

# MODEL FFC2IELF

- BAND-PASS FILTER
- IMPEDANCE 50 Ohm
- FM BAND 87.5 ÷ 108 MHz
- BAND II
- SPECIAL VERSION WITH SPECIAL DOUBLE CROSS COUPLING

This quadruple cavity filter is used to set up starpoint combiners with very low spacing between channels.

The pass band filters was designed as an extension of our band pass combiner technology. Using our industry-leading square, cavity filter design, the filter provides a one-time-buy filtering solution for the broadcaster located at multiple-user site. The filter isolates the transmission system to eliminate spurious emissions.



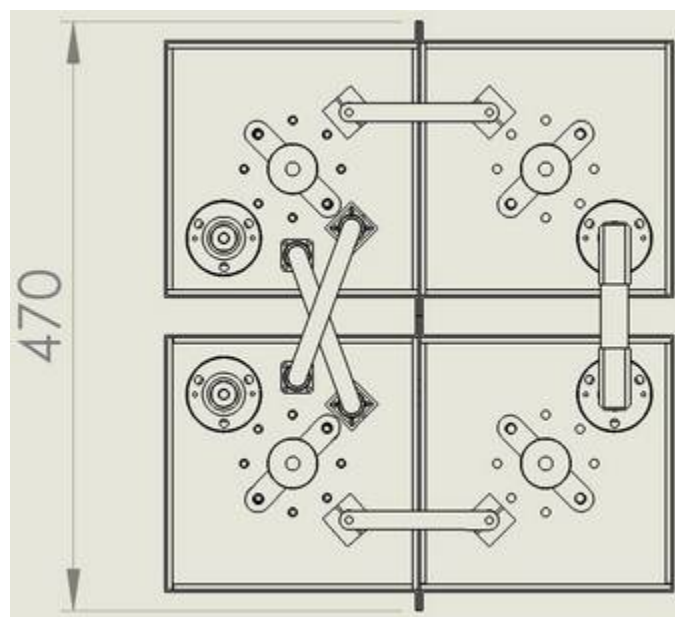
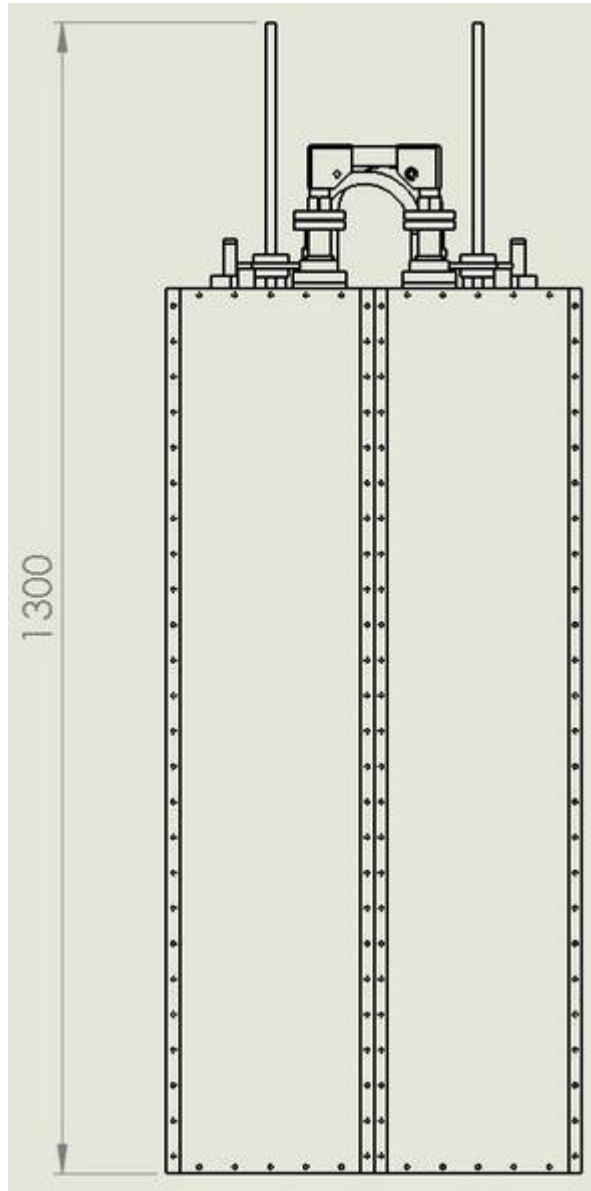
## TYPICAL SPECIFICATIONS

