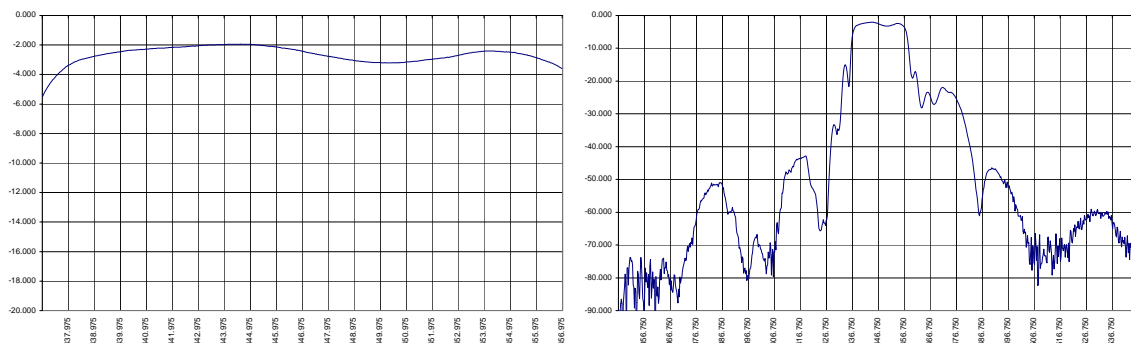


Low Loss SAW 447 MHz Filter

Bandwidth 18 MHz

AEC Part Number AE5585H-447

Typical performance



Specifications

| Parameter | Unit | Min | Typ | Max |
|-------------------------------------|------|--------|--------------------------|--------|
| Central frequency | MHz | 446.50 | 447.00 | 448.00 |
| Inserted loss | dB | 1.8 | 2.0 | 2.2 |
| Bandwidth @-2dB | MHz | 18.00 | 19.00 | 20.00 |
| Bandwidth @-30dB | MHz | - | 48.00 | - |
| Bandwidth @-40dB | MHz | - | 54.00 | - |
| Amplitude ripple | dB | 0.9 | 1.5 | 1.9 |
| Ultimate rejection @10Mhz...1000MHz | dB | 50.0 | 55.0 | 70.0 |
| Substrate | | - | 64 YX LiNbO ₃ | - |
| Temperature range | °C | -55.0 | | 85.0 |

Notes:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

Case

Matching

