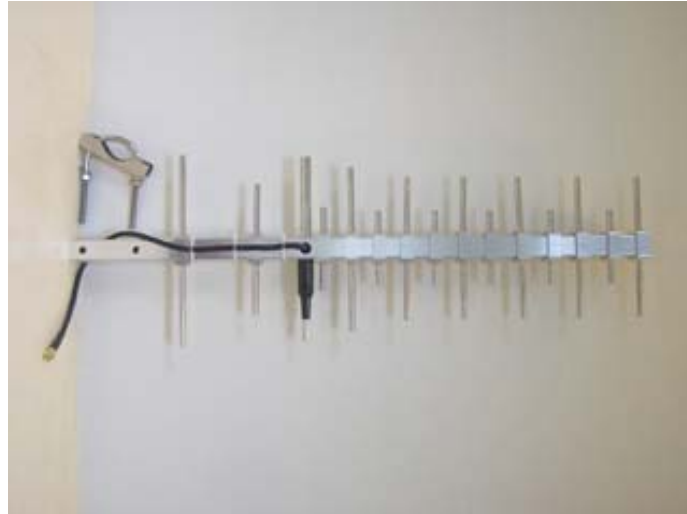


GSM/3G/LTE YAGI Antenna

MODEL: YGA-200



1. GENERAL DESCRIPTION

Model No
YGA-200

1.1 Electrical Properties

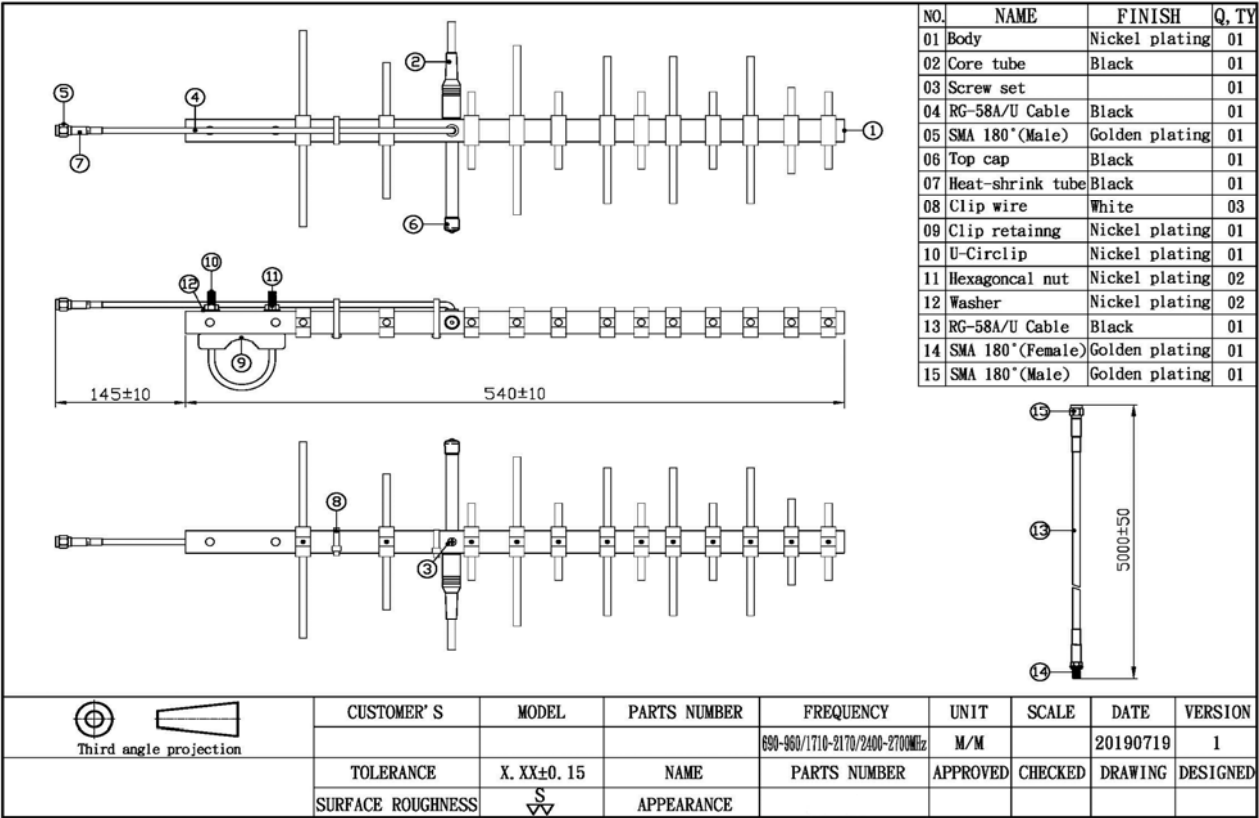
Parameter	Description
Frequency Band	690~960/1710~2170/2400~2700 MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

