



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

SUWI-TRF-RF A001

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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26(824-849)	1.4MHz	QPSK	26797	1RB#0	0	19.41	16.93	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	1RB#5	0	19.33	16.85	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	3RB#0	0	18.41	15.93	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	3RB#3	0	18.36	15.88	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26797	6RB#0	0	17.64	15.16	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#0	0	19.44	16.96	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	1RB#5	0	19.44	16.96	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	3RB#0	0	18.49	16.01	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	3RB#3	0	18.48	16	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	26915	6RB#0	0	17.71	15.23	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#0	0	19.26	16.78	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	1RB#5	0	19.23	16.75	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	3RB#0	0	18.33	15.85	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	3RB#3	0	18.26	15.78	38.45	PASS
Band26(824-849)	1.4MHz	QPSK	27033	6RB#0	0	17.54	15.06	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#0	0	18.29	15.81	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	1RB#5	0	18.32	15.84	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	3RB#0	0	17.62	15.14	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	3RB#3	0	17.72	15.24	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26797	6RB#0	0	17.65	15.17	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#0	0	18.33	15.85	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	1RB#5	0	18.44	15.96	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	3RB#0	0	17.7	15.22	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	3RB#3	0	17.84	15.36	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	26915	6RB#0	0	17.68	15.2	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#0	0	18.17	15.69	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	1RB#5	0	18.24	15.76	38.45	PASS

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Band26(824-849)	1.4MHz	16QAM	27033	3RB#0	0	17.52	15.04	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	3RB#3	0	17.63	15.15	38.45	PASS
Band26(824-849)	1.4MHz	16QAM	27033	6RB#0	0	17.52	15.04	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#0	0	19.48	17	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	1RB#5	0	19.21	16.73	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	3RB#0	0	19.27	16.79	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	3RB#3	0	19.08	16.6	38.45	PASS
Band26(824-849)	3MHz	QPSK	26805	6RB#0	0	19.36	16.88	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#0	0	19.51	17.03	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	1RB#5	0	19.22	16.74	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	3RB#0	0	19.43	16.95	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	3RB#3	0	19.27	16.79	38.45	PASS
Band26(824-849)	3MHz	QPSK	26915	6RB#0	0	19.42	16.94	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#0	1	19.28	16.8	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	1RB#5	1	19.11	16.63	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	3RB#0	1	19.13	16.65	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	3RB#3	1	19.02	16.54	38.45	PASS
Band26(824-849)	3MHz	QPSK	27025	6RB#0	1	19.19	16.71	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#0	0	19.26	16.78	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	1RB#5	0	19.37	16.89	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	3RB#0	0	19.23	16.75	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	3RB#3	0	19.09	16.61	38.45	PASS
Band26(824-849)	3MHz	16QAM	26805	6RB#0	0	19.22	16.74	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#0	0	19.33	16.85	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	1RB#5	0	19.48	17	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	3RB#0	0	19.25	16.77	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	3RB#3	0	19.26	16.78	38.45	PASS
Band26(824-849)	3MHz	16QAM	26915	6RB#0	0	19.28	16.8	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#0	1	19.25	16.77	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	1RB#5	1	19.09	16.61	38.45	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26(824-849)	3MHz	16QAM	27025	3RB#0	1	19.01	16.53	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	3RB#3	1	19.02	16.54	38.45	PASS
Band26(824-849)	3MHz	16QAM	27025	6RB#0	1	18.96	16.48	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#0	0	19.5	17.02	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	1RB#5	0	19.2	16.72	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	3RB#0	0	19.23	16.75	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	3RB#3	0	19.12	16.64	38.45	PASS
Band26(824-849)	5MHz	QPSK	26815	6RB#0	0	19.39	16.91	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#0	0	19.57	17.09	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	1RB#5	0	19.25	16.77	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	3RB#0	0	19.33	16.85	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	3RB#3	0	19.25	16.77	38.45	PASS
Band26(824-849)	5MHz	QPSK	26915	6RB#0	0	19.41	16.93	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#0	3	19.33	16.85	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	1RB#5	3	19.14	16.66	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	3RB#0	3	19.09	16.61	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	3RB#3	3	19.07	16.59	38.45	PASS
Band26(824-849)	5MHz	QPSK	27015	6RB#0	3	19.18	16.7	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#0	0	19.36	16.88	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	1RB#5	0	19.38	16.9	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	3RB#0	0	19.15	16.67	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	3RB#3	0	19.12	16.64	38.45	PASS
Band26(824-849)	5MHz	16QAM	26815	6RB#0	0	19.23	16.75	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#0	0	19.35	16.87	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	1RB#5	0	19.39	16.91	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	3RB#0	0	19.2	16.72	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	3RB#3	0	19.24	16.76	38.45	PASS
Band26(824-849)	5MHz	16QAM	26915	6RB#0	0	19.22	16.74	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#0	3	19.22	16.74	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	1RB#5	3	19.17	16.69	38.45	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26(824-849)	5MHz	16QAM	27015	3RB#0	3	18.95	16.47	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	3RB#3	3	19.05	16.57	38.45	PASS
Band26(824-849)	5MHz	16QAM	27015	6RB#0	3	18.95	16.47	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#0	0	19.47	16.99	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	1RB#5	0	19.17	16.69	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	3RB#0	0	19.28	16.8	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	3RB#3	0	19.06	16.58	38.45	PASS
Band26(824-849)	10MHz	QPSK	26840	6RB#0	0	19.36	16.88	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#0	0	19.59	17.11	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	1RB#5	0	19.22	16.74	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	3RB#0	0	19.37	16.89	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	3RB#3	0	19.25	16.77	38.45	PASS
Band26(824-849)	10MHz	QPSK	26915	6RB#0	0	19.42	16.94	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#0	7	19.36	16.88	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	1RB#5	7	19.1	16.62	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	3RB#0	7	19.15	16.67	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	3RB#3	7	19.06	16.58	38.45	PASS
Band26(824-849)	10MHz	QPSK	26990	6RB#0	7	19.27	16.79	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#0	0	19.34	16.86	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	1RB#5	0	19.38	16.9	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	3RB#0	0	19.17	16.69	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	3RB#3	0	19.16	16.68	38.45	PASS
Band26(824-849)	10MHz	16QAM	26840	6RB#0	0	19.24	16.76	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#0	0	19.42	16.94	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	1RB#5	0	19.4	16.92	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	3RB#0	0	19.3	16.82	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	3RB#3	0	19.18	16.7	38.45	PASS
Band26(824-849)	10MHz	16QAM	26915	6RB#0	0	19.25	16.77	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#0	7	19.21	16.73	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	1RB#5	7	19.15	16.67	38.45	PASS

