FCC
PROOF-OF-PERFORMANCE
TIME WARNER CABLE
FRANKLIN, PA.

SUMMER 2006

TESTED BY
DIGITRACE, INC.
810-603-0910

Time Warner Franklin Overall System Compliance Report

FCC Proof of Performance Public File for Time Warner Franklin 501 Thirteenth St. Franklin , PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
Minimum Visual Signal Level After a 100' Drop	100%
Visual Signal Level Six-month Interval	100%
Visual Signal Level Six-MHz Separation	99.6%
Visual Signal Level All-Channel Separation	100%
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Color Test	100%
Overall System Compliance Ratio	99.9%

Federal Communications Rules and Regulations Part 76.605
¶(11) §(i) The chrominance-luminance delay inequality (or chroma delay), which is the change in delay time of the chrominance component of the signal relative to the luminance component, shall be within 170 nanoseconds.
§(ii) The differential gain for the color subcarrier of the television signal, which is measured as the difference in amplitude between the largest and smallest segments of the chrominance signal (divided by the largest and expressed in percent), shall not exceed ±20%.
§(iii) The differential phase for the color subcarrier of the television signal which is measured at the largest phase difference in degrees between each segment of the chrominance signal and reference segment (the segment at the blanking level of 0 IRE), shall not exceed ±10 degrees.
76.601 ¶(4) The operator of each cable television system shall conduct triennial proof-of-performance tests of its system to determine the extent to which the system complies with the technical standards set forth in 76.605 ¶(11)

