

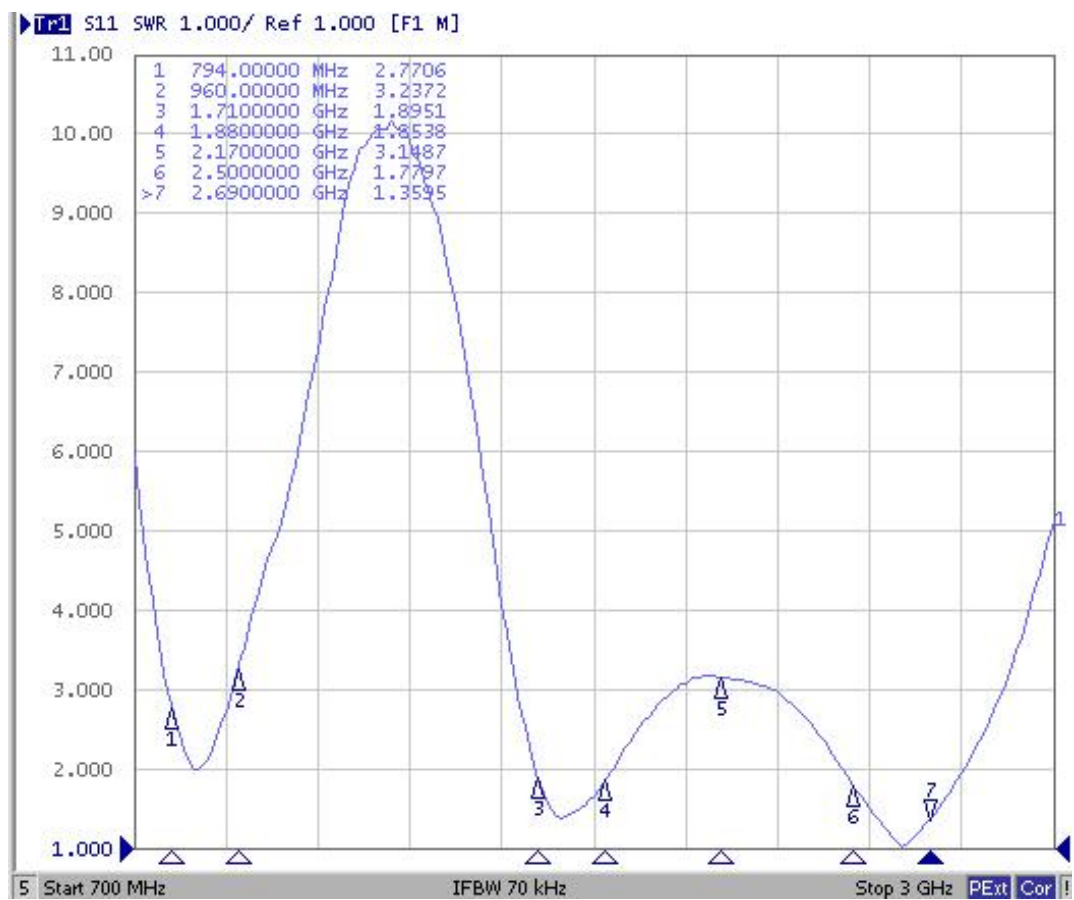
深圳市千目通讯科技有限公司

Shenzhen Qianmu Communication Technology Co.,Ltd.

