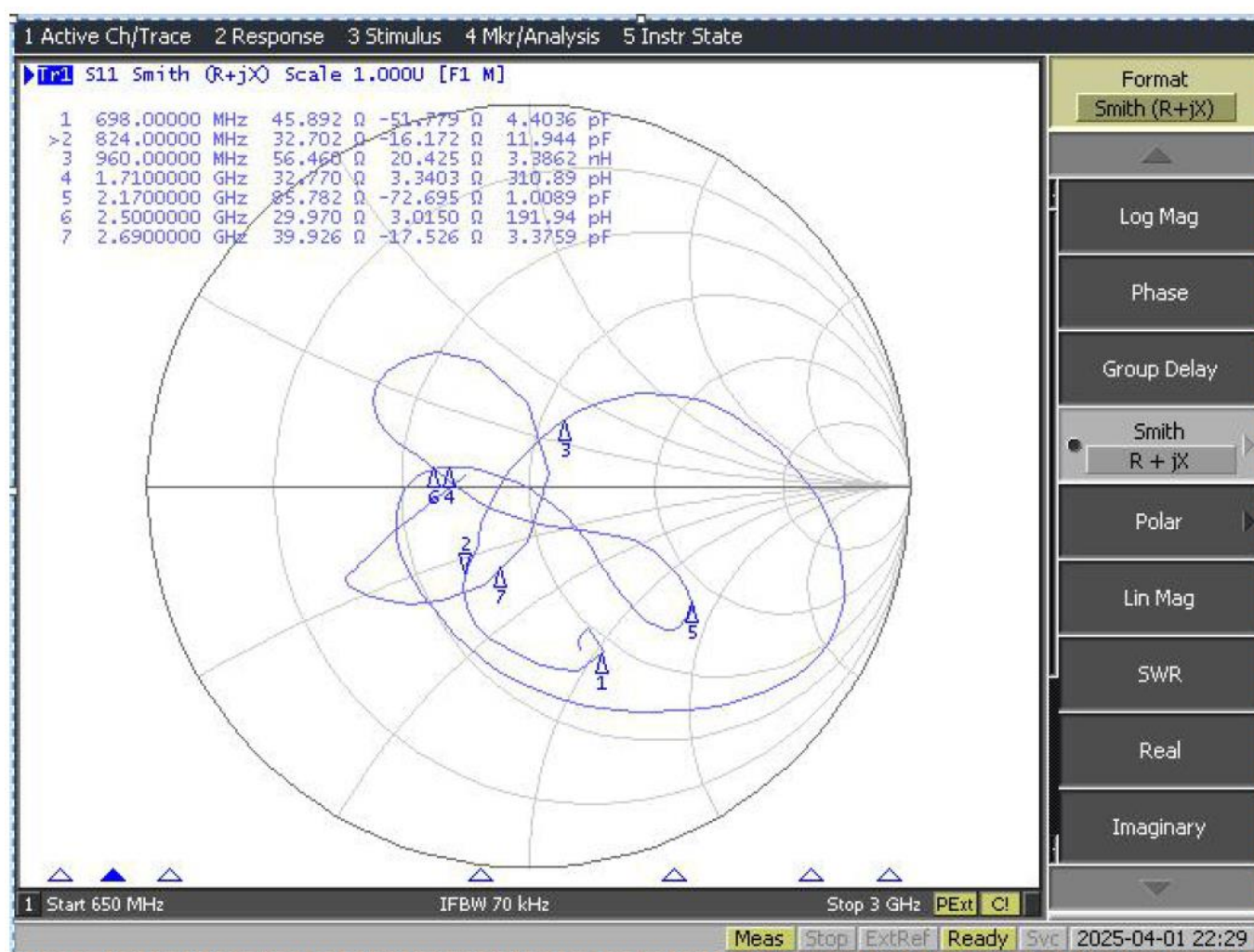


RT101 WWAN Antenna Spec

1. Antenna Information

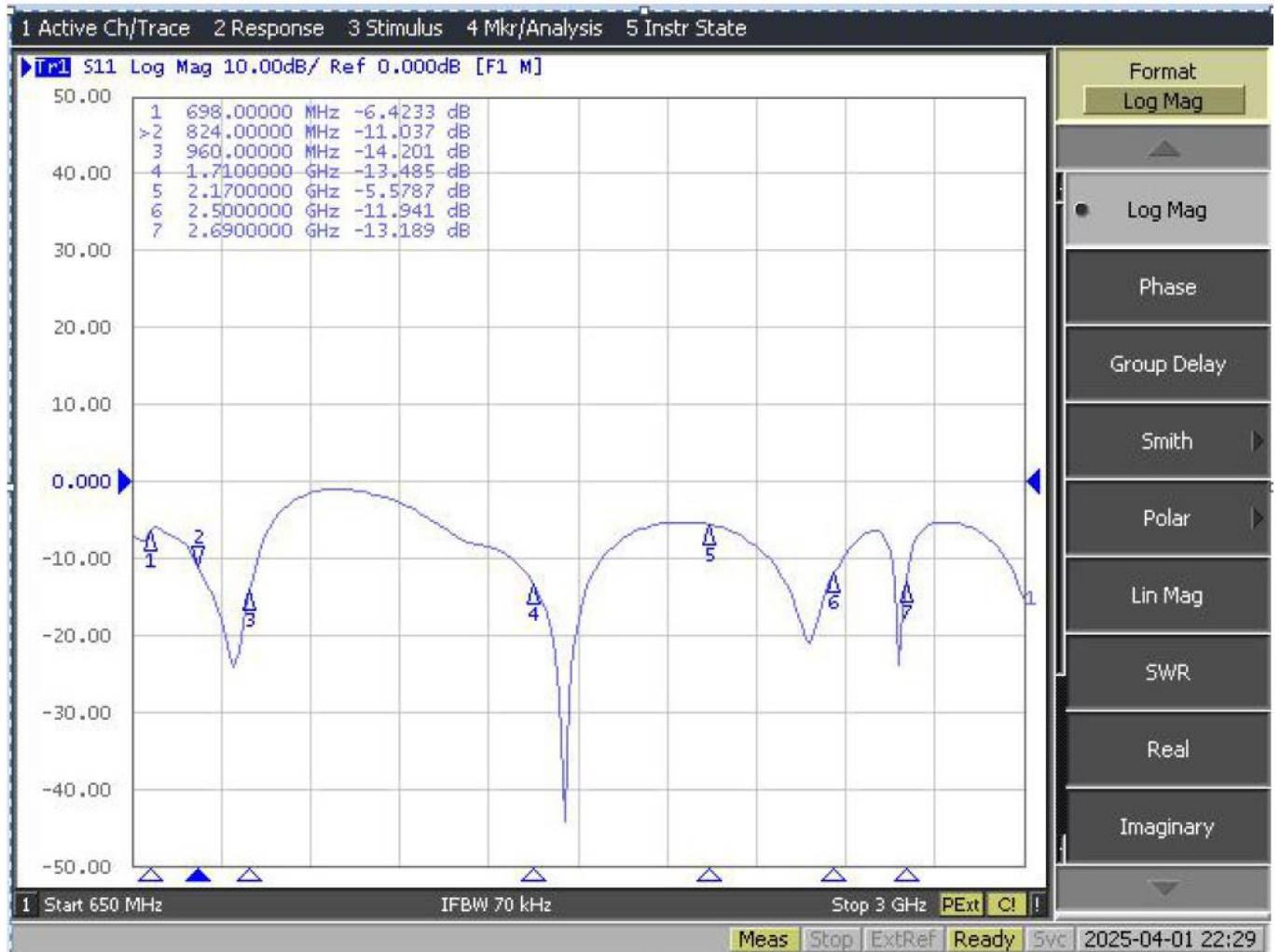
Antenna Manufacturer Company Name	SHENZHEN HAOTIAN CHENG WIRELESS TECHNOLOGY CO.,LTD.
Antenna Manufacturer Company Address	Building B, Block 505, Xinleiou Electronic Factory, Xingdong Community, Xin'an Street, Bao'an District, Shenzhen, China
Antenna Brand	AMOBILE
WWAN Antenna Model Name	HTC-RT101-2025001
Antenna Type	Monopole Antenna
Antenna Peak Gain	Main Antenna: 3.63 dBi