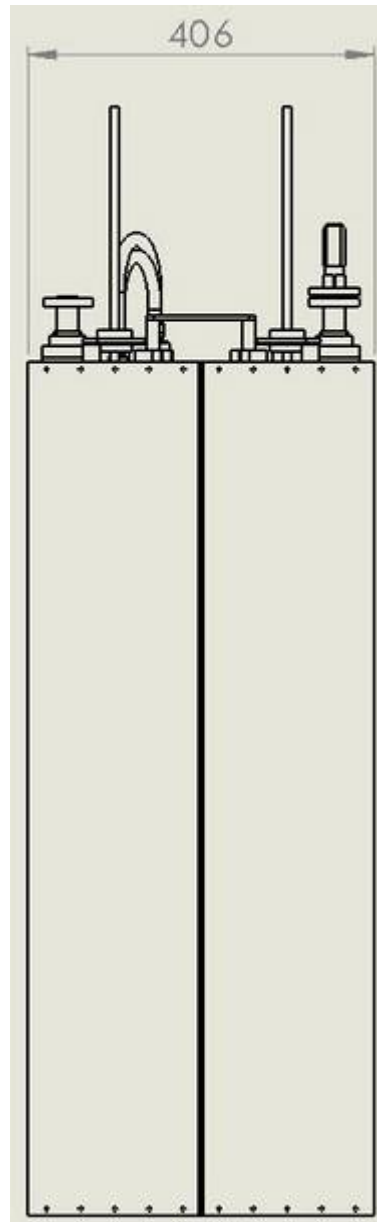
<b>Models</b>	FFC2IELF
<b>Impedance</b>	50 ohm
<b>Frequency Range</b>	87.5-108 MHz
<b>VSWR ± 150 KHz</b>	1.1:1 Max
<b>Insertion Loss</b>	at $f_0$ 0.6 - 1.5 dB Max
<b>Return Loss ± 200 KHz</b>	≤ -26dB
<b>Rejection</b>	per customer's requirements (Typical ± 350 kHz it's even to -30dB approx.)
<b>Connectors</b>	N - 7/16" - 7/8" on customer request
<b>Max Power</b>	1KW with 7/16" - 7/8" connectors 800 W with N connector
<b>Working Temperature</b>	-20°C ÷ +50°C
<b>Colour</b>	Enamel Gray Ral 7001
<b>Materials</b>	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min 12µm thickness)

## Features:

- Distortion – Free Transmission
- Very low spacing between channels if used in starpoint combiners
- Low loss, high isolation
- Natural convection

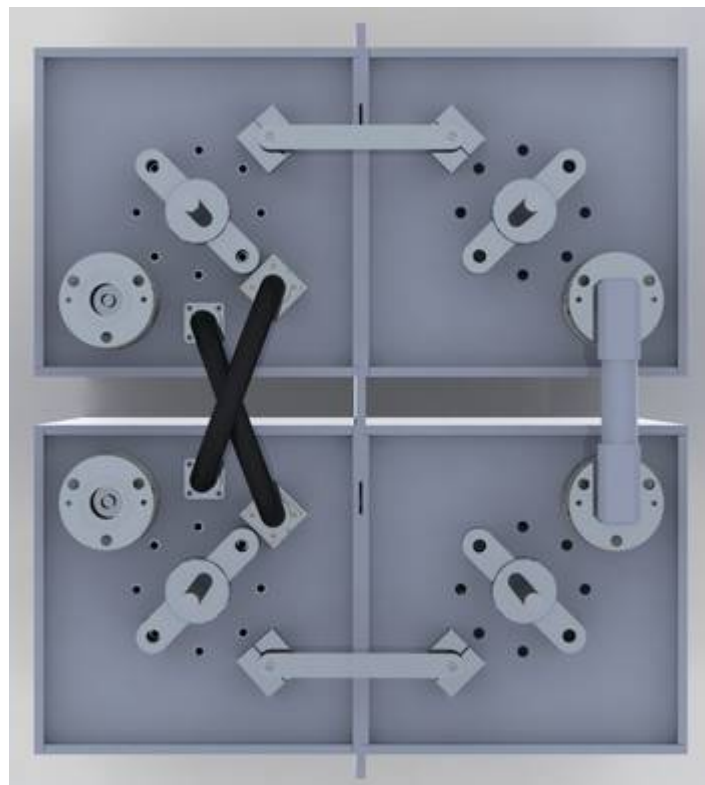
DIMENSIONS (mm)

