

Test Equipment Summary :

Equipment	Manufacture	P/N	S/N	Description
Network Analyzer	Agilent	E5071C	MY46523409	4 Port, 100 kHz to 8.5 GHz
Time Domain Reflectometry	Agilent	ENA-TDR	MY46523409	E5071C option TDR
Pattern Generator	Agilent	ENA-TDR	MY46523409	E5071C option TDR

Device Under Test (DUT) & Test Environment Information :

P/N:	RG213	Specifications:	
DUT Lot:	1	DUT Bundle:	
DUT Length(M):	20	Test Pair:	1 pair
Temperature(°C):	25	Humidity(%):	50
Remark:			

Test Result Summary:

1	Attenuation	Pass
2	Return Loss	Pass
3	Impedence	Pass

Test Result: Pass

Test Data Summary

Attenuation

Start Freq	End Freq	Spec Max	Spec Min	Pair 1	Pair 1
50	50	--	-5.6	-0.8171	-4.0855
100	100	--	-7.2	-1.1914	-5.9570
400	400	--	-16.0	-2.5808	-12.9040
600	600	--	-19.7	-3.2697	-16.3485
1000	1000	--	-30.2	-4.4472	-22.2360
1500	1500	--	--	-5.7321	-28.6605
1750	1750	--	--	-6.3609	-31.8045
2500	2500	--	--	-8.3649	-41.8245
3000	3000	--	--	-9.9590	-49.7950
MHz	MHz	dB	dB/100M	dB/20M	dB/100M

Test Result:Pass

Impedence

Start Freq	End Freq	Spec Max	Spec Min	Pair 1
30	300	52	48	49.437
300	600	52	48	49.781
600	1000	52	48	51.076
1000	2000	--	--	51.531
2000	3000	--	--	48.759
MHz	MHz	Ω	Ω	Ω

