



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

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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0	19.25	19.98	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	0	19.15	19.88	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	0	18.25	18.98	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	0	18.14	18.87	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	0	17.11	17.84	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0	19.32	20.05	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	0	19.24	19.97	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	0	18.34	19.07	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	0	18.22	18.95	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	0	17.18	17.91	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0	19.22	19.95	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	0	19.16	19.89	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	0	18.29	19.02	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	0	18.15	18.88	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	0	17.12	17.85	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0	18.47	19.2	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	0	18.26	18.99	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	0	17.36	18.09	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	0	17.63	18.36	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	0	17.57	18.3	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0	18.56	19.29	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	0	18.35	19.08	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	0	17.45	18.18	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	0	17.73	18.46	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	0	17.65	18.38	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0	18.5	19.23	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	0	18.26	18.99	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	16QAM	20393	3RB#0	0	17.39	18.12	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	0	17.67	18.4	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	0	17.59	18.32	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	0	19.18	19.91	30	PASS
Band4	3MHz	QPSK	19965	1RB#5	0	18.92	19.65	30	PASS
Band4	3MHz	QPSK	19965	3RB#0	0	18.82	19.55	30	PASS
Band4	3MHz	QPSK	19965	3RB#3	0	18.89	19.62	30	PASS
Band4	3MHz	QPSK	19965	6RB#0	0	18.88	19.61	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	0	19.23	19.96	30	PASS
Band4	3MHz	QPSK	20175	1RB#5	0	19.09	19.82	30	PASS
Band4	3MHz	QPSK	20175	3RB#0	0	18.86	19.59	30	PASS
Band4	3MHz	QPSK	20175	3RB#3	0	18.92	19.65	30	PASS
Band4	3MHz	QPSK	20175	6RB#0	0	18.92	19.65	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	1	19.2	19.93	30	PASS
Band4	3MHz	QPSK	20385	1RB#5	1	18.97	19.7	30	PASS
Band4	3MHz	QPSK	20385	3RB#0	1	18.93	19.66	30	PASS
Band4	3MHz	QPSK	20385	3RB#3	1	18.85	19.58	30	PASS
Band4	3MHz	QPSK	20385	6RB#0	1	18.75	19.48	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	0	18.9	19.63	30	PASS
Band4	3MHz	16QAM	19965	1RB#5	0	18.85	19.58	30	PASS
Band4	3MHz	16QAM	19965	3RB#0	0	18.79	19.52	30	PASS
Band4	3MHz	16QAM	19965	3RB#3	0	19	19.73	30	PASS
Band4	3MHz	16QAM	19965	6RB#0	0	18.85	19.58	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	0	18.94	19.67	30	PASS
Band4	3MHz	16QAM	20175	1RB#5	0	19.03	19.76	30	PASS
Band4	3MHz	16QAM	20175	3RB#0	0	18.93	19.66	30	PASS
Band4	3MHz	16QAM	20175	3RB#3	0	19.1	19.83	30	PASS
Band4	3MHz	16QAM	20175	6RB#0	0	18.99	19.72	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	1	18.85	19.58	30	PASS
Band4	3MHz	16QAM	20385	1RB#5	1	18.89	19.62	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	3MHz	16QAM	20385	3RB#0	1	18.83	19.56	30	PASS
Band4	3MHz	16QAM	20385	3RB#3	1	19.04	19.77	30	PASS
Band4	3MHz	16QAM	20385	6RB#0	1	18.83	19.56	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	0	19.12	19.85	30	PASS
Band4	5MHz	QPSK	19975	1RB#5	0	19.03	19.76	30	PASS
Band4	5MHz	QPSK	19975	3RB#0	0	18.85	19.58	30	PASS
Band4	5MHz	QPSK	19975	3RB#3	0	18.86	19.59	30	PASS
Band4	5MHz	QPSK	19975	6RB#0	0	18.9	19.63	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	0	19.2	19.93	30	PASS
Band4	5MHz	QPSK	20175	1RB#5	0	19.1	19.83	30	PASS
Band4	5MHz	QPSK	20175	3RB#0	0	18.91	19.64	30	PASS
Band4	5MHz	QPSK	20175	3RB#3	0	19.05	19.78	30	PASS
Band4	5MHz	QPSK	20175	6RB#0	0	18.97	19.7	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	3	19.04	19.77	30	PASS
Band4	5MHz	QPSK	20375	1RB#5	3	19.05	19.78	30	PASS
Band4	5MHz	QPSK	20375	3RB#0	3	18.9	19.63	30	PASS
Band4	5MHz	QPSK	20375	3RB#3	3	18.93	19.66	30	PASS
Band4	5MHz	QPSK	20375	6RB#0	3	18.7	19.43	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	0	18.86	19.59	30	PASS
Band4	5MHz	16QAM	19975	1RB#5	0	18.85	19.58	30	PASS
Band4	5MHz	16QAM	19975	3RB#0	0	18.87	19.6	30	PASS
Band4	5MHz	16QAM	19975	3RB#3	0	18.95	19.68	30	PASS
Band4	5MHz	16QAM	19975	6RB#0	0	18.84	19.57	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	0	18.93	19.66	30	PASS
Band4	5MHz	16QAM	20175	1RB#5	0	18.95	19.68	30	PASS
Band4	5MHz	16QAM	20175	3RB#0	0	19	19.73	30	PASS
Band4	5MHz	16QAM	20175	3RB#3	0	19.05	19.78	30	PASS
Band4	5MHz	16QAM	20175	6RB#0	0	18.98	19.71	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	3	18.78	19.51	30	PASS
Band4	5MHz	16QAM	20375	1RB#5	3	18.85	19.58	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	5MHz	16QAM	20375	3RB#0	3	18.83	19.56	30	PASS
Band4	5MHz	16QAM	20375	3RB#3	3	19.06	19.79	30	PASS
Band4	5MHz	16QAM	20375	6RB#0	3	18.78	19.51	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	0	19.07	19.8	30	PASS
Band4	10MHz	QPSK	20000	1RB#5	0	19.01	19.74	30	PASS
Band4	10MHz	QPSK	20000	3RB#0	0	18.85	19.58	30	PASS
Band4	10MHz	QPSK	20000	3RB#3	0	18.89	19.62	30	PASS
Band4	10MHz	QPSK	20000	6RB#0	0	18.87	19.6	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	0	19.14	19.87	30	PASS
Band4	10MHz	QPSK	20175	1RB#5	0	18.98	19.71	30	PASS
Band4	10MHz	QPSK	20175	3RB#0	0	18.92	19.65	30	PASS
Band4	10MHz	QPSK	20175	3RB#3	0	19	19.73	30	PASS
Band4	10MHz	QPSK	20175	6RB#0	0	18.99	19.72	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	7	19.03	19.76	30	PASS
Band4	10MHz	QPSK	20350	1RB#5	7	18.99	19.72	30	PASS
Band4	10MHz	QPSK	20350	3RB#0	7	18.83	19.56	30	PASS
Band4	10MHz	QPSK	20350	3RB#3	7	18.95	19.68	30	PASS
Band4	10MHz	QPSK	20350	6RB#0	7	18.75	19.48	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	0	18.86	19.59	30	PASS
Band4	10MHz	16QAM	20000	1RB#5	0	18.93	19.66	30	PASS
Band4	10MHz	16QAM	20000	3RB#0	0	18.85	19.58	30	PASS
Band4	10MHz	16QAM	20000	3RB#3	0	18.94	19.67	30	PASS
Band4	10MHz	16QAM	20000	6RB#0	0	18.78	19.51	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	0	18.98	19.71	30	PASS
Band4	10MHz	16QAM	20175	1RB#5	0	19.04	19.77	30	PASS
Band4	10MHz	16QAM	20175	3RB#0	0	19	19.73	30	PASS
Band4	10MHz	16QAM	20175	3RB#3	0	19.01	19.74	30	PASS
Band4	10MHz	16QAM	20175	6RB#0	0	18.9	19.63	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	7	18.78	19.51	30	PASS
Band4	10MHz	16QAM	20350	1RB#5	7	18.97	19.7	30	PASS