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FCC PROOF TABLE OF CONTENTS

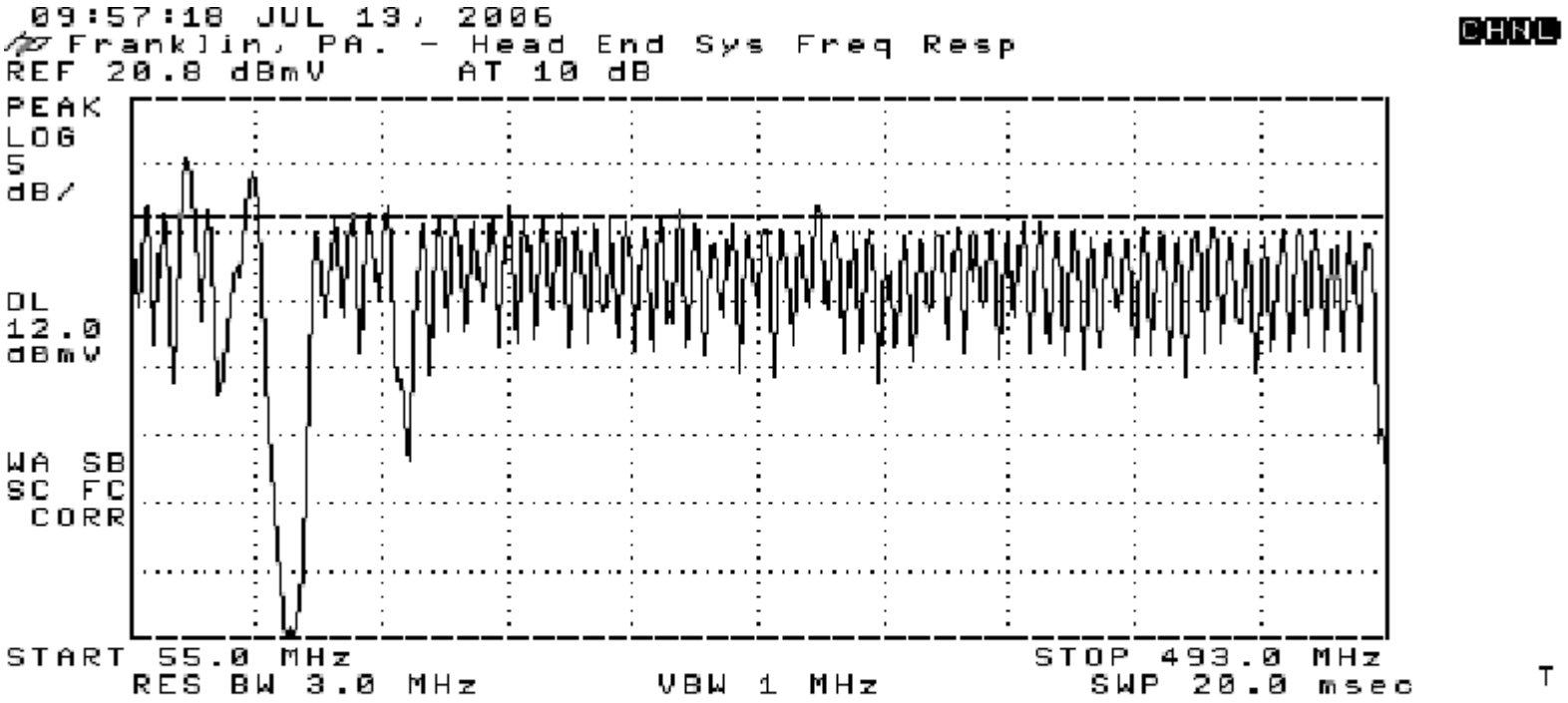
FCC Proof of Performance Public File for Time Warner Franklin 501 Thirteenth St. Franklin , PA 16323 Summer Test Cycle 2006	
MSO	**Time Warner Franklin**
Address	501 Thirteenth St.
City	Franklin
FCC Minimum Channels Tested	9
Actual Channels Tested	9
FCC Minimum Test Points	6
Actual Test Points Tested	6
Highest Active Analog Channel	78
Highest Analog Frequency	550
Total Active Bandwidth	750
Subscriber Count	5051
Pilot Channel(s)	0 & 0
Scrambled Analog Channels	None
FCC Proof Channels Tested	13,18,23,28,31,43,48,52,62
Headend Franklin HE Address Waypoint	Gurney Hill Franklin PA 16323 N41° 23.188 W79° 50.254
Test Point 1 Address Waypoint	1012 Walnut Reno PA 16323 N41° 24.485 W79° 44.414
Test Point 2 Address Waypoint	Keely Rd. Franklin PA 16323 N41° 27.510 W79° 48.546
Test Point 3 Address Waypoint	Cooperstown Rd. Franklin PA 16323 N41° 29.715 W79° 49.763
Test Point 4 Address Waypoint	Adams Rd Polk PA 16323 N41° 20.271 W79° 57.067
Test Point 5 Address Waypoint	Congresshill Franklin PA 16323 N41° 20.030 W79° 52.218
Test Point 6 Address Waypoint	319 Elk St. Franklin PA 16323 N41° 22.874 W79° 49.232

Franklin, PA. Test Point Map

TN
MN (0.0°E)

Scale 1 : 137,500
1" = 2.17 mi
Data Zoom 10-5

FCC Proof of Performance Public File for Time Warner Franklin Gurney Hill Franklin , PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Color Test	100%
Overall Head End Compliance Ratio	100%


09:57:18 JUL 13, 2006
Franklin, PA. - Head End Sys Freq Resp
CHNL
REF 20.8 dBmV
AT 10 dB
PEAK
LOG
5
dB/
DL
12.0
dBmV
WA SB
SC FC
CORR
START 55.0 MHz
STOP 493.0 MHz
RES BW 3.0 MHz
VBW 1 MHz
SWP 20.0 msec
T

Franklin HE Head End Levels and Frequency Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Gurney Hill Franklin , PA 16323
Summer Test Cycle 2006

