

DVBT PASSIVE Antenna

Model : DAP-130



1. GENERAL DESCRIPTION

P/N
DAP-130

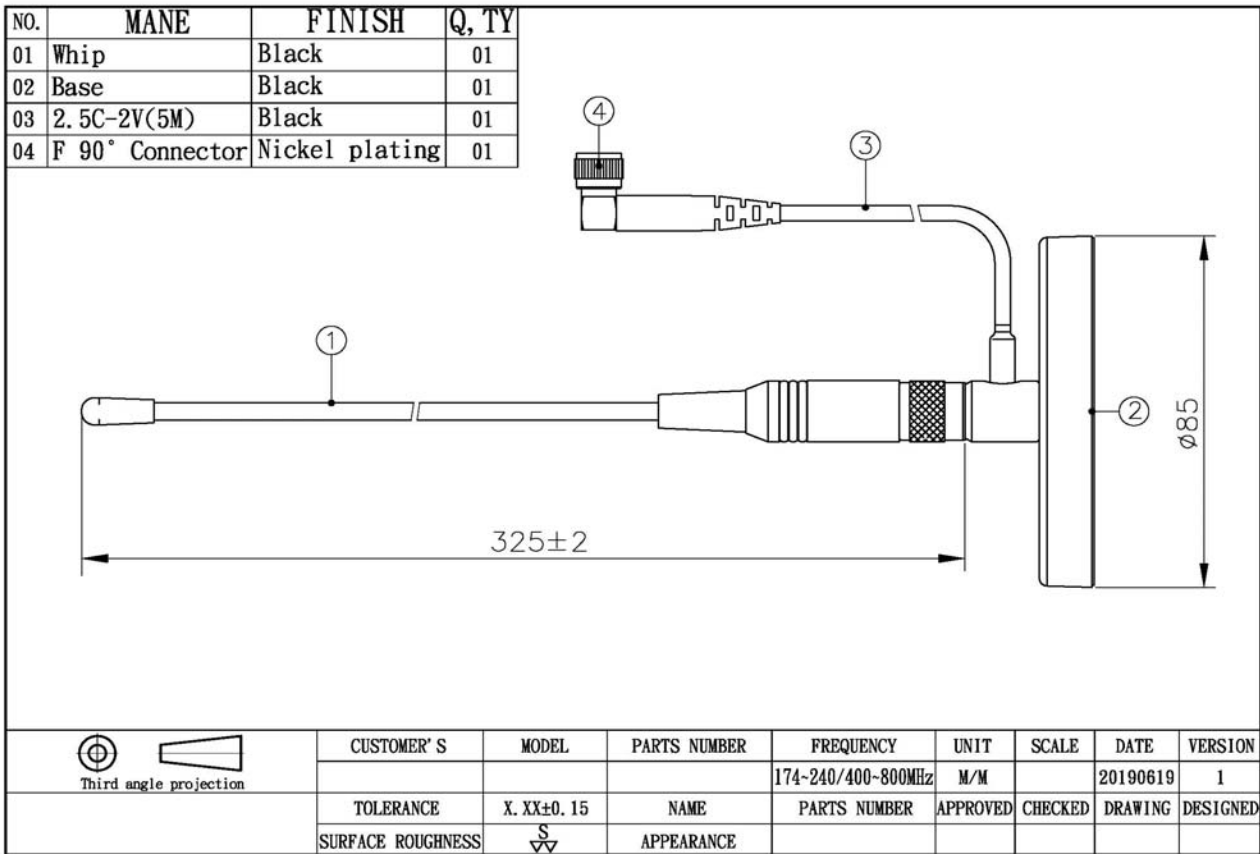
1.1 Electrical Properties

Parameter	Description
Frequency Band	174~240/400~800MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	3.3:1

