



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
Band66	1.4MHz	QPSK	131979	1RB#0	0	19.32	20.05	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	0	19.22	19.95	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	0	18.27	19	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	0	18.14	18.87	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	0	17.04	17.77	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	0	19.42	20.15	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	0	19.31	20.04	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	0	18.33	19.06	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	0	18.2	18.93	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	0	17.11	17.84	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	0	19.35	20.08	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	0	19.25	19.98	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	0	18.25	18.98	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	0	18.13	18.86	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	0	17.05	17.78	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	0	18.41	19.14	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	0	18.26	18.99	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	0	17.43	18.16	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	0	17.27	18	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	0	17.09	17.82	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	0	18.49	19.22	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	0	18.35	19.08	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	0	17.49	18.22	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	0	17.15	17.88	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	0	17.17	17.9	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	0	18.43	19.16	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	0	18.3	19.03	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	16QAM	132665	3RB#0	0	17.41	18.14	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	0	17.16	17.89	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	0	17.09	17.82	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	0	19.22	19.95	30	PASS
Band66	3MHz	QPSK	131987	1RB#5	0	18.96	19.69	30	PASS
Band66	3MHz	QPSK	131987	3RB#0	0	19.01	19.74	30	PASS
Band66	3MHz	QPSK	131987	3RB#3	0	18.77	19.5	30	PASS
Band66	3MHz	QPSK	131987	6RB#0	0	18.95	19.68	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	0	19.36	20.09	30	PASS
Band66	3MHz	QPSK	132322	1RB#5	0	19.02	19.75	30	PASS
Band66	3MHz	QPSK	132322	3RB#0	0	19.09	19.82	30	PASS
Band66	3MHz	QPSK	132322	3RB#3	0	19.03	19.76	30	PASS
Band66	3MHz	QPSK	132322	6RB#0	0	19.02	19.75	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	1	19.33	20.06	30	PASS
Band66	3MHz	QPSK	132657	1RB#5	1	18.98	19.71	30	PASS
Band66	3MHz	QPSK	132657	3RB#0	1	18.99	19.72	30	PASS
Band66	3MHz	QPSK	132657	3RB#3	1	18.87	19.6	30	PASS
Band66	3MHz	QPSK	132657	6RB#0	1	19.03	19.76	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	0	19.05	19.78	30	PASS
Band66	3MHz	16QAM	131987	1RB#5	0	19.14	19.87	30	PASS
Band66	3MHz	16QAM	131987	3RB#0	0	18.97	19.7	30	PASS
Band66	3MHz	16QAM	131987	3RB#3	0	18.91	19.64	30	PASS
Band66	3MHz	16QAM	131987	6RB#0	0	18.79	19.52	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	0	19.26	19.99	30	PASS
Band66	3MHz	16QAM	132322	1RB#5	0	19.17	19.9	30	PASS
Band66	3MHz	16QAM	132322	3RB#0	0	19.07	19.8	30	PASS
Band66	3MHz	16QAM	132322	3RB#3	0	18.95	19.68	30	PASS
Band66	3MHz	16QAM	132322	6RB#0	0	18.81	19.54	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	1	19.13	19.86	30	PASS
Band66	3MHz	16QAM	132657	1RB#5	1	19.1	19.83	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	3MHz	16QAM	132657	3RB#0	1	18.9	19.63	30	PASS
Band66	3MHz	16QAM	132657	3RB#3	1	18.81	19.54	30	PASS
Band66	3MHz	16QAM	132657	6RB#0	1	18.75	19.48	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	0	19.2	19.93	30	PASS
Band66	5MHz	QPSK	131997	1RB#5	0	18.89	19.62	30	PASS
Band66	5MHz	QPSK	131997	3RB#0	0	19.03	19.76	30	PASS
Band66	5MHz	QPSK	131997	3RB#3	0	18.77	19.5	30	PASS
Band66	5MHz	QPSK	131997	6RB#0	0	18.97	19.7	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	0	19.34	20.07	30	PASS
Band66	5MHz	QPSK	132322	1RB#5	0	19.01	19.74	30	PASS
Band66	5MHz	QPSK	132322	3RB#0	0	19.14	19.87	30	PASS
Band66	5MHz	QPSK	132322	3RB#3	0	18.99	19.72	30	PASS
Band66	5MHz	QPSK	132322	6RB#0	0	19.01	19.74	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	3	19.29	20.02	30	PASS
Band66	5MHz	QPSK	132647	1RB#5	3	18.99	19.72	30	PASS
Band66	5MHz	QPSK	132647	3RB#0	3	19.08	19.81	30	PASS
Band66	5MHz	QPSK	132647	3RB#3	3	18.95	19.68	30	PASS
Band66	5MHz	QPSK	132647	6RB#0	3	18.94	19.67	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	0	19.07	19.8	30	PASS
Band66	5MHz	16QAM	131997	1RB#5	0	19.07	19.8	30	PASS
Band66	5MHz	16QAM	131997	3RB#0	0	19.04	19.77	30	PASS
Band66	5MHz	16QAM	131997	3RB#3	0	18.85	19.58	30	PASS
Band66	5MHz	16QAM	131997	6RB#0	0	18.81	19.54	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	0	19.19	19.92	30	PASS
Band66	5MHz	16QAM	132322	1RB#5	0	19.09	19.82	30	PASS
Band66	5MHz	16QAM	132322	3RB#0	0	18.97	19.7	30	PASS
Band66	5MHz	16QAM	132322	3RB#3	0	18.93	19.66	30	PASS
Band66	5MHz	16QAM	132322	6RB#0	0	18.88	19.61	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	3	19.13	19.86	30	PASS
Band66	5MHz	16QAM	132647	1RB#5	3	19.03	19.76	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	5MHz	16QAM	132647	3RB#0	3	18.93	19.66	30	PASS
Band66	5MHz	16QAM	132647	3RB#3	3	18.83	19.56	30	PASS
Band66	5MHz	16QAM	132647	6RB#0	3	18.71	19.44	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	0	19.22	19.95	30	PASS
Band66	10MHz	QPSK	132022	1RB#5	0	18.97	19.7	30	PASS
Band66	10MHz	QPSK	132022	3RB#0	0	18.94	19.67	30	PASS
Band66	10MHz	QPSK	132022	3RB#3	0	18.83	19.56	30	PASS
Band66	10MHz	QPSK	132022	6RB#0	0	18.89	19.62	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	0	19.38	20.11	30	PASS
Band66	10MHz	QPSK	132322	1RB#5	0	18.99	19.72	30	PASS
Band66	10MHz	QPSK	132322	3RB#0	0	19.1	19.83	30	PASS
Band66	10MHz	QPSK	132322	3RB#3	0	18.96	19.69	30	PASS
Band66	10MHz	QPSK	132322	6RB#0	0	19.07	19.8	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	7	19.32	20.05	30	PASS
Band66	10MHz	QPSK	132622	1RB#5	7	18.99	19.72	30	PASS
Band66	10MHz	QPSK	132622	3RB#0	7	19.07	19.8	30	PASS
Band66	10MHz	QPSK	132622	3RB#3	7	18.87	19.6	30	PASS
Band66	10MHz	QPSK	132622	6RB#0	7	18.97	19.7	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	0	19.12	19.85	30	PASS
Band66	10MHz	16QAM	132022	1RB#5	0	19.06	19.79	30	PASS
Band66	10MHz	16QAM	132022	3RB#0	0	18.94	19.67	30	PASS
Band66	10MHz	16QAM	132022	3RB#3	0	18.87	19.6	30	PASS
Band66	10MHz	16QAM	132022	6RB#0	0	18.84	19.57	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	0	19.27	20	30	PASS
Band66	10MHz	16QAM	132322	1RB#5	0	19.11	19.84	30	PASS
Band66	10MHz	16QAM	132322	3RB#0	0	18.98	19.71	30	PASS
Band66	10MHz	16QAM	132322	3RB#3	0	18.89	19.62	30	PASS
Band66	10MHz	16QAM	132322	6RB#0	0	18.85	19.58	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	7	19.11	19.84	30	PASS
Band66	10MHz	16QAM	132622	1RB#5	7	19.04	19.77	30	PASS