Channel	Visual Frequency (MHz)	Frequency Offset (KHz)	Visual Level (dBmV)	A/V Delta Level (dB)	A/V Separation Frequency (MHz)
2	**55.239944**		12.7	14.2	4.500043
3	61.248708		12.8	13.6	4.500010
4	**67.262560**		12.1	13.6	4.499789
5	77.248952		10.0	12.4	4.500042
6	83.249160		12.5	14.0	4.500113
14	121.263192	12.50	11.1	13.1	4.500067
15	127.261584	12.50	11.5	14.2	4.500028
16	133.261584	12.50	11.8	14.0	4.500028
17	139.249808		12.2	14.0	4.500010
18	145.252144		11.5	13.7	4.499947
20	157.249952		11.5	13.7	4.500005
21	**163.256400**		11.4	14.9	4.500043
22	169.254656		11.1	13.1	4.499975
7	**175.257056**		11.4	13.8	4.500020
8	**181.243440**		11.5	14.0	4.500014
9	**187.263792**		11.5	13.6	4.500004
10	**193.255520**		11.3	13.7	4.500030
11	**199.236927**		11.6	14.1	4.500003
12	205.250527		11.7	13.8	4.499998
13	211.250463		11.0	13.5	4.500018
23	217.250271		11.6	14.8	4.500014
24	223.250031		11.2	14.2	4.500116
25	229.262655	12.50	10.9	12.0	4.499996
26	235.262447	12.50	10.8	13.7	4.499970
27	241.262607	12.50	11.4	13.7	4.500001
28	247.263103	12.50	10.9	14.0	4.499899
29	253.262383	12.50	11.1	13.6	4.500018
30	259.262543	12.50	10.0	13.7	4.500069
31	265.262863	12.50	11.0	13.8	4.500011
32	271.262303	12.50	11.0	13.0	4.500006
33	277.262623	12.50	11.1	14.1	4.500012
34	283.262495	12.50	10.9	14.2	4.499997
35	289.262719	12.50	11.5	14.5	4.500013

Federal Communications Rules and Regulations Part 76.605
(Visual Frequency) No specific requirements for FCC Proof-of-Performance test. Good engineering practices a tolerance of ±5 KHz for the visual frequencies should apply. Visual frequencies outside the ±5 KHz tolerance will be illustrated but not included in the compliance analysis.
¶(5) (A/V Separation Level Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.

Franklin HE Head End Levels and Frequency Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Gurney Hill Franklin , PA 16323
Summer Test Cycle 2006

Channel	Visual Frequency (MHz)	Frequency Offset (KHz)	Visual Level (dBmV)	A/V Delta Level (dB)	A/V Separation Frequency (MHz)
36	295.262847	12.50	11.9	13.7	4.500024
37	301.262559	12.50	10.2	14.1	4.500002
38	307.262431	12.50	10.3	14.2	4.500059
39	313.262751	12.50	10.6	13.9	4.500017
40	319.262623	12.50	10.8	13.7	4.500425
41	325.262431	12.50	10.1	13.9	4.500004
42	331.273791	25.00	10.8	14.1	4.499979
43	337.262815	12.50	10.5	13.6	4.500001
44	343.262527	12.50	10.8	14.6	4.500055
45	349.261887	12.50	10.7	13.9	4.499993
46	355.261983	12.50	10.7	14.3	4.500008
47	361.262751	12.50	10.4	13.7	4.500019
48	367.262111	12.50	10.2	13.3	4.499870
49	373.262239	12.50	11.3	14.1	4.500013
50	379.262527	12.50	10.5	14.5	4.500001
51	385.262623	12.50	10.7	13.9	4.500020
52	391.262783	12.50	10.1	13.8	4.500017
53	397.263935	12.50	10.1	13.5	4.499867
54	403.250399		10.3	14.1	4.500013
55	409.249727		10.6	14.3	4.500002
56	415.250495		10.6	13.8	4.499900
57	421.247487		10.2	14.0	4.499857
58	427.250655		10.2	14.0	4.499858
59	433.254879		10.7	14.7	4.499876
60	439.251039		9.9	13.6	4.499878
61	445.249791		11.4	14.7	4.500001
62	451.249727		9.8	14.6	4.500016
63	**457.227103**		10.6	14.3	4.499851
64	463.250271		10.2	13.3	4.500015
65	469.250239		10.2	13.2	4.500089
66	475.250495		9.7	14.3	4.500137
67	481.250495		10.2	14.1	4.499955
68	487.250239		9.7	14.6	4.500007

Federal Communications Rules and Regulations Part 76.605

(Visual Frequency) No specific requirements for FCC Proof-of-Performance test. Good engineering practices a tolerance of ±5 KHz for the visual frequencies should apply. Visual frequencies outside the ±5 KHz tolerance will be illustrated but not included in the compliance analysis.