1.2 Mechanical Properties

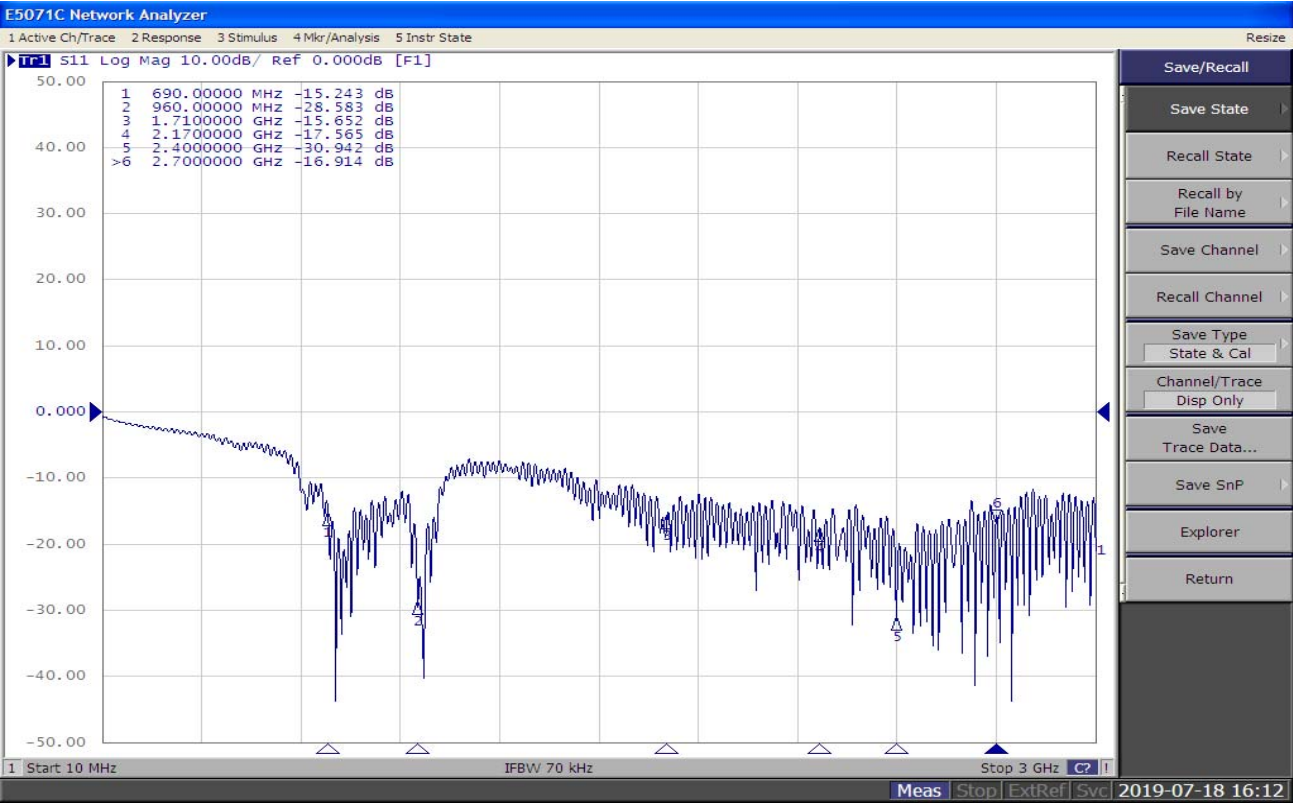
Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA 180° (Male)
Antenna Dimensions	540 mm $\pm$ 10/145 $\pm$ 10
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C

