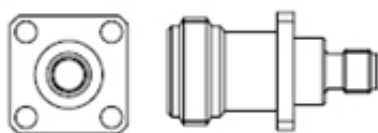


AD00470-7/1



N (J) SMA (J) 4 HOLE
□17.5-12.7-3.2
L:31mm(16.2-2.5-12.3)
BO/SU, PI/GO

AD00470-7/1

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	- 1.04, 1.04, 0.01
■_2.0GHz	- 1.04, 1.04, 0.07
■_3.0GHz	- 1.07, 1.07, 0.10
■_4.0GHz	- 1.02, 1.02, 0.14
■_5.0GHz	- 1.17, 1.20, 0.28
■_6.0GHz	- 1.15, 1.05, 0.37
■_7.0GHz	- 1.05, 1.06, 0.32
■_8.0GHz	-
■_MaX___	- 1.21, 1.21, 0.43

► 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

AD00470-1

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]

1	500.00000	MHz	1.0434
2	1.0000000	GHz	1.0479
3	2.0000000	GHz	1.0446
4	3.0000000	GHz	1.0760
5	4.0000000	GHz	1.0213
6	5.0000000	GHz	1.1764
7	6.0000000	GHz	1.1577
8	7.0000000	GHz	1.0514
9	5.5251050	GHz	1.2172

Tr2 S22 SWR 100.0m/ Ref 1.000 [F2]

1	500.00000	MHz	1.0416
2	1.0000000	GHz	1.0454
3	2.0000000	GHz	1.0459
4	3.0000000	GHz	1.0779
5	4.0000000	GHz	1.0246
6	5.0000000	GHz	1.2058
7	6.0000000	GHz	1.0586
8	7.0000000	GHz	1.0648
9	5.1426185	GHz	1.2150

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

1	500.00000	MHz	-0.0345	dB
2	1.0000000	GHz	-0.0146	dB
3	2.0000000	GHz	-0.0731	dB
4	3.0000000	GHz	-0.1060	dB
5	4.0000000	GHz	-0.1462	dB
6	5.0000000	GHz	-0.2837	dB
7	6.0000000	GHz	-0.3707	dB
8	7.0000000	GHz	-0.3252	dB
9	8.5000000	GHz	-0.4361	dB

1 Start 300 kHz

IFBW 70 kHz

Stop 8.5 GHz

Cor

Meas

Stop

ExtRef

Ready

Svc

2019-10-17 14:53

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)