



# 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)	ERP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0	20.13	16.72	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#5	0	20.07	16.66	34.77	PASS
Band13	5MHz	QPSK	23205	3RB#0	0	20.03	16.62	34.77	PASS
Band13	5MHz	QPSK	23205	3RB#3	0	19.86	16.45	34.77	PASS
Band13	5MHz	QPSK	23205	6RB#0	0	19.12	15.71	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	0	20.22	16.81	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#5	0	20.14	16.73	34.77	PASS
Band13	5MHz	QPSK	23230	3RB#0	0	20.12	16.71	34.77	PASS
Band13	5MHz	QPSK	23230	3RB#3	0	20.03	16.62	34.77	PASS
Band13	5MHz	QPSK	23230	6RB#0	0	19.26	15.85	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	3	20.19	16.78	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#5	3	20.1	16.69	34.77	PASS
Band13	5MHz	QPSK	23255	3RB#0	3	20.08	16.67	34.77	PASS
Band13	5MHz	QPSK	23255	3RB#3	3	19.93	16.52	34.77	PASS
Band13	5MHz	QPSK	23255	6RB#0	3	19.24	15.83	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#0	0	19.43	16.02	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#5	0	19.28	15.87	34.77	PASS
Band13	5MHz	16QAM	23205	3RB#0	0	19.19	15.78	34.77	PASS
Band13	5MHz	16QAM	23205	3RB#3	0	19.03	15.62	34.77	PASS
Band13	5MHz	16QAM	23205	6RB#0	0	19.08	15.67	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	0	19.53	16.12	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#5	0	19.37	15.96	34.77	PASS
Band13	5MHz	16QAM	23230	3RB#0	0	19.28	15.87	34.77	PASS
Band13	5MHz	16QAM	23230	3RB#3	0	19.12	15.71	34.77	PASS
Band13	5MHz	16QAM	23230	6RB#0	0	19.17	15.76	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	3	19.45	16.04	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#5	3	19.29	15.88	34.77	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Index	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band13	5MHz	16QAM	23255	3RB#0	3	19.21	15.8	34.77	PASS
Band13	5MHz	16QAM	23255	3RB#3	3	19.04	15.63	34.77	PASS
Band13	5MHz	16QAM	23255	6RB#0	3	19.09	15.68	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	0	20.27	16.86	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#5	0	20.12	16.71	34.77	PASS
Band13	10MHz	QPSK	23230	3RB#0	0	20.21	16.8	34.77	PASS
Band13	10MHz	QPSK	23230	3RB#3	0	20.18	16.77	34.77	PASS
Band13	10MHz	QPSK	23230	6RB#0	0	19.32	15.91	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	0	19.65	16.24	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#5	0	19.44	16.03	34.77	PASS
Band13	10MHz	16QAM	23230	3RB#0	0	19.35	15.94	34.77	PASS
Band13	10MHz	16QAM	23230	3RB#3	0	19.28	15.87	34.77	PASS
Band13	10MHz	16QAM	23230	6RB#0	0	19.33	15.92	34.77	PASS

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## Field Strength of Spurious Radiation

Test Band = LTE Cat-M1 Band 13 10M

Test Channel = MCH

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1555.5	59.04	-46.92	24.71	-58.43	-13.00	45.43	Horizontal
2	2333.5	64.75	-45.39	27.03	-48.87	-13.00	35.87	Horizontal
3	2995.5	46.67	-43.97	29.48	-63.08	-13.00	50.08	Horizontal
4	3742	43.44	-43.10	30.42	-64.50	-13.00	51.50	Horizontal
5	6805	42.61	-38.28	35.92	-55.01	-13.00	42.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1555	58.41	-46.92	24.71	-59.06	-13.00	46.06	Vertical
2	2333	62.63	-45.39	27.03	-50.99	-13.00	37.99	Vertical
3	2995.5	52.97	-43.97	29.48	-56.78	-13.00	43.78	Vertical
4	3914.5	43.71	-42.88	31.01	-63.42	-13.00	50.42	Vertical
5	5240	42.39	-40.91	33.15	-60.63	-13.00	47.63	Vertical
6	7755.5	43.45	-37.10	36.86	-52.06	-13.00	39.06	Vertical

