



泉州市根通通信技术有限公司

quanzhou Gen tong communication Technology Co.,Ltd





泉州市根通通信技术有限公司

quanzhou Gen tong communication Technology Co.,Ltd

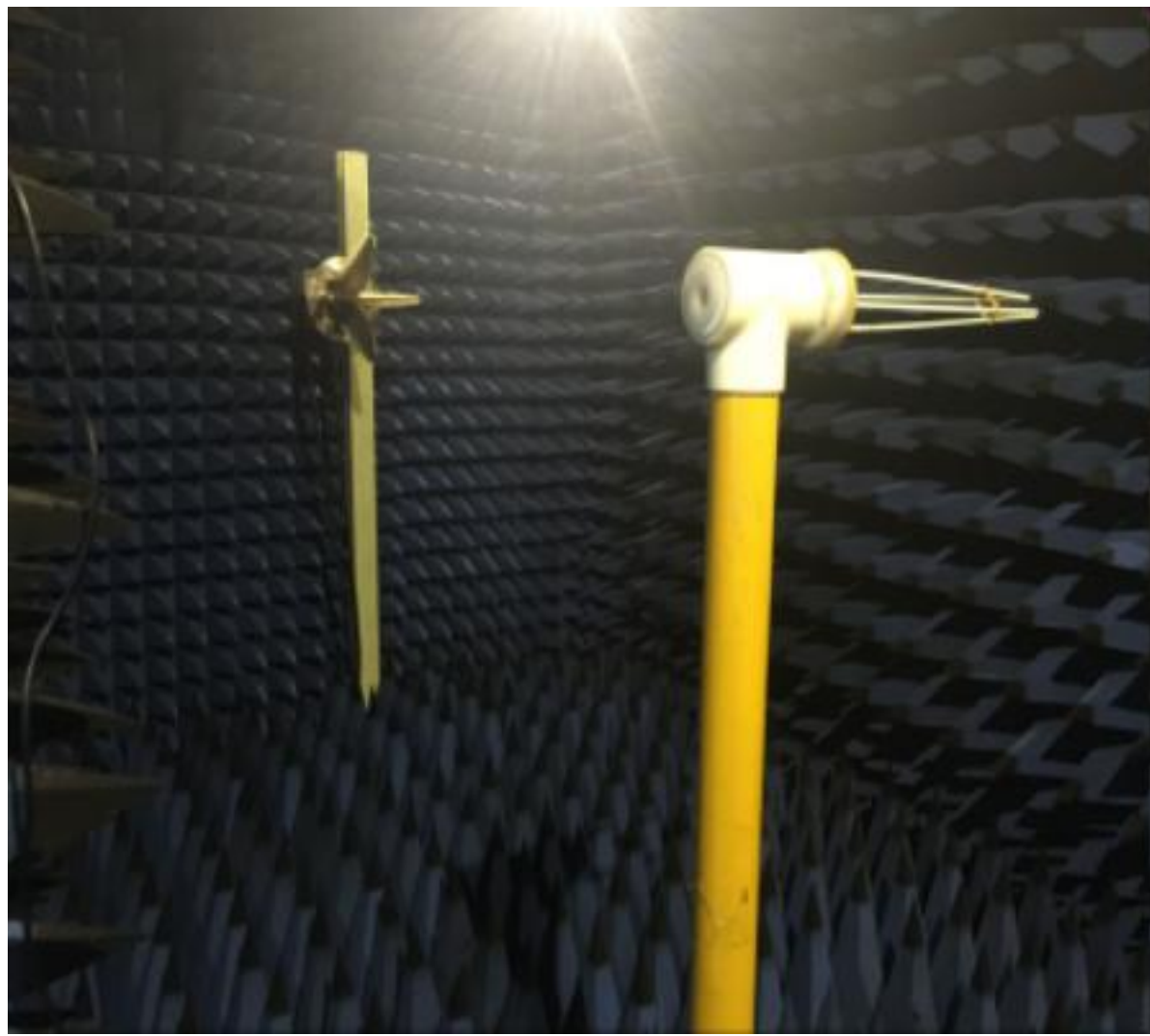
项目名/Antenna model		WZ-900LA
UR		
	Frequency band	B2/B3/B4/B5/B7/B8/B28/B66



