

Test Run: Compliance with FCC Part 15.205 in response to FCC inquiry dated 04-15-2013, item 7.
[Response to Inquiry to FCC (Tracking Number 787344) (TCB)]

Test Procedure: Measure the level of the fundamental emission at the band edge relative to the peak in-band emission level.


Description: The EUT was set to charging mode. The load was varied in position from center to off-center at the point just before the charging signal is lost. The load was also varied from full load to minimum load.

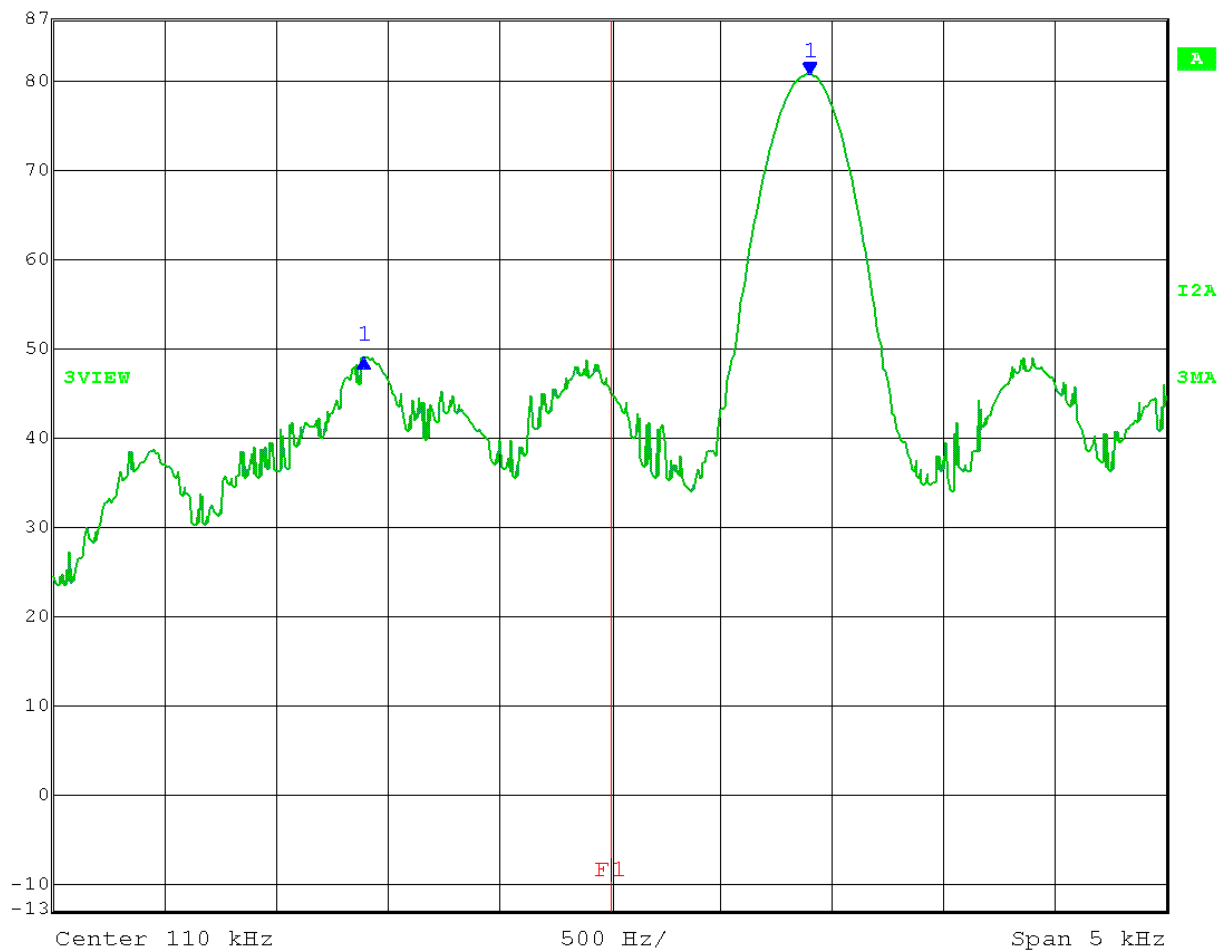
Limit: The fundamental emission is under the 15.209 restricted band limit. Therefore, the purpose of this test is to show that the fundamental does not drift into (does not operate in) the 90 kHz to 110 kHz restricted band under a variety of load conditions.

