

AD00171-7/1



N (J) SMA (J) BH
L:32.8mm(12.8-5-15)
BO/NI, PI/GO

AD00171-7/1

Frequency	
Insertion Loss	
VSWR	
Impedance	■ 50Ω □ 75Ω
Temperature	-40°C ~ 125°C

S11/S22/S21(SWR, SWR, dB)

■ _0.5GHz	- 1.04, 1.04, 0.03
■ _1.0GHz	- 1.06, 1.06, 0.01
■ _2.0GHz	- 1.07, 1.07, 0.04
■ _3.0GHz	- 1.05, 1.06, 0.05
■ _4.0GHz	- 1.03, 1.04, 0.06
■ _5.0GHz	- 1.17, 1.16, 0.09

■ _6.0GHz	- 1.19, 1.22, 0.15
■ _7.0GHz	- 1.14, 1.16, 0.14
■ _8.0GHz	-
■ _MaX_	- 1.29, 1.22, 0.19

► **NETWORK ANALYZER**

- E5071B (~8.5GHz)
- ZVA50 (~50GHz)

► **Test cable**

- N Male to SMA Male
10GHz Cable (CF00540-7/1)
- N Male to N Male
10GHz Cable (CF00539-7/1)
- 2.4mm Female to 2.4mm Male
50GHz Cable (CF01252-7/1)

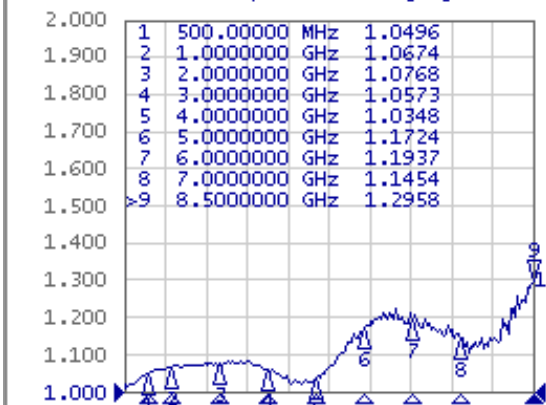
► **Test Adaptor**

- NP-SMAJ (Agilent)
- 2.92mm (J) to 2.92mm(J)
AD00644-7/2
- NJ-SMAJ AD00424-7/1
- 2.4mm (J) to 2.92mm (P)
AD00646-7/2

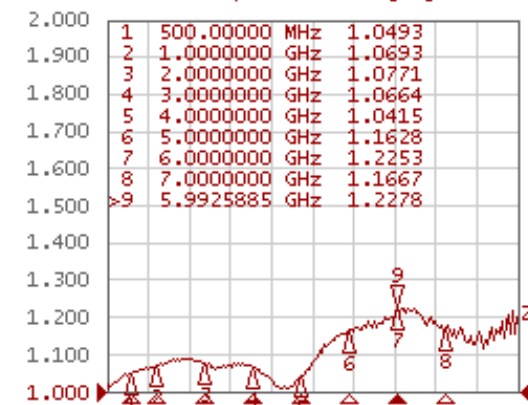
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

AD00171-1

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]



Tr2 S22 SWR 100.0m/ Ref 1.000 [F2]



Tr3 S21 Log Mag 1.000dB/ Ref 0.000dB [F2]



1 Start 300 kHz

IFBW 70 kHz

Stop 8.5 GHz

Meas

Stop

ExtRef

Ready

Svc

2019-10-17 14:44

Display

Allocate Channels

Num of Traces
3

Allocate Traces

Display Data

Data -> Mem

Data Math
OFF

Equation Editor...

Equation
OFF

Edit Title Label

TR1: IN PORT VSWR(S11), TR2: OUT PORT VSWR(S22), TR3: Insertion Loss (S21)