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Band4	10MHz	16QAM	20350	3RB#0	7	18.77	19.5	30	PASS
Band4	10MHz	16QAM	20350	3RB#3	7	18.95	19.68	30	PASS
Band4	10MHz	16QAM	20350	6RB#0	7	18.79	19.52	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	0	19.06	19.79	30	PASS
Band4	15MHz	QPSK	20025	1RB#5	0	19.02	19.75	30	PASS
Band4	15MHz	QPSK	20025	3RB#0	0	18.9	19.63	30	PASS
Band4	15MHz	QPSK	20025	3RB#3	0	18.93	19.66	30	PASS
Band4	15MHz	QPSK	20025	6RB#0	0	18.88	19.61	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	0	19.13	19.86	30	PASS
Band4	15MHz	QPSK	20175	1RB#5	0	19.05	19.78	30	PASS
Band4	15MHz	QPSK	20175	3RB#0	0	18.94	19.67	30	PASS
Band4	15MHz	QPSK	20175	3RB#3	0	19.04	19.77	30	PASS
Band4	15MHz	QPSK	20175	6RB#0	0	18.92	19.65	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	11	19.11	19.84	30	PASS
Band4	15MHz	QPSK	20325	1RB#5	11	19.03	19.76	30	PASS
Band4	15MHz	QPSK	20325	3RB#0	11	18.93	19.66	30	PASS
Band4	15MHz	QPSK	20325	3RB#3	11	18.92	19.65	30	PASS
Band4	15MHz	QPSK	20325	6RB#0	11	18.68	19.41	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	0	18.86	19.59	30	PASS
Band4	15MHz	16QAM	20025	1RB#5	0	18.88	19.61	30	PASS
Band4	15MHz	16QAM	20025	3RB#0	0	18.9	19.63	30	PASS
Band4	15MHz	16QAM	20025	3RB#3	0	19.01	19.74	30	PASS
Band4	15MHz	16QAM	20025	6RB#0	0	18.79	19.52	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	0	18.93	19.66	30	PASS
Band4	15MHz	16QAM	20175	1RB#5	0	19.03	19.76	30	PASS
Band4	15MHz	16QAM	20175	3RB#0	0	18.99	19.72	30	PASS
Band4	15MHz	16QAM	20175	3RB#3	0	19.08	19.81	30	PASS
Band4	15MHz	16QAM	20175	6RB#0	0	18.92	19.65	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	11	18.84	19.57	30	PASS
Band4	15MHz	16QAM	20325	1RB#5	11	18.98	19.71	30	PASS