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**Test Band = LTE Cat-M1 Band 13 5M**  
**Test Channel = LCH**

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1562.5	58.84	-46.90	24.69	-58.63	-40.00	18.63	Horizontal
2	1783.5	59.75	-46.43	24.60	-57.34	-13.00	44.34	Horizontal
3	2344.5	64.51	-45.37	27.06	-49.06	-13.00	36.06	Horizontal
4	3110	45.91	-43.99	29.52	-63.82	-13.00	50.82	Horizontal
5	4851.5	55.11	-41.48	32.87	-48.76	-13.00	35.76	Horizontal
6	6994.5	43.11	-38.32	36.00	-54.47	-13.00	41.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1554.5	58.08	-46.92	24.71	-59.39	-13.00	46.39	Vertical
2	1748	65.36	-46.47	24.60	-51.77	-13.00	38.77	Vertical
3	2332	62.80	-45.39	27.03	-50.82	-13.00	37.82	Vertical
4	2994	53.81	-43.97	29.47	-55.95	-13.00	42.95	Vertical
5	4427.5	43.02	-42.07	31.98	-62.32	-13.00	49.32	Vertical
6	7440.5	51.32	-37.82	36.53	-45.24	-13.00	32.24	Vertical

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**Test Band = LTE Cat-M1 Band 13 5M**

**Test Channel = MCH**

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1559.5	61.63	-46.91	24.70	-55.84	-40.00	15.84	Horizontal
2	2339.5	63.25	-45.38	27.05	-50.34	-13.00	37.34	Horizontal
3	3004	47.13	-43.96	29.50	-62.59	-13.00	49.59	Horizontal
4	3991	43.16	-42.83	31.27	-63.66	-13.00	50.66	Horizontal
5	6044.5	41.39	-40.10	34.89	-59.08	-13.00	46.08	Horizontal
6	7440.5	47.28	-37.82	36.53	-49.28	-13.00	36.28	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1559.5	57.81	-46.91	24.70	-59.66	-40.00	19.66	Vertical
2	2340	62.72	-45.38	27.05	-50.87	-13.00	37.87	Vertical
3	3004	54.31	-43.96	29.50	-55.41	-13.00	42.41	Vertical
4	4491.5	43.26	-42.06	32.09	-61.97	-13.00	48.97	Vertical
5	6333.5	42.19	-39.52	35.47	-57.12	-13.00	44.12	Vertical
6	7882.5	44.57	-36.91	36.98	-50.62	-13.00	37.62	Vertical

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**Test Band = LTE Cat-M1 Band 13 5M**  
**Test Channel = HCH**

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1564.5	59.24	-46.89	24.69	-58.22	-40.00	18.22	Horizontal
2	1779	63.66	-46.44	24.60	-53.44	-13.00	40.44	Horizontal
3	2359	63.20	-45.34	27.09	-50.31	-13.00	37.31	Horizontal
4	3768	43.54	-43.06	30.51	-64.27	-13.00	51.27	Horizontal
5	5290.5	42.52	-40.82	33.14	-60.42	-13.00	47.42	Horizontal
6	7279	65.62	-37.86	36.33	-31.16	-13.00	18.16	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB $\mu$ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1564.5	58.30	-46.89	24.69	-59.16	-40.00	19.16	Vertical
2	2347	60.57	-45.37	27.06	-52.99	-13.00	39.99	Vertical
3	3014	54.10	-43.97	29.50	-55.62	-13.00	42.62	Vertical
4	4441	42.82	-42.07	32.01	-62.50	-13.00	49.50	Vertical
5	5857.5	41.56	-40.13	34.32	-59.51	-13.00	46.51	Vertical
6	7439.5	47.57	-37.82	36.53	-48.99	-13.00	35.99	Vertical

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