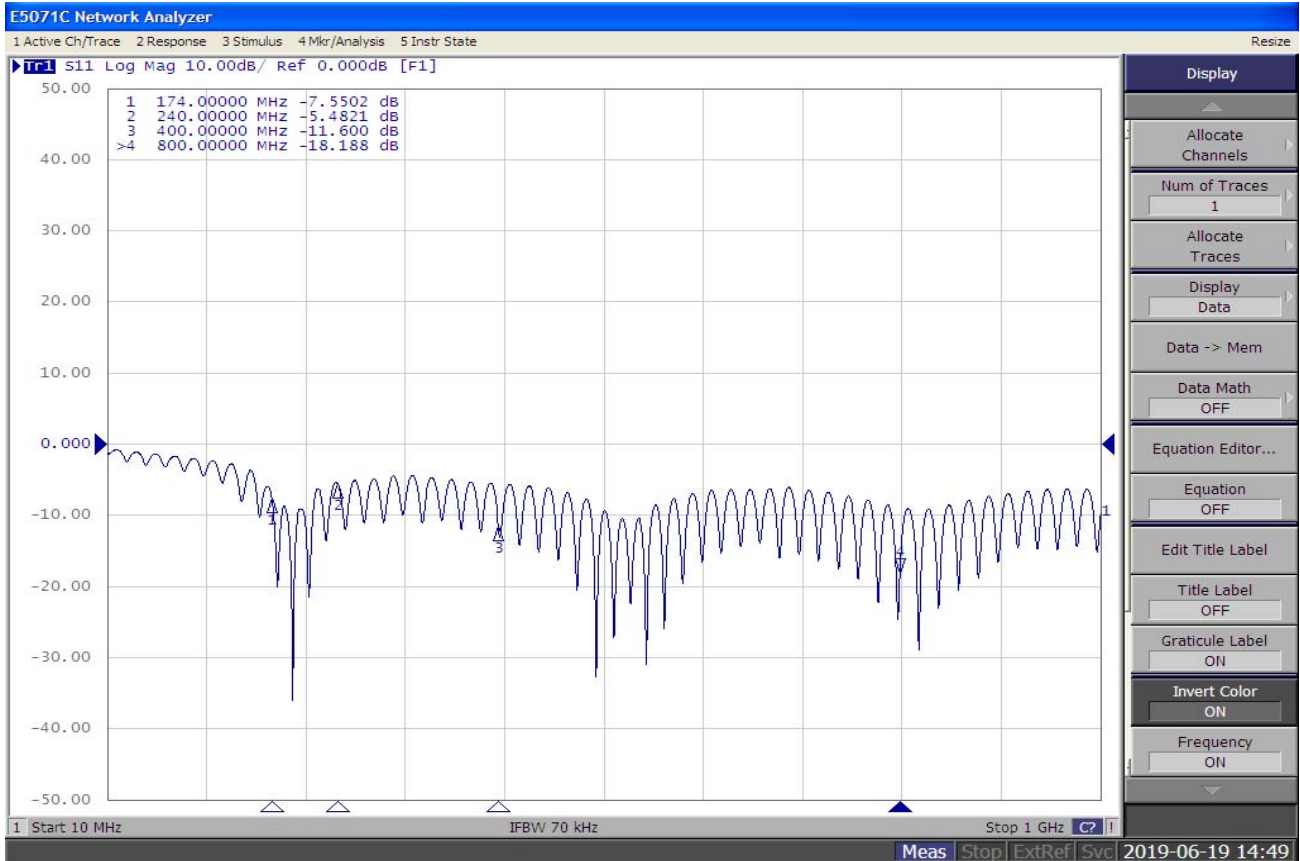
1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	F 90° (Male)
Antenna Dimensions	325mm ± 2(Cable:5000±50)
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

