

### Typical Applications

- S-band Radar Systems
- IF Applications

### Main Features

- S-Band BPF
- Surface Mounted Technology
- RoHS Compliant

### Electrical Specifications

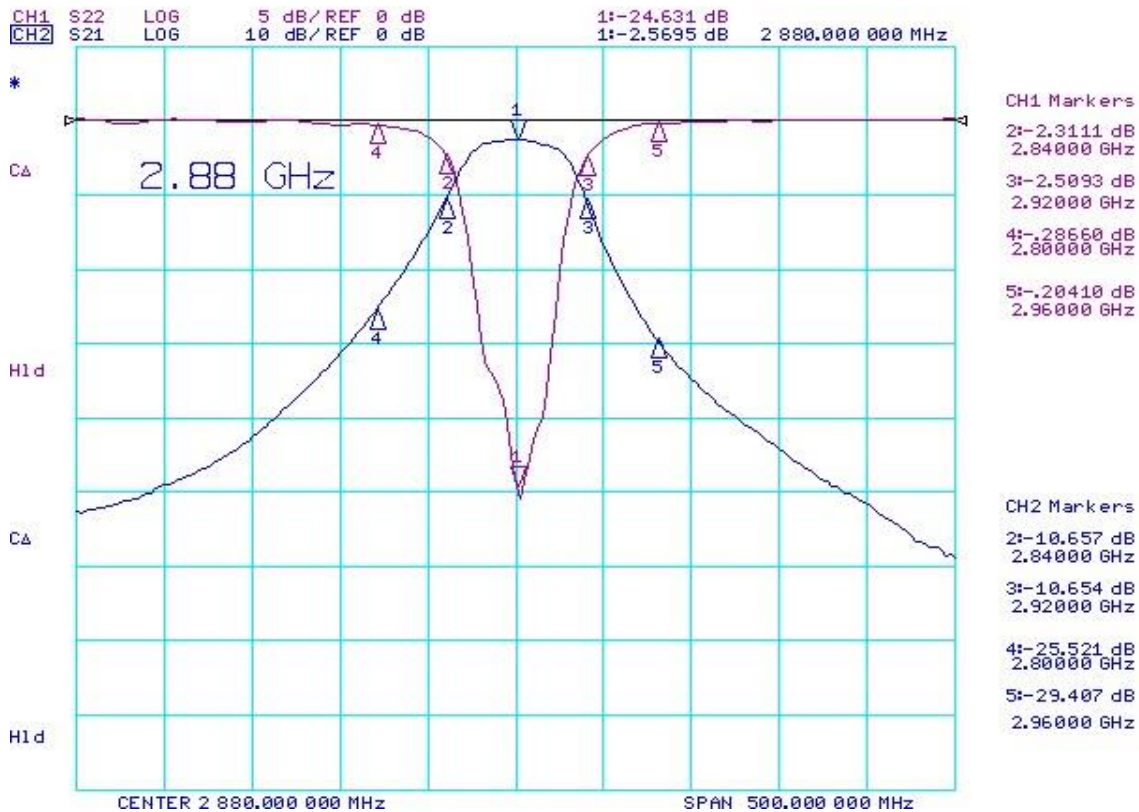
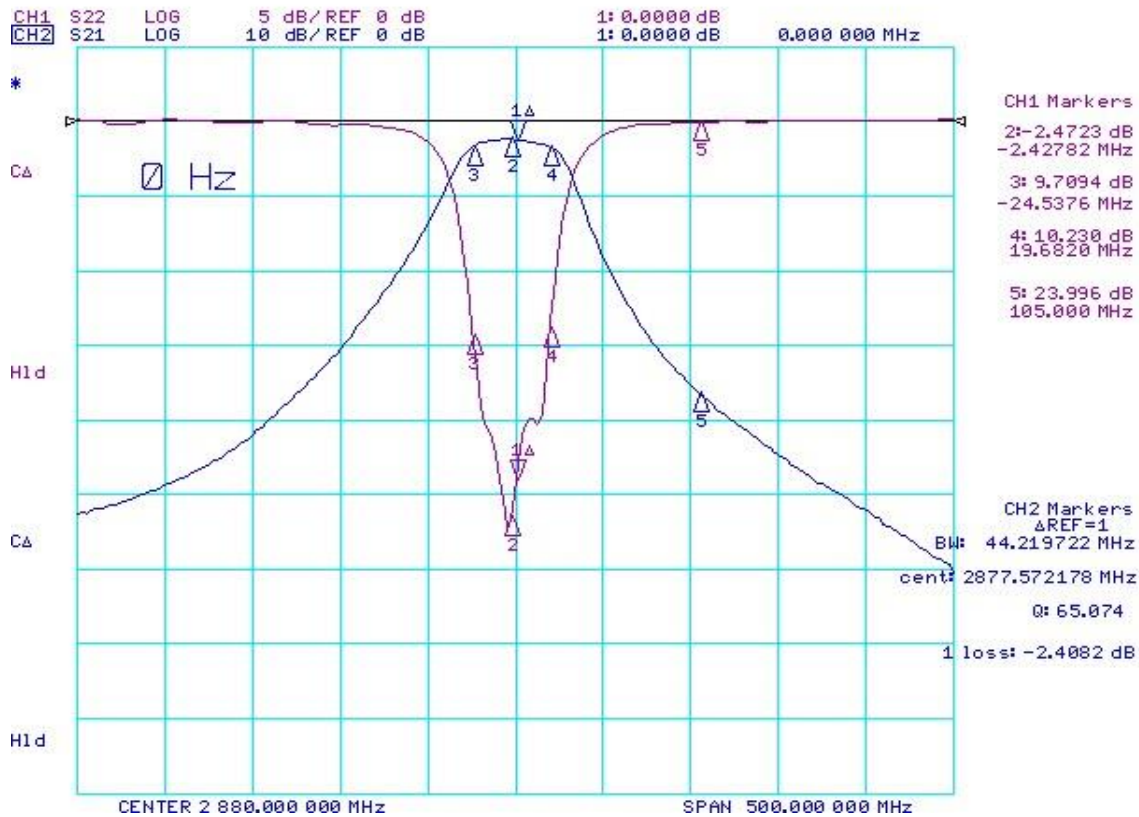
Parameter	Unit	Specification
Center Frequency (F0)	MHz	2880
Number of poles		3
1 dB Frequency Bandwidth	MHz	42 typ. (40 min / 48 max)
Insertion Loss @ F0	dB	4.0 max
Ripple in BW	dB	1.0 max
VSWR @ F0		1.5 : 1 typ.
Rejection	dB	5 min @ F0 ± 40 MHz 20 min @ F0 ± 80 MHz 35 min @ F0 +120 MHz 30 min @ F0 -120 MHz 40 min @ F0 ± 200 MHz
Spurious levels	dB	10 min at 5000 MHz – 8000 MHz
Input Power	dBm	20 max
In/Out Impedance	Ohm	50 typ.