2. WWAN Antenna pattern



RT101 WWAN Antenna Spec

3. WWAN Antenna VSWR



RT101 WWAN Antenna Spec

4. WWAN Antenna Gain Table

	A	B	C	D	E	F	G	H	I	J	K	L
	Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)	Freq (MHz)	Effi (%)	Gain (dBi)
1												
2												
3	650	24.42	-1.42	1700	57.06	3.56	2040	48.47	1.43	2380	46.32	1.77
4	660	26.99	-1.59	1710	57.35	3.6	2050	42.84	0.95	2390	44.02	1.4
5	670	32.25	-0.96	1720	54.08	3.29	2060	47.51	1.33	2400	47.57	1.49
6	680	31.74	-0.79	1730	54.21	3.09	2070	48.86	1.58	2410	48.23	1.68
7	690	33.12	-0.77	1740	58.18	3.25	2080	53.18	2.08	2420	51.1	1.76
8	700	33.18	-1.1	1750	61.39	3.45	2090	54	2.25	2430	47.93	1.56
9	710	27.51	-1.43	1760	65.16	3.63	2100	52.85	2.19	2440	47.96	1.29
0	720	32.86	-0.41	1770	60.08	3.17	2110	43.22	1.3	2450	50.02	1.35
1	730	36.09	0.08	1780	60.55	3.04	2120	41.7	1.06	2460	47.4	0.93
2	740	35.58	-0.15	1790	59.35	2.9	2130	46.15	1.35	2470	48.49	0.98
3	750	36.5	-0.57	1800	55.24	2.32	2140	47.01	1.35	2480	52.84	1.35
4	760	40.12	-0.41	1810	56.21	2.33	2150	46.36	1.24	2490	53.72	1.43
5	770	38.91	-0.51	1820	56.91	2.29	2160	46.31	1.23	2500	47.79	0.91
6	780	41.94	-0.52	1830	56.55	2.19	2170	45.98	1.27	2510	43.98	0.37
7	790	50.16	0.39	1840	51.1	1.76	2180	39.95	0.77	2520	38.2	-0.34
8	800	59.79	2.01	1850	51.43	1.63	2190	40.56	0.92	2530	42.05	-0.11
9	810	59.84	2.21	1860	54.65	1.51	2200	46.98	1.61	2540	45.37	0.18
0	820	56.63	2.37	1870	54.27	1.21	2210	48.31	1.69	2550	47.87	0.61
1	830	54.54	2.53	1880	56.81	1.36	2220	47.56	1.57	2560	46.24	0.52
2	840	52.62	2.33	1890	59.92	1.43	2230	47.91	1.55	2570	44.97	0.42
3	850	54.28	2.24	1900	57.85	0.98	2240	48.56	1.58	2580	47.19	0.68
4	860	52.38	1.83	1910	52.36	0.7	2250	41.66	0.93	2590	43.21	0.32
5	870	50.88	1.69	1920	54.49	0.96	2260	41.74	1.02	2600	43.34	0.69
6	880	48.4	1.34	1930	62.28	1.66	2270	47.21	1.74	2610	41.06	0.88
7	890	46.15	1.18	1940	61.87	1.74	2280	45.2	1.66	2620	40.52	0.81
8	900	46.98	1.18	1950	65.37	1.94	2290	41.45	1.59	2630	40.04	0.97
9	910	46.07	1.08	1960	65.3	1.91	2300	42.31	1.69	2640	39.83	0.93
0	920	44.61	0.95	1970	59.84	1.58	2310	40.12	1.55	2650	41.78	1.28
1	930	42.27	0.73	1980	55	1.26	2320	38.38	1.25	2660	41.12	1.2
2	940	43.35	0.71	1990	54.69	1.37	2330	42.64	1.66	2670	41.42	0.87
3	950	40.25	0.36	2000	59.81	1.83	2340	44.83	2.01	2680	42.46	0.96
4	960	38.98	-0.09	2010	58.71	1.87	2350	45.83	1.96	2690	44.74	1.16
5	970	42.59	0.52	2020	55.99	1.78	2360	43.44	1.81	2700	44.75	1.09