

## 4-Way Power Divider - 0°

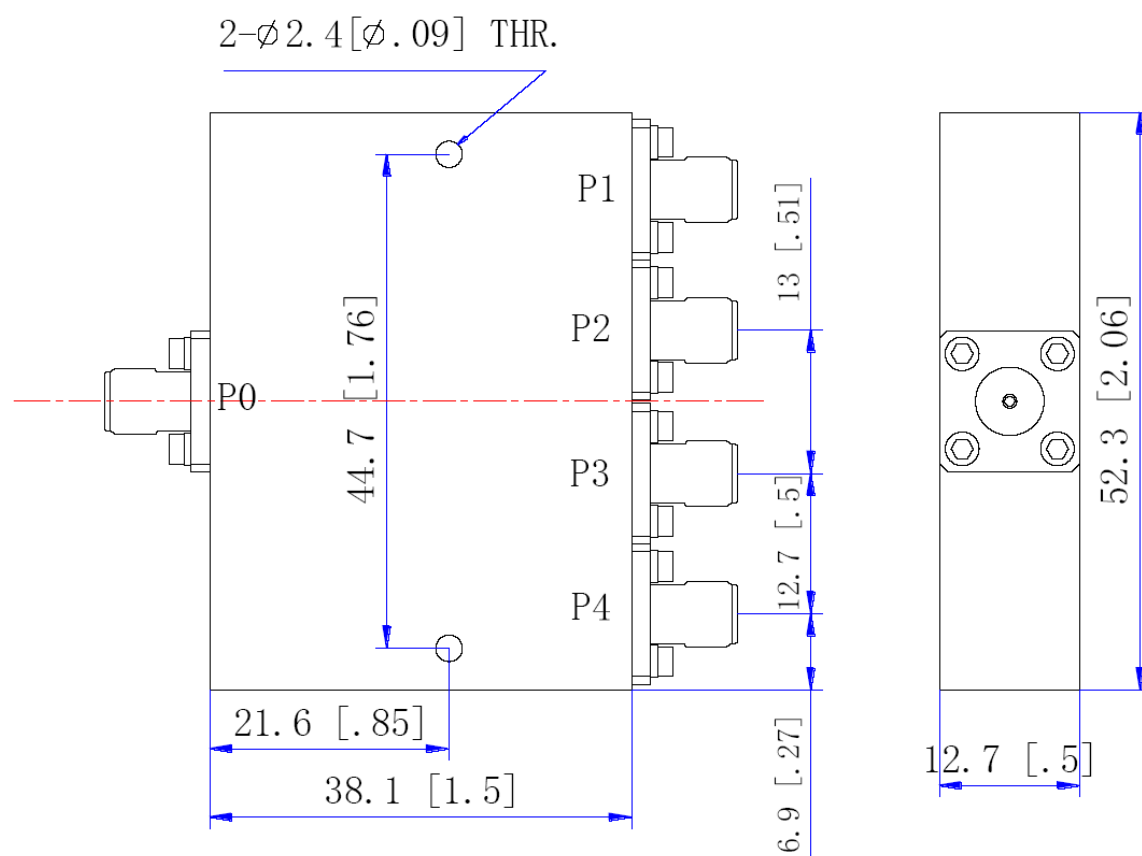
## Model PD180400A4S

### Specifications.

<b>Frequency Range</b>	18~40GHz	<b>Finish</b>	Epoxy Paint
<b>Insertion Loss</b>	≤2.4dB (Above 6dB Split)	<b>Connector Body</b>	Passivated Stainless Steel
<b>VSWR</b>	Input ≤1.70:1 Output ≤1.70:1	<b>Housing</b>	Aluminum, 6061 T6 Clear Chem Conversion Film
<b>Isolation</b>	≥18dB	<b>Connector Pin</b>	2.92-Female
<b>Amplitude Balance</b>	≤±0.5dB	<b>Solder</b>	Lead Free, RoHS Compliant
<b>Phase Balance</b>	≤±5.0°	<b>Operating Temperature</b>	-35°C~+105°C
<b><sup>1</sup>Power Handling</b>	Forward ≤20 Watt; Reversed ≤3 K Watt	<b>Operating Humidity</b>	Up to 95%,Non- Condensing
<b>Impedance</b>	50Ω	<b>Weight</b>	100g
<b>Port Connectors</b>	2.92-Female		

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.60:1.

