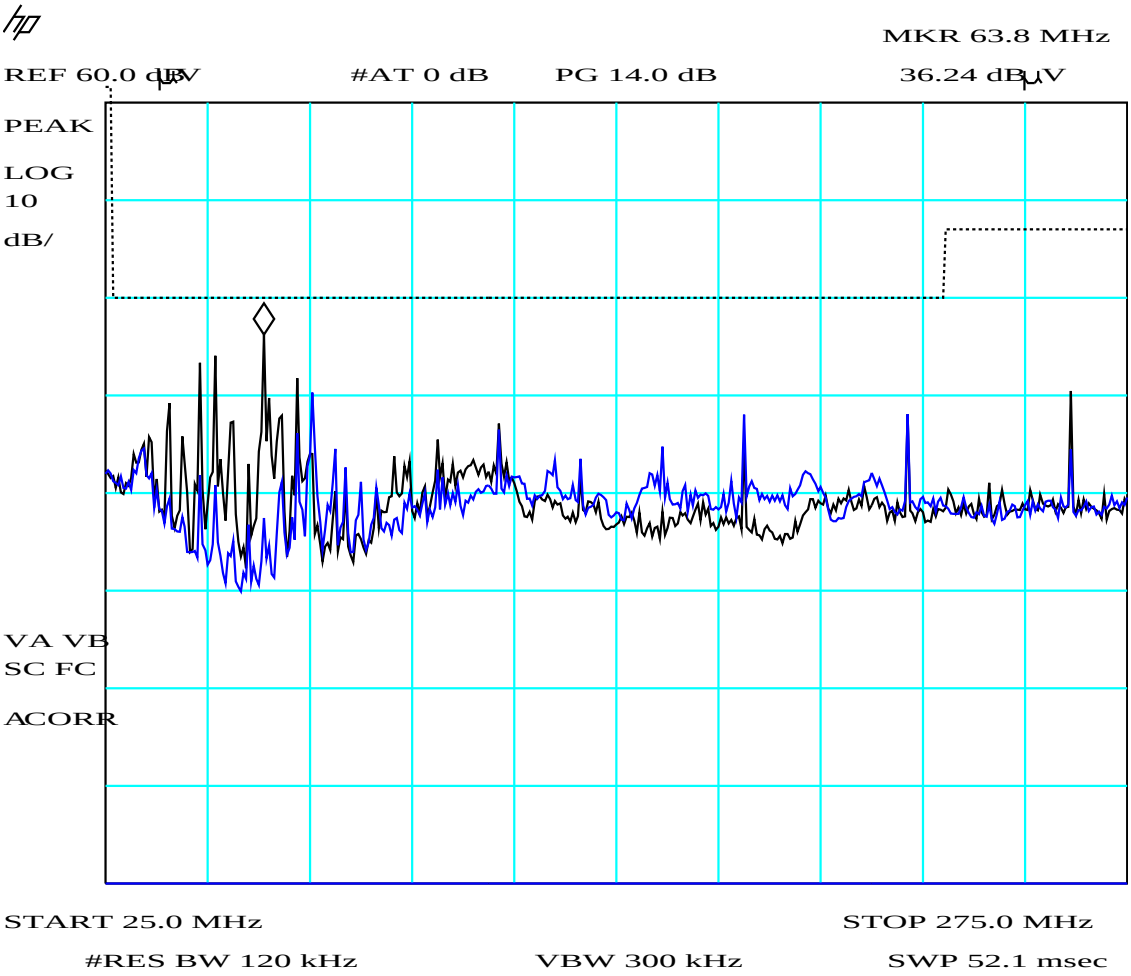


PLOT 1 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

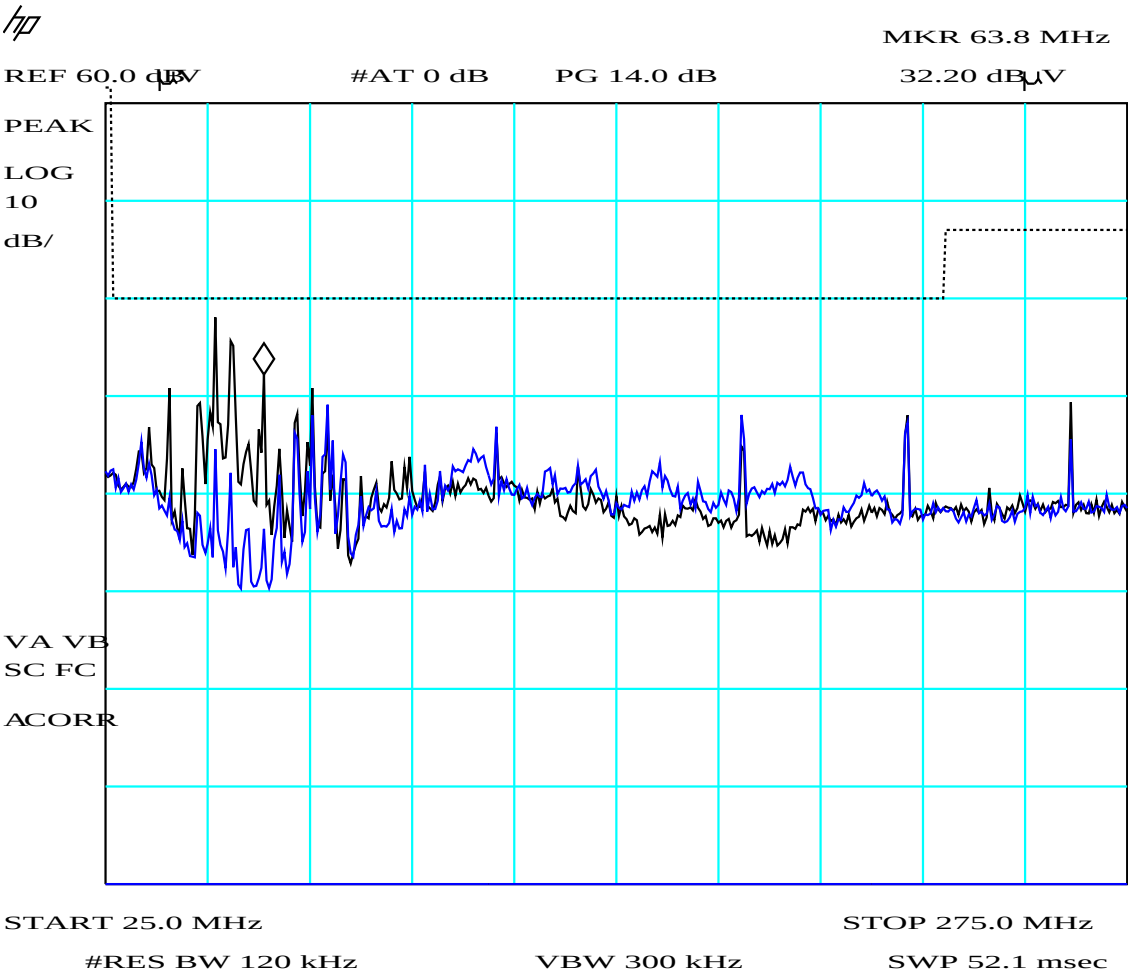
Notes:

Fully loaded, 8m cables.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C083D9.plt**		

Frequency List (MHz)