Catalogue

1. Introduction to the testing darkroom
2. Machine pictures
3. Testing Method
4. Test Data
5. OTA Active data

1. 测试暗室简介 / Introduction to testing darkroom



2 . 机台图片/Machine photos

Antenna name:WZ-900LA



3 . 测试方式 / Testing Method





泉州市根通通信技术有限公司

quanzhou Gen tong communication Technology Co.,Ltd

4 . 测试数据 /Test Data

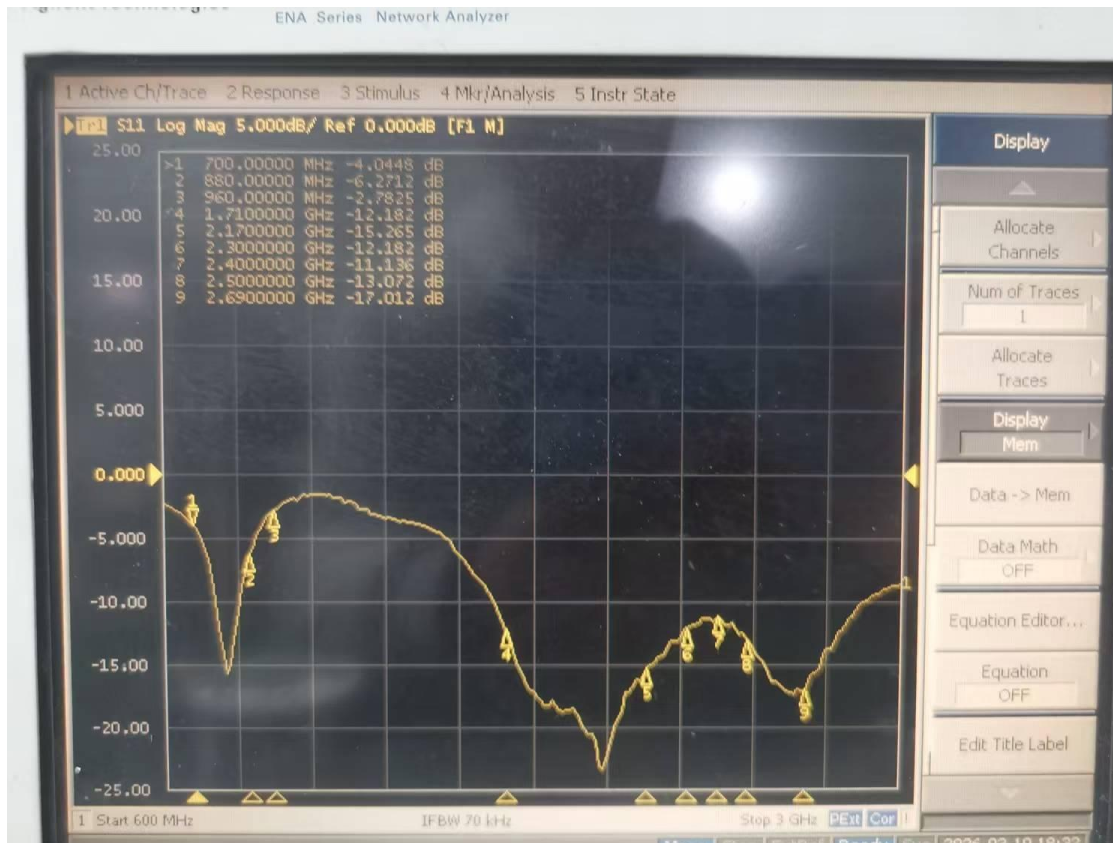
Test Condition		Free Space	
band	Channel	MAX (dBm)	MIN (dBm)
LTE B2	18650	20.60	-96
	18950	20.68	-96
	19150	20.66	-96
LTE B3	19250	20.50	-94
	19575	20.58	-94
	19900	20.60	-94
LTE B4	20000	21.55	-95
	20175	21.93	-95
	20350	21.92	-95
LTE B5	20450	21.00	-97
	20525	21.02	-97
	20600	20.92	-97
LTE B7	20800	20.66	-95
	21100	20.84	-96
	21400	20.41	-95