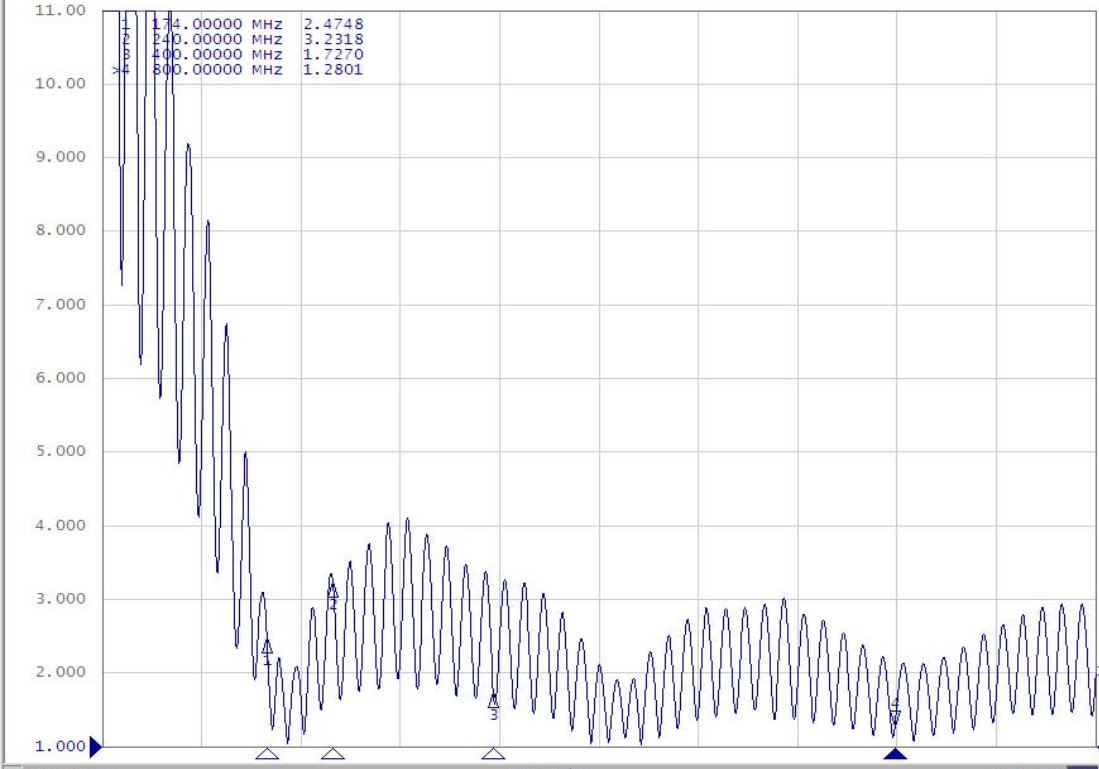


E5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Resize

Tr1 S11 SwR 1.000/ Ref 1.000 [F1]



1 Start 10 MHz

IFBW 70 kHz

Stop 1 GHz

Meas Stop ExtRef Svc

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Format

SWR

Log Mag

Phase

Group Delay

Smith

Polar

Lin Mag

SWR

Real

Imaginary

Expand Phase

Positive Phase

Return

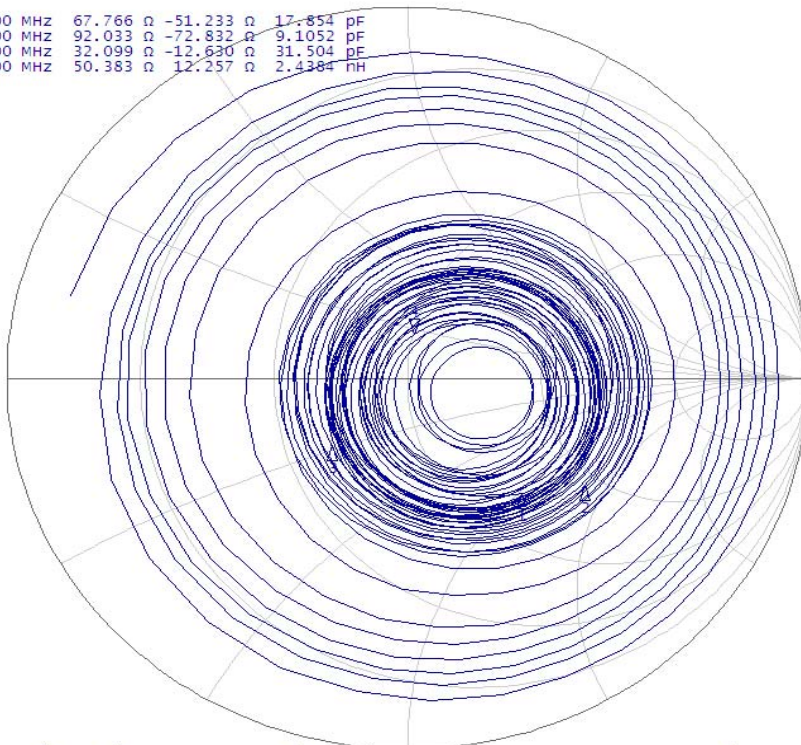
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Resize

Tr1 s11 smith (R+jX) scale 1.000u [F1]

1	174.00000 MHz	67.766 Ω	-51.233 Ω	17.854 pF
2	240.00000 MHz	92.033 Ω	-72.832 Ω	9.1052 pF
3	400.00000 MHz	32.099 Ω	-12.630 Ω	31.504 pF
> 4	800.00000 MHz	50.383 Ω	12.257 Ω	2.4384 nH



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