PLOT 2 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

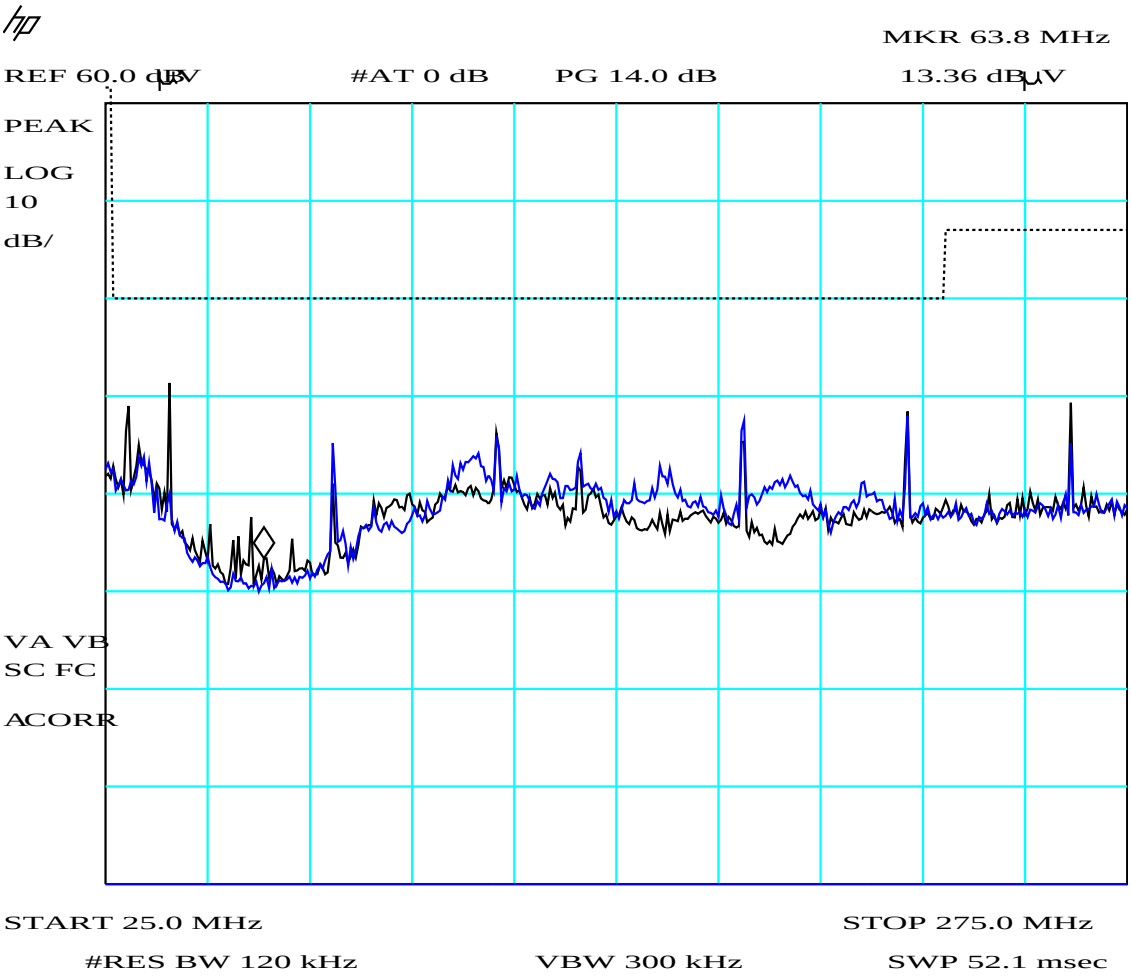
Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

Ferrites on all I/O

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