



Antenna Report

Model: JH-R380-LTE



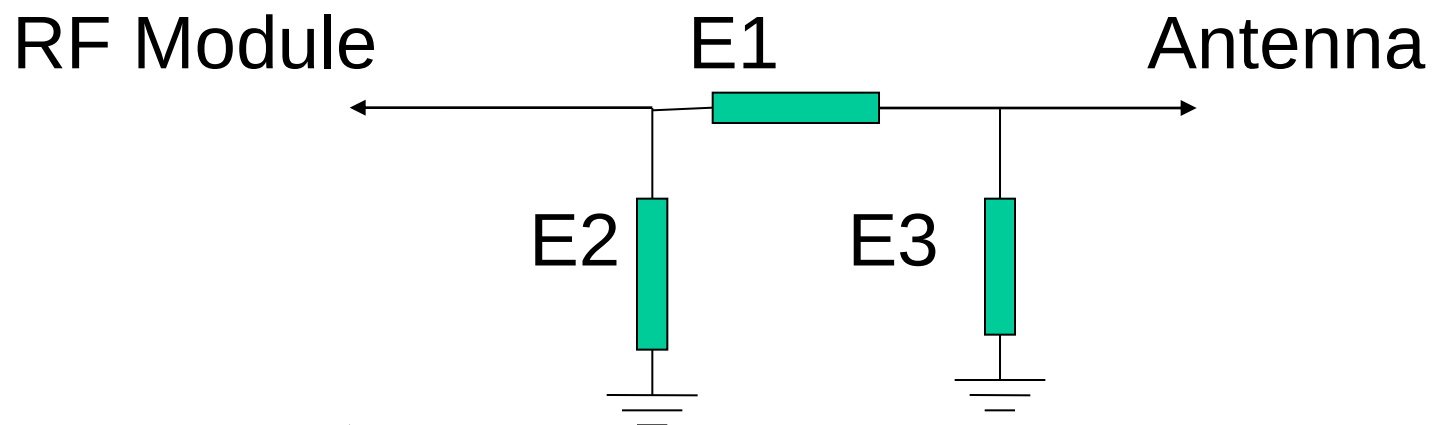
Shenzhen jinhong Communications Technology Co Ltd

Room 401, BDC International Factory, No. 618, Dasan Village, Dashuikeng Community, Fucheng Subdistrict, Longhua District, Shenzhen City

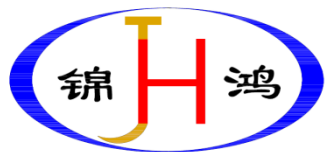
深圳市锦鸿无线科技有限公司 Shenzhen jinhong Communications Technology Co Ltd



1. Match Circuit



Element	E1	E2	E3
Value	2.8PF	/	8.2NH



2. Active testing

2.1 Main antenna test data

	B8			B1			B3			B5		
CHN	21500	21625	21750	18050	18250	18550	19250	19550	19900	20450	20525	20600
TRP(dBm)	16.6	16.1	15.6	21.9	21.5	21.0	21.1	20.8	20.5	16.2	17.1	17.5
TIS(dBm)			-92.8			-92.5			-92.2			-92.4

	B38			B2			B40			B41		
CHN	37850	38000	38150	18700	18900	19100	38750	39150	39550	40600	40700	40800
TRP(dBm)	21.9	21.5	21.2	20.7	20.4	21.2	20.2	20.5	21.0	21.5	21.8	22.3
TIS(dBm)			-92.9			-92.8			-92.1			-92.7

	B4			B7			B12			B13		
CHN	20050	20175	20300	20800	21100	21400	23060	23095	23130		5230	
TRP(dBm)	21.3	21.8	21.4	19.1	18.5	18.0	16.6	16.8	17.1		15.5	
TIS(dBm)			-92.6			-92.0			-89.3		-90.3	