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Band26(824-849)	10MHz	16QAM	26990	3RB#0	7	18.97	16.49	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	3RB#3	7	19.02	16.54	38.45	PASS
Band26(824-849)	10MHz	16QAM	26990	6RB#0	7	18.98	16.5	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#0	0	19.55	17.07	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	1RB#5	0	19.24	16.76	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	3RB#0	0	19.35	16.87	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	3RB#3	0	19.22	16.74	38.45	PASS
Band26(824-849)	15MHz	QPSK	26865	6RB#0	0	19.43	16.95	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#0	0	19.57	17.09	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	1RB#5	0	19.25	16.77	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	3RB#0	0	19.4	16.92	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	3RB#3	0	19.26	16.78	38.45	PASS
Band26(824-849)	15MHz	QPSK	26915	6RB#0	0	19.47	16.99	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#0	11	19.44	16.96	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	1RB#5	11	19.2	16.72	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	3RB#0	11	19.22	16.74	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	3RB#3	11	19.16	16.68	38.45	PASS
Band26(824-849)	15MHz	QPSK	26965	6RB#0	11	19.33	16.85	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#0	0	19.38	16.9	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	1RB#5	0	19.41	16.93	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	3RB#0	0	19.26	16.78	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	3RB#3	0	19.22	16.74	38.45	PASS
Band26(824-849)	15MHz	16QAM	26865	6RB#0	0	19.25	16.77	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#0	0	19.38	16.9	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	1RB#5	0	19.42	16.94	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	3RB#0	0	19.27	16.79	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	3RB#3	0	19.27	16.79	38.45	PASS
Band26(824-849)	15MHz	16QAM	26915	6RB#0	0	19.32	16.84	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#0	11	19.35	16.87	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	1RB#5	11	19.24	16.76	38.45	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26(824-849)	15MHz	16QAM	26965	3RB#0	11	19.08	16.6	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	3RB#3	11	19.1	16.62	38.45	PASS
Band26(824-849)	15MHz	16QAM	26965	6RB#0	11	19.05	16.57	38.45	PASS