¶(5) (A/V Separation Level Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.

Franklin HE Head End Levels and Frequency Test Results

FCC Proof of Performance Public File for Time Warner Franklin Gurney Hill Franklin , PA 16323 Summer Test Cycle 2006					
Channel	**Visual Frequency (MHz)**	**Frequency Offset (KHz)**	**Visual Level (dBmV)**	**A/V Delta Level (dB)**	**A/V Separation Frequency (MHz)**

Federal Communications Rules and Regulations Part 76.605
(Visual Frequency) No specific requirements for FCC Proof-of-Performance test. Good engineering practices a tolerance of ±5 KHz for the visual frequencies should apply. Visual frequencies outside the ±5 KHz tolerance will be illustrated but not included in the compliance analysis.
¶(5) (A/V Separation Level Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.

Franklin HE Head End Distortion Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Gurney Hill Franklin , PA 16323
Summer Test Cycle 2006

Low Frequency Disturbance (Hum) on Channel 3 is 1.09 Percent.

Channels Tested	In Channel Response (dB)	Carrier to Noise (dBc)	Composite Triple Beat (dBc)	Coherent Disturbances (dBc)
18	1.5	53.6	72.8	71.8
13	0.6	50.8	69.3	69.1
23	0.6	51.1	66.1	68.8
28	1.2	51.9	65.5	68.9
31	0.9	51.8	65.0	67.9
43	0.8	54.4	66.8	72.6
48	2.2	54.8	65.2	71.9
52	1.3	53.5	68.9	68.0
62	0.8	53.0	74.0	68.7

Federal Communications Rules and Regulations Part 76.605
¶(10) (Low Frequency Disturbance) The peak-to-peak variation in visual signal level caused by undesired low frequency disturbances or by inadequate low frequency response, shall not exceed 3 percent of the visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.
¶(6) (In Channel Response) The amplitude characteristics shall be within a range of ± 2 dB from 0.75 MHz to 5 MHz above the lower boundary frequency of the cable television channel.
¶(7) (Carrier to Noise) The ratio of the RF visual signal level to system noise shall be as follows: §(iii) As of June 30, 1995, shall not be less then 43 dB.
¶(8) §(i) (Composite Triple Beat and Composite Second Order) The ratio of visual signal level to coherent disturbances shall not be less then 51 dB for noncoherent channel cable television systems. §(ii) The ratio of visual signal level to coherent disturbances which are frequency-coincident with the visual carrier shall not be less than 47 dB for coherent cable channel systems.