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Band66	10MHz	16QAM	132622	3RB#0	7	18.97	19.7	30	PASS
Band66	10MHz	16QAM	132622	3RB#3	7	18.84	19.57	30	PASS
Band66	10MHz	16QAM	132622	6RB#0	7	18.73	19.46	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	0	19.31	20.04	30	PASS
Band66	15MHz	QPSK	132047	1RB#5	0	18.98	19.71	30	PASS
Band66	15MHz	QPSK	132047	3RB#0	0	18.97	19.7	30	PASS
Band66	15MHz	QPSK	132047	3RB#3	0	18.76	19.49	30	PASS
Band66	15MHz	QPSK	132047	6RB#0	0	18.94	19.67	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	0	19.42	20.15	30	PASS
Band66	15MHz	QPSK	132322	1RB#5	0	18.98	19.71	30	PASS
Band66	15MHz	QPSK	132322	3RB#0	0	19.14	19.87	30	PASS
Band66	15MHz	QPSK	132322	3RB#3	0	18.95	19.68	30	PASS
Band66	15MHz	QPSK	132322	6RB#0	0	19.08	19.81	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	11	19.29	20.02	30	PASS
Band66	15MHz	QPSK	132597	1RB#5	11	18.94	19.67	30	PASS
Band66	15MHz	QPSK	132597	3RB#0	11	19.06	19.79	30	PASS
Band66	15MHz	QPSK	132597	3RB#3	11	18.91	19.64	30	PASS
Band66	15MHz	QPSK	132597	6RB#0	11	18.97	19.7	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	0	19.06	19.79	30	PASS
Band66	15MHz	16QAM	132047	1RB#5	0	19.08	19.81	30	PASS
Band66	15MHz	16QAM	132047	3RB#0	0	18.98	19.71	30	PASS
Band66	15MHz	16QAM	132047	3RB#3	0	18.86	19.59	30	PASS
Band66	15MHz	16QAM	132047	6RB#0	0	18.76	19.49	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	0	19.19	19.92	30	PASS
Band66	15MHz	16QAM	132322	1RB#5	0	19.14	19.87	30	PASS
Band66	15MHz	16QAM	132322	3RB#0	0	18.96	19.69	30	PASS
Band66	15MHz	16QAM	132322	3RB#3	0	18.86	19.59	30	PASS
Band66	15MHz	16QAM	132322	6RB#0	0	18.81	19.54	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	11	19.17	19.9	30	PASS
Band66	15MHz	16QAM	132597	1RB#5	11	19.11	19.84	30	PASS