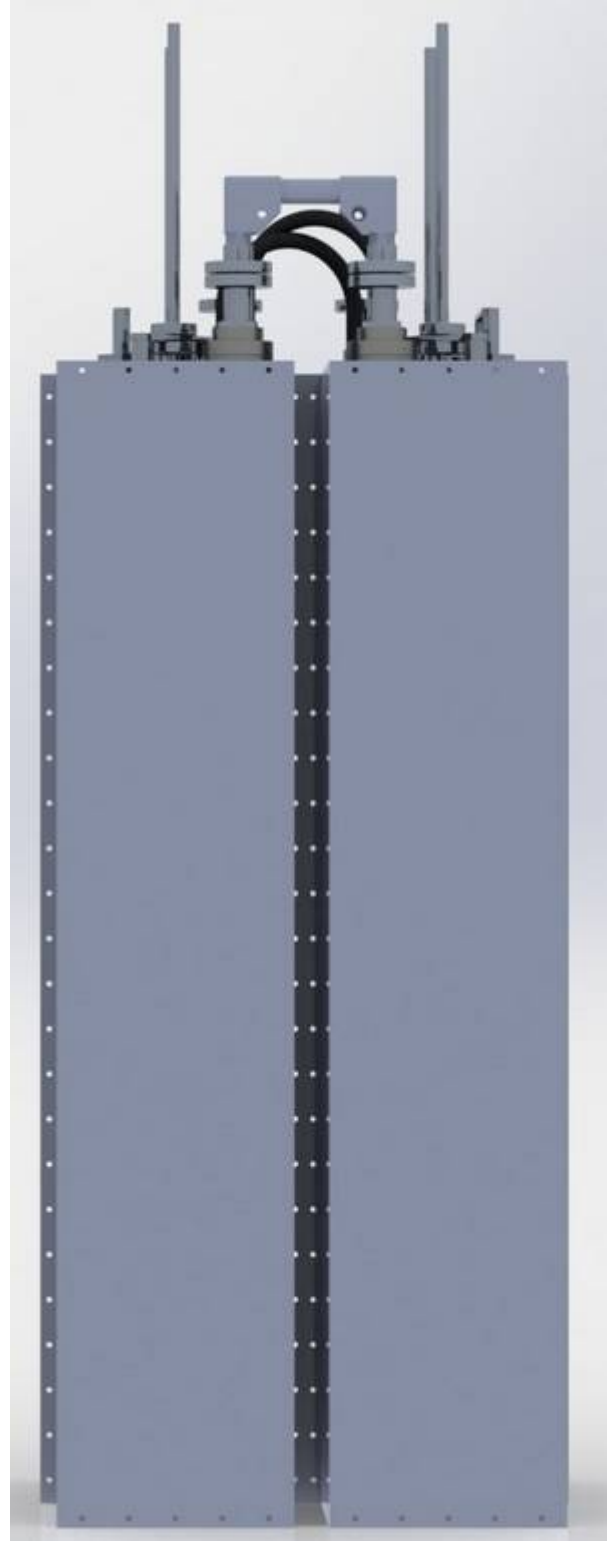
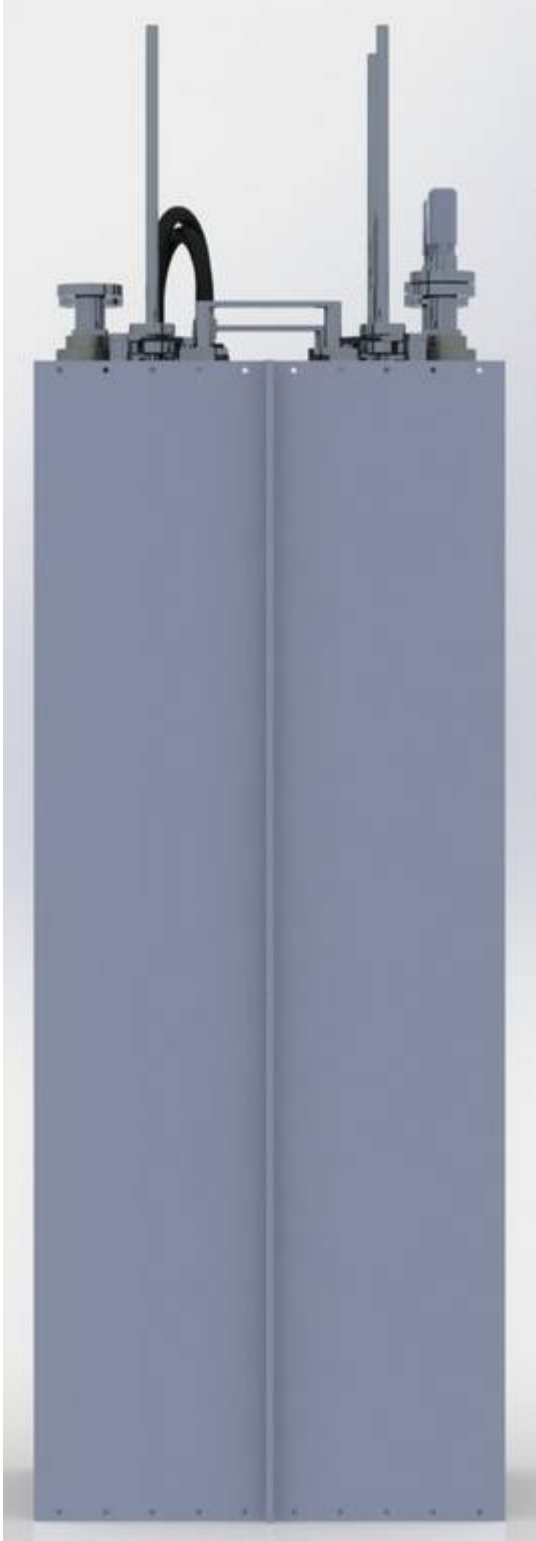