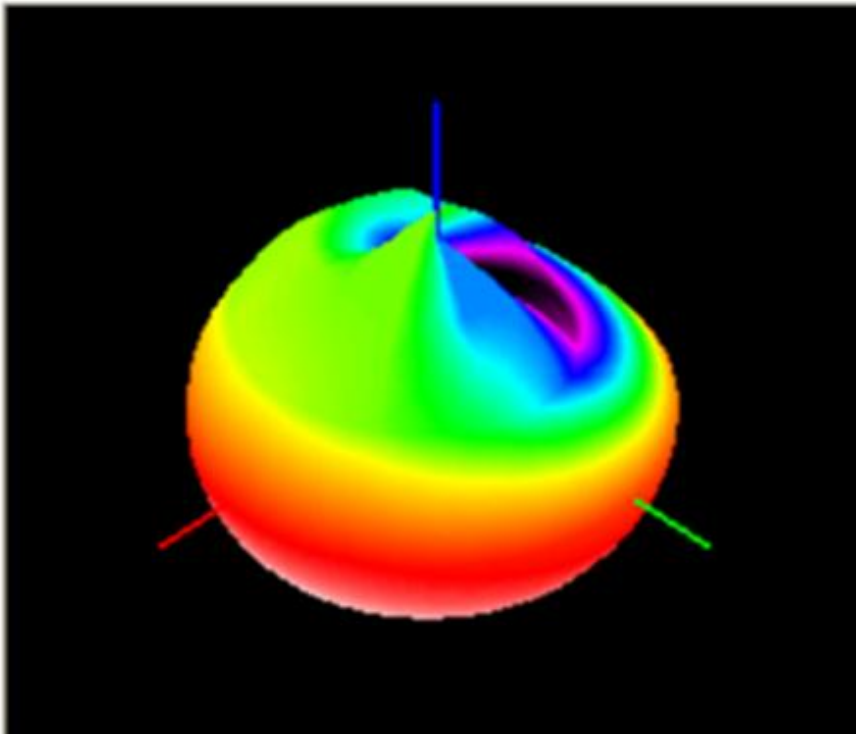
	B17		
CHN	23780	23790	23800
TRP(dBm)	15.6	16.4	16.8
TIS(dBm)			-90.0