Results: Passed. The fundamental is shown not to drift off it's set frequency. The level of the emission at the restricted band edge remains greater than 20 db below the peak level of the emission regardless of the load conditions.

Test Date: 04-16-2013
Company: Leggett & Platt Canada Co.
EUT: Helios
Test: Relative measurement at Restricted Band Edge
Operator: Craig B

Off center full load: 31.69 dB down at 110 kHz restricted band edge

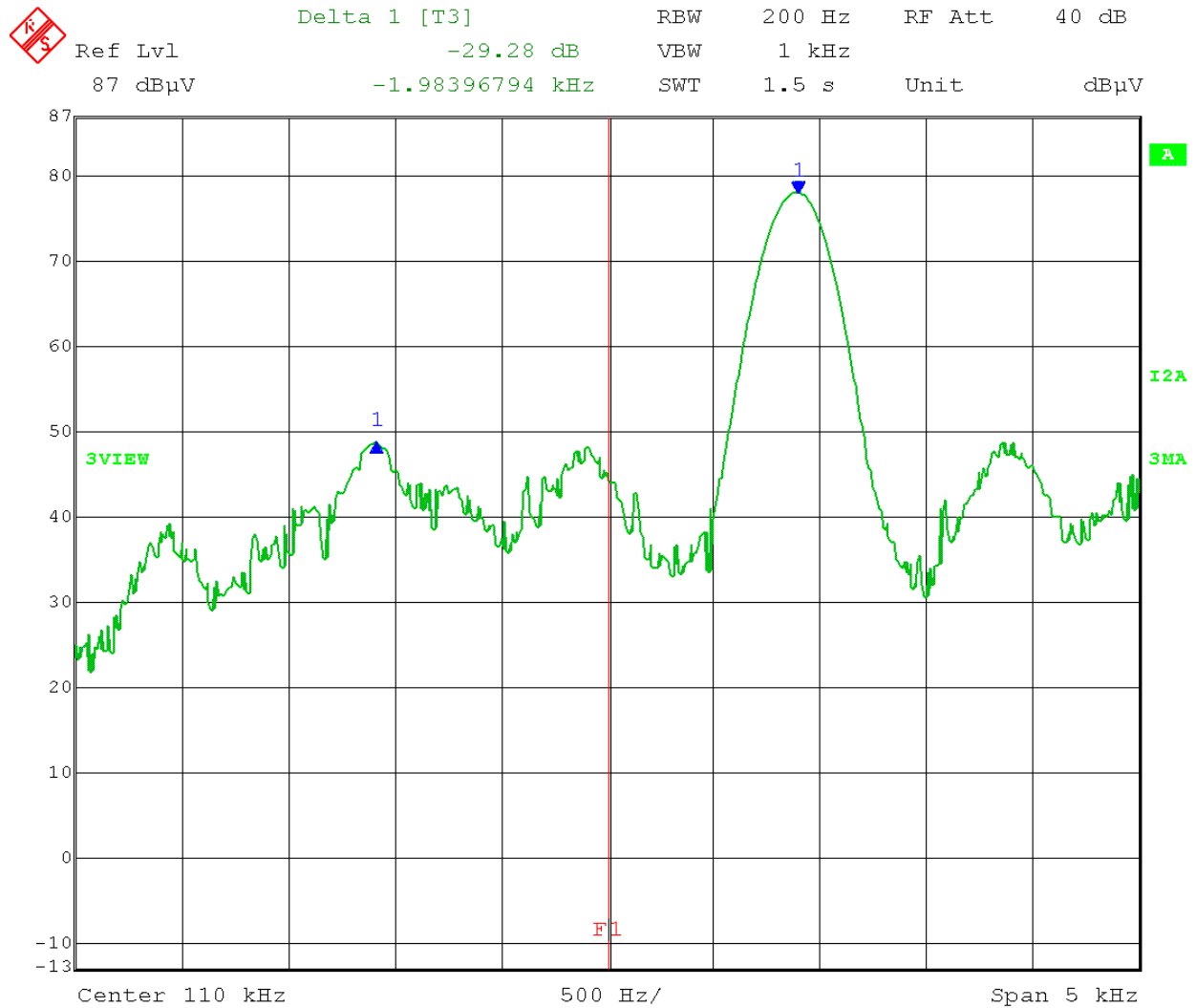
 Ref Lvl 87 dBμV Delta 1 [T3] -31.69 dB RBW 200 Hz RF Att 40 dB
Unit dBμV -2.00400802 kHz VBW 1 kHz SWT 1.5 s



