

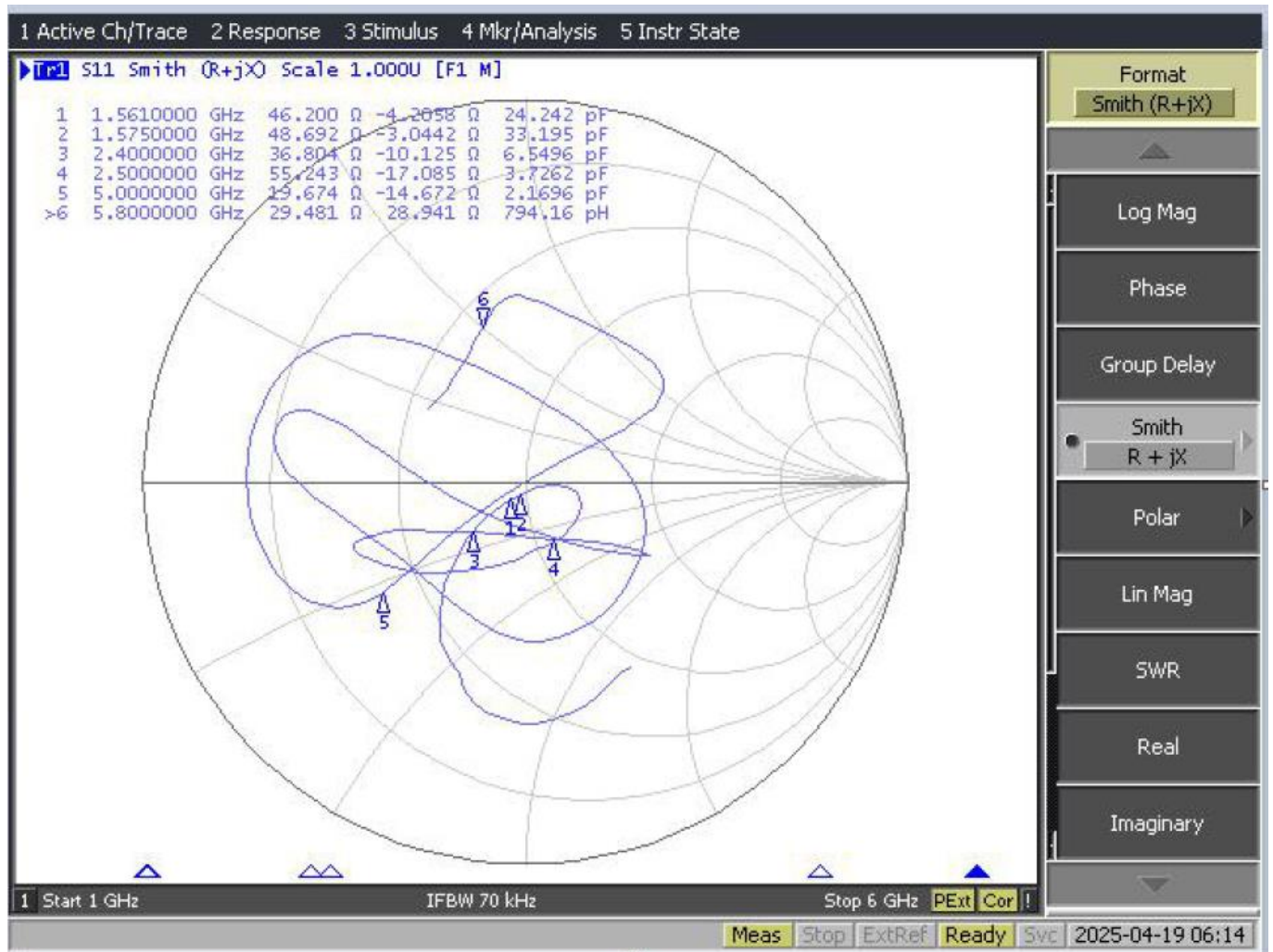
RT101 WLAN / BT Antenna Spec

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
WLAN / BT Antenna Model Name	HTC-RT101-2025003
Antenna Type	PIFA Antenna
Antenna Peak Gain	2.4G WLAN / BT / BLE: 1.38 dBi UNII-1: 1.28 dBi UNII-2A: 2.43 dBi UNII-2C: 2.16 dBi UNII-3: 1.73 dBi UNII-5: 2.67 dBi UNII-6: 2.67 dBi UNII-7: 2.00 dBi UNII-8: 1.77 dBi