3. antenna pattern

B5

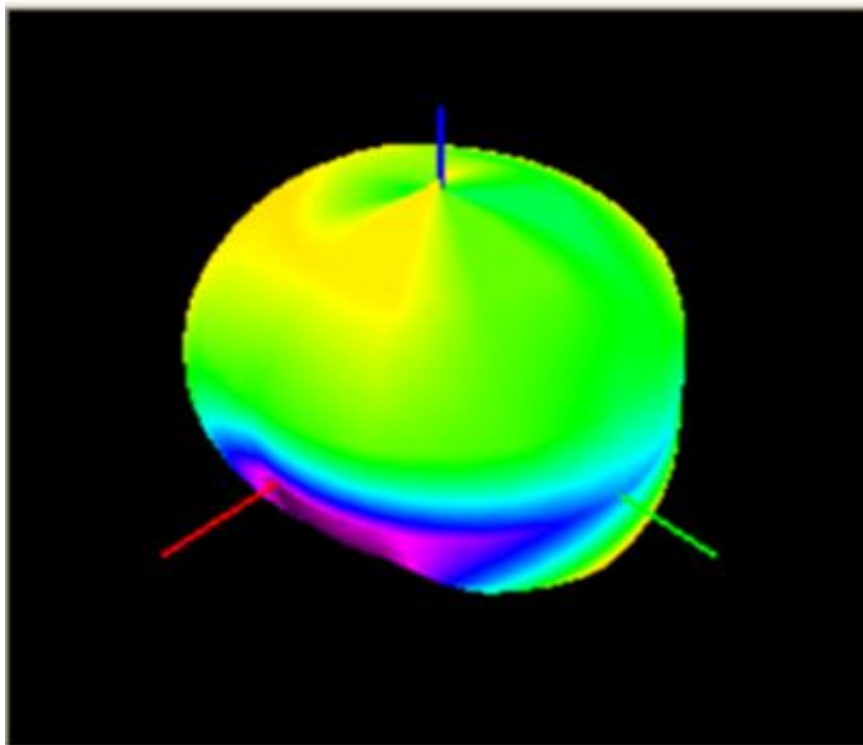
Antenna Max Gain: 0.83dBi

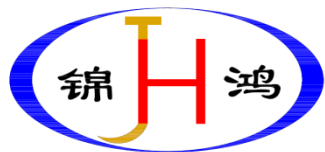




B2

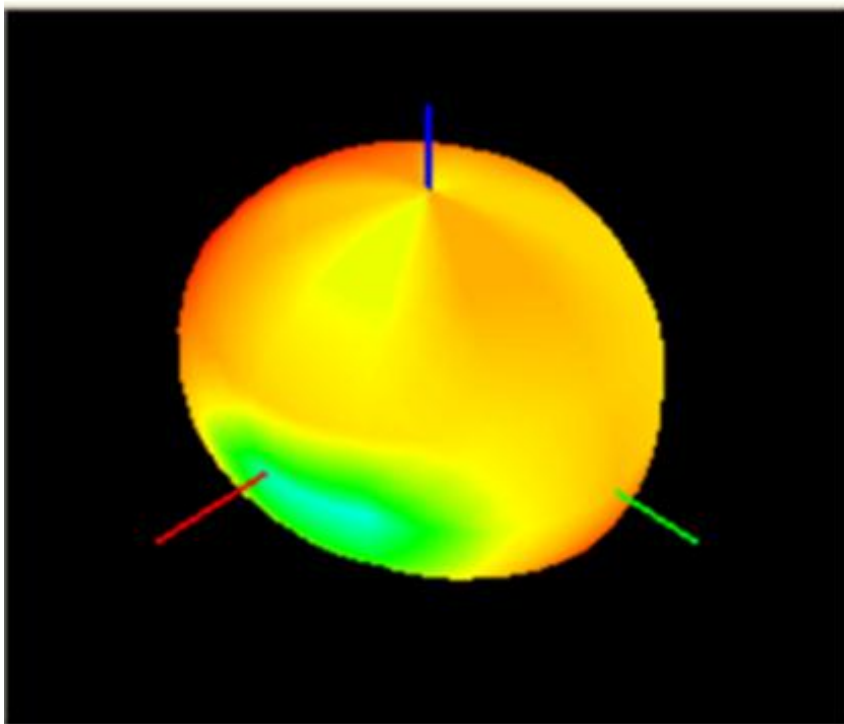
Antenna Max Gain: 1.51dBi

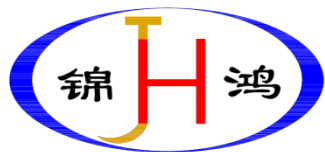




B4/B66

