

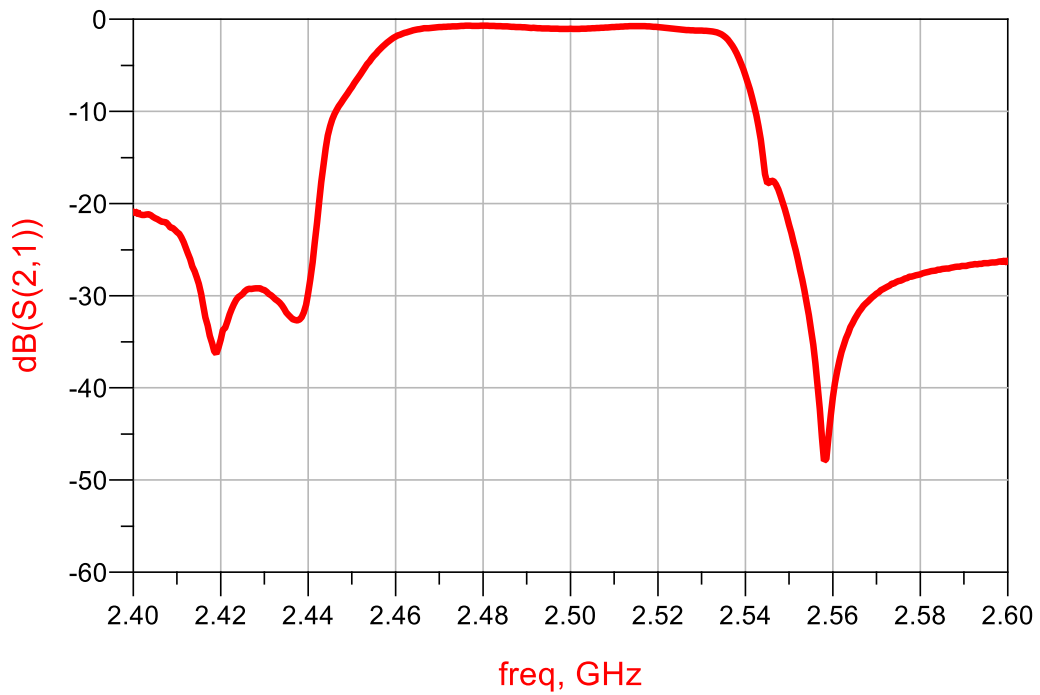
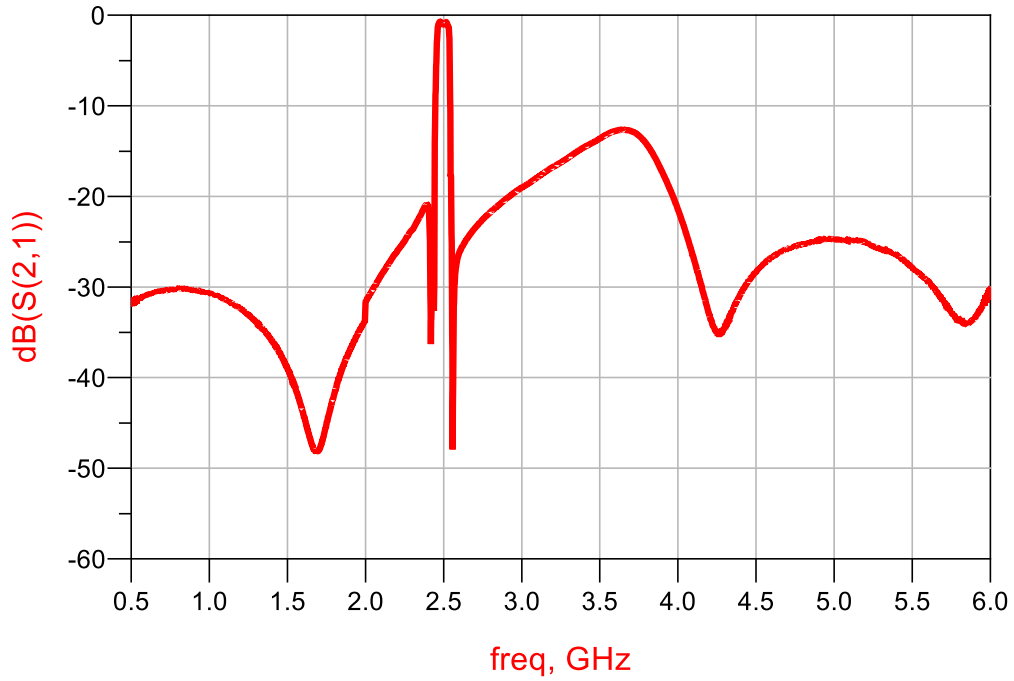
Features