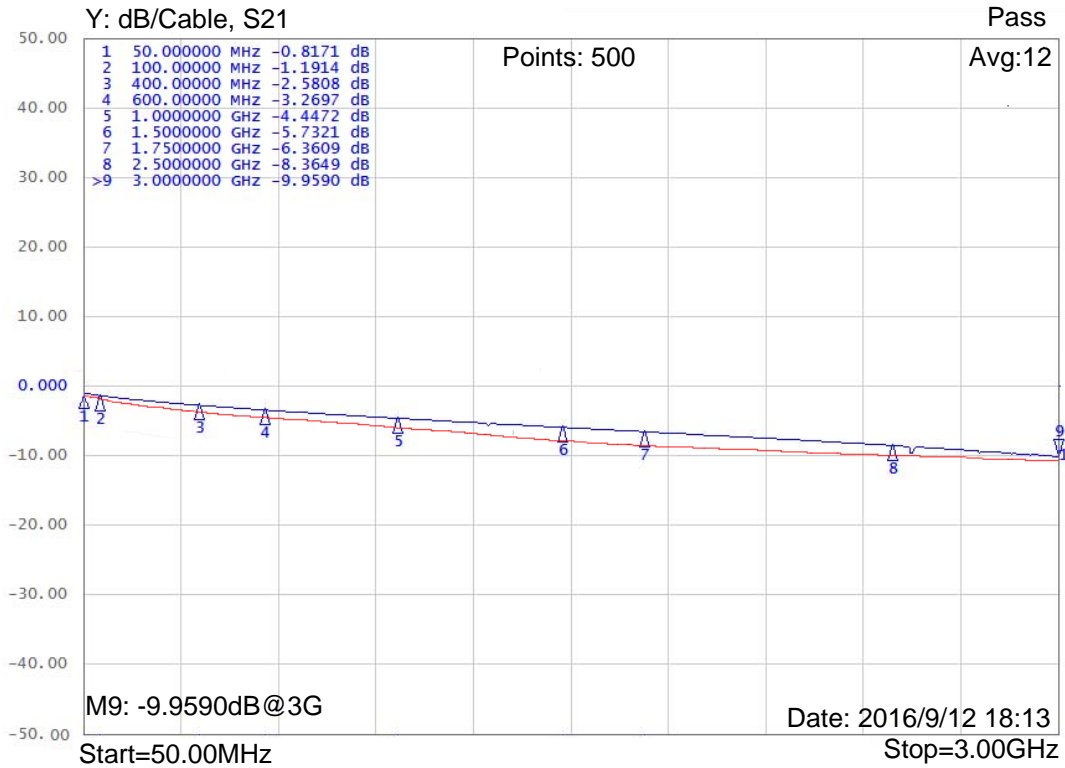
Test Result:Pass

Return Loss

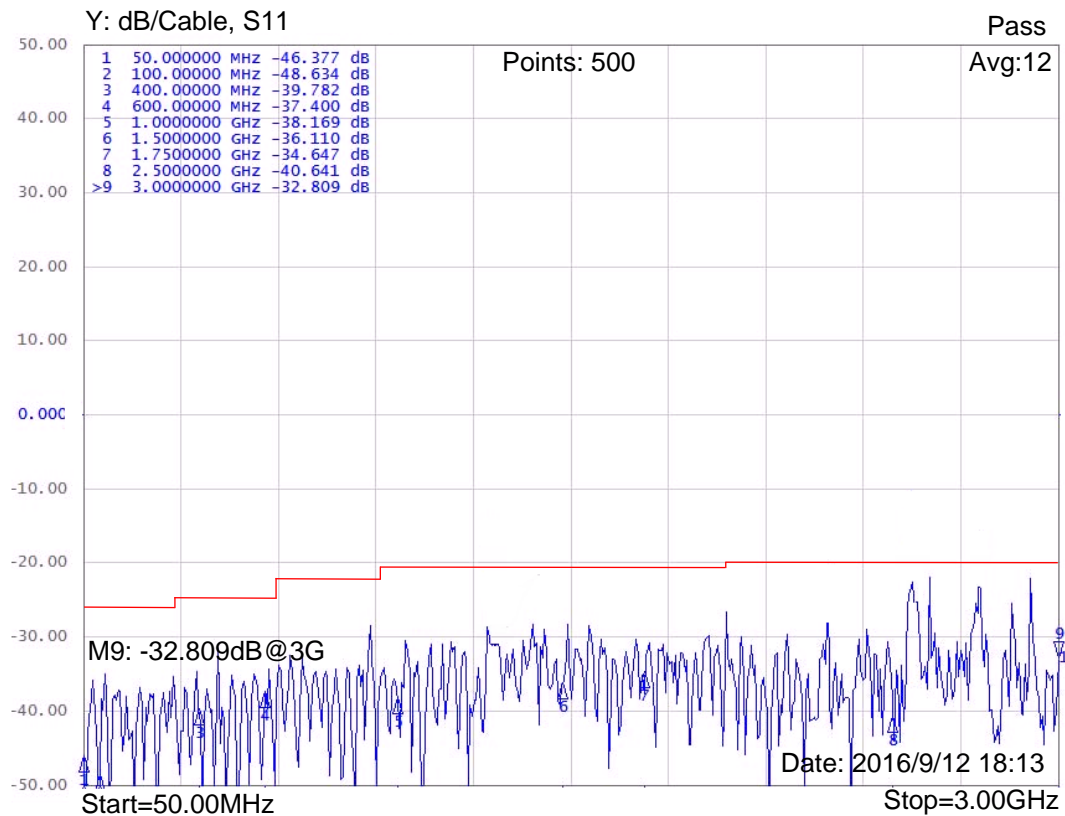
Start Freq	End Freq	Spec Max	Spec Min	Pair 1
30	300	--	<-27.5	-48.377
300	600	--	<-26.0	-39.782
600	1000	--	<-23.0	-38.169
1000	2000	--	--	-34.647
2000	3000	--	--	-32.809
MHz	MHz	dB	dB	dB

