

Federal S-Band Antenna

MODEL: TH-2250



1.. GENERAL DESCRIPTION

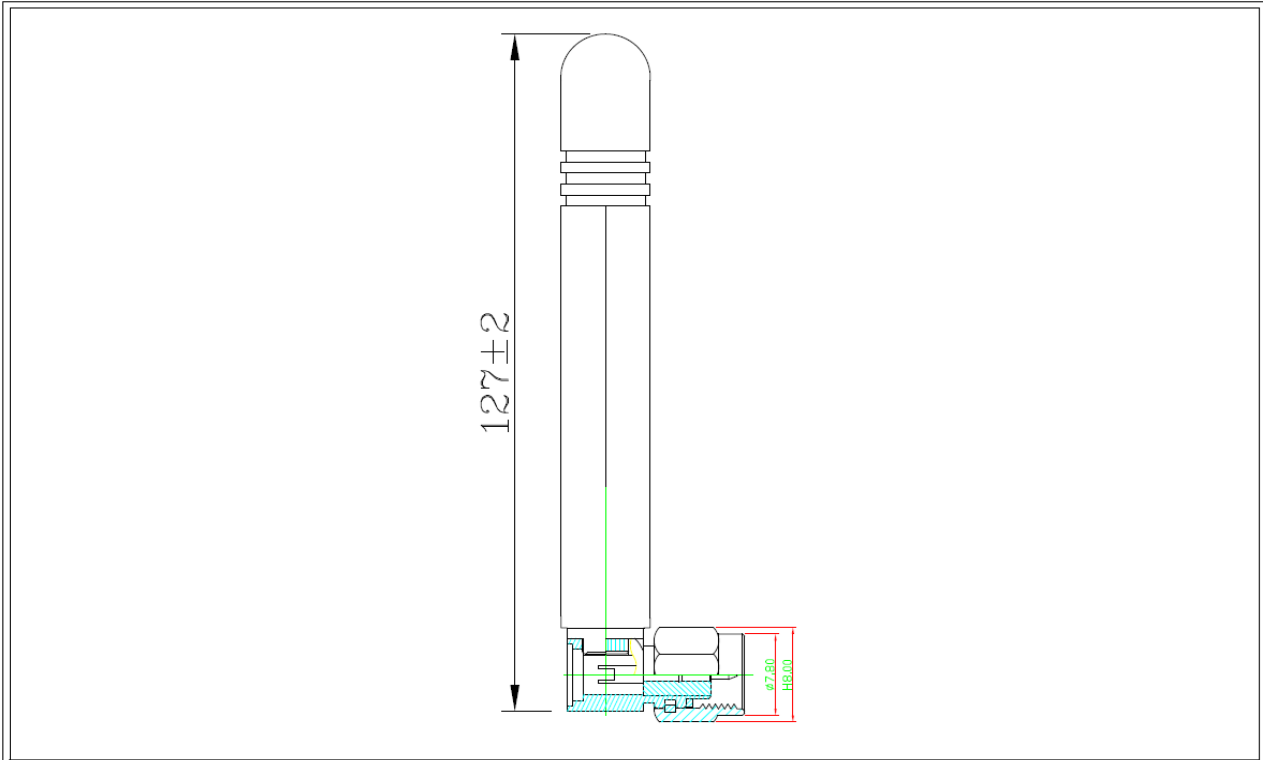
Model No	P/N
TH-2250	TH2250-SMA90(M)