- For 2492MHz BeiDou S Band application
- FBAR(Film Bulk Acoustic Resonator) technology
- Low Insertion Loss
 - ✓ 1.0dB (typical @2492MHz)
- CSP

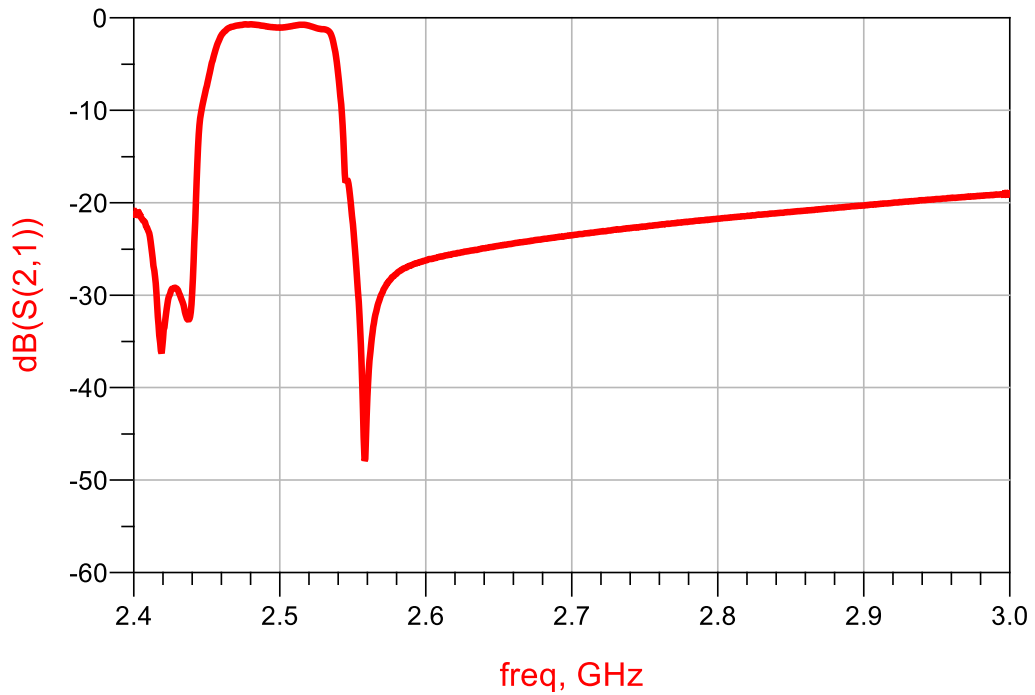
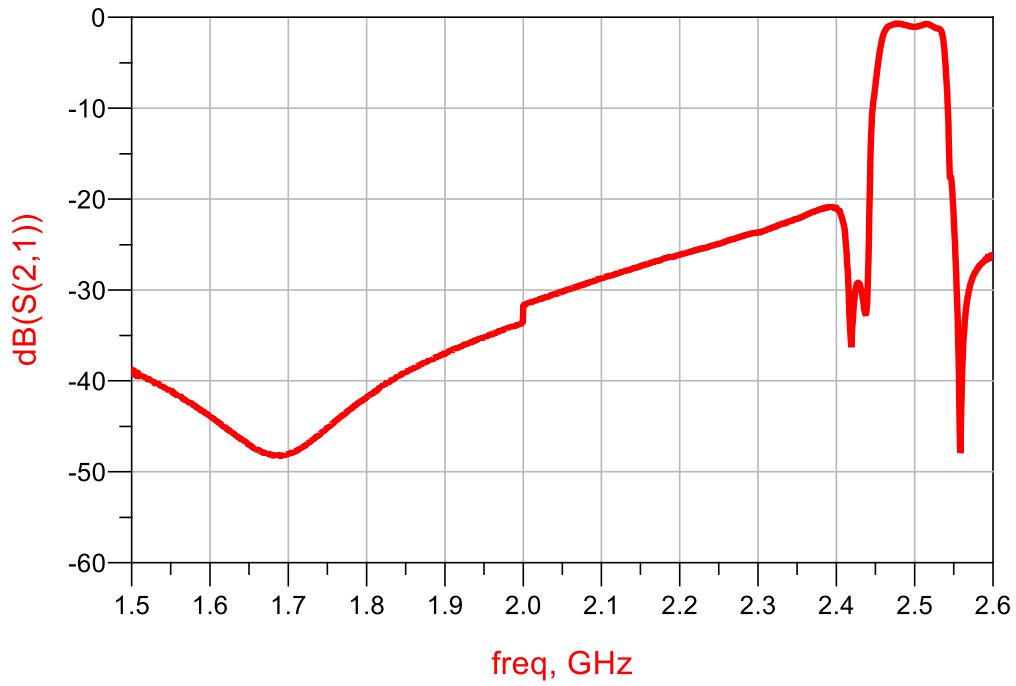
Electrical Specifications, $Z_0=50\Omega$, $T_{SPEC}=-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$