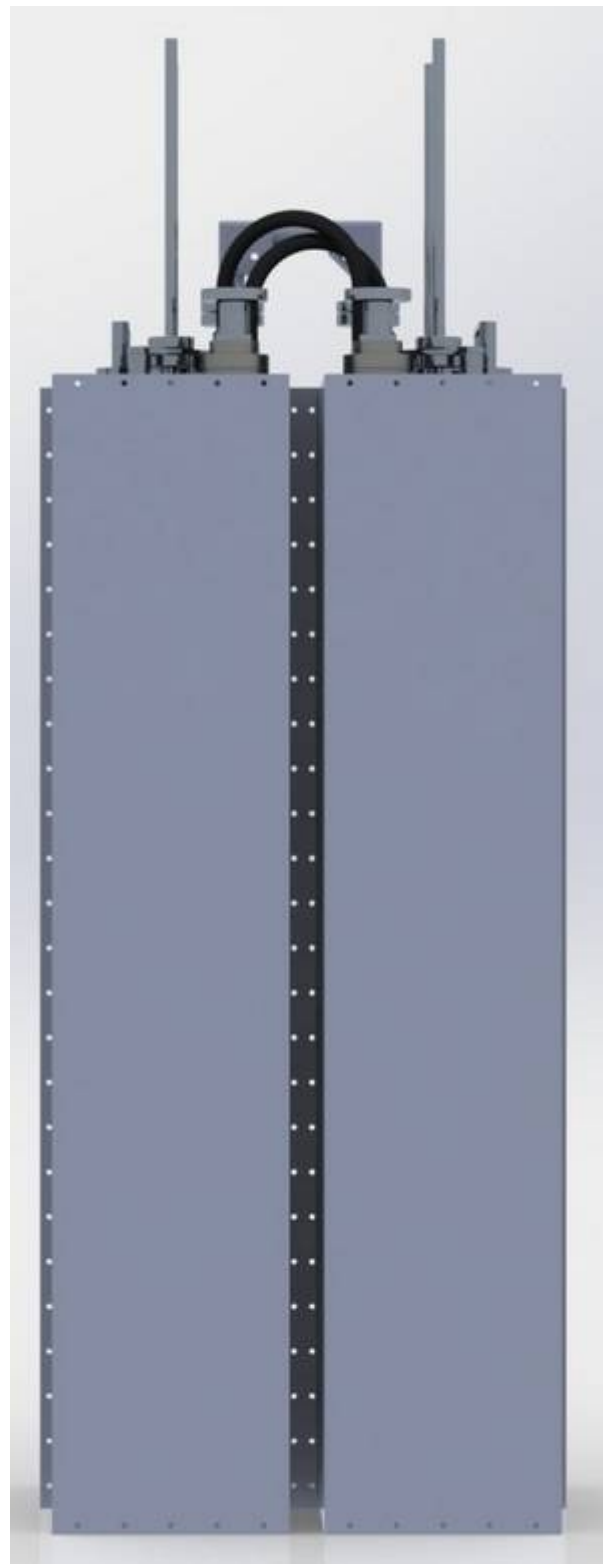