1.1 Electrical Properties

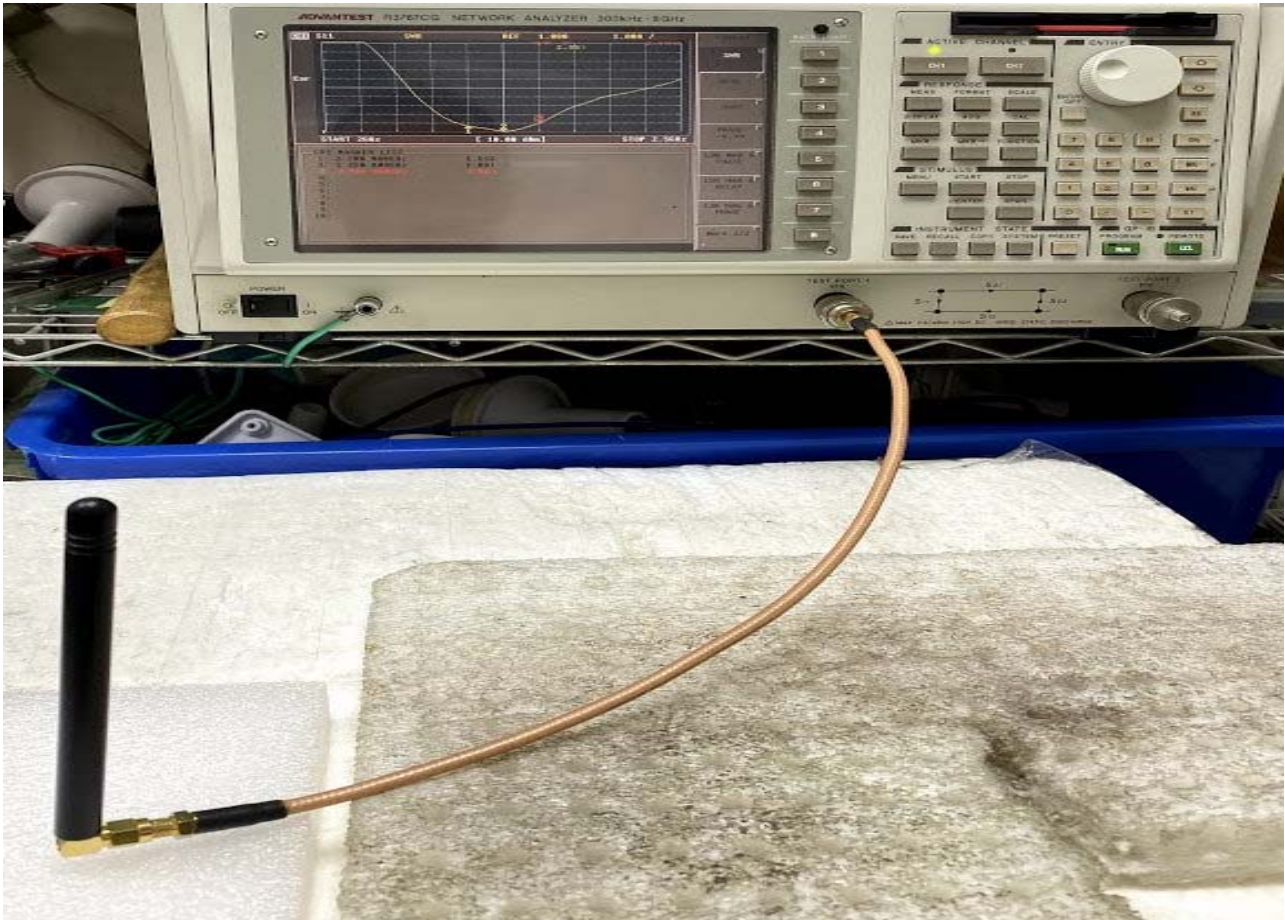
Parameter	Description
Frequency Band	2.2~2.3 GHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 /4 λ
Admitted Power radiation	2W
V.S.W.R	2.0:1
Antenna Gain	1-3dB