### Mechanical Outline.



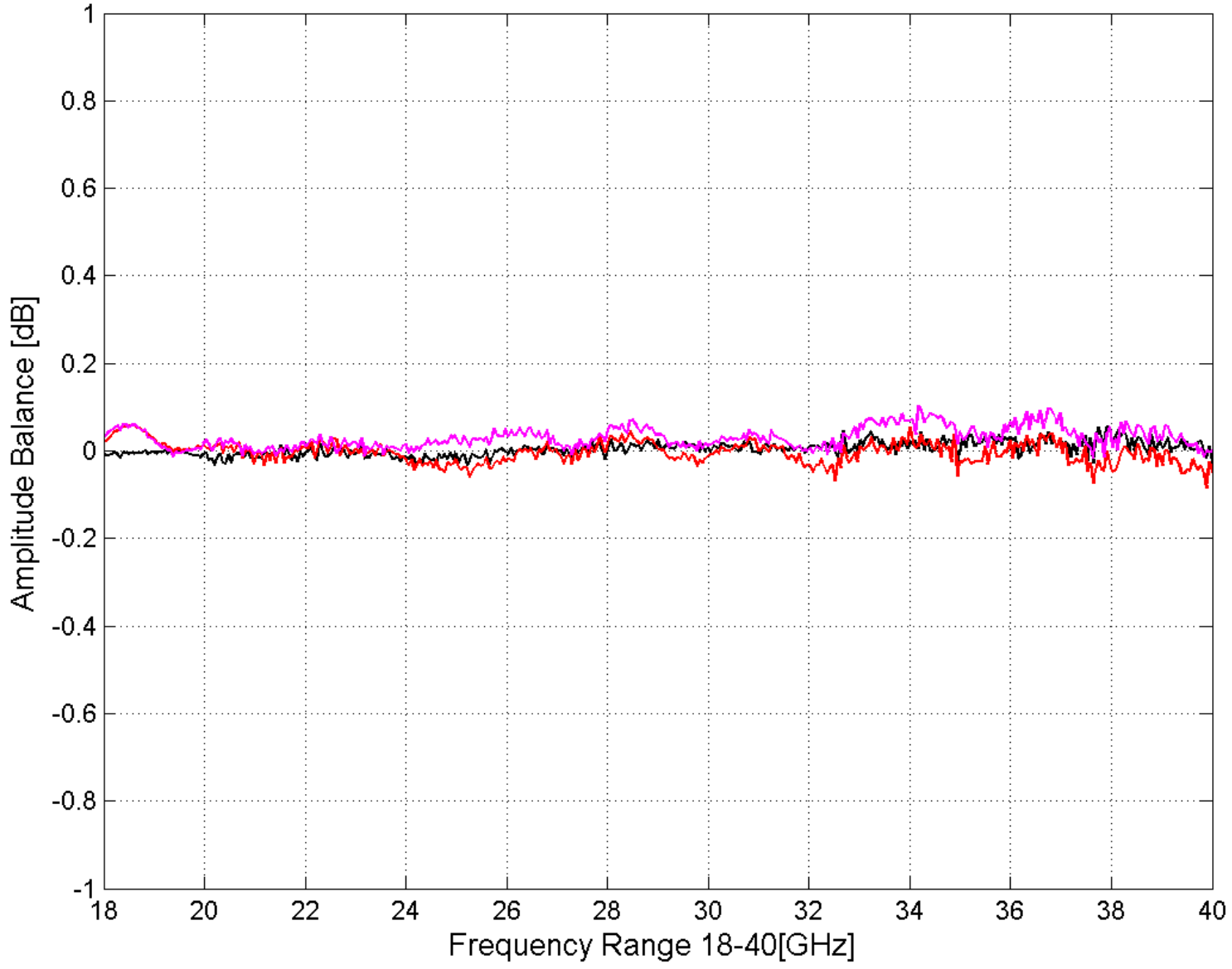
\*Units in m'm

**Tolerance:** ± 0.2 