C083EF.plt**		

Frequency List (MHz)



PLOT 3 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

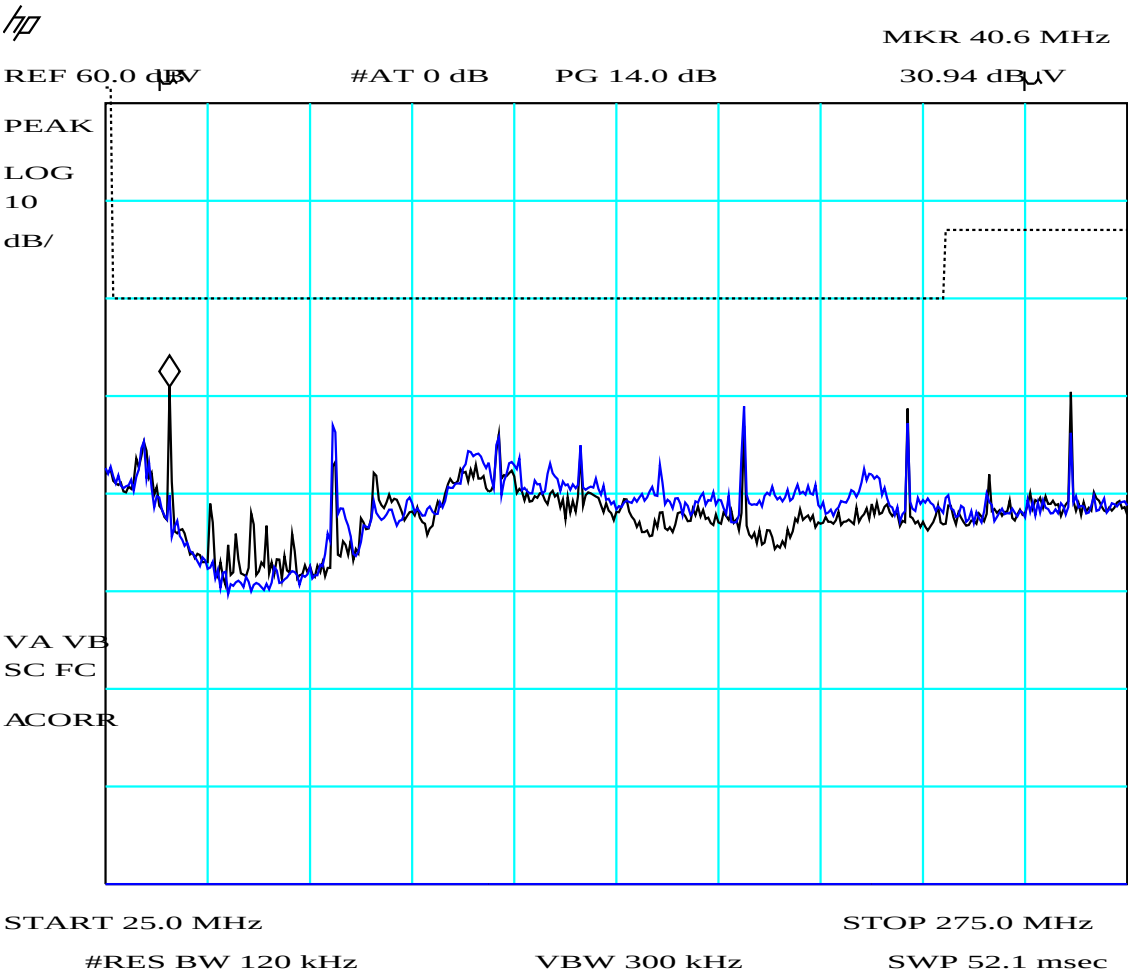
Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