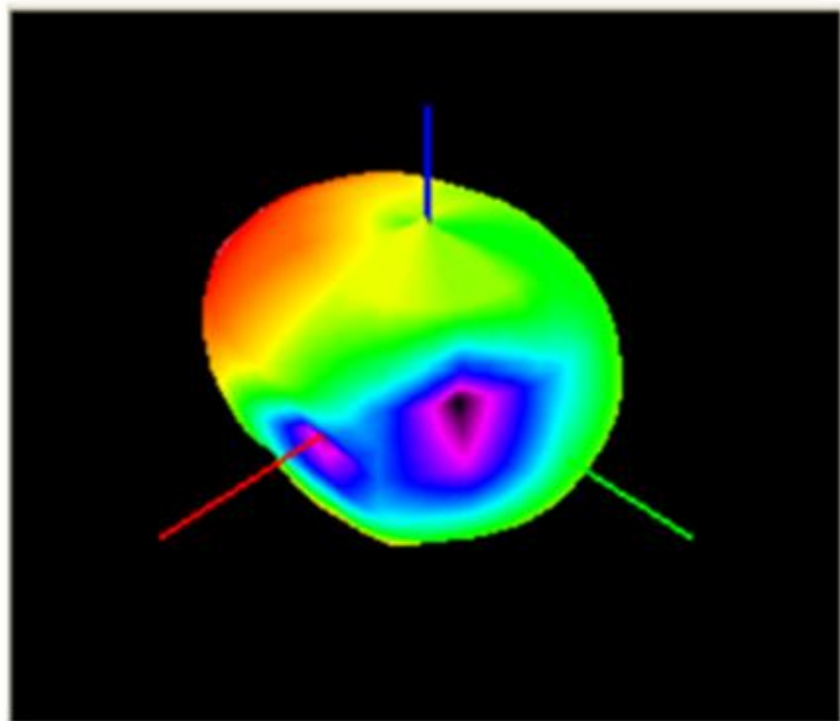
Antenna Max Gain: 1.64dBi





B7

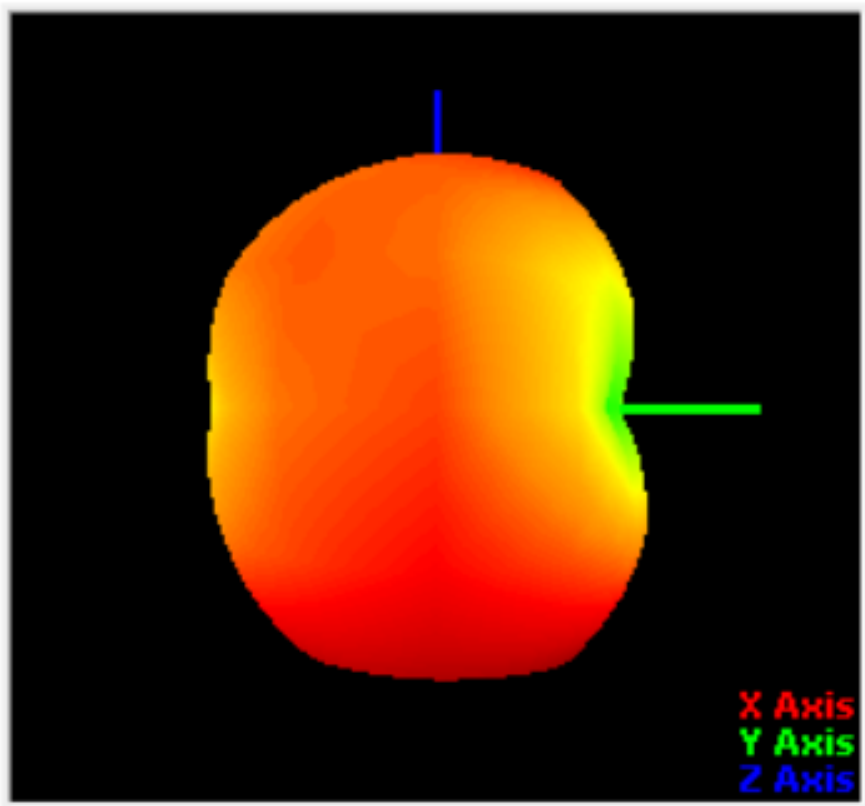
Antenna Max Gain: 1.80dBi

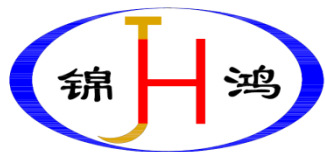




B12

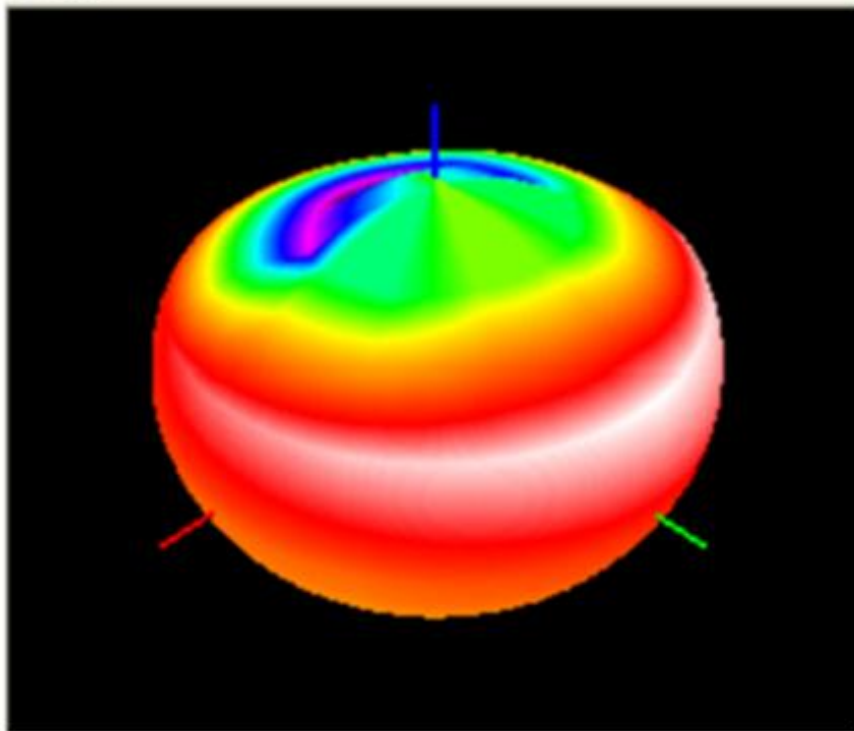
Antenna Max Gain: 0.63dBi





B17

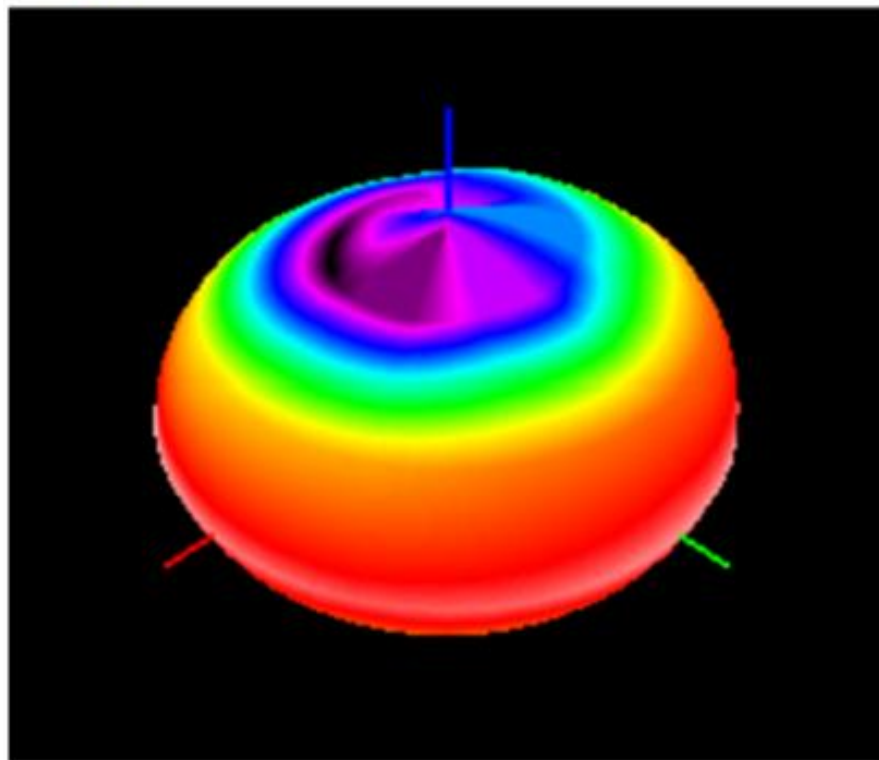