mm

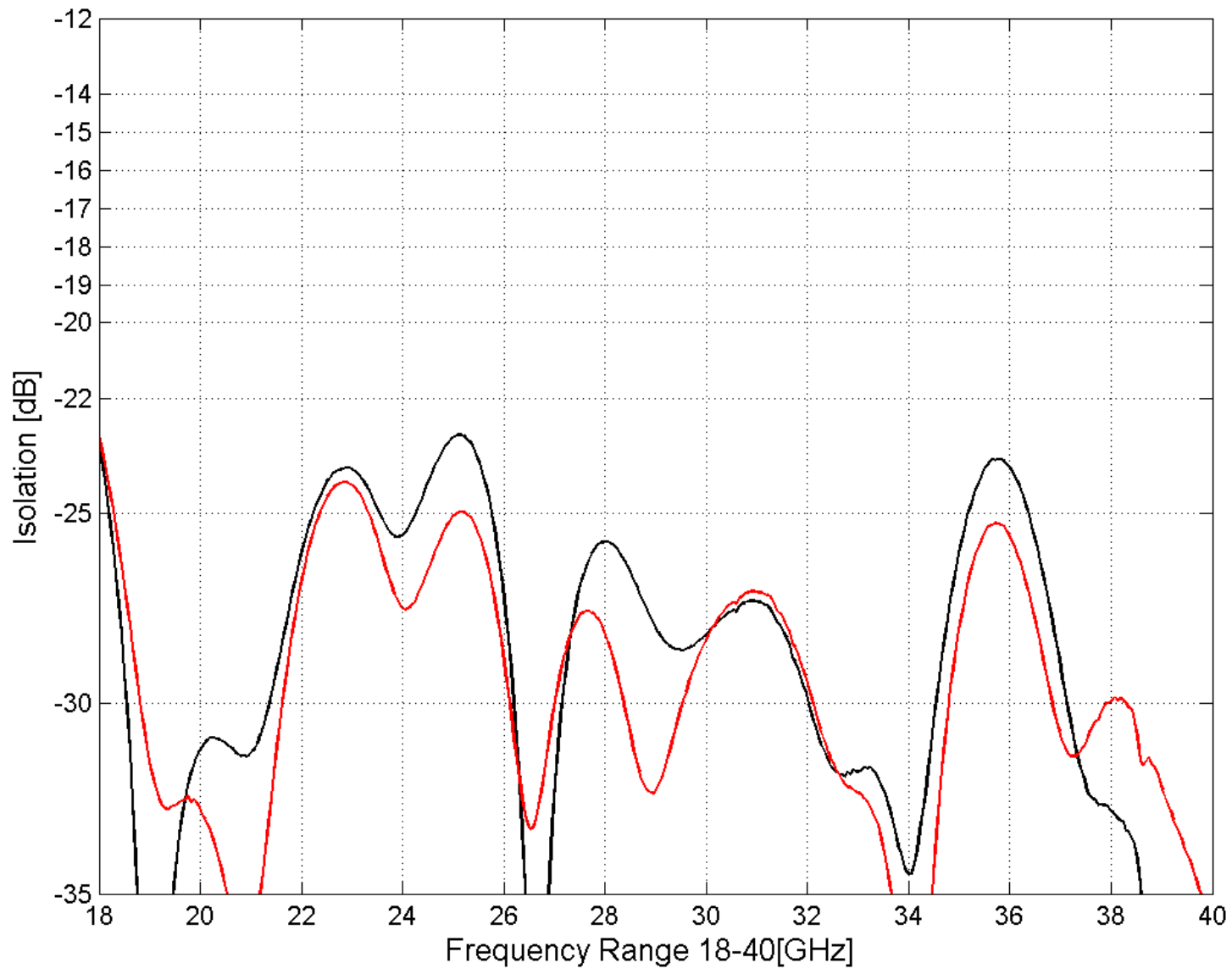


**Test performance:**

**PD180400A4 SN-548104 Output Port