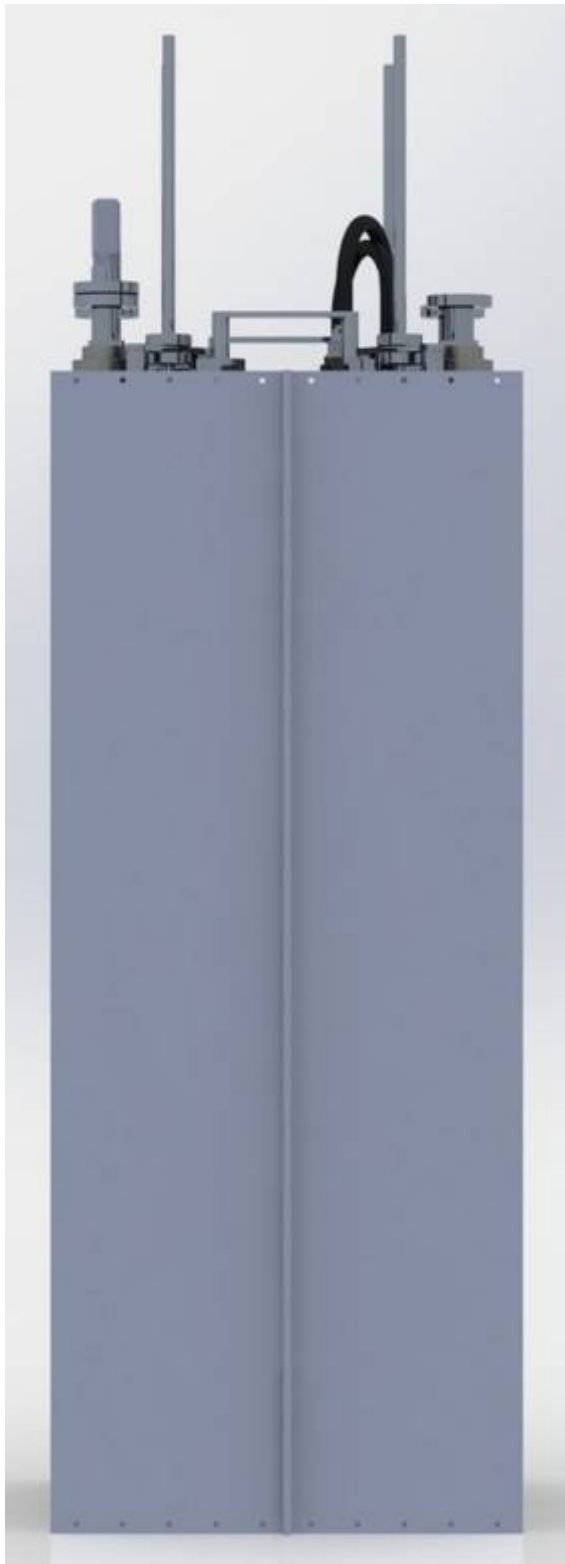


