

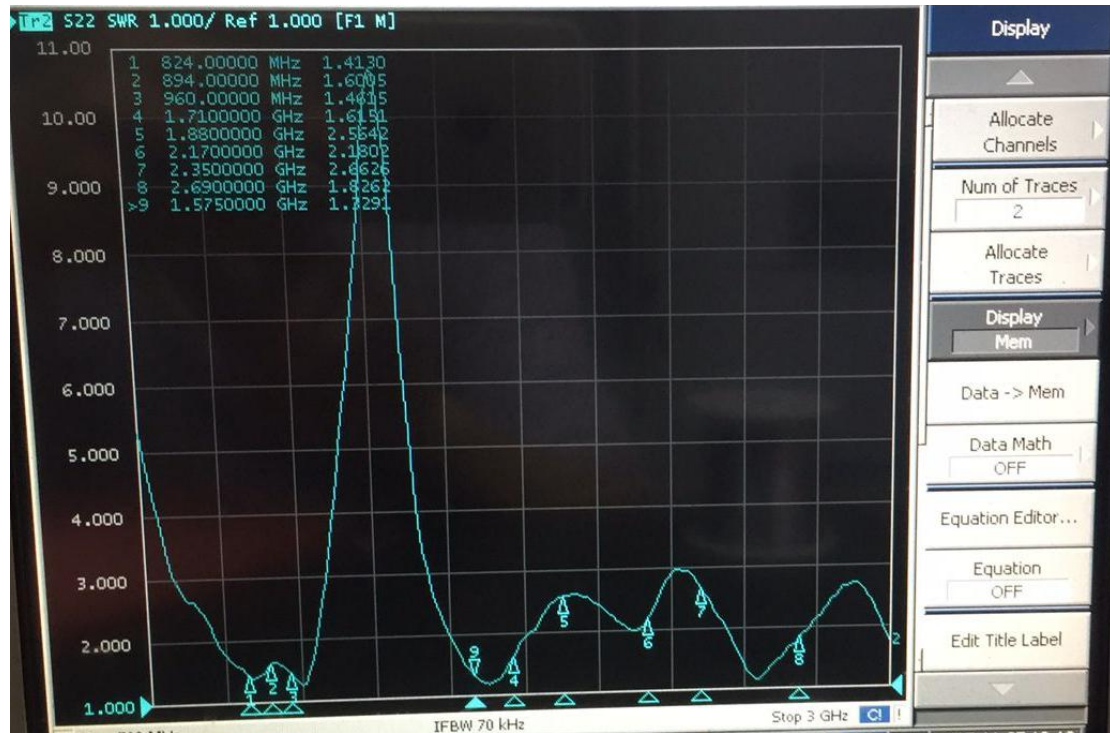
**1. Frequency Band Required for Antenna Design and Debugging**

Frequency	Frequency Band
2G	GSM850 900 1800 1900
3G	WCDMA2100 1900 900 850
4G	LTE-B1 2 3 4 5 7 8 20 12 17 28 38 39 40 41
Three-in-one	/
Other	/

**2. Product Image**

## Passive Test Graph

Main Antenna



## Passive Test Data

Frequency	Efficiency	Gain . dB	Frequency	Efficiency	Gain . dB
824000000	39.56%	0.16289483	600000000	13.08%	-5.211173873
839111111	46.08%	0.593189553	640000000	18.69%	-2.913580229
854222222	45.46%	0.770635207	680000000	23.92%	-1.235307794
869333333	52.12%	0.733027729	720000000	29.02%	-0.615371252
884444444	58.29%	1.148442646	760000000	36.71%	0.837189113
899555555	57.33%	1.13847299	800000000	46.30%	0.452182543
914666666	62.90%	1.925185722	840000000	45.87%	0.370975128
929777777	59.80%	1.756549504	880000000	53.60%	0.520798315
944888888	65.56%	1.890637039	920000000	58.13%	1.526881119
960000000	60.53%	1.541309797	960000000	60.61%	1.547761536

Frequency	Efficiency	Gain . dB		Frequency	Efficiency	Gain . dB
1710000000	64.44%	2.018866724		1850000000	60.48%	2.507949187
1728888888	65.59%	2.135416831		1865555555	58.13%	2.203016068
1747777777	62.68%	1.858830006		1881111111	57.25%	2.378721338
1766666666	61.20%	1.86101321		1896666666	57.15%	2.404335583
1785555555	58.48%	2.070071898		1912222222	56.06%	2.316480172
1804444444	56.90%	2.614717582		1927777777	54.54%	2.226536871
1823333333	58.89%	3.322414958		1943333333	54.37%	2.327252929
1842222222	58.36%	2.513650401		1958888888	51.85%	2.121258369
1861111111	59.10%	2.3006074		1974444444	50.60%	2.035204707
1880000000	57.47%	2.402532687		1990000000	50.28%	2.139083791

Frequency	Efficiency	Gain . dB		Frequency	Efficiency	Gain . dB
1975555555	50.64%	2.034389393		2170000000	59.48%	3.390365983
2003333333	48.19%	2.457394732		2228888888	55.54%	3.042848118
2031111111	51.33%	2.714187446		2287777777	50.83%	2.215707721
2058888888	54.84%	3.162775856		2346666666	48.92%	1.302765704
2086666666	56.17%	3.234018863		2405555555	51.91%	1.296490294
2114444444	58.83%	3.422610794		2464444444	59.25%	2.177551909
2142222222	61.82%	3.930447717		2523333333	62.01%	1.795191403
2170000000	59.43%	3.384258648		2582222222	63.26%	1.067685526
				2641111111	54.38%	0.397411675
				2700000000	51.74%	0.950108379