4 . 测试数据 /Test Data

Test Condition		Free Space	
band	Channel	MAX (dBm)	MIN (dBm)
LTE B8	3500	20.90	-97
	3625	20.92	-97
	3750	20.88	-97
LTE B28	27260	21.20	-96
	27420	21.24	-96
	27600	21.22	-96
LTE B66	66486	20.50	-95
	66786	20.66	-95
	67086	20.76	-95

This conduction test is not conducted in a shielded room, and there may be deviations in the received data. It is for reference only

4 . 测试数据 /Test Data





频率范围/frequency range

B2	(TX) 1850~1910MHZ (RX) 1930~1990MHZ
B3	(TX) 1710~1785MHZ (RX) 1805~1880MHZ
B4	(TX) 1710~1775MHZ (RX) 2110~2155MHZ
B5	(TX) 824~849MHZ (RX) 869~894MHZ
B7	(TX) 2500~2570MHZ (RX) 2620~2690MHZ
B8	(TX) 880~915MHZ (RX) 925~960MHZ
B28	(TX) 708~748MHZ (RX) 758~803MHZ
B66	(TX) 1710~1780MHZ (RX) 2110~2180MHZ



5 . OTA有源数据/OTA Active data

Test Condition		Free Space		
band	Channel	TRP (dBm)	TIS (dBm) 10MHz	Gain (dBi)
LTE B2	L	20.04		2.54
	M	18.16		
	H	17.77	-92.76	
LTE B3	L	19.36		2.64
	M	19.49		
	H	19.56	-91.45	
LTE B4	L	19.25	--	2.31
	M	20.7	--	
	H	19.3	-91.71	
LTE B5	L	20.49	--	1.74
	M	19.34	--	
	H	20.21	-91.19	