Amplitude Balance**

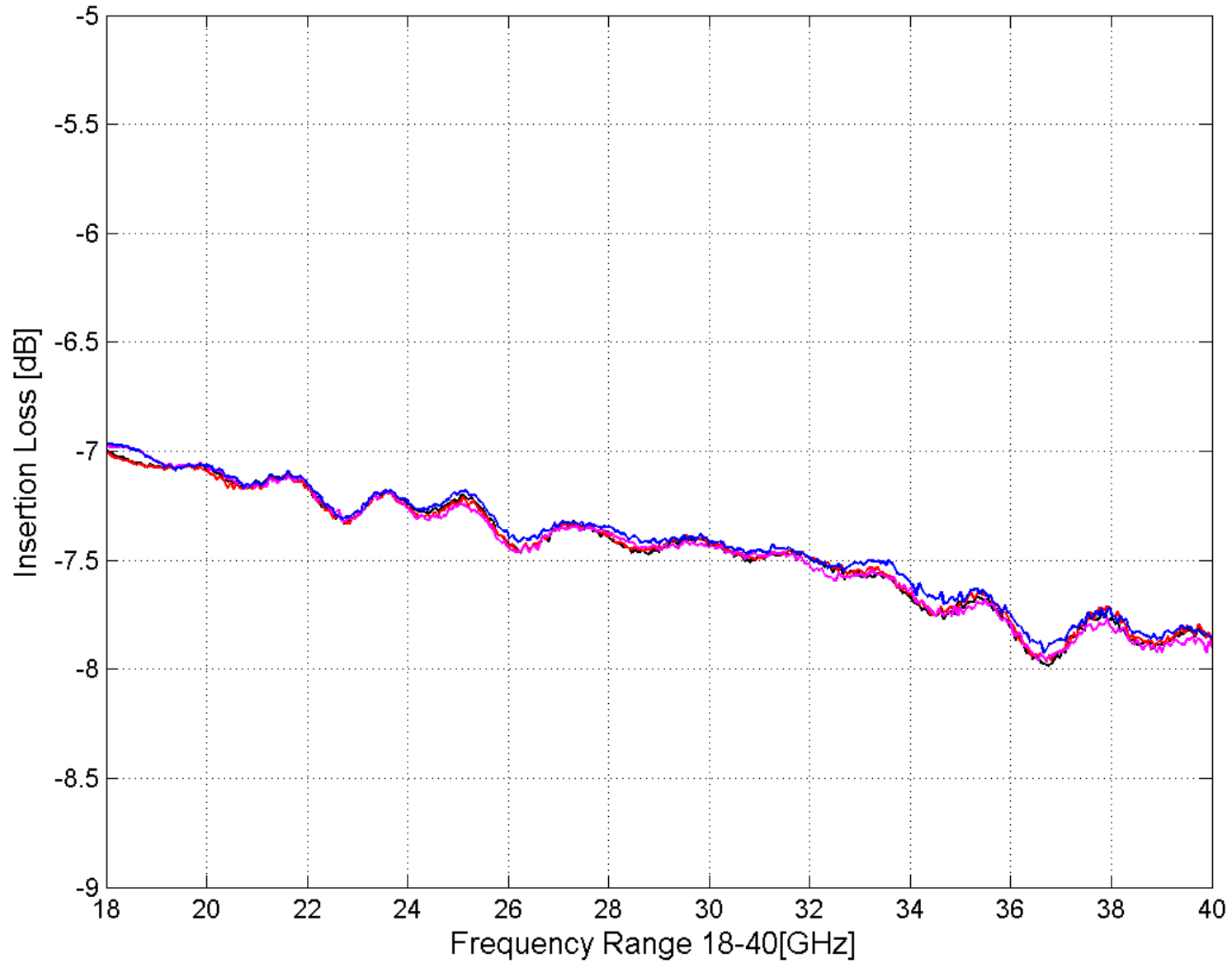


**PD180400A4 SN-548104 Output Port