Date: 16.APR.2013 13:34:35

Test Date: 04-16-2013
Company: Leggett & Platt Canada Co.
EUT: Helios
Test: Relative measurement at Restricted Band Edge
Operator: Craig B

Off center half load: 29.28 dB down at 110 kHz restricted band edge



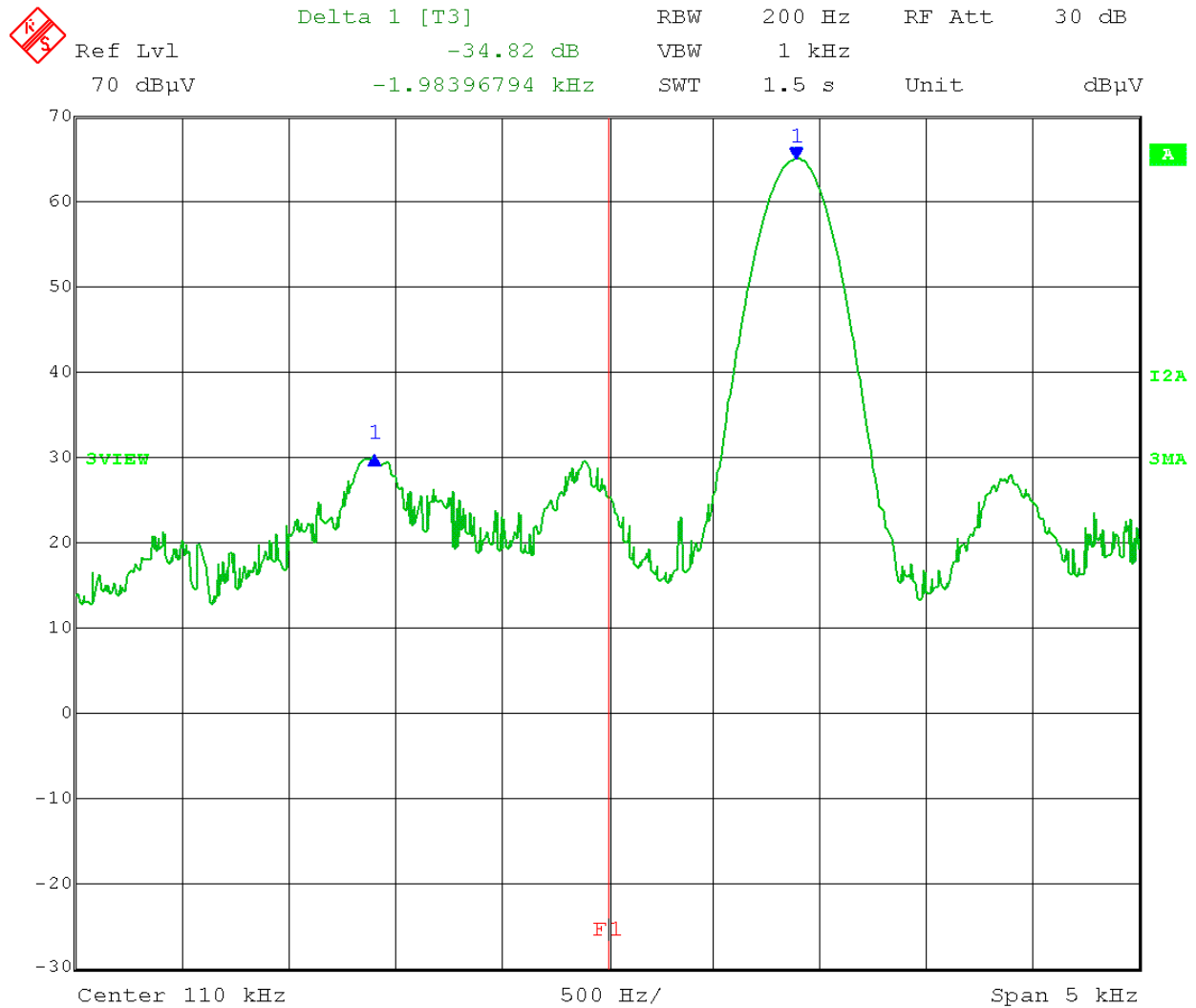
Date: 16.APR.2013 13:36:56

Off center min load: 36.75 dB down at 110 kHz restricted band edge



Test Date: 04-16-2013
Company: Leggett & Platt Canada Co.
EUT: Helios
Test: Relative measurement at Restricted Band Edge
Operator: Craig B