Ferrites on all I/O, monitor PIC removed in digital ancilliary box.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C083F9.plt**		

Frequency List (MHz)



PLOT 4 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

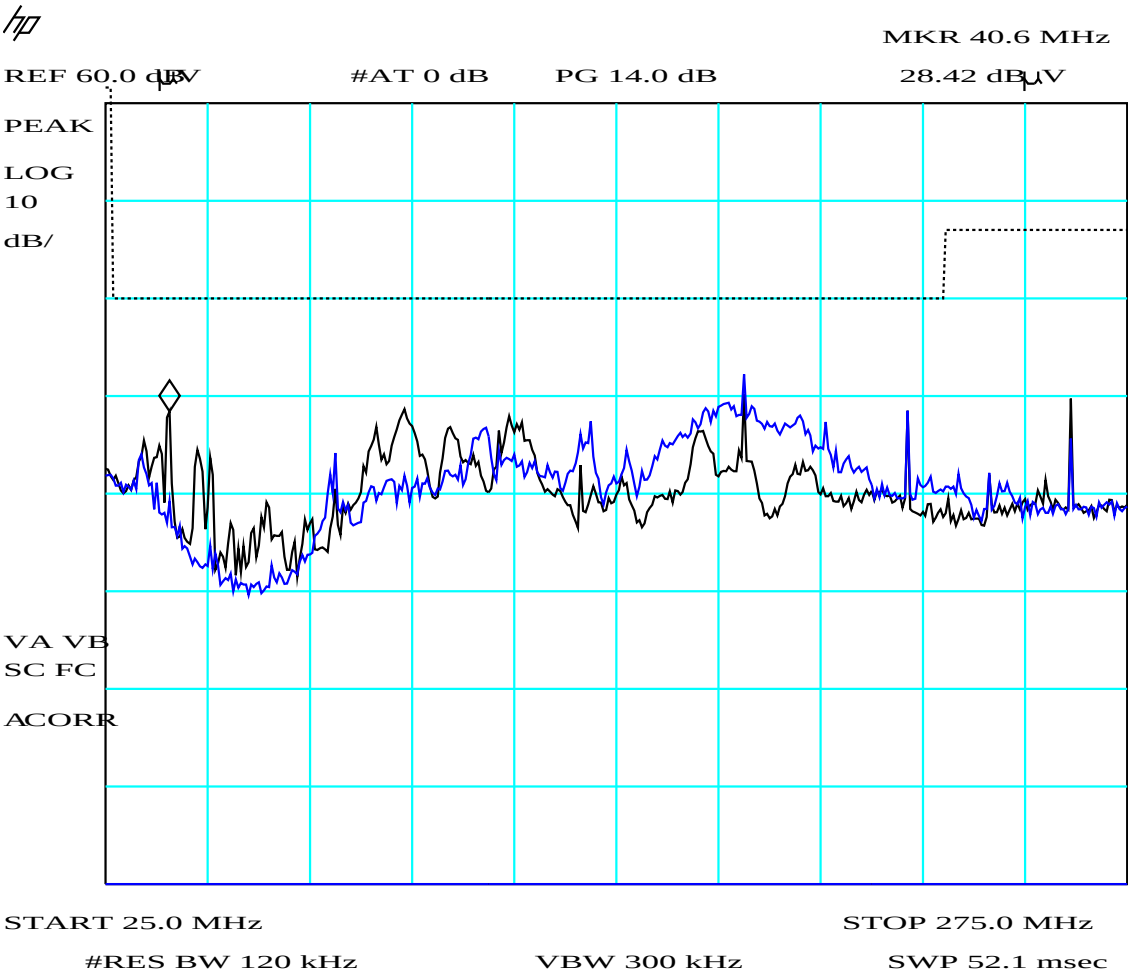
Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

