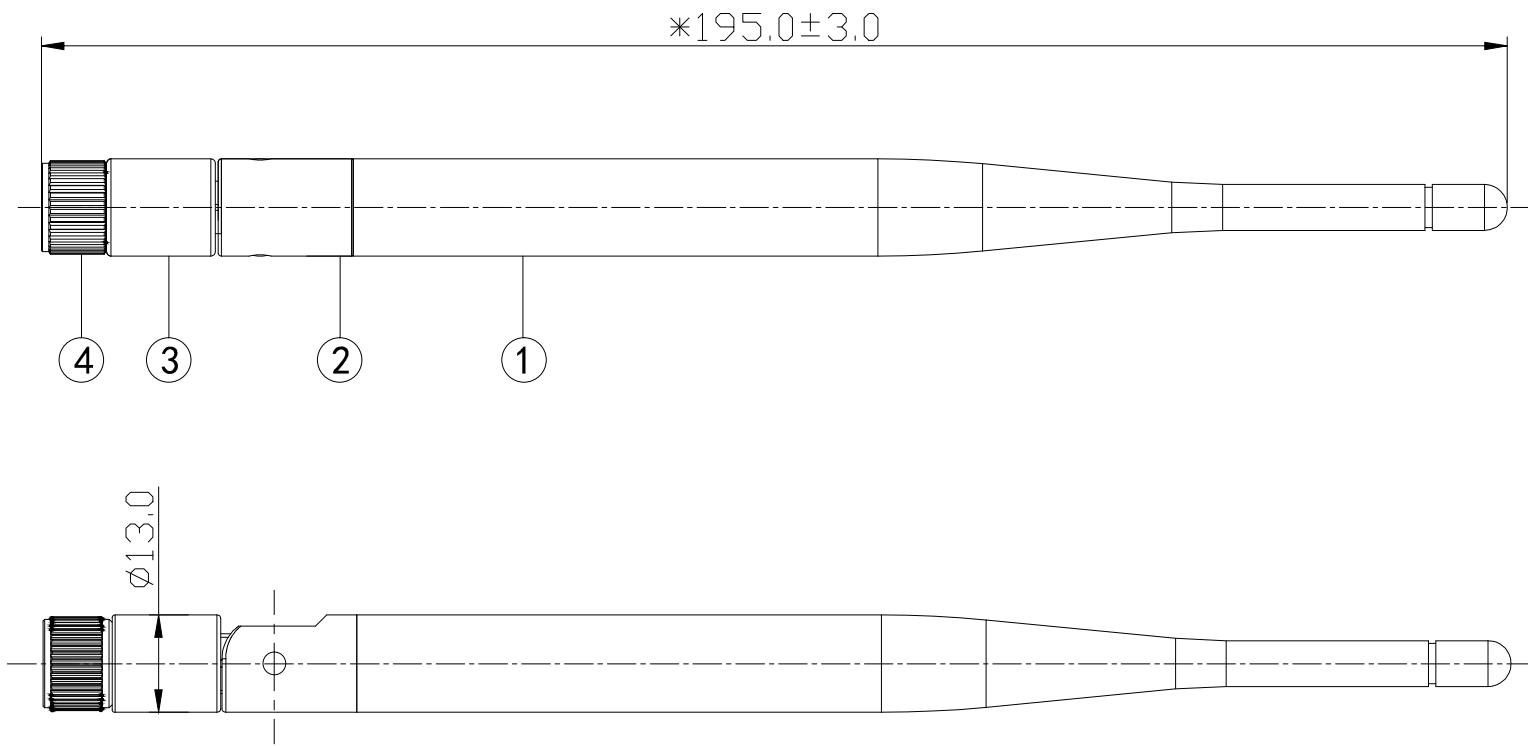
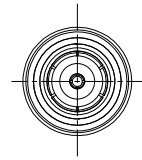




SIGN	DATE	DESCRIPTION	APPROVER

4	SMA194-CCT5AN19	SMA Male Reverse	ABS		1
3	AN03-T07B	Body1	PA+ABS	Black	1
2	AN9201-07B	Body2	ABS	Black	1
1	AN9201-04B	Body1	TPE	Black	1
No.	Part Number	Description	Material	Finish	Q'ty