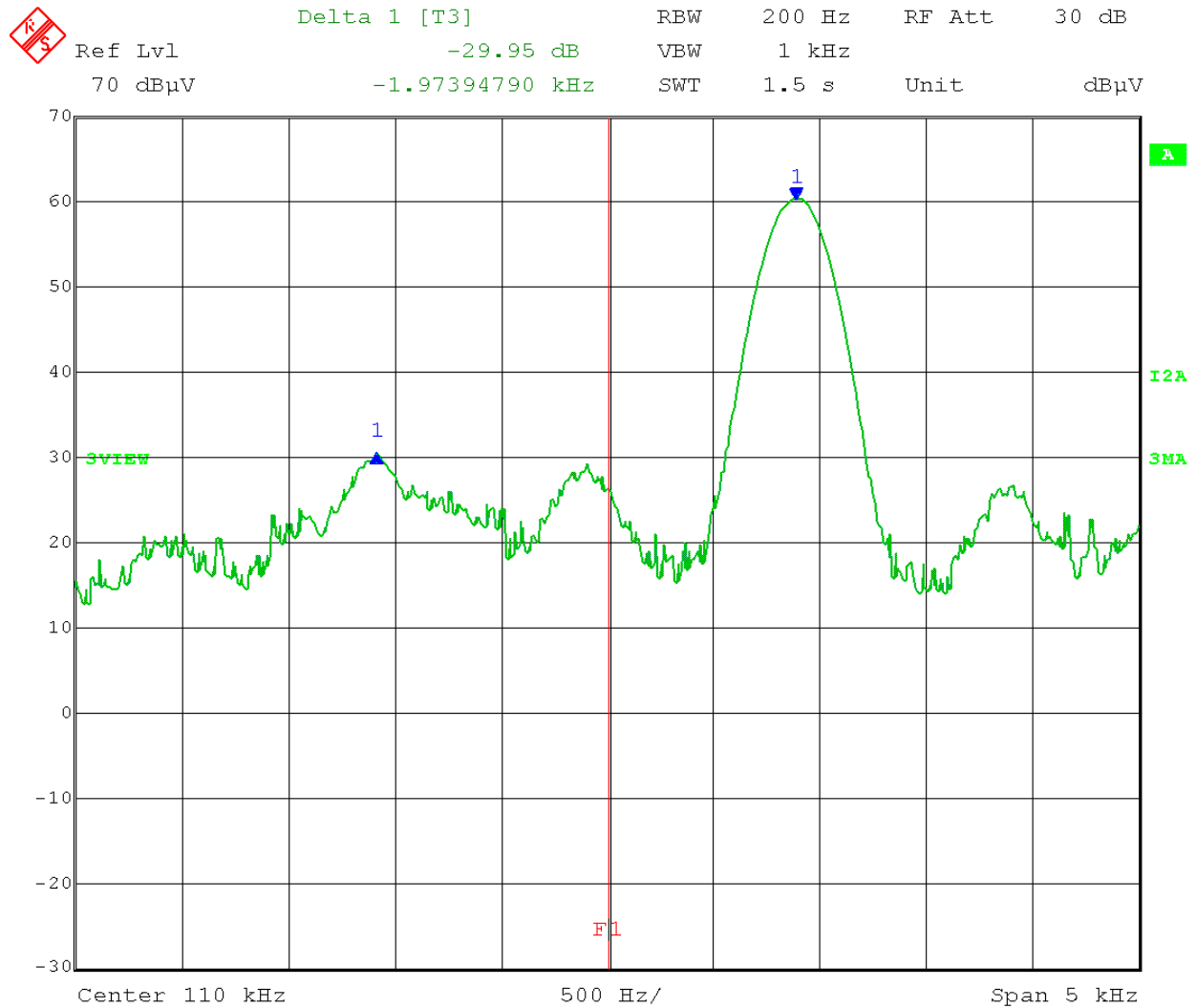
Centered full load: 34.82 dB down at 110 kHz restricted band edge