Isolation**

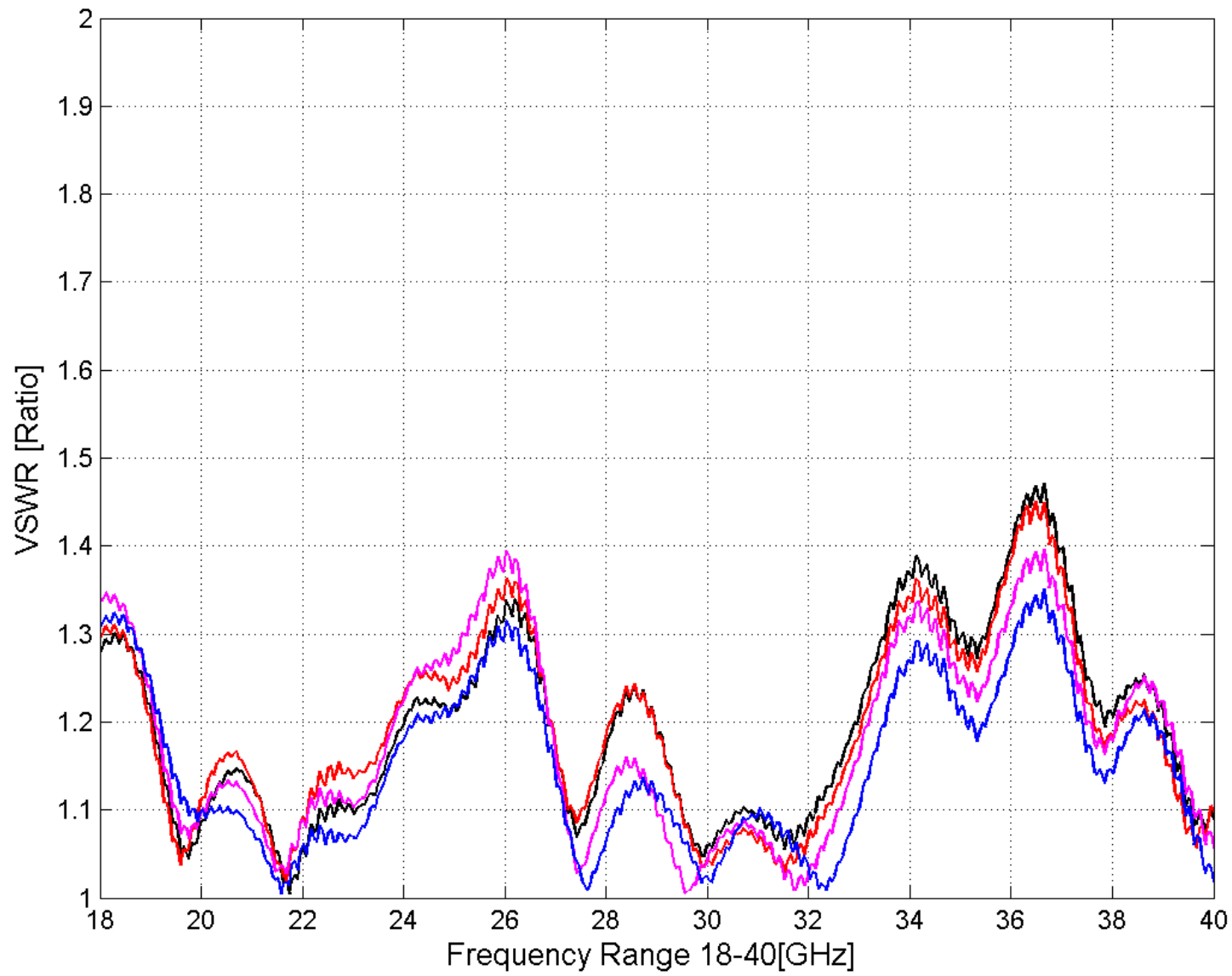




### Output-Port Insertion Loss