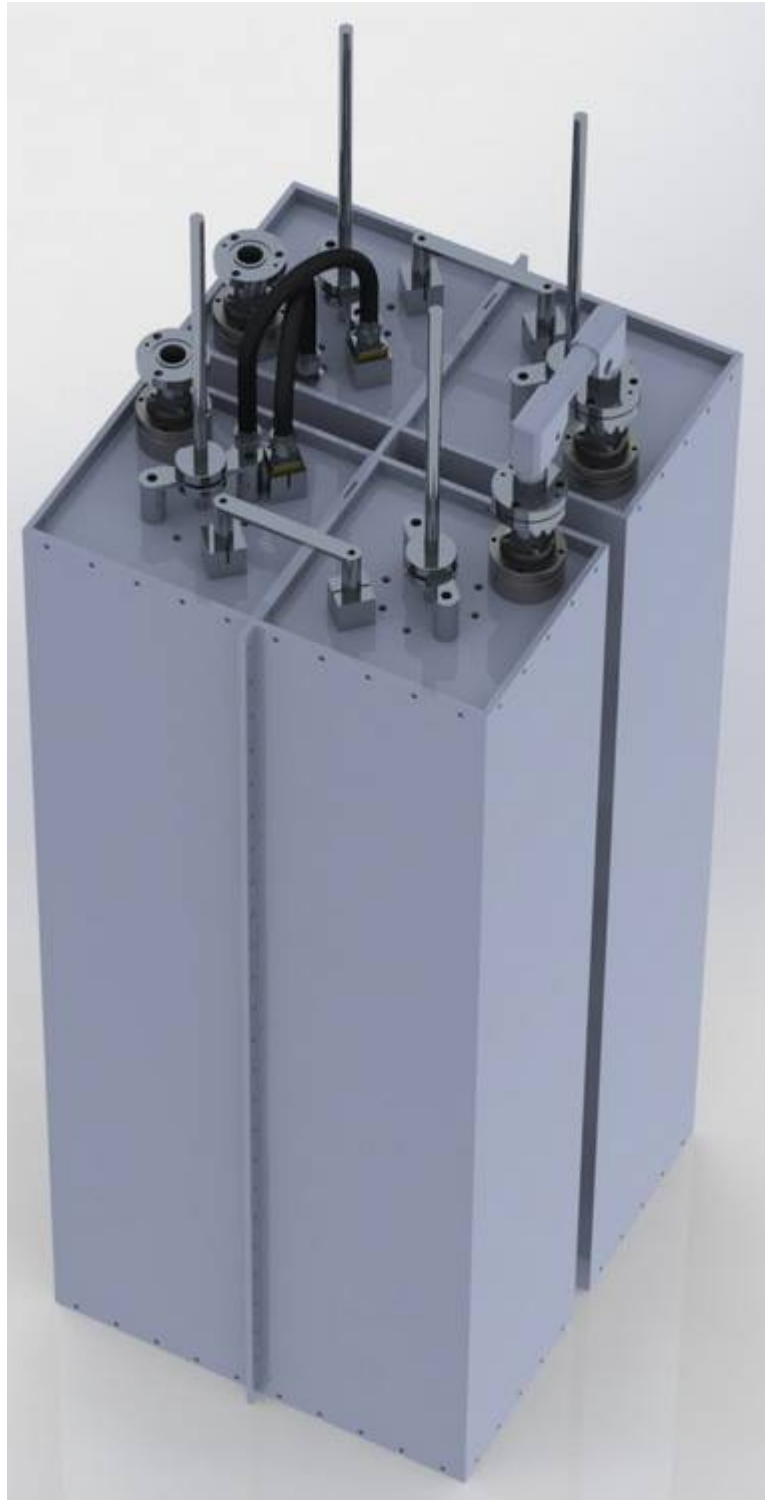
<b>Dimensions</b>	1300 (Max size)×470×406 mm (51.1(Max size)×18.5×15.9inch) (H×L×W)
<b>Net Weight</b>	≅ 50 Kg approx.