Parameter		Min. For T_{SPEC}	Typ. @+25°C	Max. For T_{SPEC}	Unit
Center Frequency		\	2492	\	MHz
Insertion Loss(2484 ~ 2500 MHz)		\	1.0	1.8	dB
Ripple(2484 ~ 2500 MHz)		\	0.3	0.9	dB
Return Loss(2484 ~ 2500 MHz)		10	13	\	dB
Group delay ripple(2484 ~ 2500 MHz)		\	\	18	ns
Attenuation	1980~2200MHz	20	30	\	dB
	2401~2435MHz	17	33	\	dB
	2555~2675MHz	18	33	\	dB

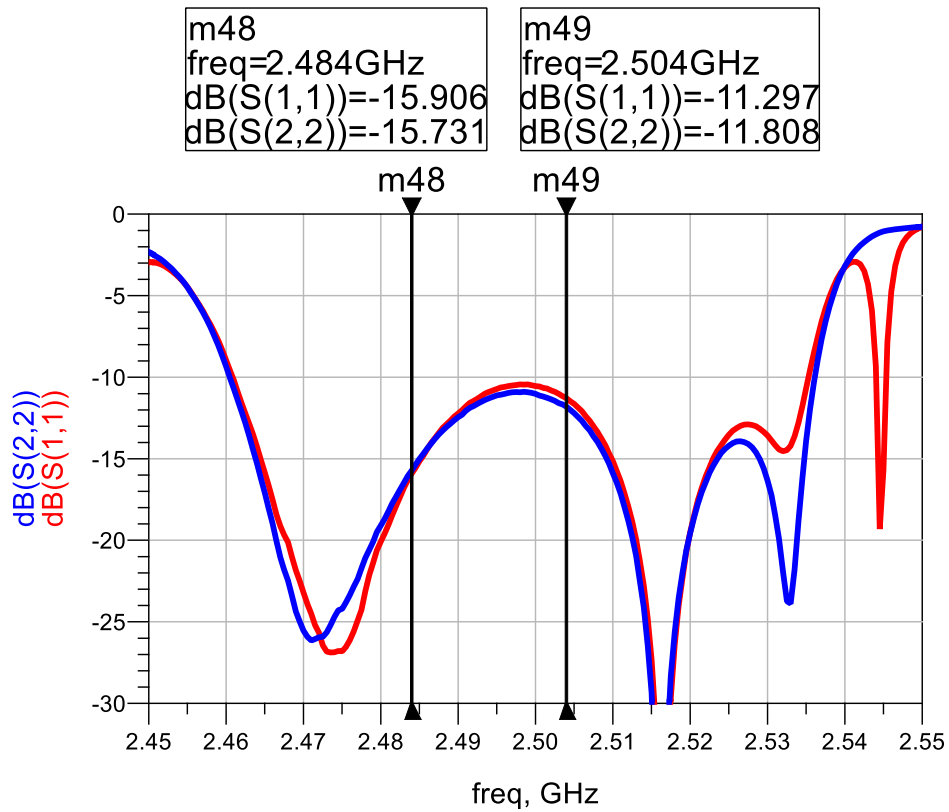
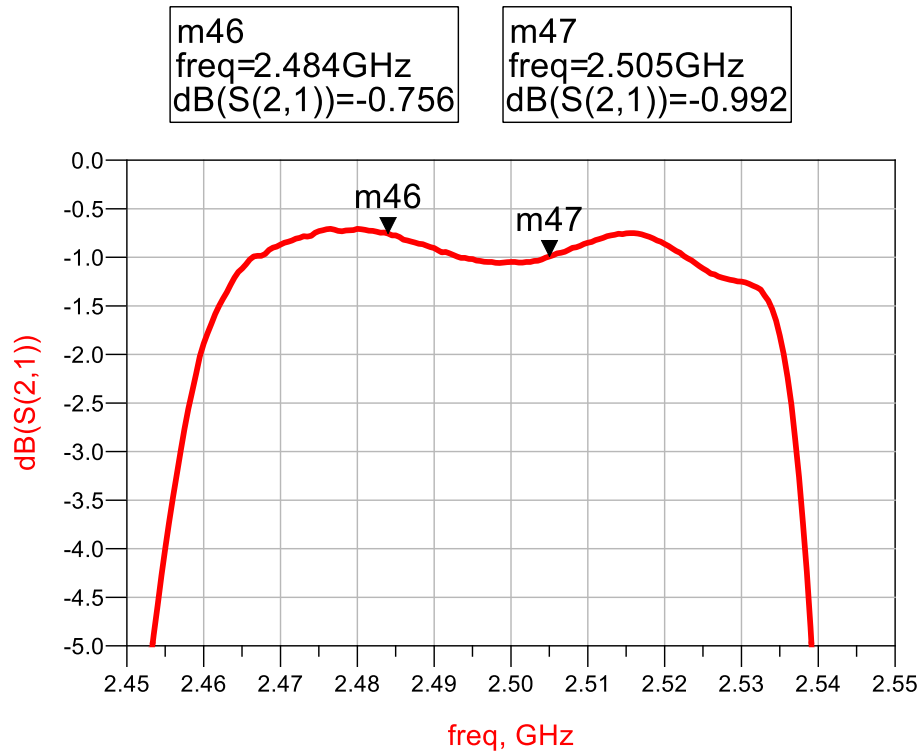