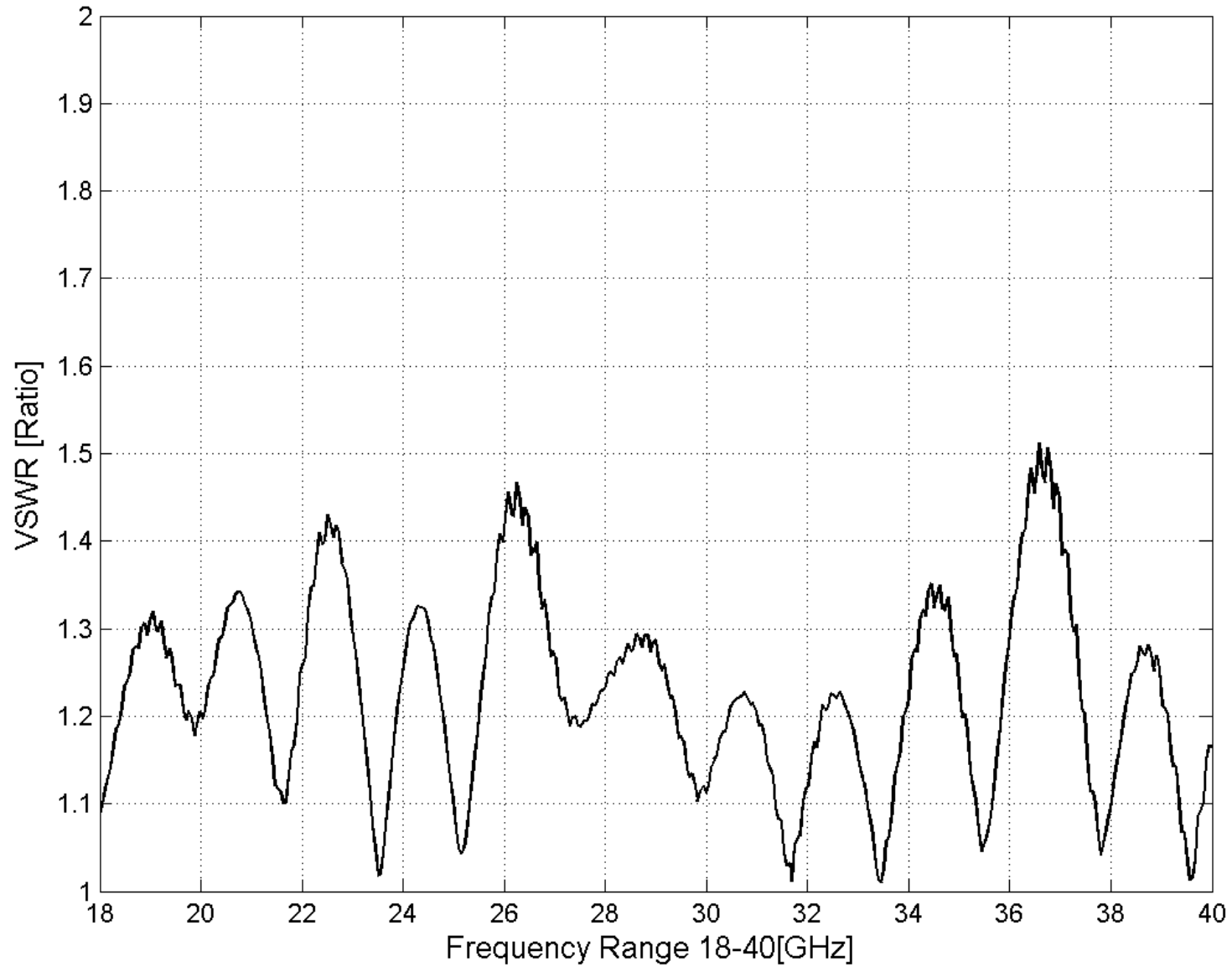


### Output-Port VSWR





### Input Port VSWR



### SN-548104 Phase Balance