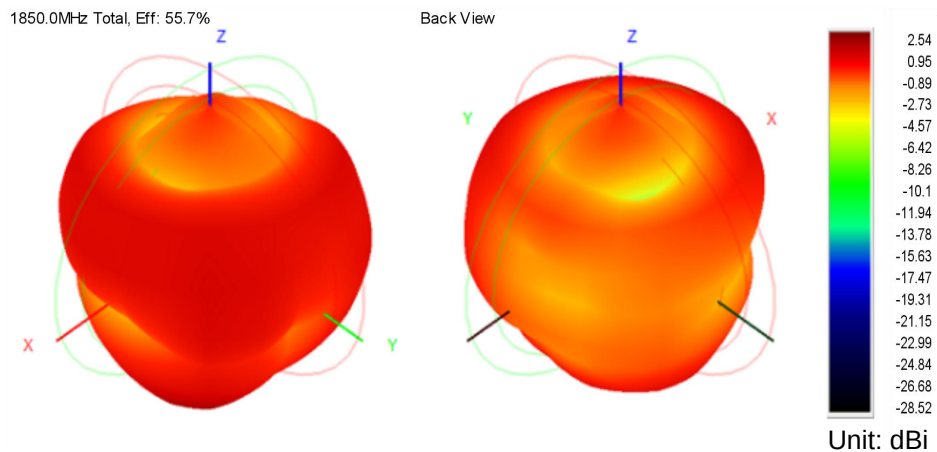
泉州市根通通信技术有限公司

quanzhou Gen tong communication Technology Co.,Ltd

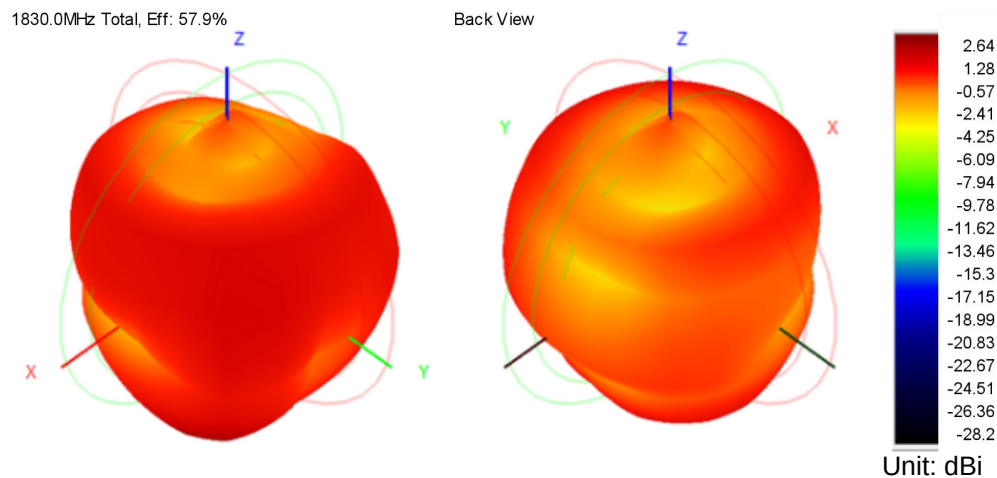
5 . OTA有源数据/OTA Active data

Test Condition		Free Space		
band	Channel	TRP (dBm)	TIS (dBm) 10MHZ	Gain (dbi)
LTE B7	L	17.59	--	2.12
	M	17.93	--	
	H	17.77	-93.36	
LTE B8	L	18.83	--	1.37
	M	19.29	--	
	H	19.89	-92.62	
LTE B28	L	14.57	--	0.48
	M	14.97	--	
	H	15.89	-88.84	
LTE B66	L	18.63	--	2.31
	M	18.8	--	
	H	18.54	-91.43	