Ferrites removed, monitor PIC removed in digital ancilliary box.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C08406.plt**		

Frequency List (MHz)



PLOT 5 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

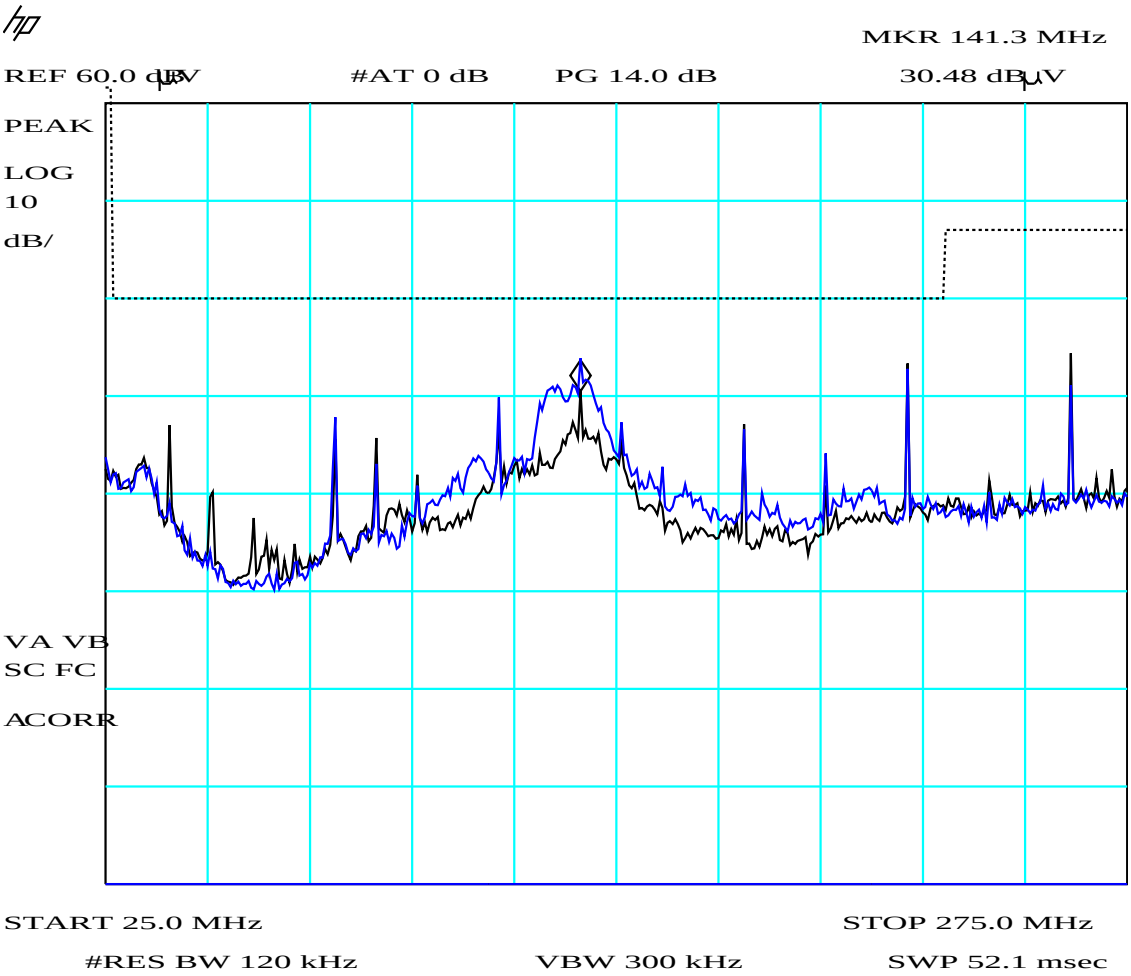
Ferrites removed, monitor PIC removed in digital ancilliary box.