Typical Performance at Tc = 25°C



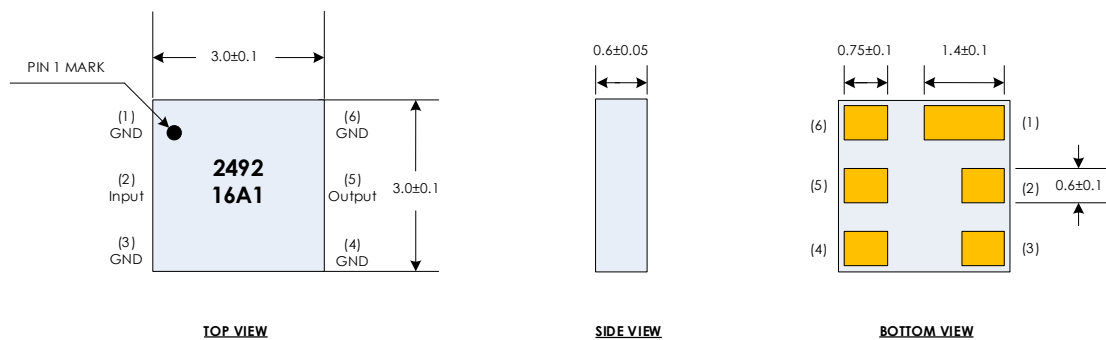
Typical Performance at Tc = 25°C



Typical Performance at Tc = 25°C



Chip Outline Drawing(Unit: μm)



Notes:

1. Dimensions in millimeters
2. Contact areas gold plated

- | | |
|---------|--------|
| 2 | Input |
| 5 | Output |
| 1,3,4,6 | GND |

Revision History

Revision	Date	Description
A	2024-05-20	Initial document