### Environment

Parameter	Unit	Specification
Operating Temperature	°C	-40°C to +85°C
Storage Temperature	°C	-40°C to +85°C

Products and Product Information are Subject to Change Without Notice

Typical Performances



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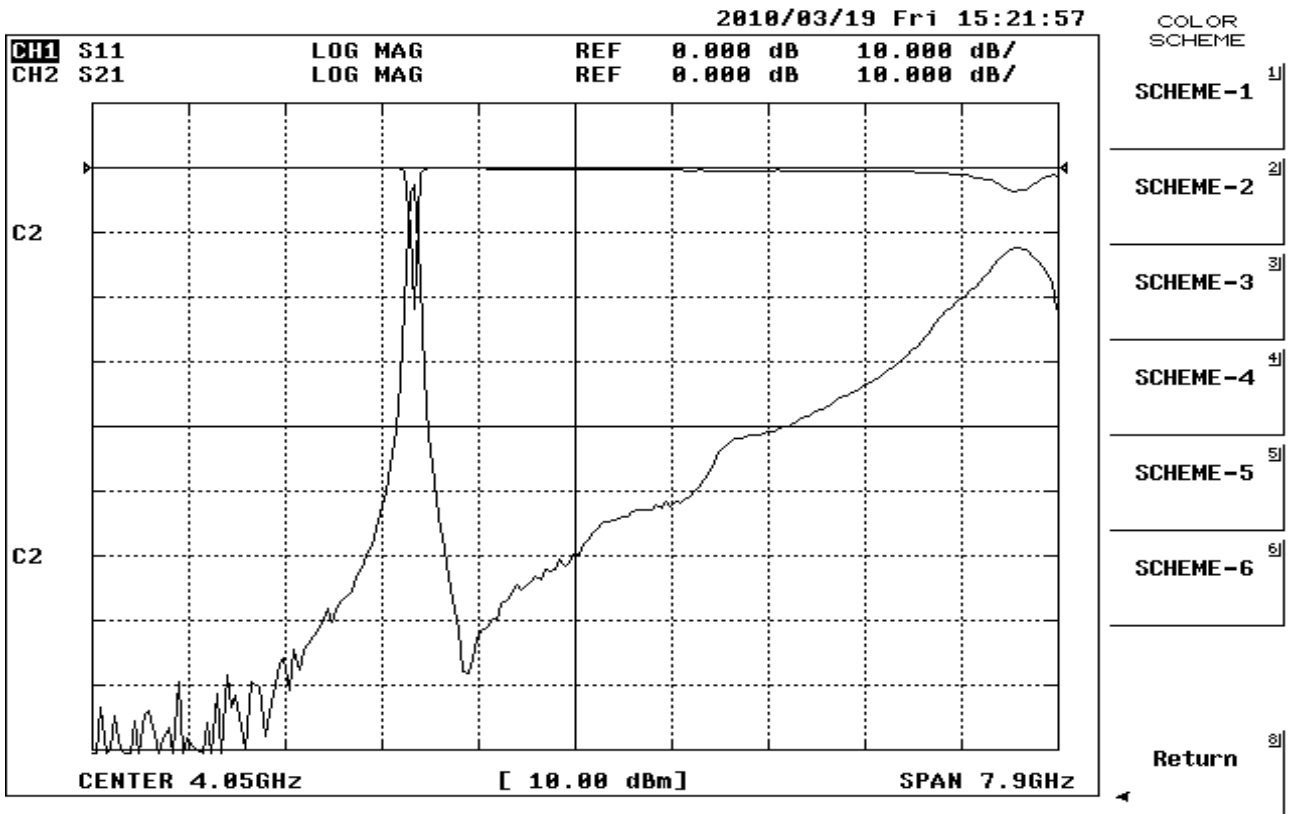
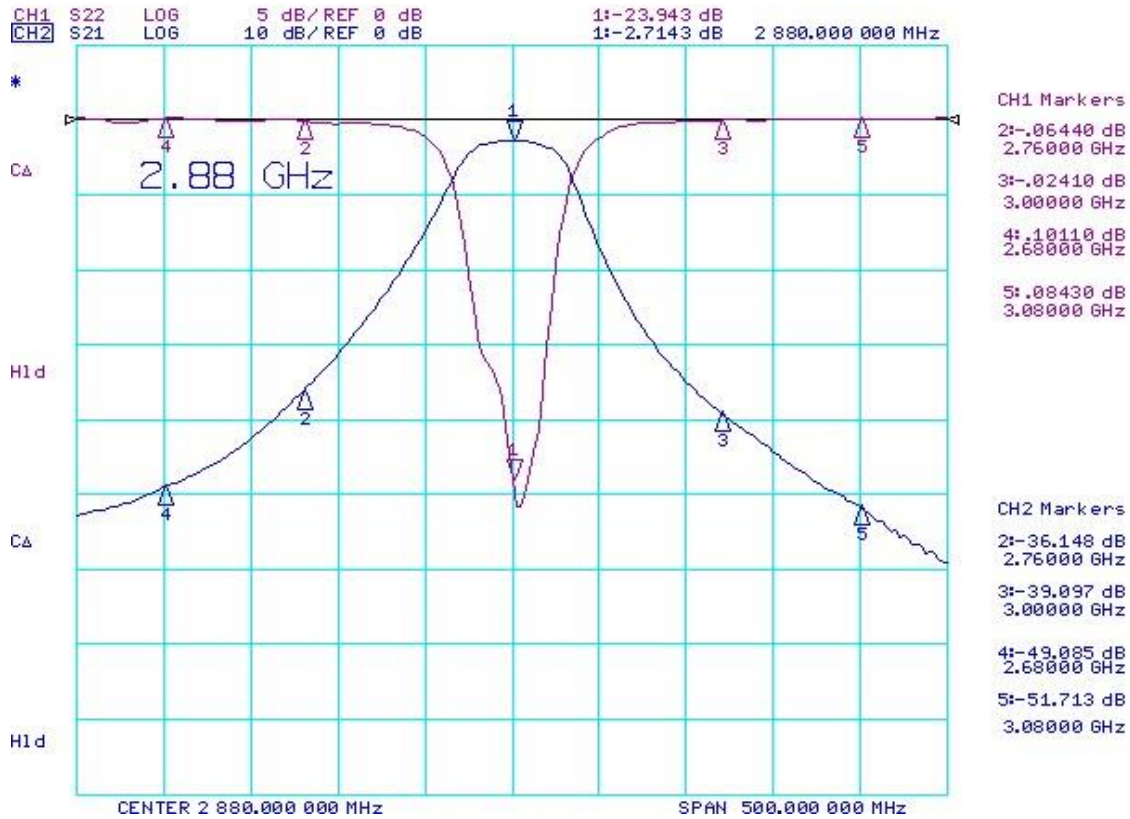
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### Typical Performances

### Dielectric Band Pass Filter



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