Second Web Brick with 10MHz clock i.e. pll disabled. No caps on I/O.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C08411.plt**		

Frequency List (MHz)



PLOT 6 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

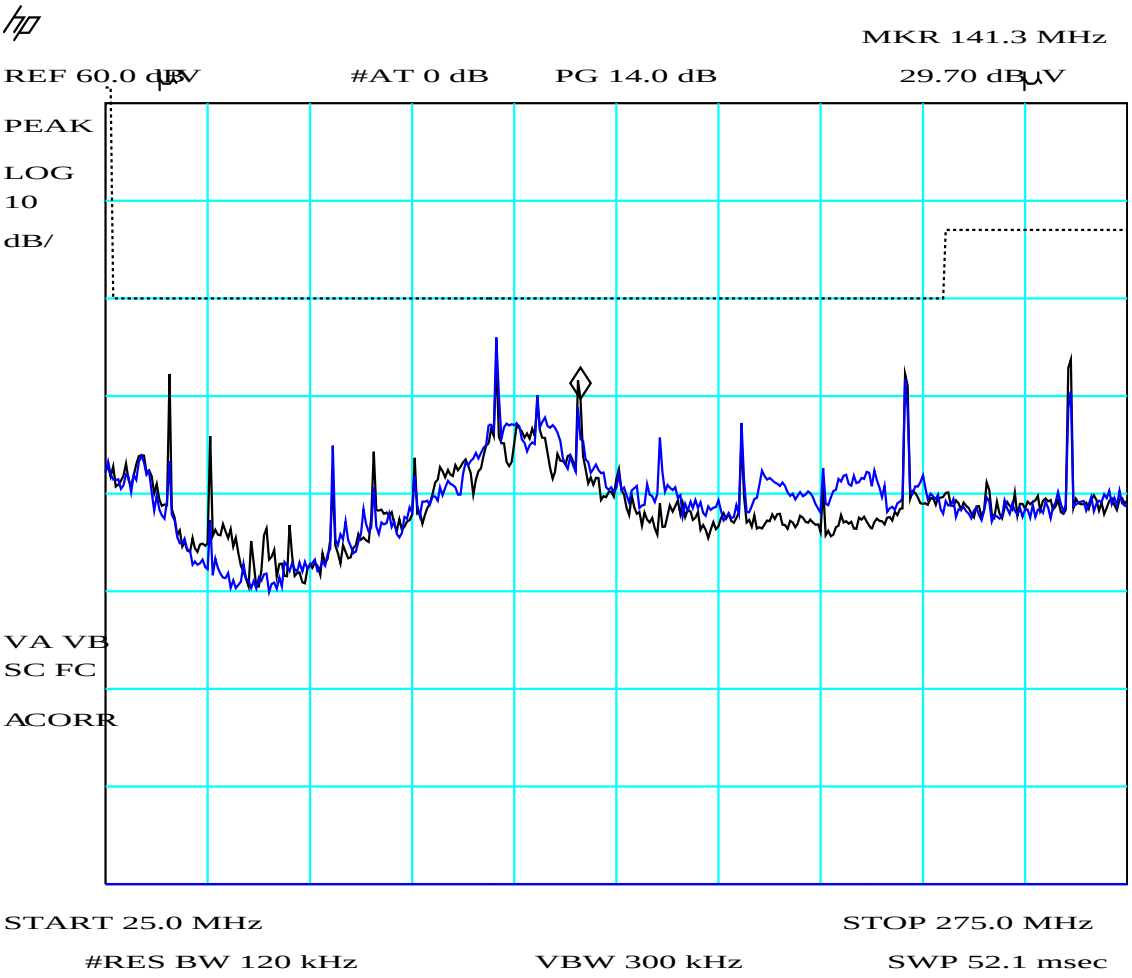
Ferrites removed, monitor PIC removed in digital ancilliary box.