Date: 16.APR.2013 13:45:32

Test Date: 04-16-2013
Company: Leggett & Platt Canada Co.
EUT: Helios
Test: Relative measurement at Restricted Band Edge
Operator: Craig B

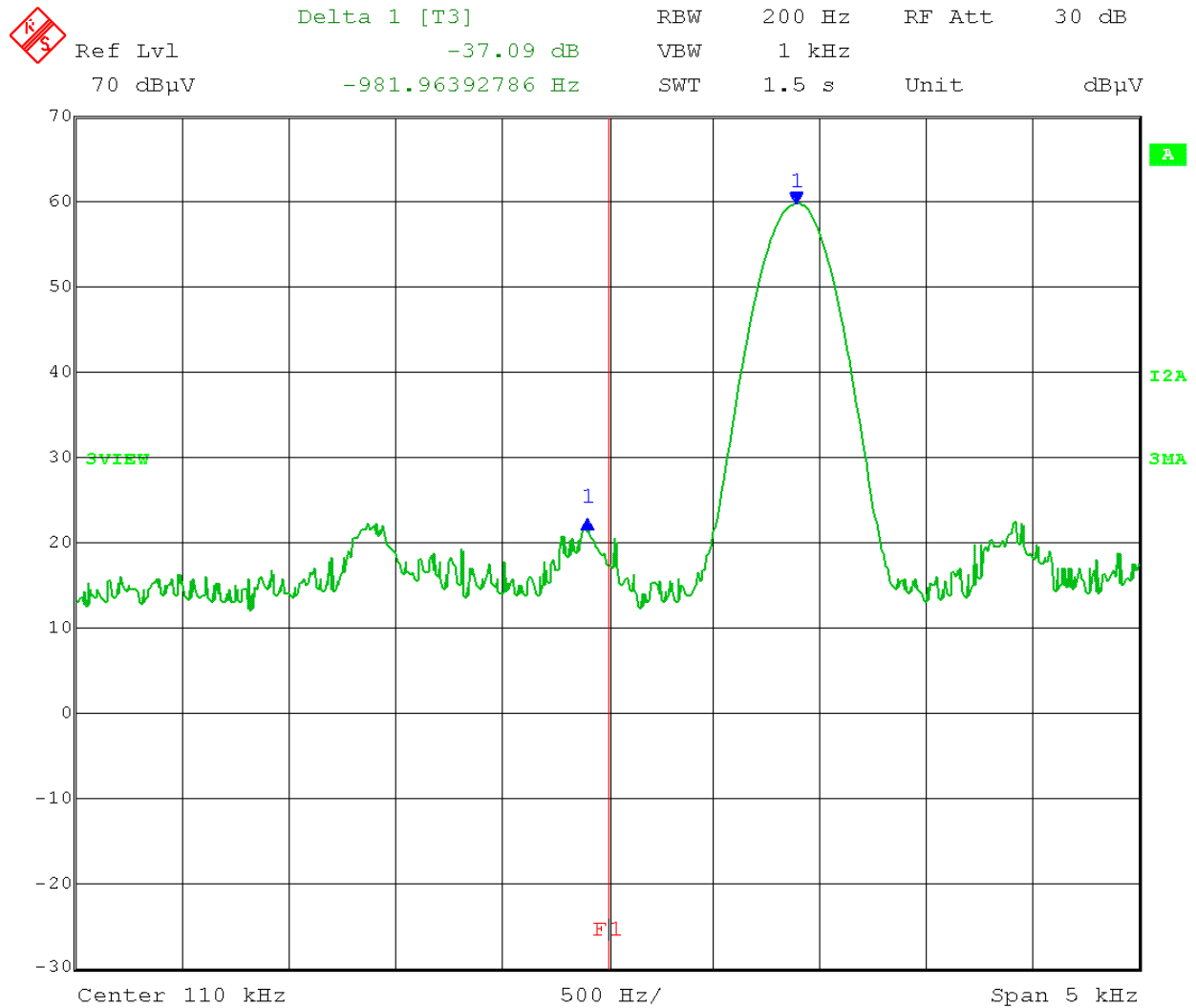
Centered half load: 29.95 dB down at 110 kHz restricted band edge



Date: 16.APR.2013 13:48:30

Test Date: 04-16-2013
Company: Leggett & Platt Canada Co.
EUT: Helios
Test: Relative measurement at Restricted Band Edge
Operator: Craig B