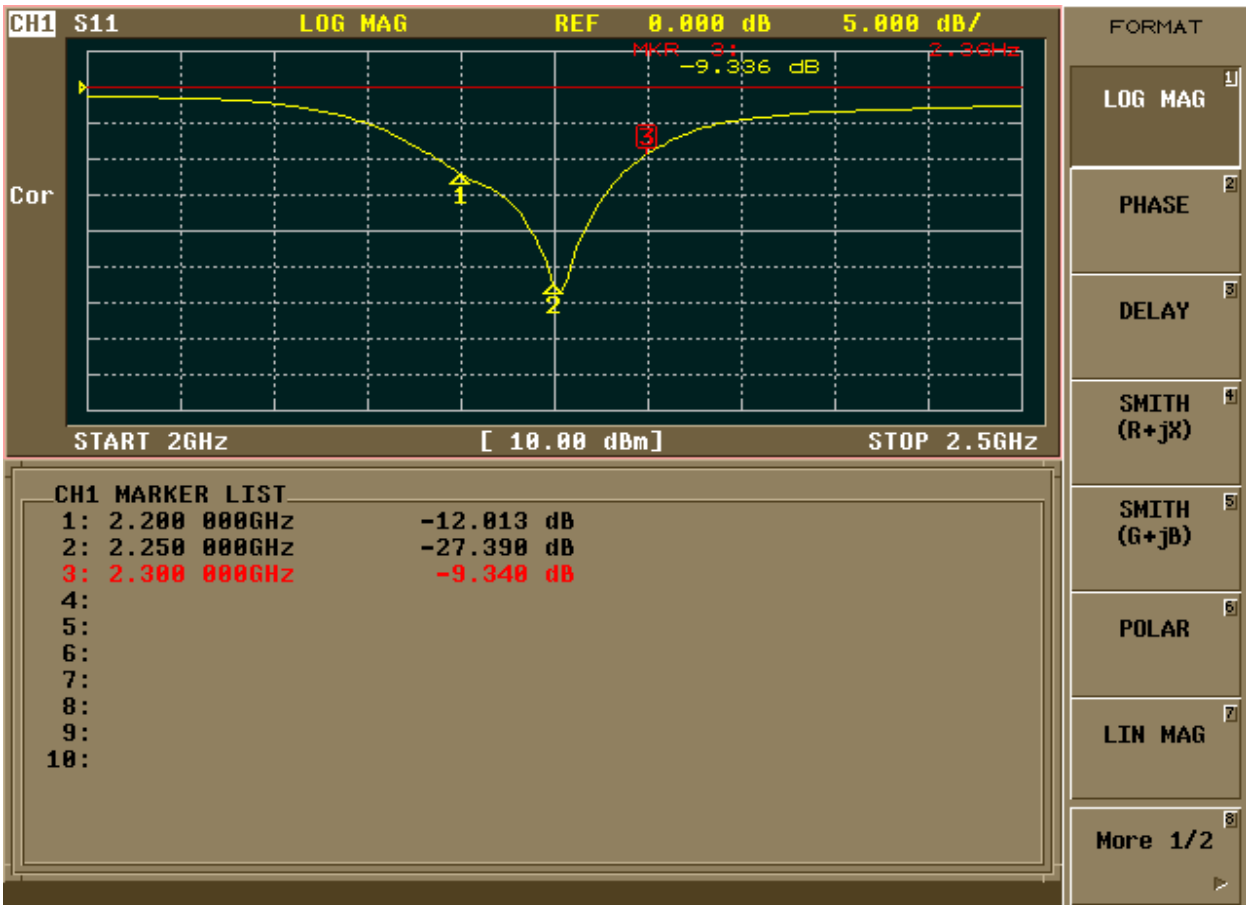