Third Web Brick with 40MHz clock.Copper taped. Ethernet disconnected.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C0841A.plt**		

Frequency List (MHz)



PLOT 7 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

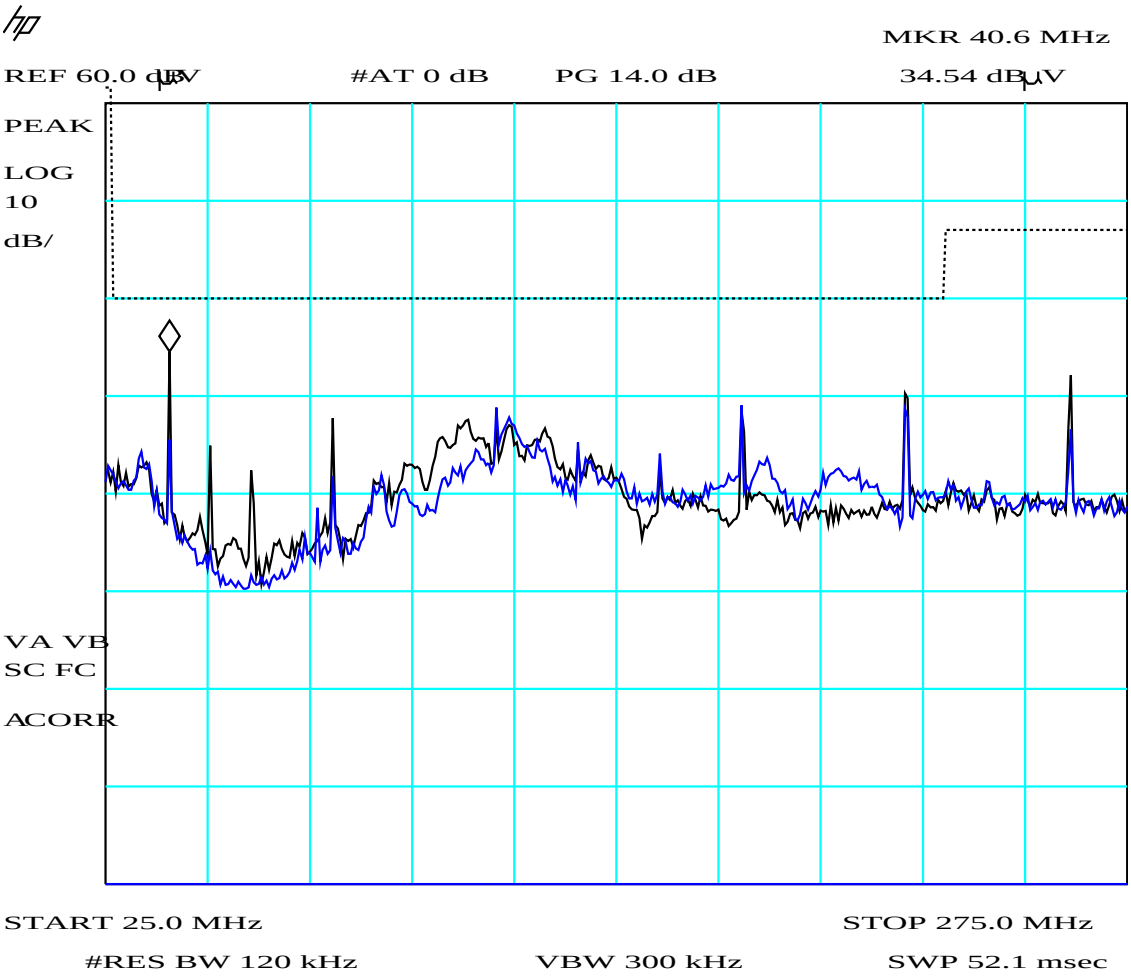
Ferrites removed, monitor PIC removed in digital ancilliary box.

Third Web Brick with 40MHz clock.Copper taped. LV ground connected to mains ground.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C08426.plt**		

Frequency List (MHz)



PLOT 8 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

Ferrites removed, monitor PIC removed in digital ancilliary box.

