

Index of BPL Files

Summary Studies Including Homeplug Emissions and Noise Near Power Lines

File Name	Title and Date	Description
<i>Index of BPL Files.doc</i>	“Index of BPL Files”, 4/16/2009	This index of BPL files
<i>Field Strength Measurements Relative to ARRL Concerns Regarding BPL-wEmbeddedDate.ppt</i>	“Field Strength Measurements Relative to ARRL Concerns Regarding BPL”, 10/16/2003	Presentation including measurements of ambient spectrum levels near residential power lines and of access BPL emissions
<i>BPL--FccLab to OET 12-03-2003a-wEmbeddedDate.ppt</i>	“Broadband Over Power Line (BPL) Test Results and Considerations”, 12/3/2003	Presentation including measurements of ambient spectrum levels near power lines, measurements of access BPL emissions, and tests of in-house BPL interference to reception on portable shortwave radio and on fixed amateur HF antenna (spectrum levels and embedded audio)**
<i>General BPL Findings after Briarcliff-toOET09-08-2004-wEmbeddedDate.ppt*</i>	“BPL Summary After Briarcliff Manor, NY Test”, 9/8/2004	Presentation summarizing BPL test results
<i>BPL & Ambient Noise7.xls</i>	<i>Spreadsheet</i>	Supporting Data: Raw data and plots of ambient noise measurements near power lines and of access BPL emissions—used in “Field Strength Measurements Relative to ARRL Concerns Regarding BPL” and “Broadband Over Power Line (BPL) Test Results and Considerations”
<i>HomePlug Test In Gary Hendrickson neighborhood.xls</i>	<i>Spreadsheet</i>	Supporting Data: Raw data and plots of ambient and Homeplug-generated spectrum levels measured on an HF amateur antenna—used in “Broadband Over Power Line (BPL) Test Results and Considerations”

* Unredacted version of previously released file

** Should be played in Power Point slide show mode due to embedded audio.

Potomac Test Results (Current Technologies)

File Name	Title and Date	Description
<i>Emission Measurements on Current Technologies MV System-d-wEmbeddedDate.ppt*</i>	“Emission Measurements on Current Technologies Medium Voltage BPL System”, 4/22/2003	Presentation documenting Potomac tests of access BPL system

* Unredacted version of previously released file

Allentown Test Results (Amperion and Main.Net)

File Name	Title and Date	Description
<i>Allentown Results-06-20-03a-wEmbeddedDate.ppt*</i>	“Broadband Over Power-Line (BPL) Measurements in Allentown, PA--Results of Radiated Emissions Tests Conducted May 19-22, 2003”, 6/20/2003	Presentation documenting Allentown tests of access BPL systems

* Unredacted version of previously released file

Raleigh Test Results (Amperion)

File Name	Title and Date	Description
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<i>RaleighBPLTestRpt-07-2004-Corrected02-14-05-wEmbeddedDate.ppt*</i>	“BPL Emission Tests Near Raleigh, North Carolina, June 28 – July 2, 2004”, 8/4/2004 with corrections 2/14/2005	Presentation documenting Raleigh tests of access BPL system
<i>BPL Test in Raleigh_V-AM-S1.mp4</i> <i>BPL Test in Raleigh_V-SSB-S1.mp4</i> <i>BPL Test in Raleigh_V-AM-S2.mp4</i> <i>BPL Test in Raleigh_V-SSB-S2.mp4</i>	“BPL Interference Test Near Raleigh, NC—July 1, 2004”	MPEG4 video files documenting BPL sounds observed at two fixed sites (S1 and S2) as a radio receiver operating in either AM or SSB mode was tuned across spectrum used by BPL system
<i>BPL Test in Raleigh_V-AM-D2.mp4</i>	No title	MPEG4 video file documenting reception of a shortwave radio broadcast while driving toward overhead power lines carrying BPL signals

* Unredacted version of previously released file

Briarcliff Manor Test Results (Ambient)

File Name	Title and Date	Description
<i>Briarcliff Test Report-2004final-wEmbeddedDate.ppt</i>	“BPL Emission Tests In Briarcliff Manor, NY, August 17 - 19, 2004”	Presentation documenting Briarcliff Manor tests of an access BPL system
<i>Briarcliff Manor BPL Video Files-L01a.doc</i>	“Briarcliff Manor BPL Video Files”	Description of video files of driving tests from Briarcliff Manor
<i>BriarcliffVid1xx.mp4</i> <i>BriarcliffVid2xx.mp4</i> <i>BriarcliffVid3xx.mp4</i> <i>BriarcliffVid4xx.mp4</i> <i>BriarcliffVid5xx.mp4</i> <i>BriarcliffVid6xx.mp4</i> , where xx = “_320x240x15-300kbps-32kbps” for medium-resolution files or “_640x480x30-3800kbps-32kbps” for high-resolution files (videos 5 and 6 only)	“BPL Interference Test—Briarcliff Manor, NY—August 17-19, 2004”	MPEG4 video files documenting interference to reception of simulated radio transmissions during driving tests
<i>BriarcliffLevelVsGPSCoord16.xls</i>	<i>Spreadsheet</i>	Supporting data: GPS coordinates and received levels during driving tests in Briarcliff Manor