TITLE:2.4G 5G 5.8G Antenna				
PART NO.: AN2450-0195Z			DWG NAME: AN2450-0195Z.dwg	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2011-06-17	leon 2011-06-17	YD 2011-06-17	UNITS: mm	X.X Ø.30
			SCALE: 1/1	X.XX Ø.10
			REVISION: A	XÅ ØÅ

ANTENNA SPECIFICATION

1 Physical photos

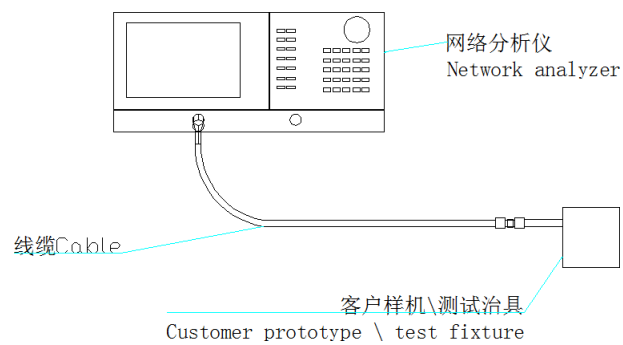


2. Electrical Characteristics

21 Test Environment Conditions

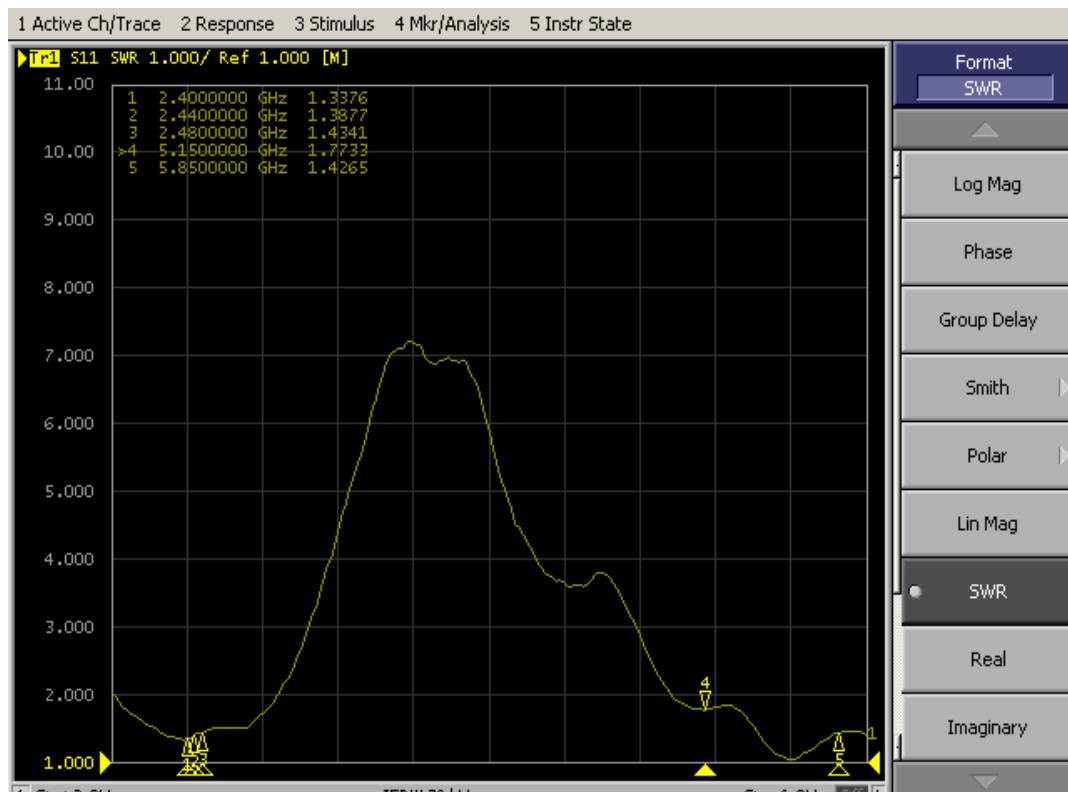
Temperature	Ordinary Temperature (5 to 35℃)
Humidity	Ordinary Humidity (25 to 85% RH)

