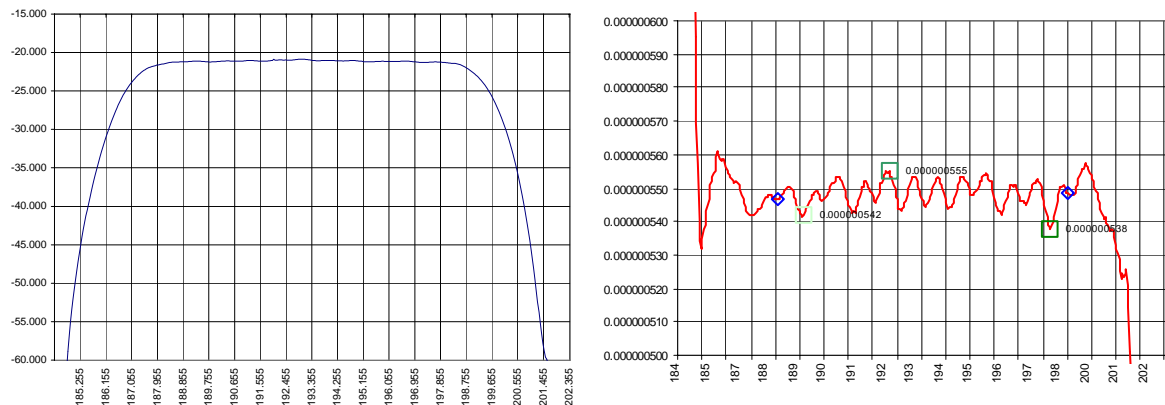


IF GPS SAW 193.4 MHz Filter Bandwidth 11 MHz

AEC Part Number AE4586CH-193.4

PRELIMINARY DATA

Typical performance



Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	193.25	193.40	193.65
Inserted loss (matched)	dB	20.6	20.9	21.1
Bandwidth @-1.0dB	MHz	10.90	11.00	11.20
Bandwidth @-2dB	MHz	11.60	11.80	11.90
Bandwidth @-30dB	MHz	16.1	16.16	16.3
Amplitude ripple	dB	-	0.3	1.0
Group delay ripple	nsec	12.0	16.0	17.0
Ultimate rejection	dB	-	50.0	-
Substrate		-	112 XY LiTaO3	-
Temperature range	$^{\circ}\text{C}$	-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