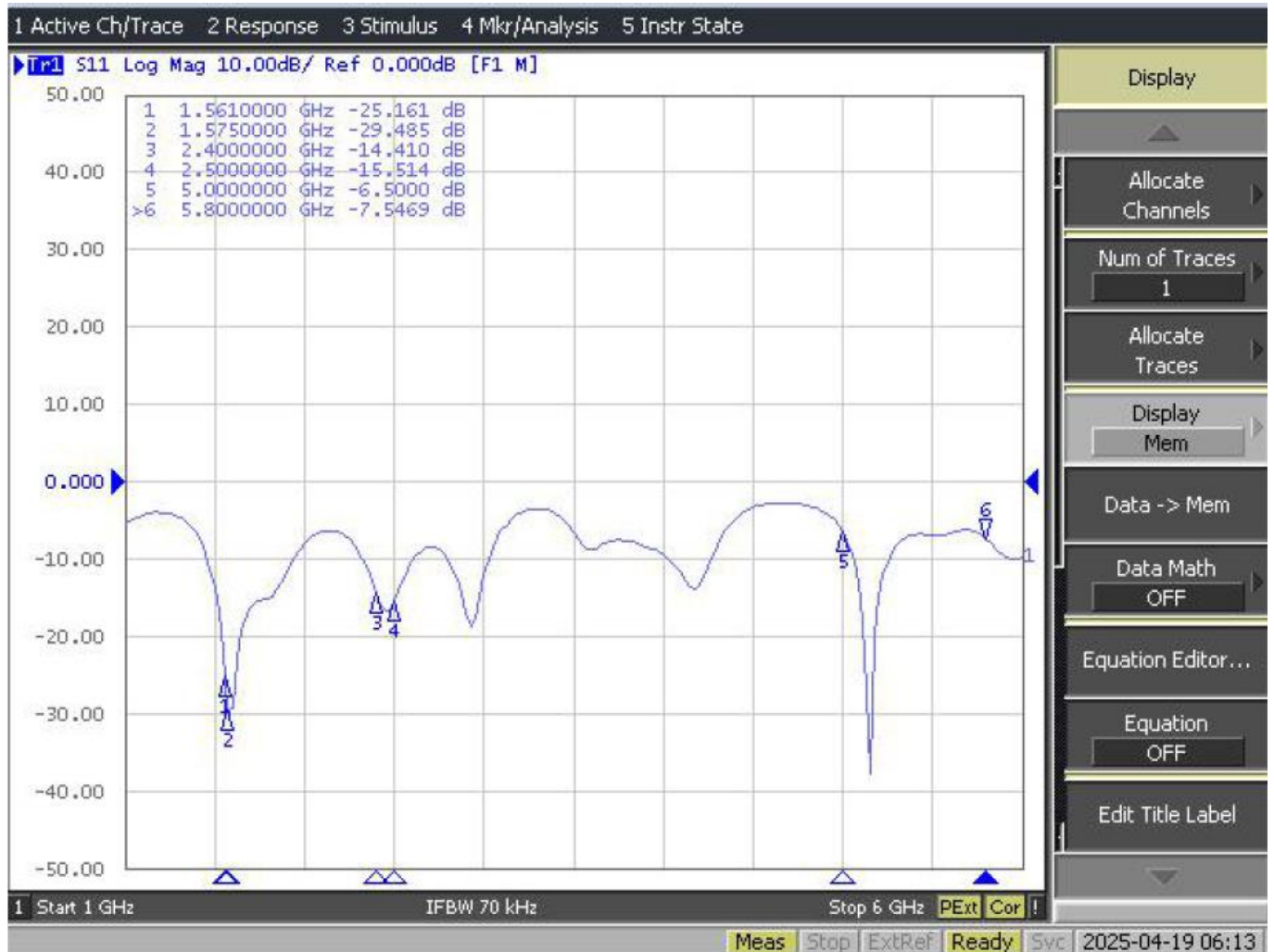
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2. WLAN / BT Antenna pattern



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3. WLAN / BT Antenna VSWR



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4. WLAN / BT Antenna Gain Table

Freq	Efficiency	Gain(dB)	Freq	Efficiency	Gain(dB)	Freq	Efficiency	Gain(dB)	Freq	Efficiency	Gain(dB)
1560	42.97	0.13	2400	39.46	1.38	5150	35.46	0.19	5970	39.13	0.72
1565	43.96	0.28	2410	38.35	1.18	5200	36.76	0.74	6020	38.99	0.93
1570	45.31	0.26	2420	39.55	1.20	5250	39.93	1.28	6070	39.89	0.84
1575	45.15	0.29	2430	40.04	1.10	5300	42.72	1.82	6120	47.21	1.44
1580	45.42	0.2	2440	40.48	1.01	5350	45.81	2.43	6170	48.4	1.55
1585	45.82	0.3	2450	41.82	1.05	5400	45.56	2.06	6220	49.77	1.8
1590	47.16	0.29	2460	42.79	1.02	5450	47.12	2.16	6270	49.03	1.85
1595	47.37	0.32	2470	43.11	0.81	5500	45.10	2.05	6320	52.07	2.13
1600	48.3	0.31	2480	44.13	0.81	5550	46.11	1.74	6370	51.97	2.27
1605	48.08	0.36	2490	45.05	0.76	5600	46.66	1.80	6420	54.97	2.67
1610	47.11	0.41	2500	44.00	0.45	5650	44.21	1.44	6470	53.39	2.07
1615	46.76	0.31				5700	46.73	1.57	6520	51.91	2
1620	45.34	0.15				5750	45.07	1.30	6570	50.88	1.69
						5800	47.12	1.73	6620	52.37	1.7
						5850	46.72	1.66	6670	51.63	1.63
						5900	45.13	1.64	6720	51.01	1.64
									6770	47.9	1.21
									6820	46.9	1.45
									6870	46.87	1.4
									6920	47.5	1.77
									6970	45.91	1.41
									7020	45.68	1.09
									7070	44.92	1.32
									7120	43.62	1.23