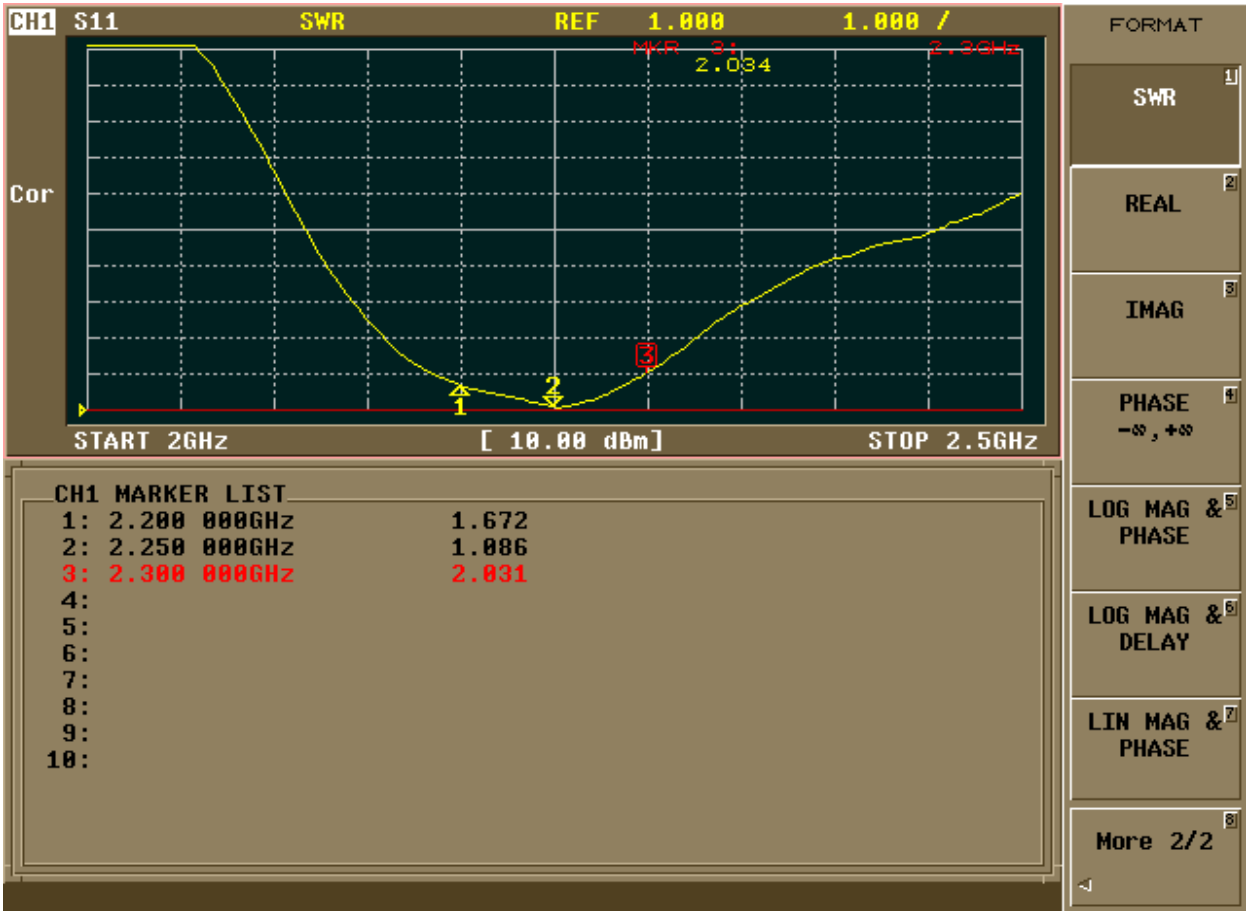
1.2 Mechanical Properties

