

PROFESSOR TECHNOLOGY CO.,LTD.

INTRODUCTION

1. GENERAL DESCRIPTION

Model No	Products P/N
CPA-916-JJB-RA & CPA-916-JJB-ST	916 ST & 916 RA

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	916±30MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 /4 λ Dipole
V.S.W.R	<2.0 typ. At center
Antenna Average Gain	-1dBi est

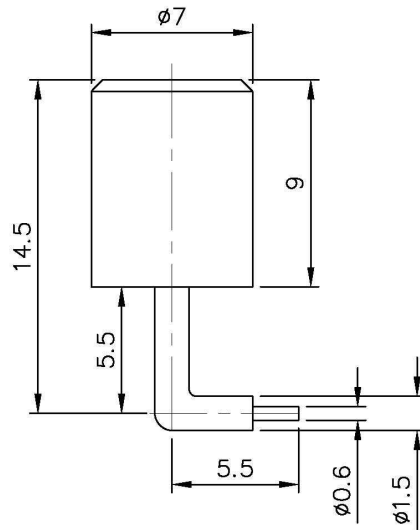
1.2 Mechanical Properties

Parameter	Description
Antenna Dimensions	17.6mm±1/(14.5mm±1+5.5±0.5)
Antenna Cover	PVC+ABS
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

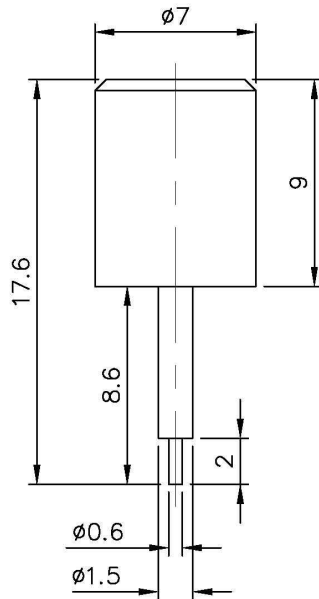
3. Appearance

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NO	INSP SPEC	TEST INSTRUMENT	NO	INSP SPEC	TEST INSTRUMENT	NO	INSP SPEC	TEST INSTRUMENT	NO	DATE	DESCRIPTION	REVISER	VERSION		
A		Vernier calipere	C		TWIST	E		THRUST	01						
B		Vernier calipere	D		PULL	F		WEIGHT	02						
 Third angle projection				CUSTOMER' S		MODEL		PARTS NUMBER		FREQUENCY		UNIT	SCALE	DATE	VERSION
												M/M		20060511	1
PROFESSOR 普傑國際股份有限公司				TOLERANCE		X. XX±0. 15		NAME		PARTS NUMBER		APPROVED	CHECKED	DRAWING	DESIGNED
				SURFACE ROUGHNESS				APPEARANCE		ANT-916-JJB-RA (Right-Angle)					