Test Result:Pass

Attenuation RG 213

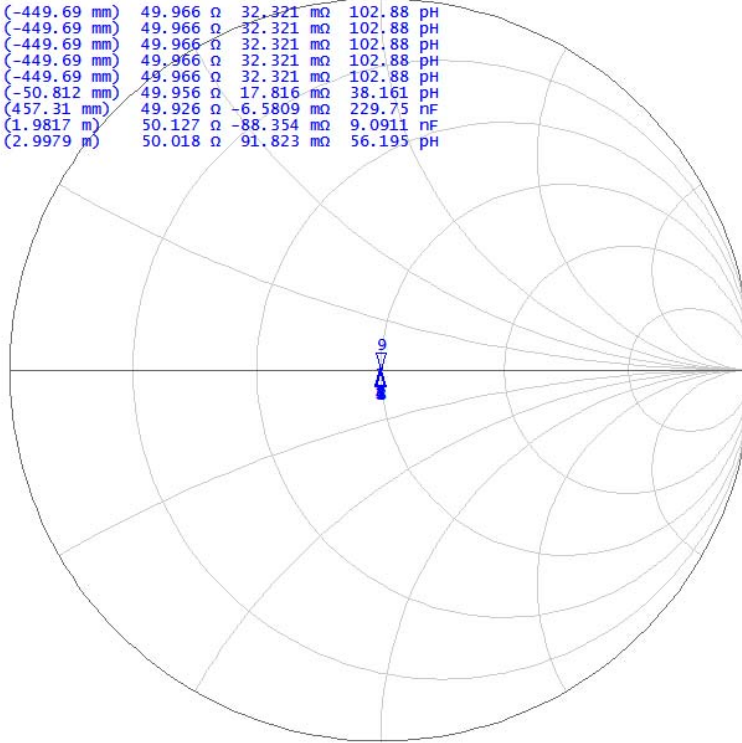


Return Loss RG 213



Impedance RG 213

1	-1.5000	ns	(-449.69 mm)	49.966 Ω	32.321 $m\Omega$	102.88 pF
2	-1.5000	ns	(-449.69 mm)	49.966 Ω	32.321 $m\Omega$	102.88 pF
3	-1.5000	ns	(-449.69 mm)	49.966 Ω	32.321 $m\Omega$	102.88 pF
4	-1.5000	ns	(-449.69 mm)	49.966 Ω	32.321 $m\Omega$	102.88 pF
5	-1.5000	ns	(-449.69 mm)	49.966 Ω	32.321 $m\Omega$	102.88 pF
6	-169.49	ps	(-50.812 mm)	49.956 Ω	17.816 $m\Omega$	38.161 pF
7	1.5254	ns	(457.31 mm)	49.926 Ω	-6.5809 $m\Omega$	229.75 nF
8	6.6102	ns	(1.9817 m)	50.127 Ω	-88.354 $m\Omega$	9.0911 nF
>9	10.0000	ns	(2.9979 m)	50.018 Ω	91.823 $m\Omega$	56.195 pF



1	50.000000	MHZ	49.830 Ω	440.33 $m\Omega$	1.4016 nH
2	100.000000	MHZ	49.437 Ω	-218.58 $m\Omega$	7.2813 nF
3	400.000000	MHZ	50.229 Ω	933.66 $m\Omega$	371.49 pF
4	600.000000	MHZ	49.781 Ω	1.3564 Ω	359.79 pF
5	1.00000000	GHZ	51.076 Ω	-6.7954 $m\Omega$	23.421 nF
6	1.50000000	GHZ	50.491 Ω	1.4308 Ω	151.82 pF
7	1.75000000	GHZ	51.531 Ω	1.1777 Ω	107.10 pF
8	2.50000000	GHZ	50.951 Ω	-86.919 $m\Omega$	732.43 pF
>9	3.00000000	GHZ	48.759 Ω	1.9381 Ω	102.82 pF