Antenna□model	MINI
Antenna Gain	See Section 4
Frequency Range	700-2700MHz

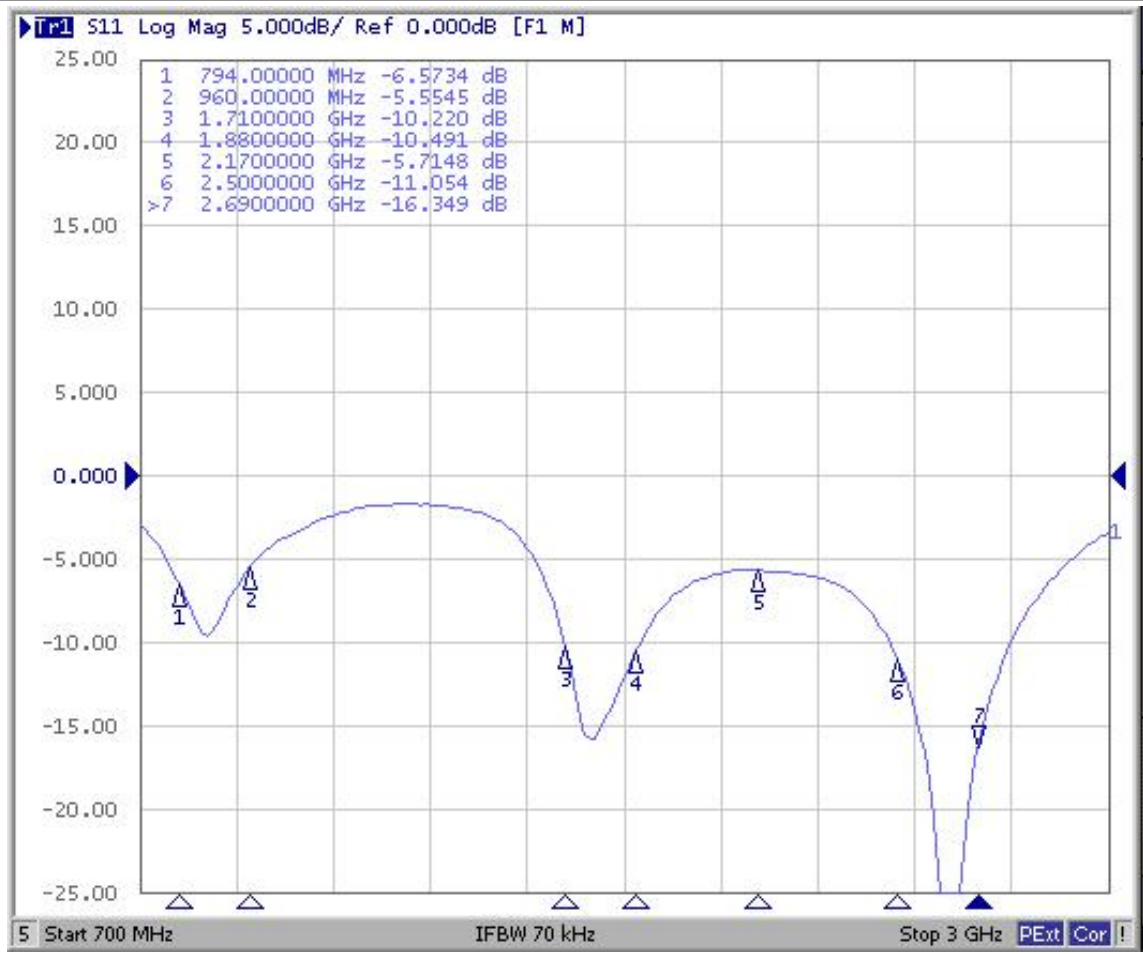
1. VSWR

F (MHZ)	794	960	1710	1880	2170	2500	2690
RL	2.7	1.71	1.8	1.8	3.1	1.7	1.3



2. Returnloss

F (MHZ)	794	960	1710	1880	2170	2500	2690
RL	-6.5	-5.5	-10.2	-10.4	-5.7	-11	-16.3



3、TRP and TIS

	LTE-FDD B1			LTE 2		
Channel	18050	18300	18550	18650	18900	19150
TRP	14.71	14.37	14.37	14.38	14.25	14.21
TIS			-87.04			-87.89
	LTE-FDD B3			LTE 4		
Channel	19300	19575	19850	20000	20175	20350
TRP	14.36	14.12	14.27	14.15	14.27	14
TIS			-88.53			-84.2

	LTE-FDD B5			LTE-FDD B7		
Channel	20450	20550	20600	20800	21100	21400
TRP	10.24	10.87	9.33	12	12.14	12.12
TIS			-81.24			-85.21
	LTE-FDD B12			LTE-FDD B17		
Channel	23060	23095	23130	23780	23790	23800
TRP	12.5	12.72	12.07	11.72	12.07	12.07
TIS			-86.04			-85.21

	B66		
Channel	132022	132422	132822
TRP	13.13	13.1	13
TIS			-86.2

	WCDMA B1			WCDMA B2		
Channel	10562	10700	10838	9662	9700	9938
TRP	13.06	13.05	13.09	13.87	13.86	14.1
TIS			-100.88			-101.15
	WCDMA B4			WCDMA B5		
Channel	1537	1638	1738	4357	4408	4458
TRP	14.03	13.89	14.61	10.72	9.67	9.26
TIS			-99.54			-98

4、Gain and efficiency

Band	Frequency	Gain (dBi)
B1	1920~2170MHZ	0.38
B2	1850-1900MHZ	0.37
B3	1710-1880MHZ	0.36
B4	1710-2155	0.35
B5	824-894MHZ	-0.13
B7	2500-2600MHZ	0.33
B12	699-746MHZ	-0.15
B17	704~746MHZ	-0.14
B66	1710-2200MHZ	0.36