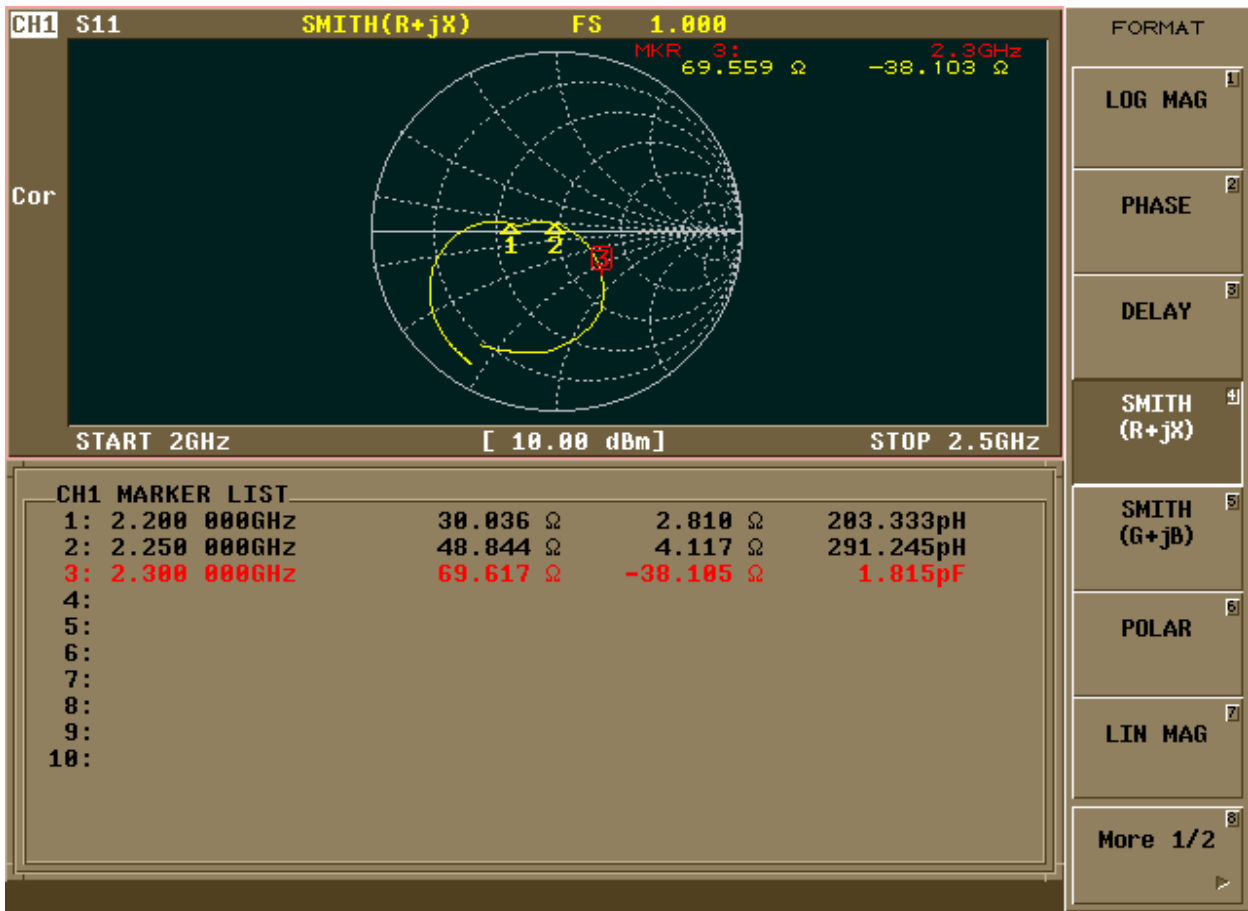
Parameter	Description
Antenna Type	External Antenna
Material	ASA778T UV
Touch Type	Screw Type
Connector Type	SMA90 (Male)
Antenna Dimensions	OD9.4 x 127mm \pm 2
Antenna Color	Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C