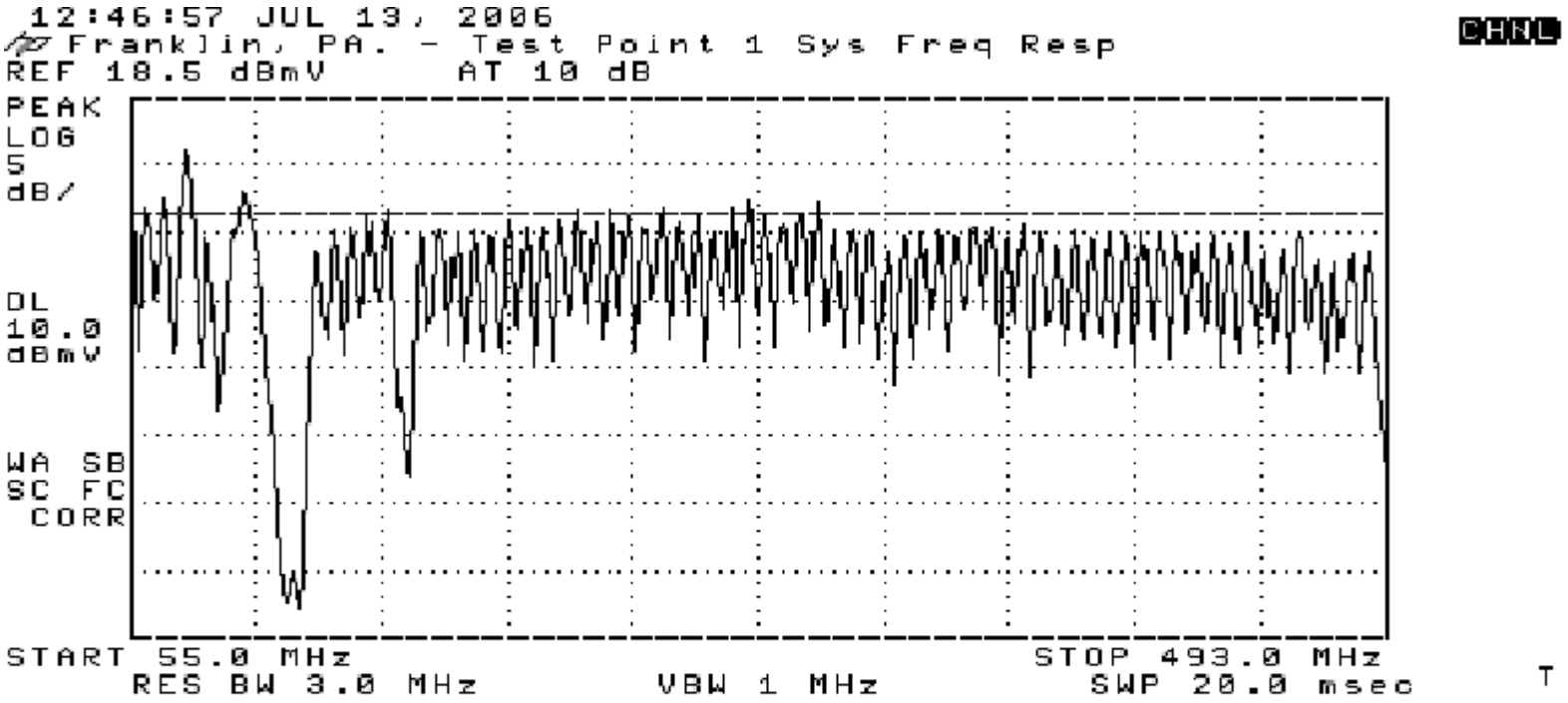
Franklin HE Head End Color Test Results

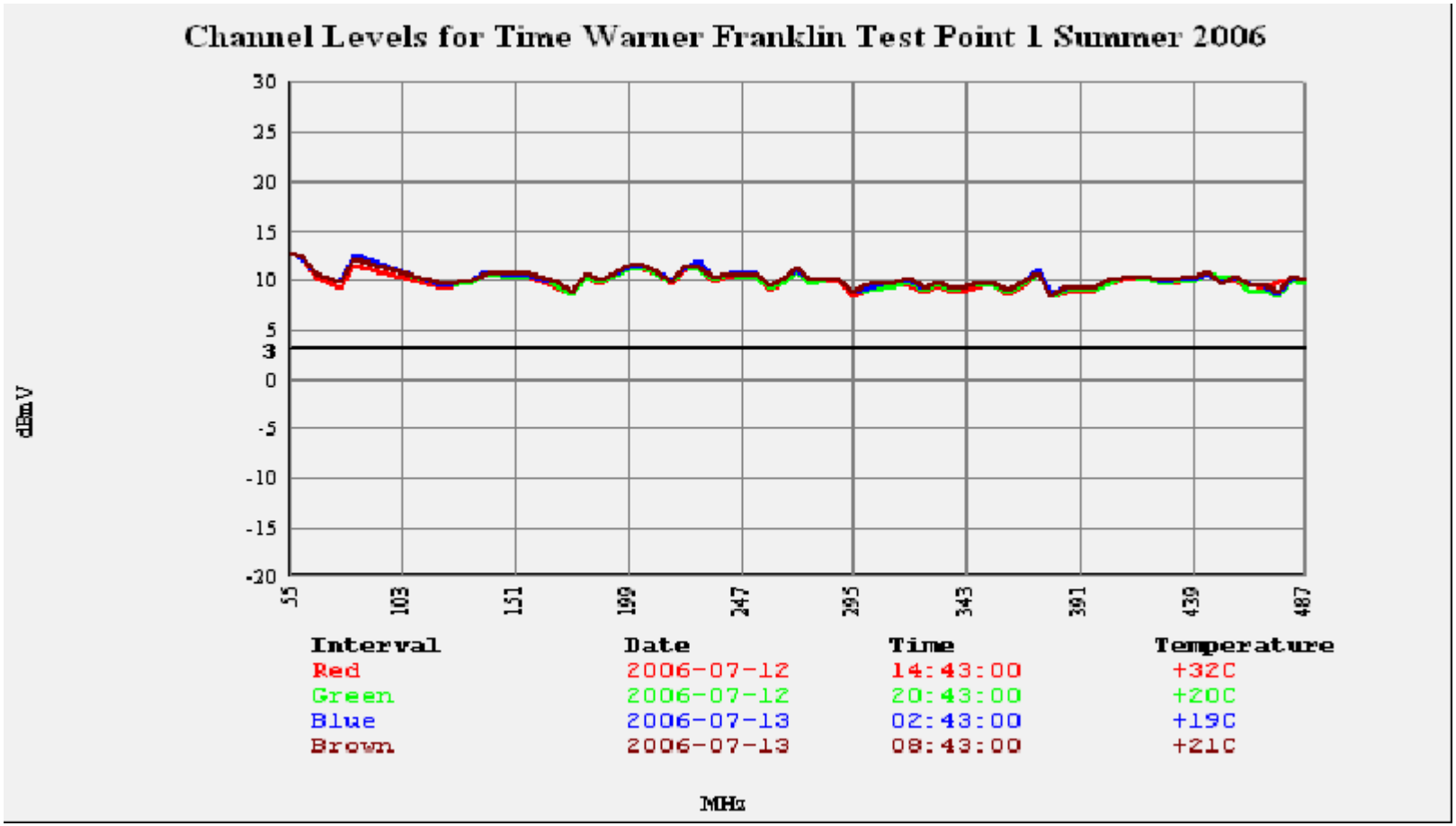
FCC Proof of Performance Public File for Time Warner Franklin Gurney Hill Franklin , PA 16323 Summer Test Cycle 2006			
Channels Tested	**Chrominance Luminance Delay (nanosecondes)**	**Differential Gain (%)**	**Differential Phase (degrees)**
18	9.0	3.9	- 2.4
13	23.0	2.0	- 0.8
23	-39.0	2.7	0.8
28	-51.0	2.5	1.0
31	-51.0	3.4	1.0
43	-52.0	2.1	1.2
48	- 3.0	1.9	0.9
52	-43.0	1.6	1.7
62	-47.0	3.2	0.8

Federal Communications Rules and Regulations Part 76.605
¶(11) §(i) The chrominance-luminance delay inequality (or chroma delay), which is the change in delay time of the chrominance component of the signal relative to the luminance component, shall be within 170 nanoseconds.
§(ii) The differential gain for the color subcarrier of the television signal, which is measured as the difference in amplitude between the largest and smallest segments of the chrominance signal (divided by the largest and expressed in percent), shall not exceed ±20%.
§(iii) The differential phase for the color subcarrier of the television signal which is measured at the largest phase difference in degrees between each segment of the chrominance signal and reference segment (the segment at the blanking level of 0 IRE), shall not exceed ±10 degrees.
76.601 ¶(4) The operator of each cable television system shall conduct triennial proof-of-performance tests of its system to determine the extent to which the system complies with the technical standards set forth in 76.605 ¶(11)

Test Point 1 Compliance Report

FCC Proof of Performance Public File for Time Warner Franklin 1012 Walnut Reno, PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
Minimum Visual Signal Level After a 100' Drop	100%
Visual Signal Level Six-month Interval	100%
Visual Signal Level Six-MHz Separation	100%
Visual Signal Level All-Channel Separation	100%
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Overall Test Point Compliance Ratio	100%