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Band66	15MHz	16QAM	132597	3RB#0	11	18.93	19.66	30	PASS
Band66	15MHz	16QAM	132597	3RB#3	11	18.82	19.55	30	PASS
Band66	15MHz	16QAM	132597	6RB#0	11	18.8	19.53	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	0	19.33	20.06	30	PASS
Band66	20MHz	QPSK	132072	1RB#5	0	19.04	19.77	30	PASS
Band66	20MHz	QPSK	132072	3RB#0	0	19.09	19.82	30	PASS
Band66	20MHz	QPSK	132072	3RB#3	0	18.89	19.62	30	PASS
Band66	20MHz	QPSK	132072	6RB#0	0	19.03	19.76	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	0	19.45	20.18	30	PASS
Band66	20MHz	QPSK	132322	1RB#5	0	19.11	19.84	30	PASS
Band66	20MHz	QPSK	132322	3RB#0	0	19.19	19.92	30	PASS
Band66	20MHz	QPSK	132322	3RB#3	0	19.1	19.83	30	PASS
Band66	20MHz	QPSK	132322	6RB#0	0	19.17	19.9	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	15	19.39	20.12	30	PASS
Band66	20MHz	QPSK	132572	1RB#5	15	19.06	19.79	30	PASS
Band66	20MHz	QPSK	132572	3RB#0	15	19.14	19.87	30	PASS
Band66	20MHz	QPSK	132572	3RB#3	15	19.02	19.75	30	PASS
Band66	20MHz	QPSK	132572	6RB#0	15	19.1	19.83	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	0	19.18	19.91	30	PASS
Band66	20MHz	16QAM	132072	1RB#5	0	19.22	19.95	30	PASS
Band66	20MHz	16QAM	132072	3RB#0	0	19.09	19.82	30	PASS
Band66	20MHz	16QAM	132072	3RB#3	0	18.97	19.7	30	PASS
Band66	20MHz	16QAM	132072	6RB#0	0	18.9	19.63	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	0	19.34	20.07	30	PASS
Band66	20MHz	16QAM	132322	1RB#5	0	19.25	19.98	30	PASS
Band66	20MHz	16QAM	132322	3RB#0	0	19.12	19.85	30	PASS
Band66	20MHz	16QAM	132322	3RB#3	0	19.02	19.75	30	PASS
Band66	20MHz	16QAM	132322	6RB#0	0	18.95	19.68	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	15	19.24	19.97	30	PASS
Band66	20MHz	16QAM	132572	1RB#5	15	19.15	19.88	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	20MHz	16QAM	132572	3RB#0	15	19.04	19.77	30	PASS
Band66	20MHz	16QAM	132572	3RB#3	15	18.93	19.66	30	PASS
Band66	20MHz	16QAM	132572	6RB#0	15	18.86	19.59	30	PASS