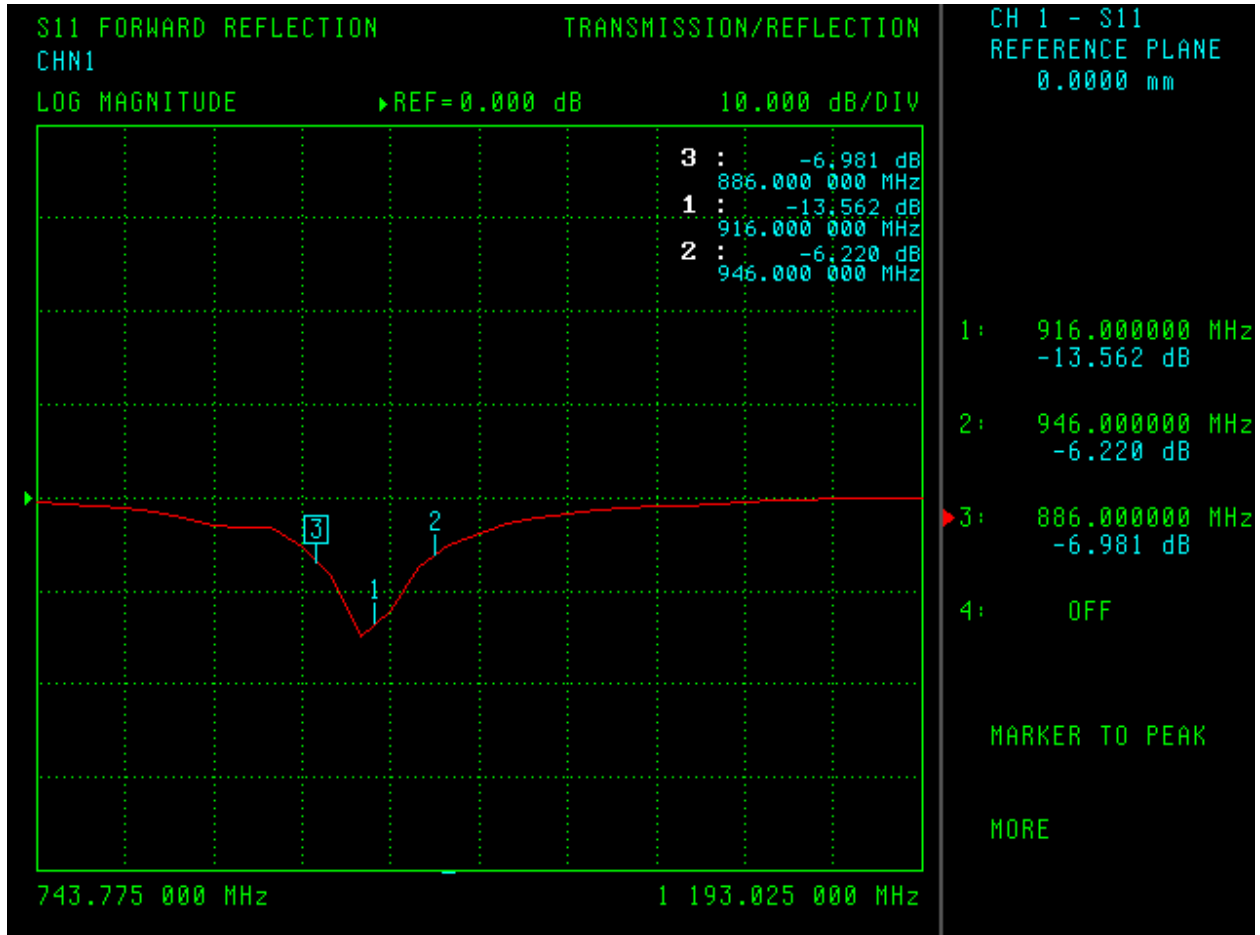
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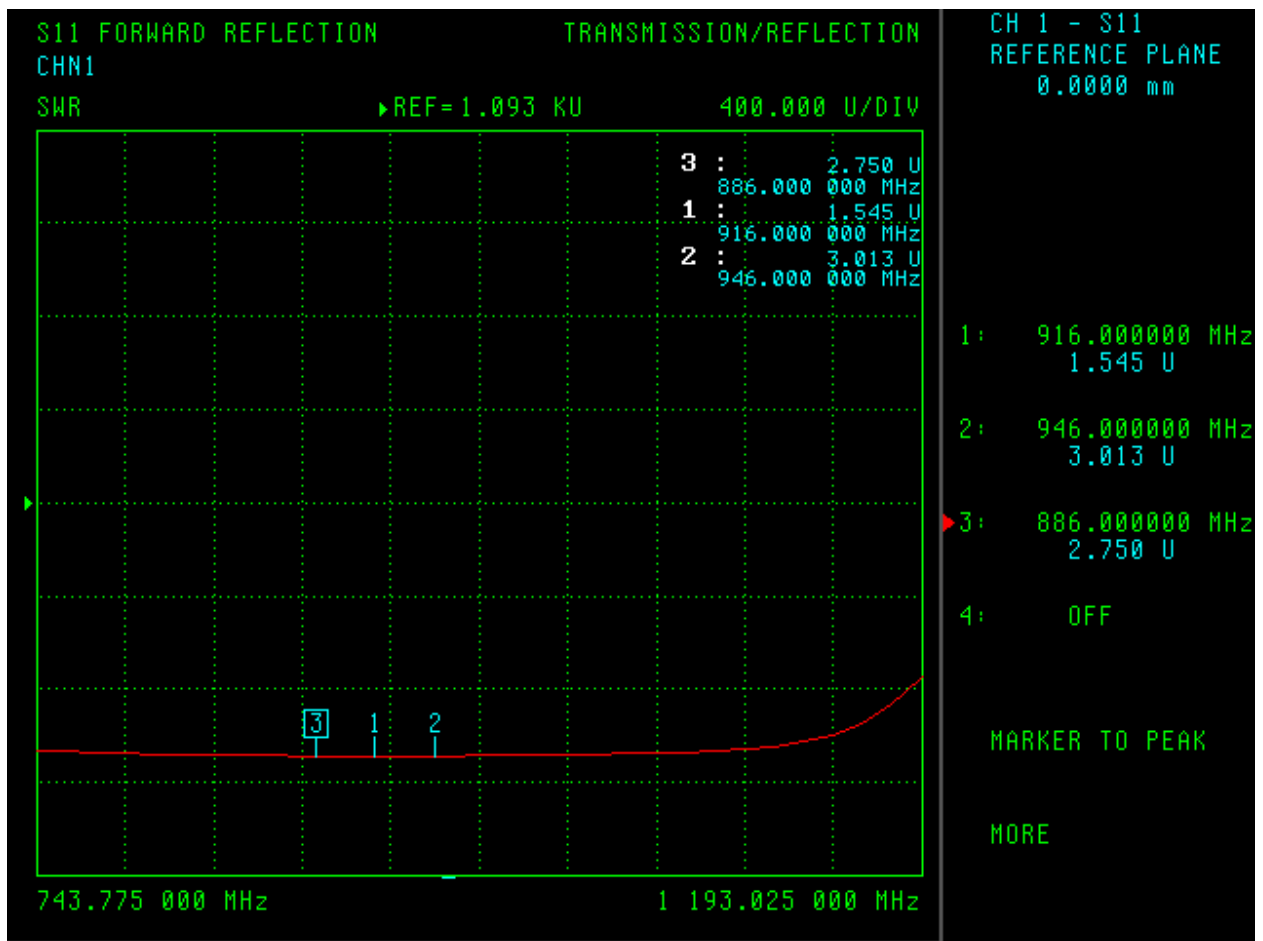
NO	INSP	SPEC	TEST INSTRUMENT	NO	INSP	SPEC	TEST INSTRUMENT	NO	INSP	SPEC	TEST INSTRUMENT	NO	DATE	DESCRIPTION	REVISER	VERSION			
A			Vernier calipere	C			TWIST	E			THRUST	01							
B			Vernier calipere	D			PULL	F			WEIGHT	02							
 Third angle projection				CUSTOMER'S		MODEL		PARTS NUMBER		FREQUENCY		UNIT		SCALE		DATE		VERSION	
												M/M				20060511		1	
PROFESSOR 普傑國際股份有限公司				TOLERANCE		X. XX±0. 15		NAME		PARTS NUMBER		APPROVED		CHECKED		DRAWING		DESIGNED	
				SURFACE ROUGHNESS				APPEARANCE		ANT-916-JJB-ST (Straight)									

4. FREQUENCY

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