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Field Strength of Spurious Radiation

Test Band = LTE Cat-M1 Band 26 15M

Test Channel = LCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1675.1111	68.25	-46.59	24.60	-49.00	-13.00	36.00	Horizontal
2	2476	56.24	-45.03	27.35	-56.70	-13.00	43.70	Horizontal
3	3488.4444	59.13	-43.34	29.60	-49.87	-13.00	36.87	Horizontal
4	5212.4444	40.85	-40.96	33.16	-62.21	-13.00	49.21	Horizontal
5	6280	39.93	-39.64	35.36	-59.61	-13.00	46.61	Horizontal
6	7206.6667	51.35	-37.96	36.25	-45.62	-13.00	32.62	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1675.1111	72.90	-46.59	24.60	-44.35	-13.00	31.35	Vertical
2	2512.8889	54.93	-44.95	27.45	-57.83	-13.00	44.83	Vertical
3	3488.4444	55.88	-43.34	29.60	-53.12	-13.00	40.12	Vertical
4	4960.4444	52.09	-41.35	33.11	-51.40	-13.00	38.40	Vertical
5	6160.4444	39.67	-39.86	35.12	-60.32	-13.00	47.32	Vertical
6	7206.2222	64.76	-37.96	36.25	-32.21	-13.00	19.21	Vertical

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Test Band = LTE Cat-M1 Band 26 15M

Test Channel = MCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1684.8889	69.33	-46.57	24.60	-47.90	-13.00	34.90	Horizontal
2	2472.8889	58.09	-45.04	27.34	-54.87	-13.00	41.87	Horizontal
3	3508.4444	58.25	-43.31	29.63	-50.69	-13.00	37.69	Horizontal
4	4432	41.48	-42.07	31.99	-63.86	-13.00	50.86	Horizontal
5	5614.6667	39.94	-40.57	33.49	-62.40	-13.00	49.40	Horizontal
6	7277.3333	40.78	-37.86	36.33	-56.01	-13.00	43.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1660	71.26	-46.63	24.60	-46.03	-13.00	33.03	Vertical
2	2427.1111	69.27	-45.18	27.24	-43.93	-13.00	30.93	Vertical
3	3508.4444	56.58	-43.31	29.63	-52.36	-13.00	39.36	Vertical
4	4033.7778	41.92	-42.67	31.35	-64.65	-13.00	51.65	Vertical
5	5298.2222	40.36	-40.80	33.14	-62.56	-13.00	49.56	Vertical
6	7278.6667	66.03	-37.86	36.33	-30.76	-13.00	17.76	Vertical

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Test Band = LTE Cat-M1 Band 26 15M

Test Channel = HCH

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1524.4444	44.70	-47.01	24.79	-72.78	-13.00	59.78	Horizontal
2	3121.7778	48.81	-43.97	29.52	-60.90	-13.00	47.90	Horizontal
3	3525.7778	57.65	-43.30	29.69	-51.22	-13.00	38.22	Horizontal
4	3792.8889	49.65	-43.02	30.60	-58.04	-13.00	45.04	Horizontal
5	5305.3333	40.50	-40.80	33.14	-62.42	-13.00	49.42	Horizontal
6	7242.6667	40.08	-37.91	36.29	-56.80	-13.00	43.80	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1612.4444	44.91	-46.76	24.60	-72.51	-13.00	59.51	Vertical
2	2956.4444	52.77	-44.06	29.32	-57.23	-13.00	44.23	Vertical
3	3710.6667	48.28	-43.15	30.32	-59.82	-13.00	46.82	Vertical
4	4852	49.48	-41.48	32.87	-54.39	-13.00	41.39	Vertical
5	6059.1111	39.55	-40.06	34.92	-60.86	-13.00	47.86	Vertical
6	7278.6667	46.21	-37.86	36.33	-50.58	-13.00	37.58	Vertical

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