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Band4	15MHz	16QAM	20325	3RB#0	11	18.73	19.46	30	PASS
Band4	15MHz	16QAM	20325	3RB#3	11	19.01	19.74	30	PASS
Band4	15MHz	16QAM	20325	6RB#0	11	18.86	19.59	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	0	19.24	19.97	30	PASS
Band4	20MHz	QPSK	20050	1RB#5	0	19.08	19.81	30	PASS
Band4	20MHz	QPSK	20050	3RB#0	0	18.98	19.71	30	PASS
Band4	20MHz	QPSK	20050	3RB#3	0	19.05	19.78	30	PASS
Band4	20MHz	QPSK	20050	6RB#0	0	19.01	19.74	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	0	19.38	20.11	30	PASS
Band4	20MHz	QPSK	20175	1RB#5	0	19.18	19.91	30	PASS
Band4	20MHz	QPSK	20175	3RB#0	0	19.06	19.79	30	PASS
Band4	20MHz	QPSK	20175	3RB#3	0	19.11	19.84	30	PASS
Band4	20MHz	QPSK	20175	6RB#0	0	19.09	19.82	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	15	19.33	20.06	30	PASS
Band4	20MHz	QPSK	20300	1RB#5	15	19.14	19.87	30	PASS
Band4	20MHz	QPSK	20300	3RB#0	15	19.02	19.75	30	PASS
Band4	20MHz	QPSK	20300	3RB#3	15	19.01	19.74	30	PASS
Band4	20MHz	QPSK	20300	6RB#0	15	18.88	19.61	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	0	18.97	19.7	30	PASS
Band4	20MHz	16QAM	20050	1RB#5	0	19.05	19.78	30	PASS
Band4	20MHz	16QAM	20050	3RB#0	0	18.97	19.7	30	PASS
Band4	20MHz	16QAM	20050	3RB#3	0	19.14	19.87	30	PASS
Band4	20MHz	16QAM	20050	6RB#0	0	18.96	19.69	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	0	19.03	19.76	30	PASS
Band4	20MHz	16QAM	20175	1RB#5	0	19.11	19.84	30	PASS
Band4	20MHz	16QAM	20175	3RB#0	0	19.05	19.78	30	PASS
Band4	20MHz	16QAM	20175	3RB#3	0	19.2	19.93	30	PASS
Band4	20MHz	16QAM	20175	6RB#0	0	19.05	19.78	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	15	18.94	19.67	30	PASS
Band4	20MHz	16QAM	20300	1RB#5	15	19.03	19.76	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	20MHz	16QAM	20300	3RB#0	15	18.9	19.63	30	PASS
Band4	20MHz	16QAM	20300	3RB#3	15	19.12	19.85	30	PASS
Band4	20MHz	16QAM	20300	6RB#0	15	18.96	19.69	30	PASS