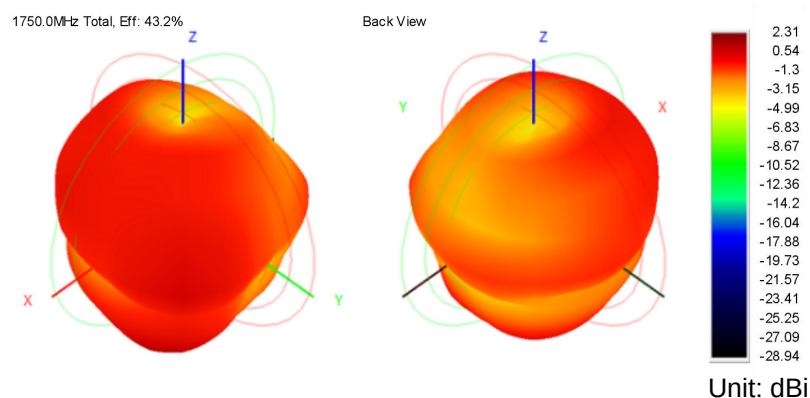
B2 Gain



B3 Gain



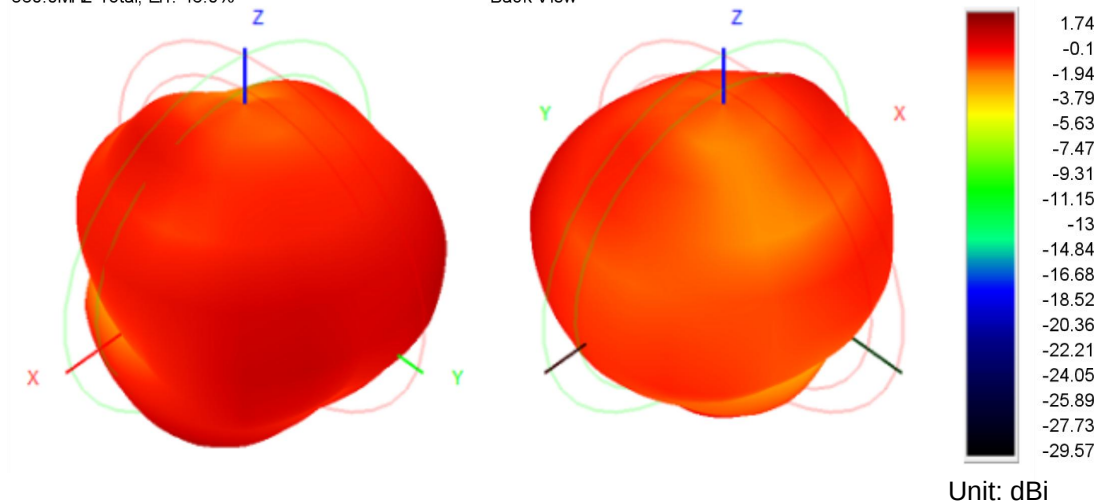
B4 Gain



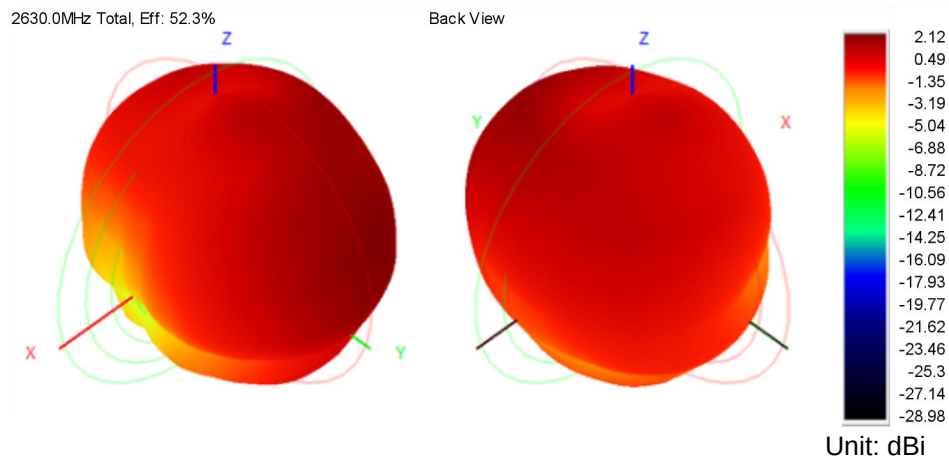
B5 Gain

880.0MHz Total, Eff: 46.0%

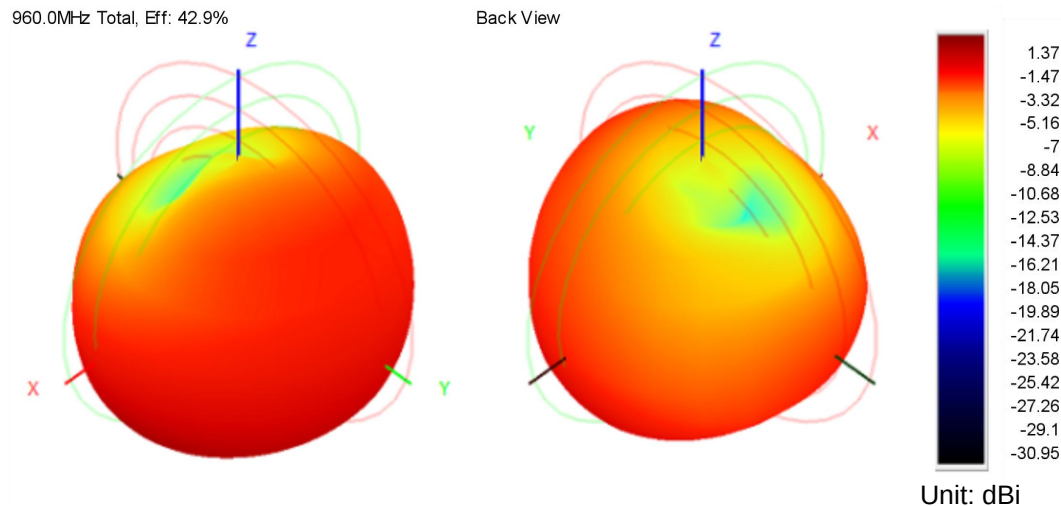
Back View



B7 Gain



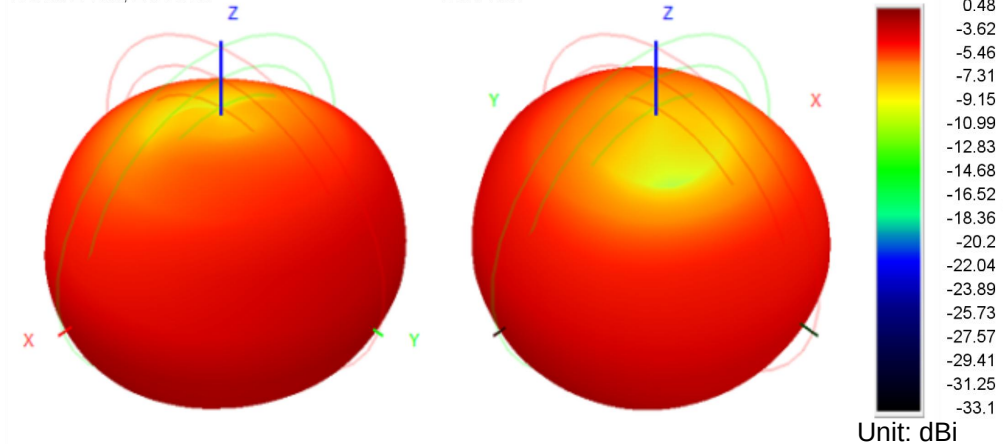
B8 Gain