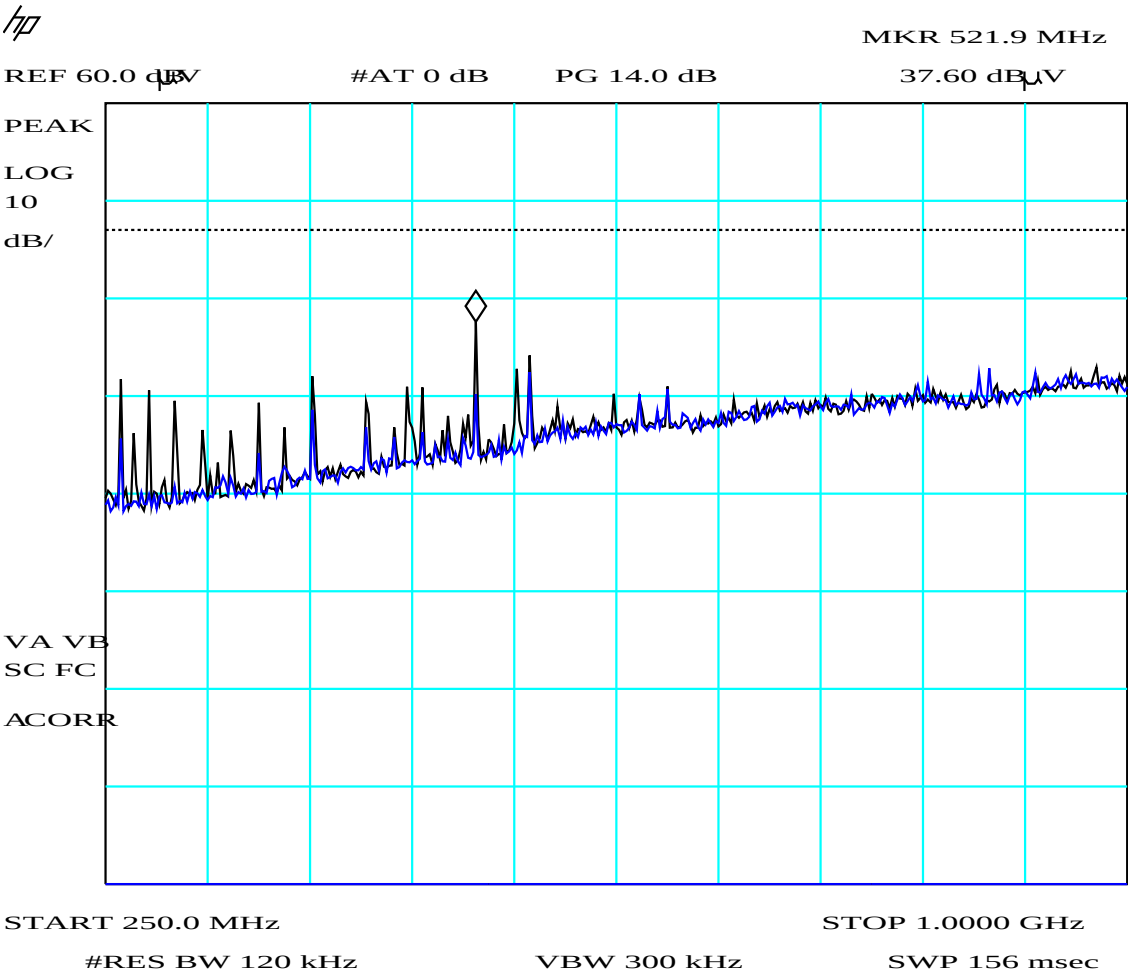
Original Web Brick with 40MHz clock. LV gnd connected to Mains Gnd.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C08432.plt**		

Frequency List (MHz)

40.600				**180.600**		
50.600				**220.600**		
80.600						
113.800						



PLOT 9 Radiated Emissions

Company:	**02 M8**	**Product:**	**Web Brick**
Date:	**08 Dec 05**	**Test Engineer:**	**Stephen Browning**
Test:	**EN55022**	**Limit:**	**EN (B)**

Notes:

Fully loaded, 8m cables. Using dBTech PSU instead of customerPSU.

Ferrites removed, monitor PIC removed in digital ancilliary box.

Original Web Brick with 40MHz clock. LV gnd connected to Mains Gnd.

Equip: R5,R5B,CBL002,Patch1,CBL003,A12. Vertical - Black Trace, Horizontal - Blue Trace.

Polarisation:	**V + H**	**Orientation:**	**0 - 360°**	**Operating Mode:**	**1**
Distance:	**3m**	**Antenna:**	**Bilog**	**Mod. State:**	**0**
Height:	**1m**	**Filename:**	**H5C08442.plt**		

Frequency List (MHz)

521.900						