Antenna Max Gain: 0.61dBi

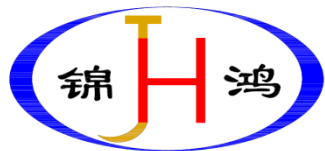




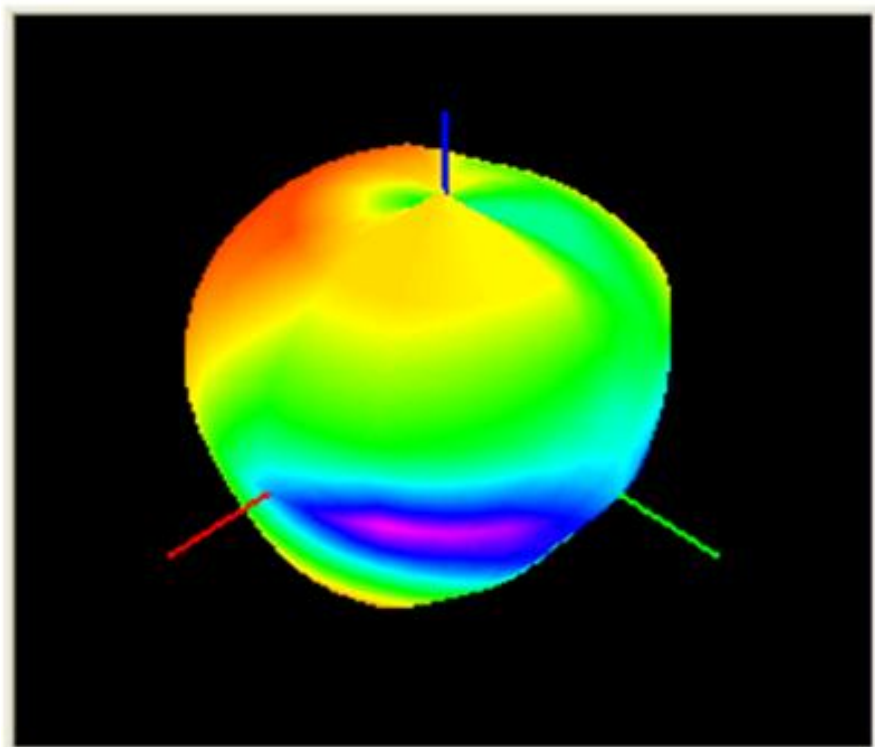
B13

Antenna Max Gain: 0.66dBi

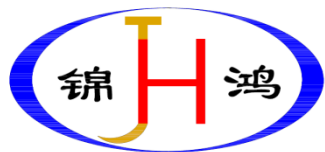




B38



Antenna Max Gain:1.76dBi



B41

Antenna Max Gain: 1.84dBi