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Field Strength of Spurious Radiation

Test Band = LTE Cat-M1 Band4

Test Channel = LCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	68.31	-43.26	29.58	-40.62	-13.00	27.62	Horizontal
2	4227	42.70	-42.12	31.66	-63.01	-13.00	50.01	Horizontal
3	6606	38.26	-38.98	35.84	-60.13	-13.00	47.13	Horizontal
4	8791.5	35.32	-34.95	37.50	-57.39	-13.00	44.39	Horizontal
5	13479	31.07	-28.73	39.94	-52.98	-13.00	39.98	Horizontal
6	16881.75	29.83	-25.02	38.82	-51.64	-13.00	38.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	66.45	-43.26	29.58	-42.48	-13.00	29.48	Vertical
2	4227	44.58	-42.12	31.66	-61.13	-13.00	48.13	Vertical
3	6501.75	38.59	-39.23	35.80	-60.10	-13.00	47.10	Vertical
4	9609	38.61	-33.45	37.78	-52.32	-13.00	39.32	Vertical
5	13053.75	30.80	-29.45	39.64	-54.27	-13.00	41.27	Vertical
6	14782.5	30.04	-27.43	40.14	-52.50	-13.00	39.50	Vertical

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Test Band = LTE Cat-M1 Band 4

Test Channel = MCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.75	66.39	-43.20	29.59	-42.48	-13.00	29.48	Horizontal
2	5460.75	40.06	-40.72	33.11	-62.82	-13.00	49.82	Horizontal
3	8354.25	35.94	-35.77	37.28	-57.81	-13.00	44.81	Horizontal
4	10731	32.25	-30.60	38.27	-55.34	-13.00	42.34	Horizontal
5	14285.25	30.90	-28.74	40.24	-52.86	-13.00	39.86	Horizontal
6	16995.75	28.69	-23.99	38.90	-51.66	-13.00	38.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447.75	65.29	-43.20	29.59	-43.58	-13.00	30.58	Vertical
2	4251.75	44.28	-42.09	31.70	-61.37	-13.00	48.37	Vertical
3	6237	38.60	-39.58	35.27	-60.97	-13.00	47.97	Vertical
4	7278	39.50	-37.51	36.33	-56.94	-13.00	43.94	Vertical
5	11597.25	31.44	-29.78	38.40	-55.20	-13.00	42.20	Vertical
6	14793	29.68	-27.33	40.14	-52.77	-13.00	39.77	Vertical
7	17801.25	27.40	-23.59	40.82	-50.62	-13.00	37.62	Vertical

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Test Band = LTE Cat-M1 Band 4

Test Channel = HCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5	66.69	-43.14	29.59	-42.12	-13.00	29.12	Horizontal
2	5210.25	40.37	-40.82	33.16	-62.55	-13.00	49.55	Horizontal
3	9921	34.74	-32.54	37.88	-55.19	-13.00	42.19	Horizontal
4	12939.75	31.76	-29.82	39.53	-53.79	-13.00	40.79	Horizontal
5	14804.25	29.62	-27.29	40.14	-52.79	-13.00	39.79	Horizontal
6	17803.5	27.64	-23.62	40.83	-50.41	-13.00	37.41	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5	64.31	-43.14	29.59	-44.50	-13.00	31.50	Vertical
2	4277.25	42.44	-42.06	31.74	-63.13	-13.00	50.13	Vertical
3	7767	36.82	-36.96	36.87	-58.53	-13.00	45.53	Vertical
4	9607.5	34.70	-33.45	37.78	-56.23	-13.00	43.23	Vertical
5	13875	30.84	-29.25	40.21	-53.46	-13.00	40.46	Vertical
6	17982.75	28.68	-24.82	41.26	-50.14	-13.00	37.14	Vertical

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