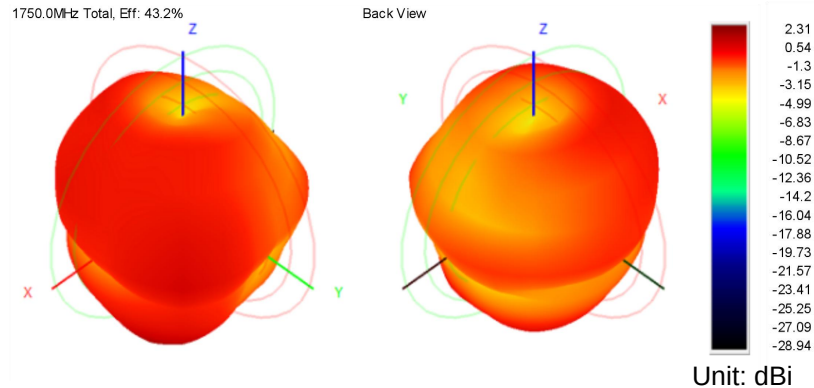
B28 Gain

700.0MHz Total, Eff: 30.6%

Back View



B66 Gain





泉州市根通通信技术有限公司

quanzhou Gen tong communication Technology Co.,Ltd

Thank you

ADD: National University Science and Technology Park,
Daxia Mei Town, Nan'an City, Quanzhou, Fujian
Province 5th Floor, Building 7, Fujian Branch Garden