IEWS OF THE SYSTEM

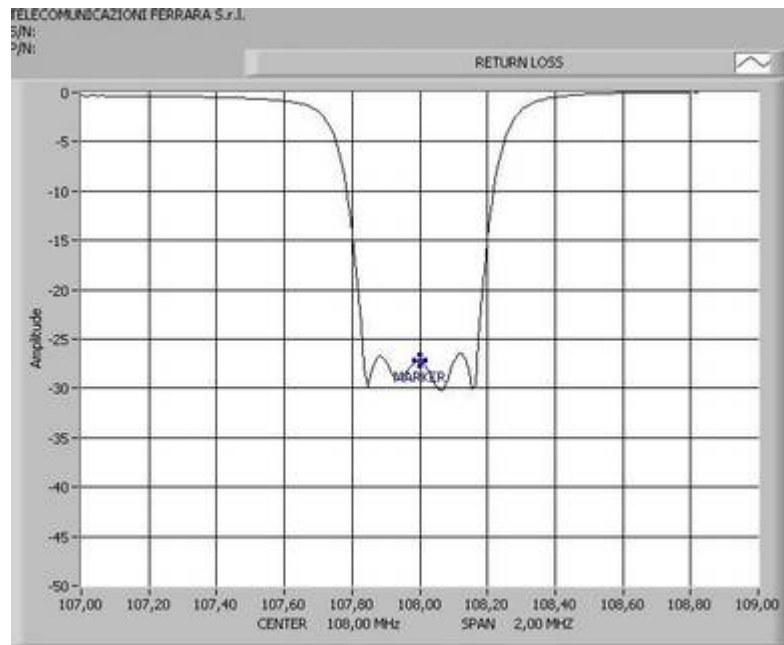
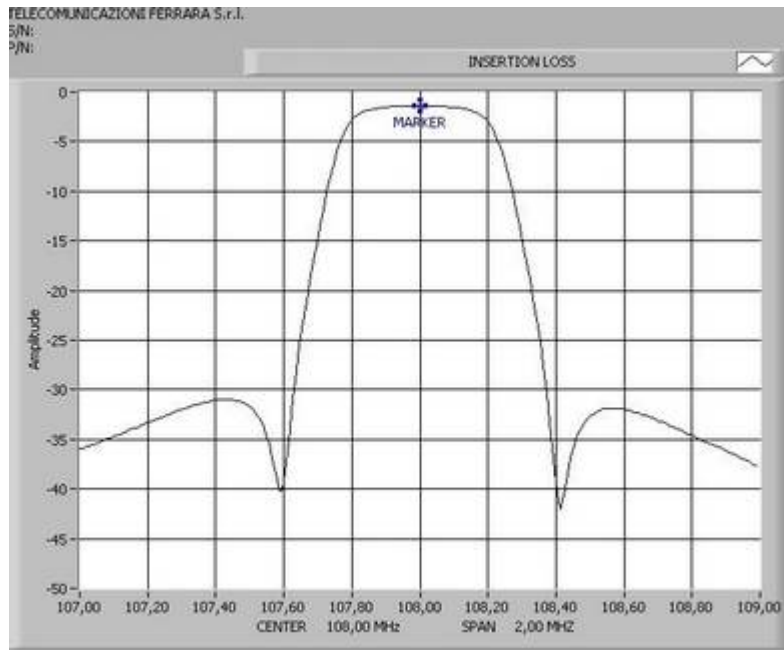








## FINAL TEST



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