

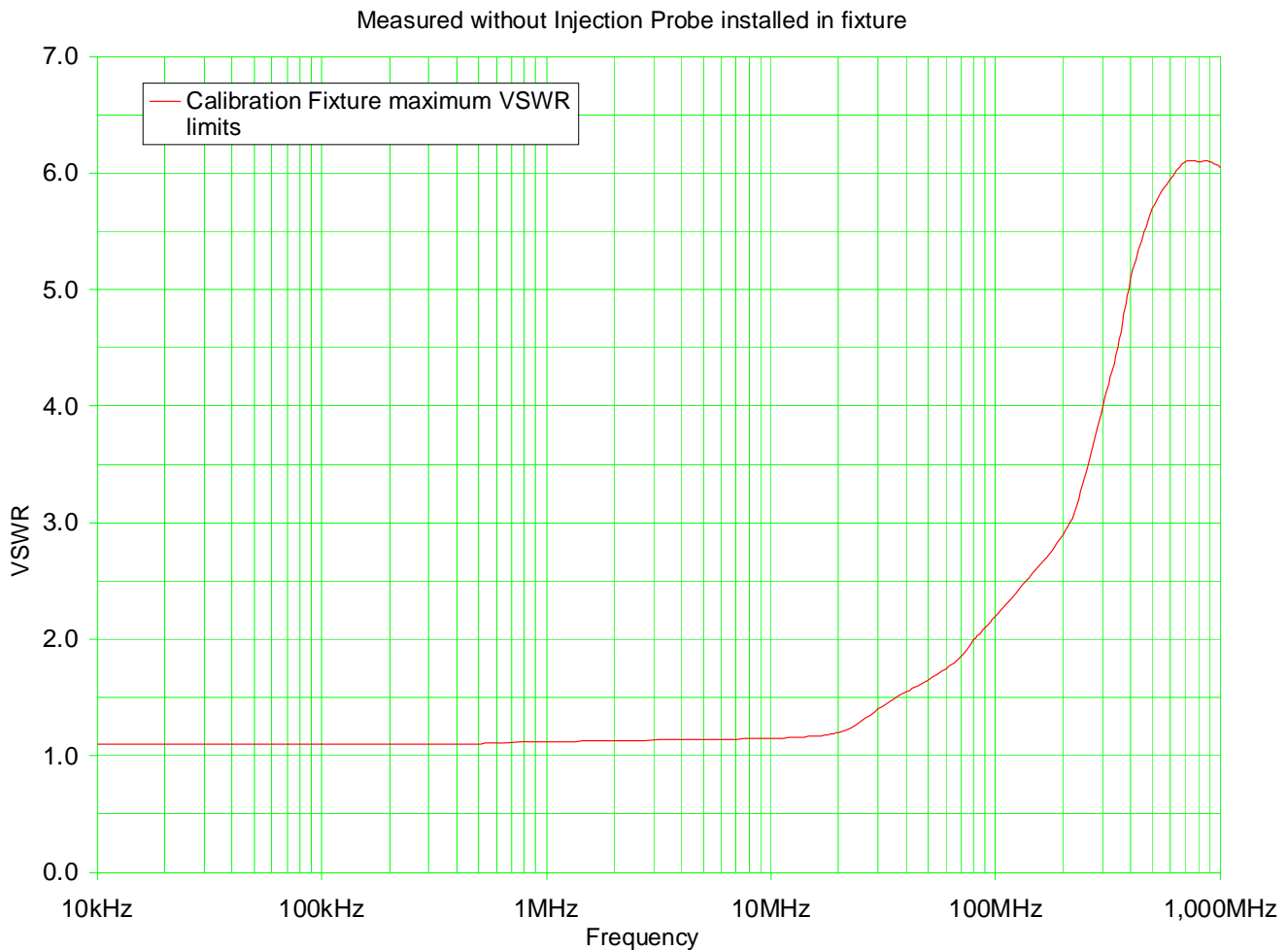
Calibration Fixture



Injection Probe calibration fixtures are a part of the test equipment required by most of the Bulk Current Injection Test Procedure Specifications. This test fixture allows the user to quickly and easily calibrate the injection probe prior to performing the compliance testing.

This calibration fixture offers two important benefits.

1. Due to variable circuit impedances or resonances in cables and cable looms, the calibration fixture is used to establish the forward power into the injection probe needed to develop the specified currents in the system under test.
2. The fixture can be used to measure the injection probes insertion loss.



Calibration Fixture Maximum VSWR limits

Freq	Max. VSWR
1.00E+04	1.10
1.00E+05	1.10
2.00E+05	1.10
3.00E+05	1.10
4.00E+05	1.10
1.00E+06	1.12
1.00E+07	1.15
2.00E+07	1.20
3.00E+07	1.40
4.00E+07	1.55
5.00E+07	1.65
6.00E+07	1.75
7.00E+07	1.85
8.00E+07	2.00
9.00E+07	2.10
1.00E+08	2.20
2.00E+08	2.90
2.50E+08	3.40
3.00E+08	4.00
3.50E+08	4.50
4.00E+08	5.10
5.00E+08	5.70
6.00E+08	5.95
7.00E+08	6.10
8.00E+08	6.10
9.00E+08	6.10
1.00E+09	6.05

[FCC-BCICF-2 Specifications](#)

Frequency: 10 kHz – 1 GHz

Injection Probe Model Numbers: F-140, F-140A



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