



For Outdoor

Part Number: AE2245B12341-O



Center Frequency: 2245 MHz
Passband: 2200 – 2290 MHz
Insertion Loss: 0.7 dB Max @ 2200 MHz
Insertion Loss: 1.8 dB Max @ 2290 MHz
Return Loss: 15 dB Min
Rejection: 35 dB Min @ 2180 MHz
Rejection: 50 dB Min @ 2300 MHz
Impedance: 50 Ohms In/Out
Phase Matching: $\pm 5^\circ$ for set of 4 units
Power Handling: 30 W CW Max

Mounting Method: Threaded Holes
Connector Type: SMA (F)
Dimensions: 5.26 x 4.10 x 1.30 in
133.5 x 104 x 33 mm

Operating Temperature: -40°C to +70°C
Storage Temperature: -55°C to +85°C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 2000 Hz
Humidity: 95%RH at 40°C
Altitude: 30,000 ft.
IP Rating: IP65

Technical drawing of the front view of the enclosure. The drawing shows a rectangular panel with a central door. The door is hinged on the left side. The dimensions are as follows:

- Overall width: 133.5 [5.26]
- Distance from left edge to hinge: 123.5 [4.87]
- Overall height: 104 [4.10]
- Distance from top edge to hinge: 94 [3.70]
- Door width: 33 [1.30]

The door is labeled "4* 6-32UNC DP 8mm". The drawing also shows a hinge on the left side and a latch on the right side.



DS-B12341-O-06242025-Rev0



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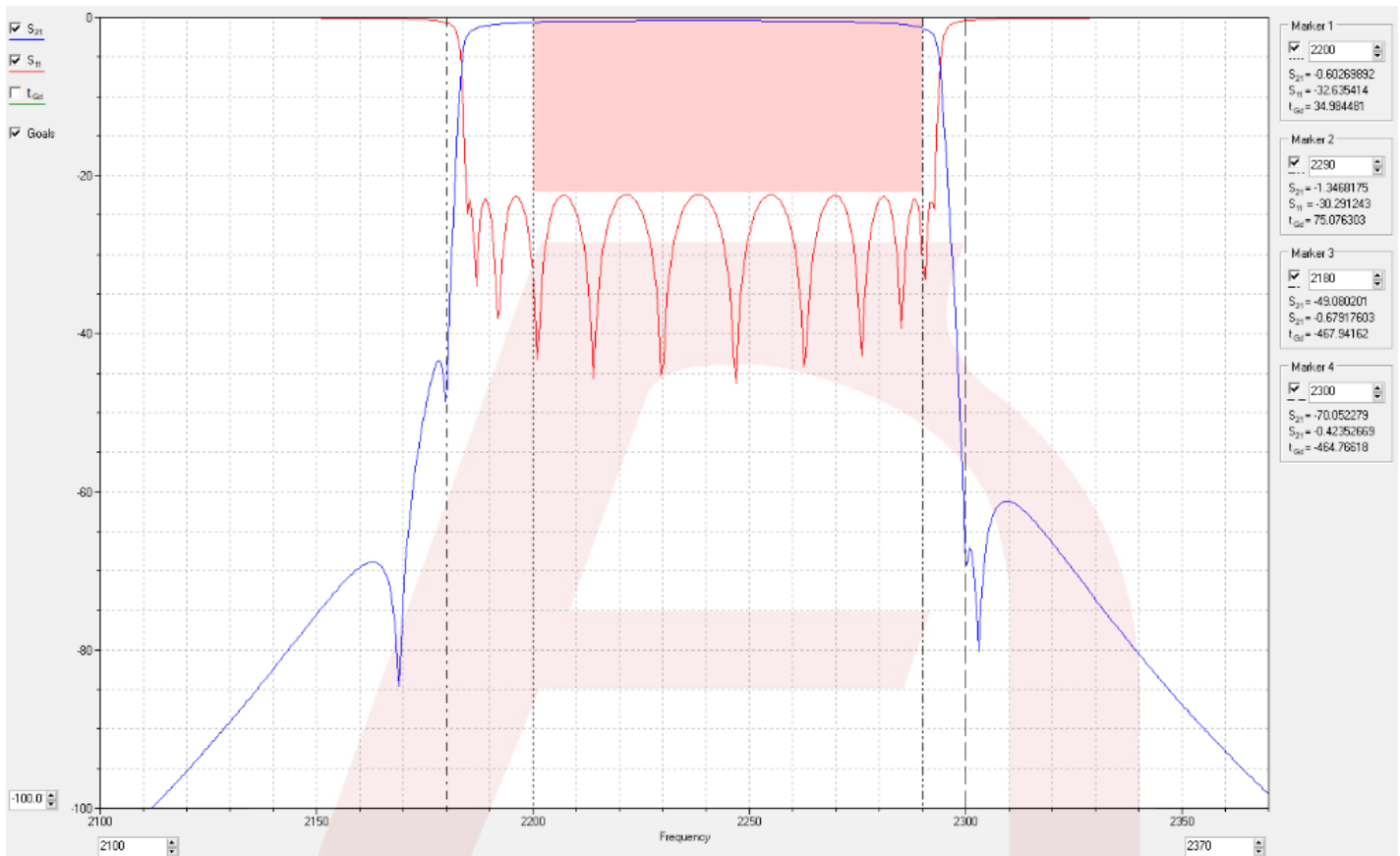
2245 MHz Cavity Bandpass Filter

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Simulation Plot:



Note: This is a simulation plot. Actual results may differ once the product is implemented.



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