

Power Divider

The Best Wireless Solution!

Power Divider SMA 2Way 30Watt 1.7~9GHz

Item Code : D01-A3017-01



Product Description

D01-A3017-01 is 2-Way Power Divider with a frequency range of 1.7 to 9GHz.

The forward power of this power divider is 30Watt

The insertion loss is 0.8dB with a typical isolation of 0.6dB

The Working temperature of this product is between -40°C and +85°C

Features

- ✓ Optimized Performance for the site.
- ✓ Wide Band Operation
- ✓ High Power Handling up to 30WATT
- ✓ Minist Size [25*53.6*11mm]
- ✓ High Isolation within operational Band
- ✓ Low Insertion Loss
- ✓ Stable Performance

Electrical Specifications, Room Temp = +25°C

Parameter		Min	Typ	Max	Unit
Frequency Range		1.7		9	GHz
Nominal Divider Loss			3		dB
Insertion loss			0.6	0.8	dB
Isolation		18	19		dB
Input V.S.W.R			1.3	1.45	: 1
Output V.S.W.R			1.3	1.45	: 1
Amplitude Imbalance			0.1	0.2	dB
Phase Imbalance			3	4	deg
Power Rating	Forward Power		30		W
	Reverse Power		1		W
	Peak Power		300		W
Weight			50		g
Impedance			50		Ω

Input / Output Connector Type

SMA-Female(Input) - SMA-Female(Output)

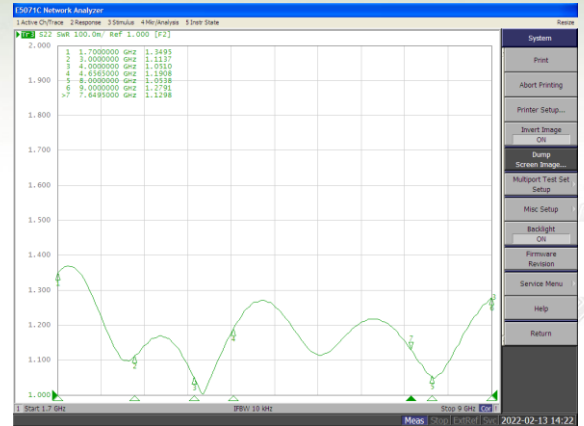
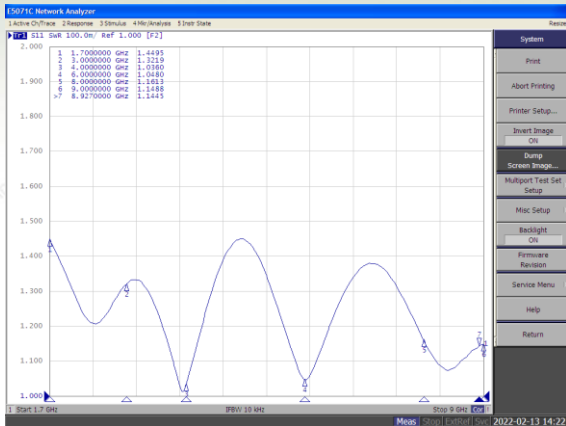
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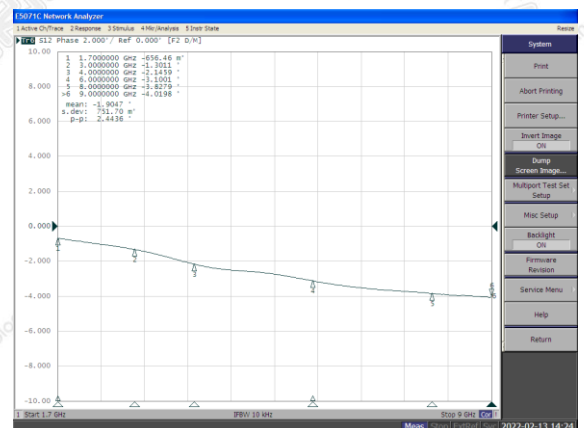
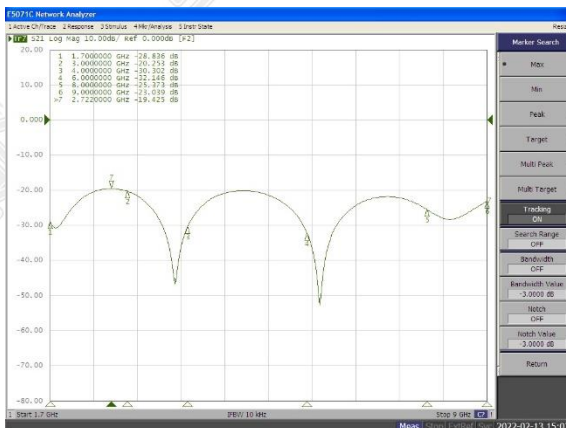
Input V.S.W.R

Output V.S.W.R



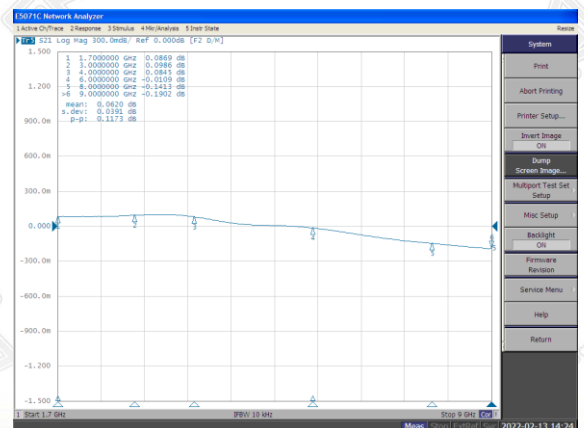
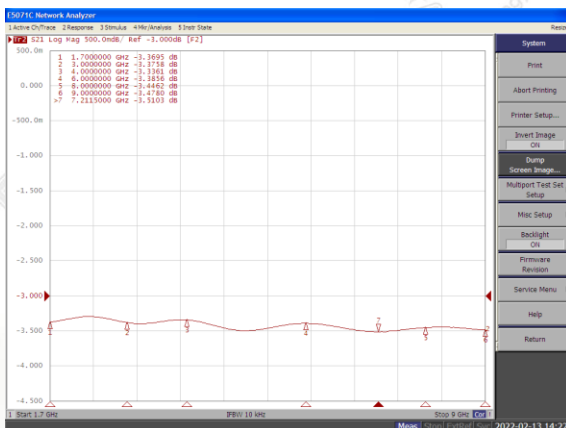
ISOLATION

Phase Imbalance



Insertion Loss

Amplitude Imbalance



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Environmental Specificatiions & Standards

Parameter	Description
Operating Temperature	-40°C to +85°C (case Temperature)
Storage Temperature	-50°C to + 105°C
Thermal Shock	-40°C → +85°C

Outline Drawing

