8555.4500	41.42	-41.46	37.66	-57.64	-13.00	44.64	145	199	Vertical
5	10266.5400	34.50	-39.23	38.83	-61.16	-13.00	48.16	173	32	Vertical
6	11977.6300	32.33	-37.51	38.95	-61.50	-13.00	48.50	166	273	Vertical



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Test Band = LTE Band4_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447.1800	49.67	-46.27	29.47	-62.39	-13.00	49.39	285	30	Horizontal
2	5170.7700	46.00	-45.31	32.97	-61.59	-13.00	48.59	174	196	Horizontal
3	6894.3600	44.61	-44.10	35.95	-58.80	-13.00	45.80	169	150	Horizontal
4	8617.9500	39.40	-41.40	37.78	-59.48	-13.00	46.48	142	301	Horizontal
5	10341.5400	35.30	-39.06	38.85	-60.17	-13.00	47.17	138	357	Horizontal
6	12065.1300	30.13	-37.44	39.02	-63.55	-13.00	50.55	120	301	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3447	53.44	-46.27	29.47	-58.62	-13.00	45.62	150	165	Vertical
2	5170.7700	46.48	-45.31	32.97	-61.11	-13.00	48.11	196	0	Vertical
3	6894.3600	45.03	-44.10	35.95	-58.38	-13.00	45.38	147	75	Vertical
4	8617.9500	40.43	-41.40	37.78	-58.45	-13.00	45.45	122	0	Vertical
5	10341.5400	34.08	-39.06	38.85	-61.39	-13.00	48.39	256	165	Vertical
6	12065.1300	30.45	-37.44	39.02	-63.23	-13.00	50.23	143	225	Vertical



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Test Band = LTE Band4_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	52.51	-46.27	29.50	-59.52	-13.00	46.52	256	47	Horizontal
2	5208.2700	46.95	-45.26	32.98	-60.59	-13.00	47.59	125	8	Horizontal
3	6944.3600	44.95	-43.85	36.01	-58.15	-13.00	45.15	192	90	Horizontal
4	8680.4500	40.60	-41.62	37.88	-58.40	-13.00	45.40	145	0	Horizontal
5	10416.5400	32.32	-38.97	38.88	-63.04	-13.00	50.04	182	3	Horizontal
6	12152.6300	30.29	-37.42	39.09	-63.30	-13.00	50.30	135	106	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.1800	54.80	-46.27	29.50	-57.23	-13.00	44.23	214	197	Vertical
2	5208.2700	47.16	-45.26	32.98	-60.38	-13.00	47.38	188	122	Vertical
3	6944.3600	44.37	-43.85	36.01	-58.73	-13.00	45.73	198	166	Vertical
4	8680.4500	38.72	-41.62	37.88	-60.28	-13.00	47.28	196	243	Vertical
5	10416.5400	31.80	-38.97	38.88	-63.56	-13.00	50.56	147	122	Vertical
6	12152.6300	31.64	-37.42	39.09	-61.95	-13.00	48.95	158	139	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com