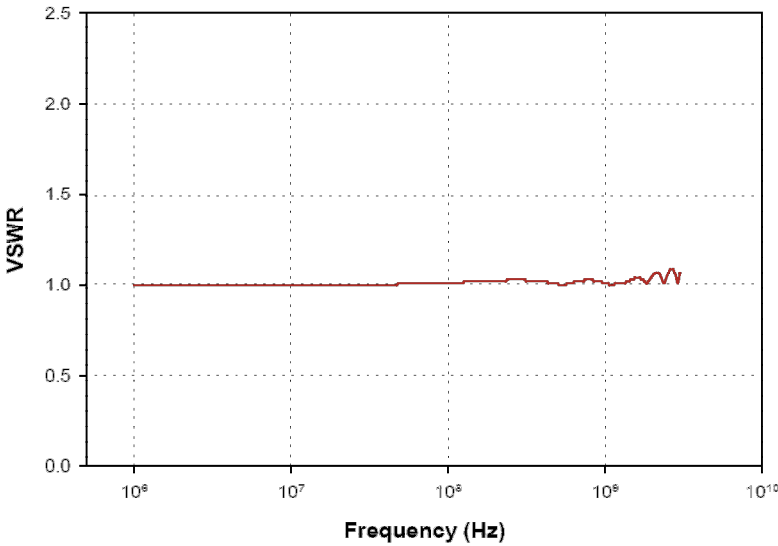
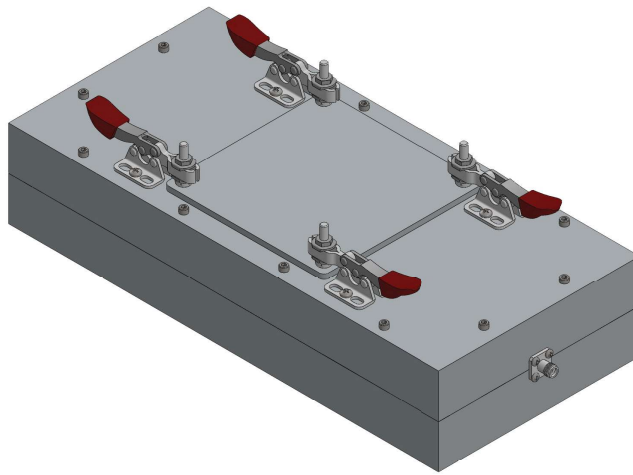


3 GHz TEM CELL

The FCC-TEM-JM7D extends the operating frequency range beyond that of existing devices to now permit conducting emissions and immunity testing of Integrated Circuits to 3 GHz. The IC is mounted on a test fixture that bolts in place. Once installed, measurements as per IEC 61967-2 and -8, SAE 1752-3, and IEC 62132-8 can be performed to 3 GHz. It is configured to accommodate the standard 100mm x 100mm test plate specified in IEC 61967-2.

The FCC-TEM-JM7D can be used for immunity testing and requires less than 1 milli-watt input power to achieve a 10 volt per meter electric field and approximately 8 watts to achieve 1000 volt per meter electric field.



Specifications

Frequency:	10 kHz – 3 GHz (usable down to DC)
VSWR (typical):	< 1.2: 1
Insertion Loss (typical):	< 0.2 dB
Maximum DUT	
Dimensions:	
Length:	50 mm
Width:	50 mm
Height:	8 mm
TEM Cell Impedance:	50Ω+3%nominal (Based on TDR measurements)
Input Power Rating:	250 Watts
Outer Case Dimension	
Length:	274 mm
Width:	127 mm
Height:	61 mm