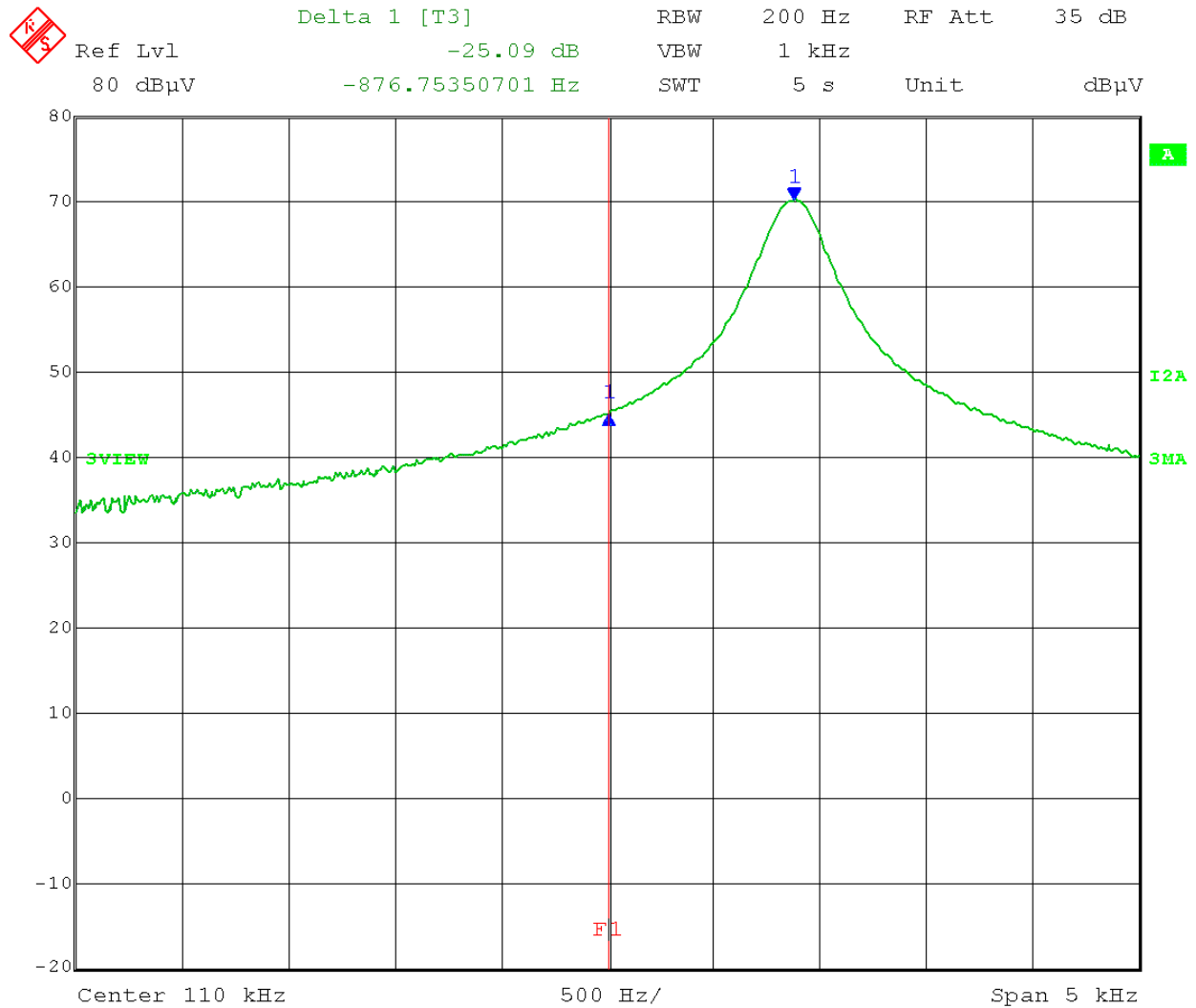
Center min load: 37.09 dB down at 110 kHz restricted band edge



Date: 16.APR.2013 13:51:16

Test Date: 04-16-2013
Company: Leggett & Platt Canada Co.
EUT: Helios
Test: Relative measurement at Restricted Band Edge
Operator: Craig B

Pinging mode: 25.09 dB down at 110 kHz restricted band edge



Date: 16.APR.2013 13:58:41