22 Measurement method

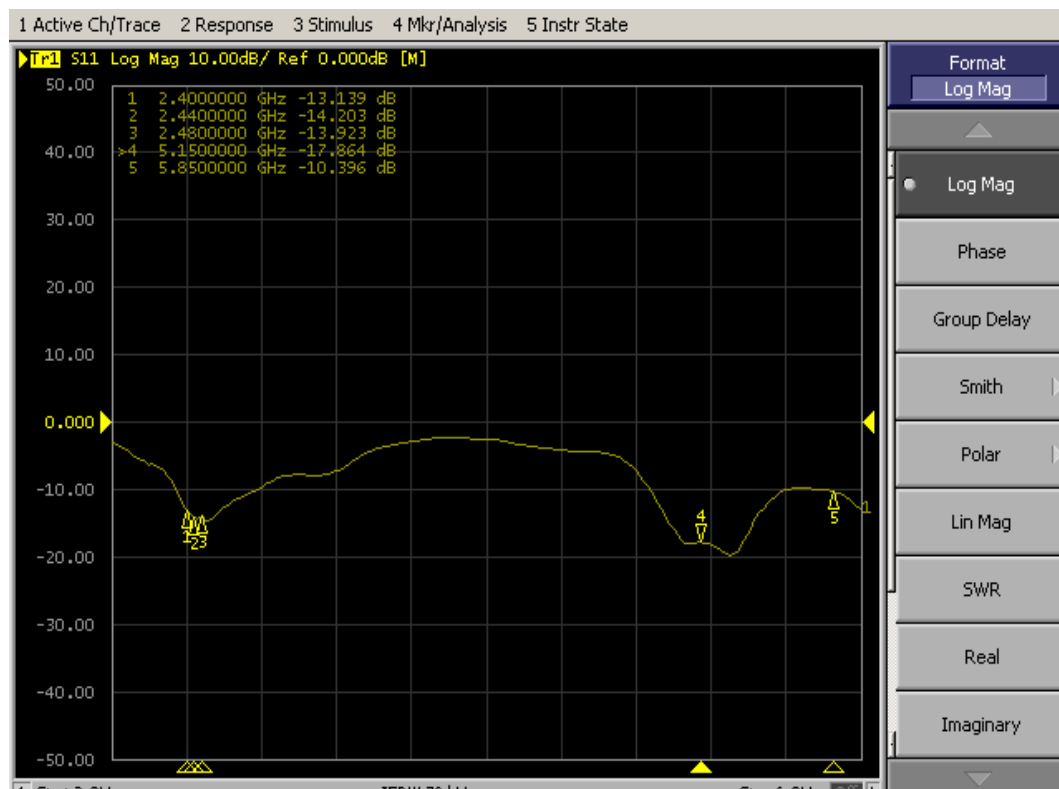


ANTENNA SPECIFICATION

2.2.1. VSWR

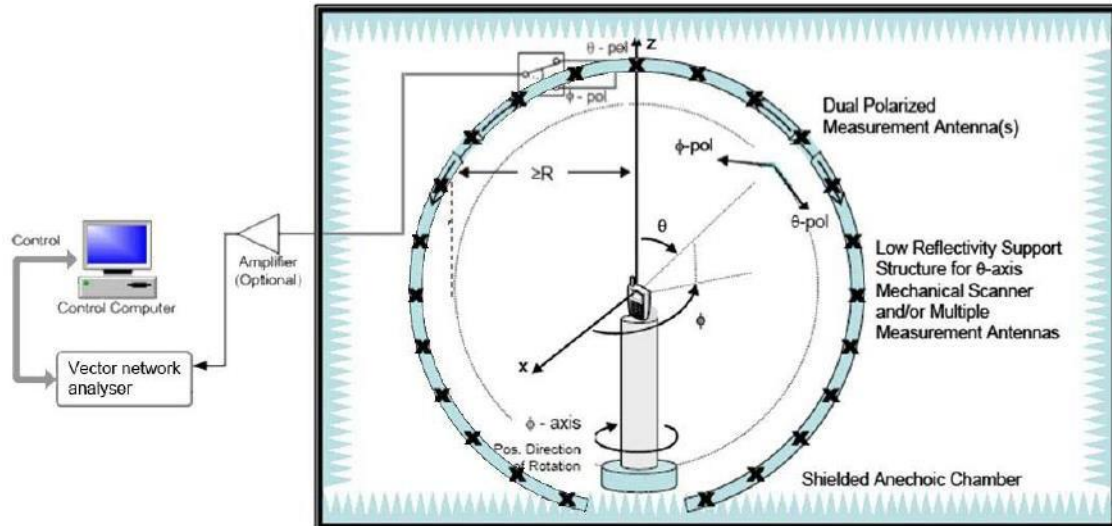


2.2.2. Log Mag



23 Efficiency and Gain

2.3.1. Test system



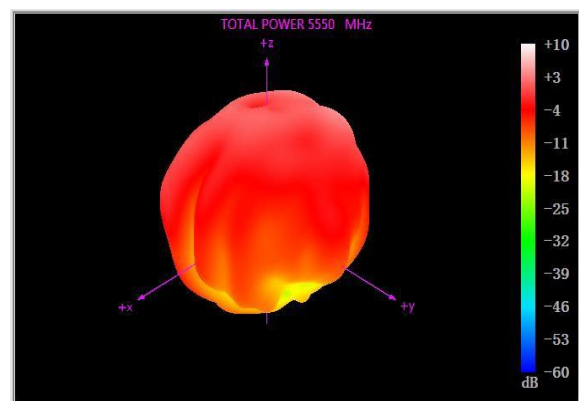
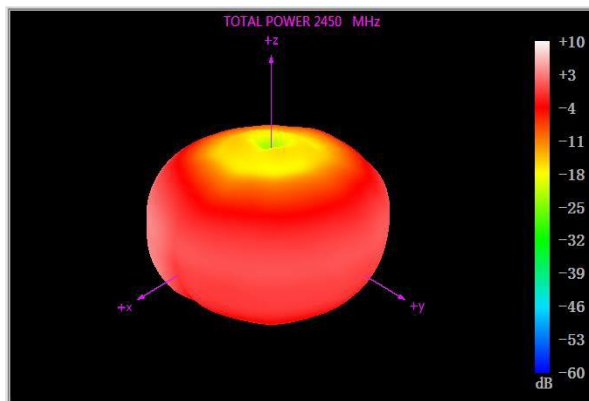
2.3.2. No-source test data

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400 MHz	73.3	4.6
2410 MHz	76.98	4.99
2420 MHz	80.08	5.3
2430 MHz	80.83	5.42
2440 MHz	77.86	5.22
2450 MHz	71.74	4.65
2460 MHz	75.88	4.6
2470 MHz	73.21	4.27
2480 MHz	65.98	3.73
2490 MHz	70.06	4.1
2500 MHz	69.83	4.09

ANTENNA SPECIFICATION

Frequency (MHz)		Efficiency (%)	Gain (dBi)
5150	MHz	51.51	3.51
5200	MHz	48.9	4.6
5250	MHz	59.58	4.86
5300	MHz	60.11	5.14
5350	MHz	49.86	5.71
5400	MHz	52.51	5.12
5450	MHz	48.99	5.02
5500	MHz	43.47	5.43
5550	MHz	51.41	4.79
5600	MHz	49.95	4.27
5650	MHz	49.27	4.07
5700	MHz	47.79	3.84
5750	MHz	43.94	5.17
5800	MHz	43.87	5.08
5850	MHz	42.15	5.01

2.3.3. 3D Radiation Drawing



ANTENNA SPECIFICATION

2.3.4. directional drawing of horizontal plane