				百展科技有限公司 BJTEK NAVIGATION INC		TEL: 886-2-86720160 FAX: 886-2-86720161	
				TITLE: Federal S-Band 2.2~2.3G Antenna		DWG NO.: TH-2250-SMA90(M)	
				TOLERANCE:		FINISH: SEE TABLE	
				DATE: 2019.10.14		UNIT: MM	
				MATERIAL: SEE TABLE		ISSUED:	
				DRAWN: BILL		CHECKED: LOTUS	
2	ANT COVER	ABS	BALCK				
1	SMA90(M) CONN.	BRASS	COPPER				
ITEM	DESCRIPTION	MAT'L	FINISH	ITEM No.			

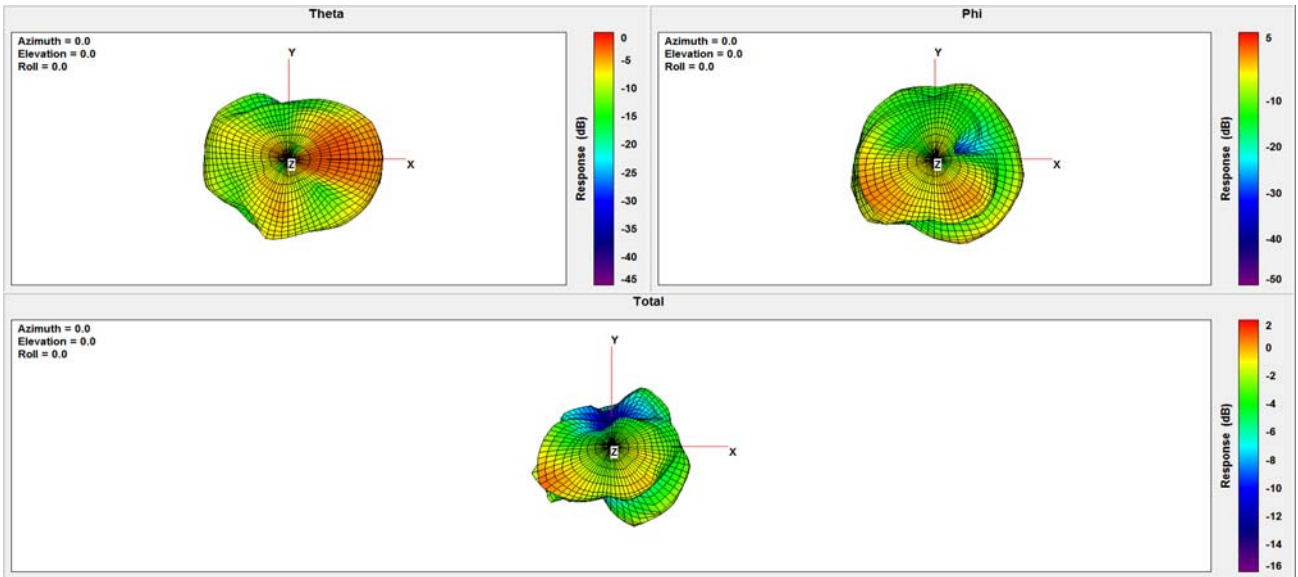




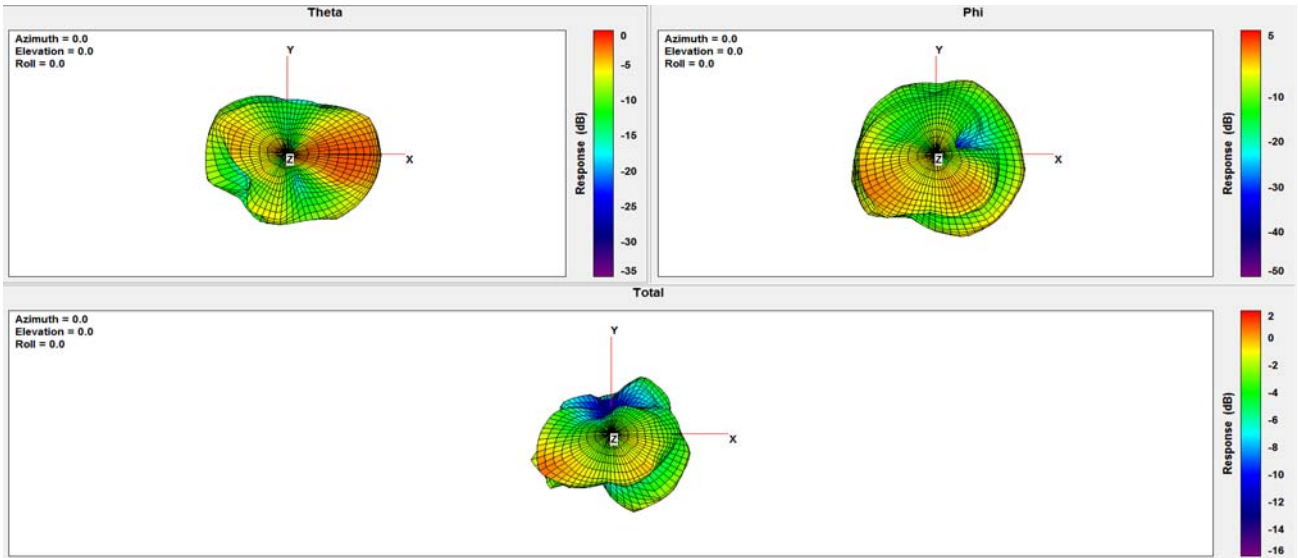


Frequency (MHz)	2200	2250	2300
Peak Gain (dBi)	1.48	2.47	3.10
Efficiency (%)	40.81	51.57	48.41

2200Mhz:



2250Mhz:



2300Mhz:

