



Analog Voltage Control Phase Shifter 4-8GHz



Features

- Wide Band Operation 4-8GHz
- 360° Phase Shifter
- Low Insertion Loss and Low Phase Error
- Single positive Voltage Control
- Temperature Range -45°C~+85°C
- Customization available upon request

Voltage Control Phase Shifter

Part Number	Frequency (GHz)	Insert Loss max(dB)	VSWR (Max:1)	Phase Shifter (min)	Power (Watts)	Phase Error
RVPT0408GBC	4-8	6	2.5	360°	0.2	±10°

Absolute Maximum Ratings

Control Voltage	DC-13V
Input RF power	10dBm
Storage Temperature (C°)	-50 ~ +125

Mechanical Specification

- Case Style: As shown
- Finishing: Gold plating brass
Other finishing available
- Connector: SMA-F Per MIL-C-39012
- Seal: Hermetically Sealed
- Control PIN: 0.02" dia x 0.15" solder pins
- Weight: 20 grams max.

Environment specifications

Operational Temperature (C°)	-45 ~ +85
Storage Temperature (C°)	-50 ~ +125
Altitude	30,000 ft (Controlled environment)
Vibration	10g rms (15 degree 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msc

Ordering Information

Part No	ECCN	Description
RVPT0408GBC	EAR99	4-8GHz Voltage Control Phase Shifter

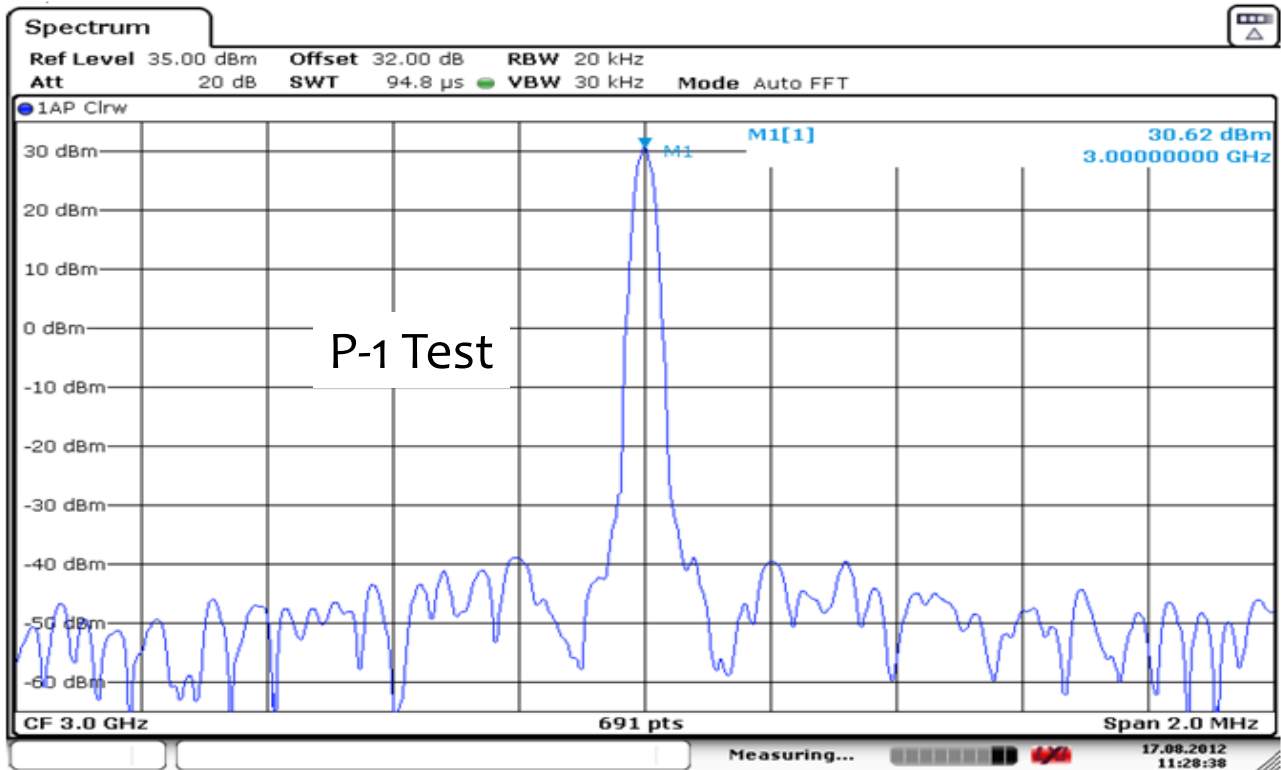
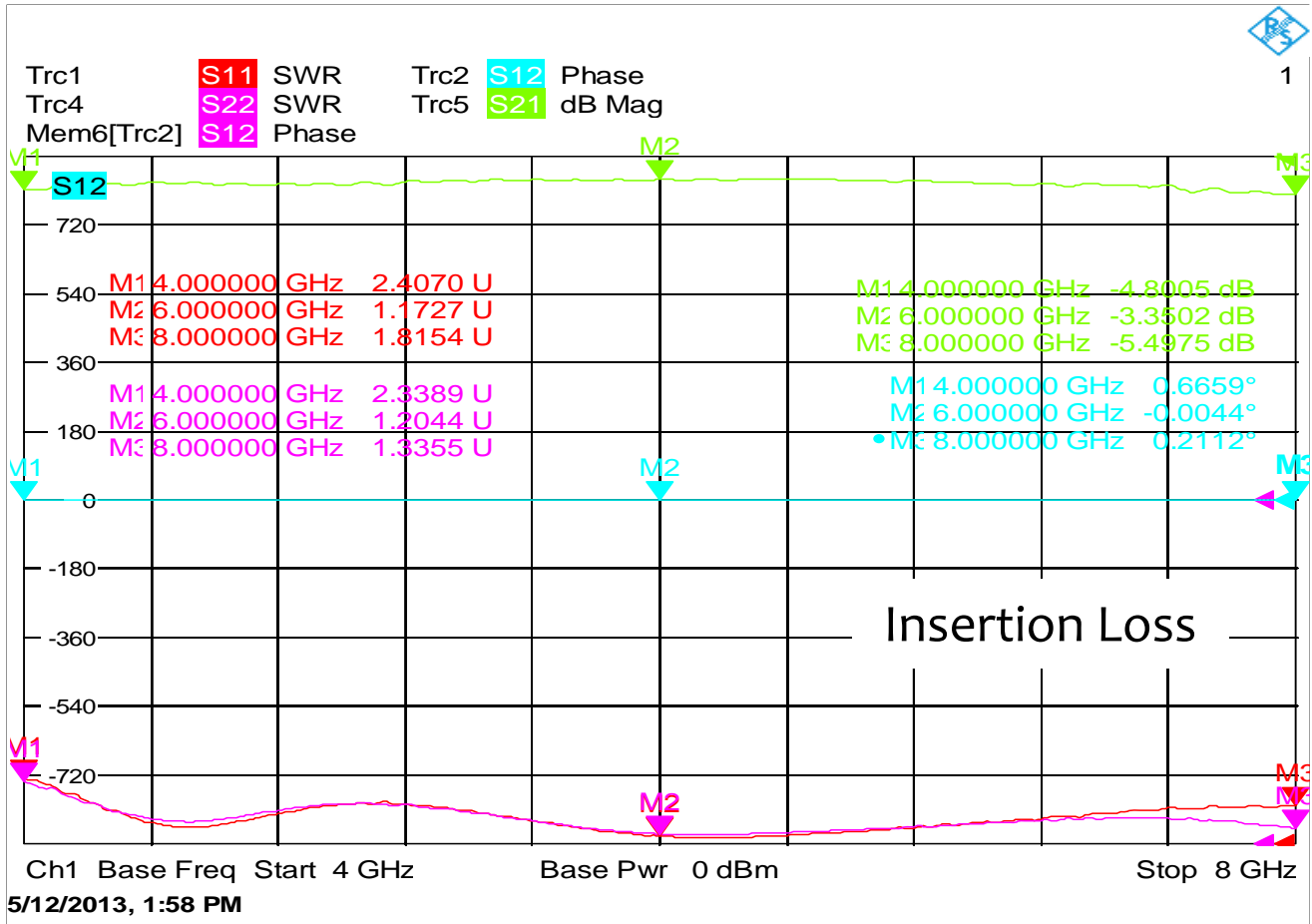


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The power beyond expectations

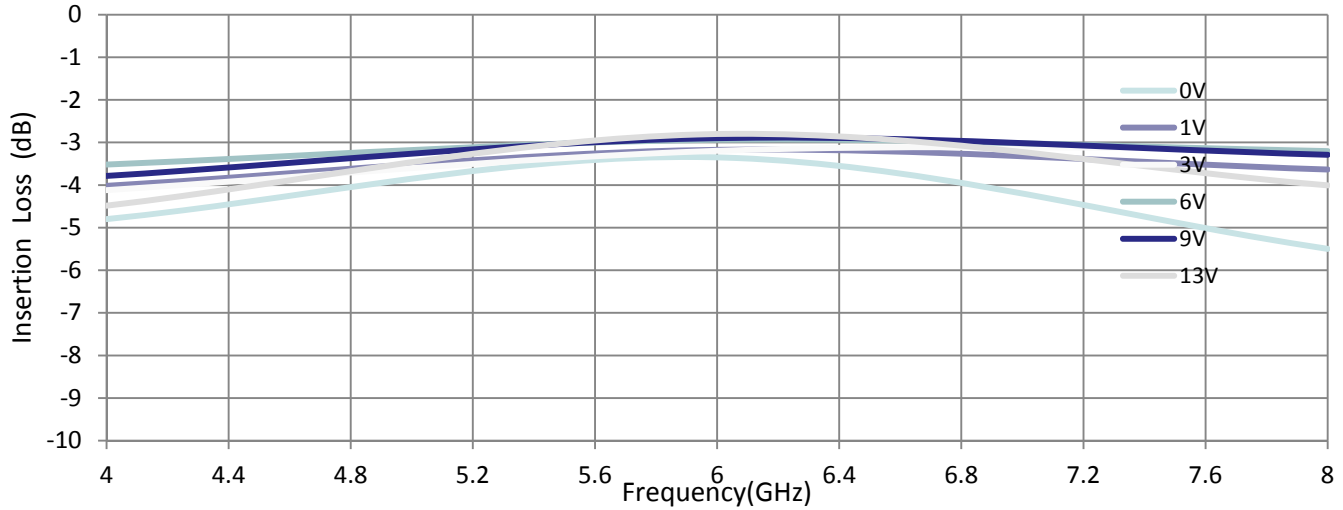
RVPT0408GBC

360 degree Voltage Control Phase Shifter 4-8GHz

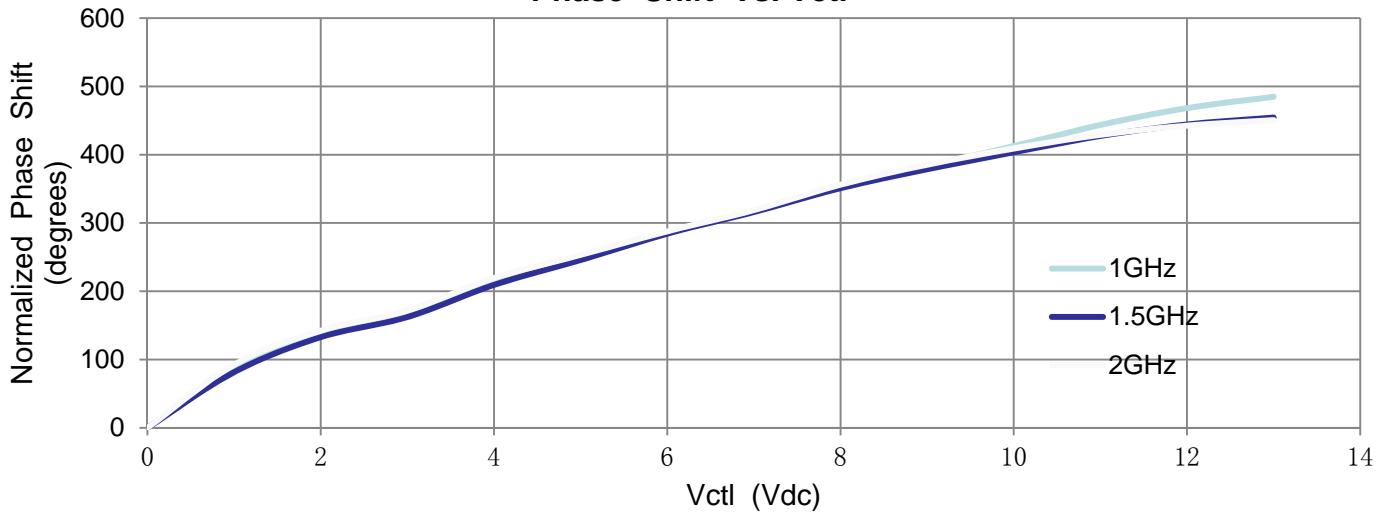




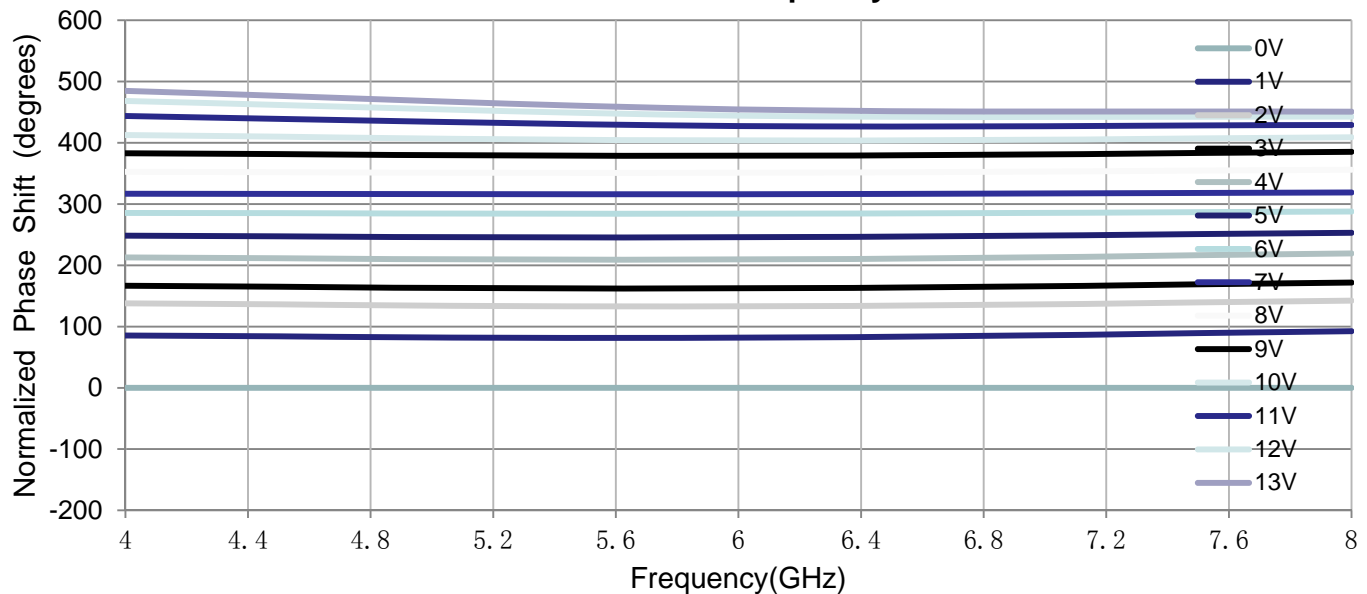
Insertion Loss Vs. Frequency



Phase Shift Vs. Vctl

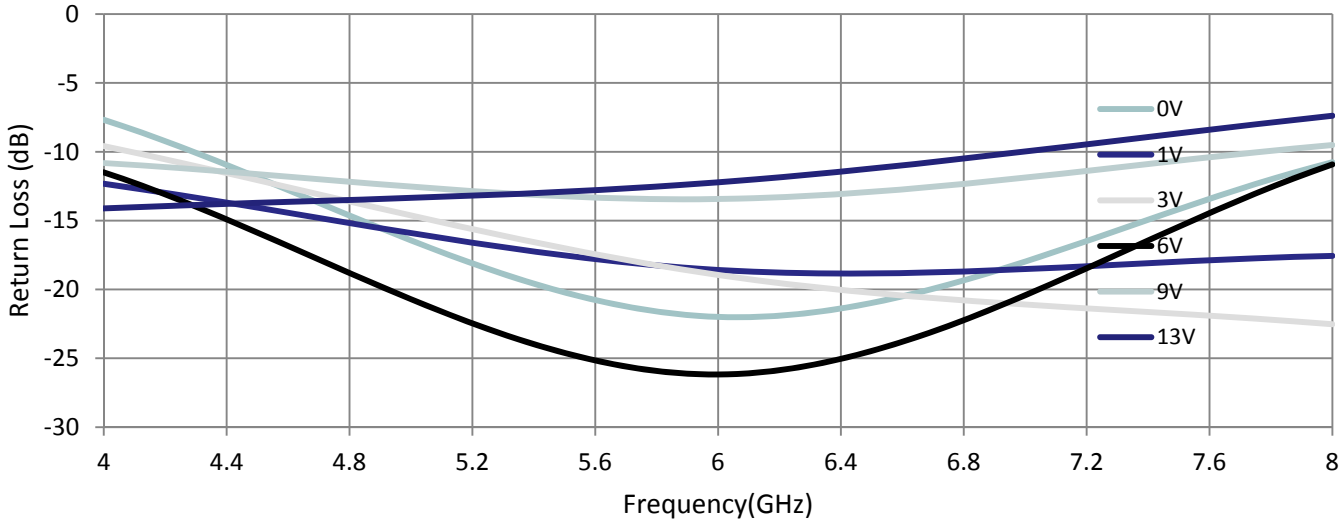


Phase Shift Vs. Frequency

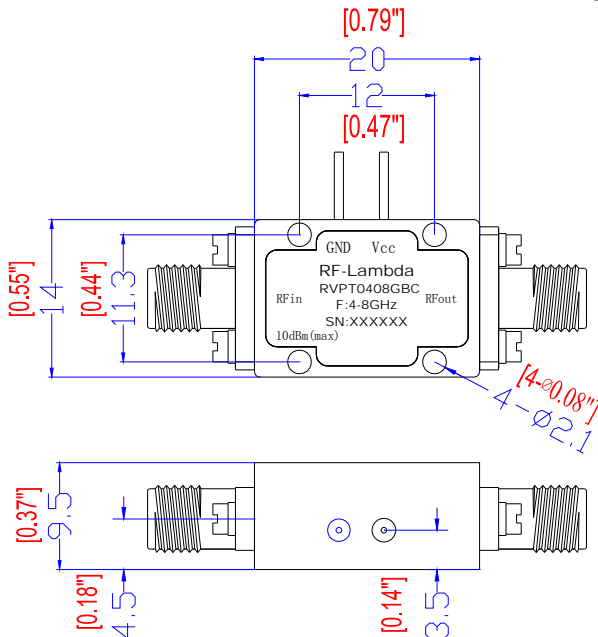
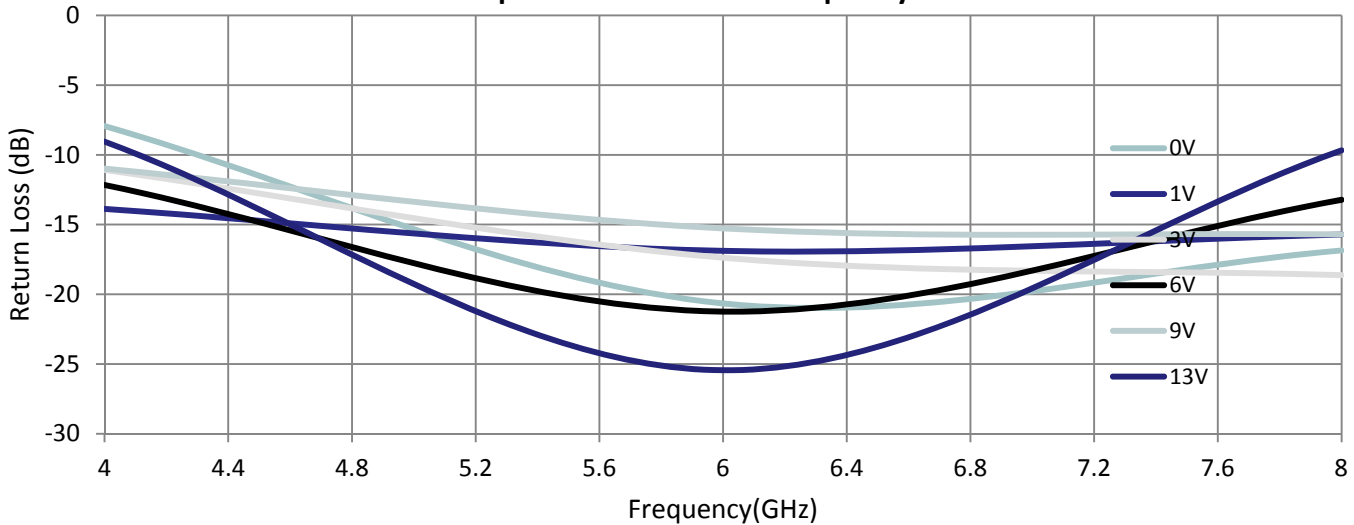




Input Return Loss Vs. Frequency



Output Return Loss Vs. Frequency



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