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Field Strength of Spurious Radiation

Test Band = LTE Cat-M1 Band 66

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	65.49	-43.26	29.58	-43.44	-13.00	30.44	Horizontal
2	4227	42.22	-42.12	31.66	-63.49	-13.00	50.49	Horizontal
3	6153.75	38.48	-39.75	35.11	-61.42	-13.00	48.42	Horizontal
4	8542.5	35.39	-35.40	37.37	-57.90	-13.00	44.90	Horizontal
5	11480.25	31.15	-30.06	38.40	-55.77	-13.00	42.77	Horizontal
6	13820.25	30.84	-29.33	40.17	-53.58	-13.00	40.58	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	65.36	-43.26	29.58	-43.57	-13.00	30.57	Vertical
2	4227	44.03	-42.12	31.66	-61.68	-13.00	48.68	Vertical
3	5898	38.81	-40.18	34.45	-62.18	-13.00	49.18	Vertical
4	9240	33.87	-34.32	37.67	-58.04	-13.00	45.04	Vertical
5	12414	30.52	-29.53	38.90	-55.38	-13.00	42.38	Vertical
6	15619.5	30.13	-27.66	38.92	-53.87	-13.00	40.87	Vertical

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Test Band = LTE Cat-M1 Band 66

Test Channel = MCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5	65.47	-43.14	29.59	-43.34	-13.00	30.34	Horizontal
2	4851.75	41.13	-41.34	32.87	-62.60	-13.00	49.60	Horizontal
3	6679.5	37.72	-38.82	35.87	-60.48	-13.00	47.48	Horizontal
4	9235.5	33.92	-34.33	37.67	-58.00	-13.00	45.00	Horizontal
5	11346	31.50	-30.19	38.40	-55.55	-13.00	42.55	Horizontal
6	14343	30.92	-28.76	40.23	-52.87	-13.00	39.87	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5	64.44	-43.14	29.59	-44.37	-13.00	31.37	Vertical
2	4277.25	42.88	-42.06	31.74	-62.69	-13.00	49.69	Vertical
3	6444.75	38.02	-39.19	35.69	-60.74	-13.00	47.74	Vertical
4	9297.75	33.59	-34.17	37.69	-58.15	-13.00	45.15	Vertical
5	10656.75	31.76	-30.90	38.23	-56.18	-13.00	43.18	Vertical
6	14302.5	29.89	-28.58	40.24	-53.71	-13.00	40.71	Vertical

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Test Band = LTE Cat-M1 Band 66

Test Channel = HCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.75	65.36	-43.01	29.68	-43.23	-13.00	30.23	Horizontal
2	4959.75	44.01	-41.36	33.11	-59.50	-13.00	46.50	Horizontal
3	6423	37.60	-39.18	35.65	-61.19	-13.00	48.19	Horizontal
4	9662.25	32.98	-33.20	37.80	-57.68	-13.00	44.68	Horizontal
5	12098.25	30.94	-29.26	38.52	-55.06	-13.00	42.06	Horizontal
6	14775	29.55	-27.50	40.15	-53.06	-13.00	40.06	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.75	62.64	-43.01	29.68	-45.95	-13.00	32.95	Vertical
2	4326.75	42.08	-42.06	31.82	-63.42	-13.00	50.42	Vertical
3	6684	37.77	-38.81	35.87	-60.42	-13.00	47.42	Vertical
4	9606.75	40.46	-33.46	37.78	-50.48	-13.00	37.48	Vertical
5	12136.5	30.82	-29.43	38.56	-55.30	-13.00	42.30	Vertical
6	15349.5	29.84	-27.65	39.44	-53.63	-13.00	40.63	Vertical

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