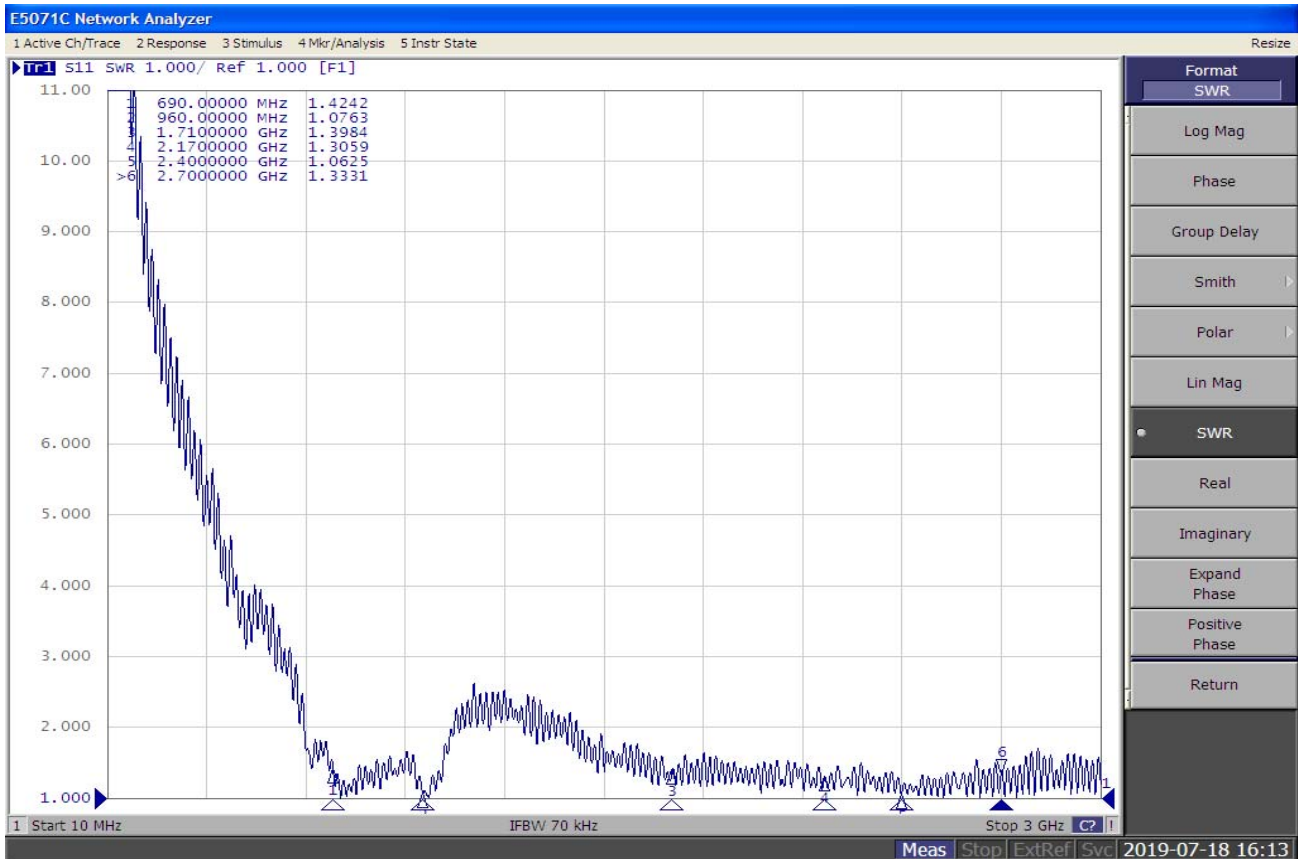
=====

2. Appearance

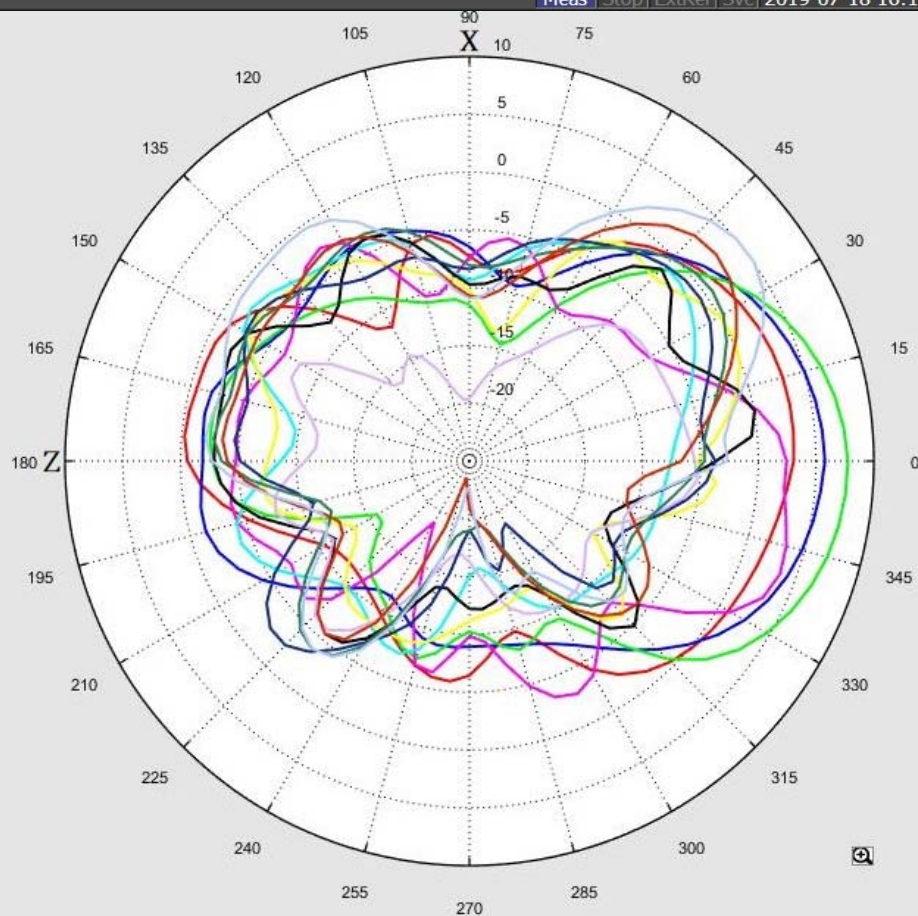


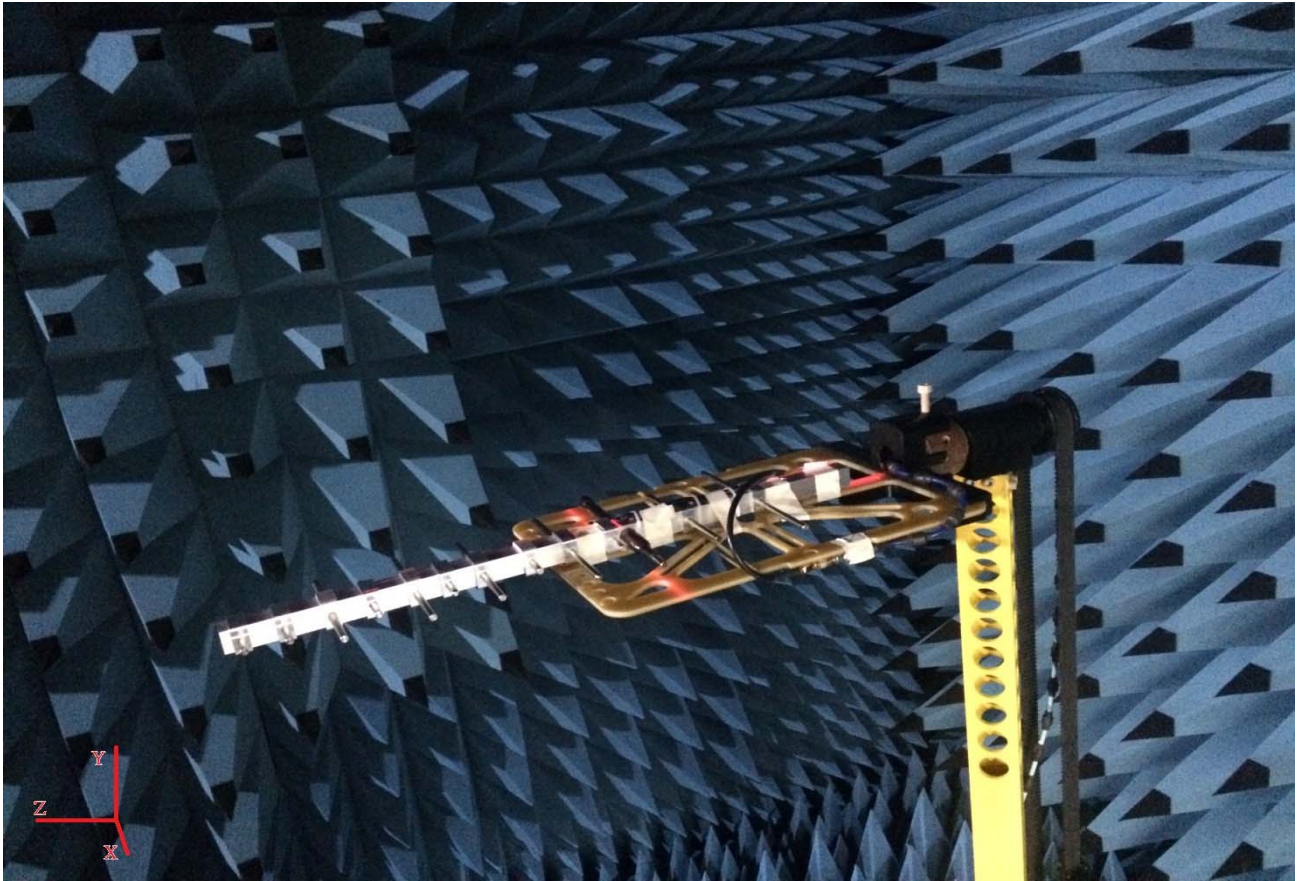
3. Return Loss, V.S.W.R. and Smith Chart





Freq. / Chan.	Color
690MHz	Red
824MHz	Blue
900MHz	Green
960MHz	Magenta
1.71GHz	Cyan
1.88GHz	Yellow
1.99GHz	Black
2.17GHz	Purple
2.4GHz	Dark Blue
2.5GHz	Dark Green
2.6GHz	Orange
2.7GHz	Light Blue





Frequency 690MHz 824MHz 900MHz 960MHz 1.71GHz 2.17GHz 2.4GHz 2.5GHz 2.6GHz

Horizontal+Vertical

Efficiency (%)	63.83	82.79	73.96	49.66	87.9	62.52	69.66	60.26	69.5
Gain (dBi)	5.18	7.63	8.76	4.52	4.49	5.39	4.94	4.74	5.37

=====