12:46:57 JUL 13, 2006
Franklin, PA. - Test Point 1 Sys Freq Resp
CHNL
REF 18.5 dBmV
AT 10 dB
PEAK
LOG
5
dB/
DL
10.0
dBmV
WA SB
SC FC
CORR
START 55.0 MHz
STOP 493.0 MHz
RES BW 3.0 MHz
VBW 1 MHz
SWP 20.0 msec
T


Channel Levels for Time Warner Franklin Test Point 1 Summer 2006
dBmV
30
25
20
15
10
5
3
0
-5
-10
-15
-20
55
103
151
199
247
295
343
391
439
487
MHz
Interval
Date
Time
Temperature
Red
2006-07-12
14:43:00
+32C
Green
2006-07-12
20:43:00
+20C
Blue
2006-07-13
02:43:00
+19C
Brown
2006-07-13
08:43:00
+21C

Test Point 1 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
1012 Walnut Reno, PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 14:43:00	2006-07-12 20:43:00	2006-07-13 02:43:00	2006-07-13 08:43:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+32C	+20C	+19C	+21C		
Channel	Visual Signal Level dBmV					
2	12.9	12.8	12.9	12.9	15.3	
3	12.1	12.1	12.2	12.3	13.7	
4	10.3	10.6	10.8	10.8	13.8	
5	9.3	9.9	9.8	9.9	12.5	
6	11.6	12.4	12.5	12.2	14.3	
14	9.3	9.4	9.5	9.6	13.1	
15	9.6	9.6	9.8	9.8	14.4	
16	9.8	9.9	10.0	10.1	13.8	
17	10.8	10.7	10.9	10.8	14.2	
18	10.5	10.5	10.7	10.7	14.3	
20	10.3	10.2	10.5	10.6	14.4	
21	9.9	10.2	10.1	10.2	16.4	
22	9.3	9.4	9.8	9.8	13.9	
7	8.6	8.5	8.8	8.8	14.1	
8	10.3	10.3	10.6	10.6	13.6	
9	9.7	9.8	10.0	10.1	13.2	
10	10.4	10.5	10.6	10.7	14.0	
11	11.1	11.1	11.4	11.5	14.4	
12	11.1	11.4	11.5	11.5	13.6	
13	10.6	10.8	11.0	10.9	14.8	
23	9.6	9.9	10.1	9.9	13.4	
24	11.2	11.3	11.4	11.5	14.6	
25	11.4	11.2	12.0	11.3	13.2	
26	9.8	10.0	10.3	10.2	13.4	
27	10.5	10.6	10.8	10.8	14.0	
28	10.2	10.3	10.6	10.5	14.3	
29	10.2	10.2	10.6	10.6	13.3	
30	9.0	9.2	9.4	9.4	14.4	
31	9.9	9.9	10.2	10.2	14.0	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 1 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
1012 Walnut Reno, PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 14:43:00	2006-07-12 20:43:00	2006-07-13 02:43:00	2006-07-13 08:43:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+32C	+20C	+19C	+21C		
Channel	Visual Signal Level dBmV					
32	11.0	11.0	11.2	11.3	13.9	
33	9.7	9.7	10.1	10.0	14.2	
34	10.0	10.0	10.3	10.3	14.5	
35	9.8	10.1	10.0	10.1	13.9	
36	8.4	8.8	8.9	8.8	13.4	
37	9.1	9.1	9.3	9.6	14.4	
38	9.3	9.3	9.6	9.6	14.3	
39	9.5	9.5	9.8	9.8	14.2	
40	9.5	9.9	10.0	10.3	14.1	
41	8.8	9.0	9.2	9.2	14.2	
42	9.5	9.7	9.8	9.9	14.3	
43	8.8	9.1	9.3	9.2	13.6	
44	9.1	9.4	9.5	9.5	14.3	
45	9.4	9.5	9.8	9.8	14.7	
46	9.4	9.5	9.7	9.7	14.6	
47	8.6	8.8	9.0	9.1	13.8	
48	9.4	9.6	9.8	9.8	14.4	
49	10.8	10.7	11.2	10.7	14.5	
50	8.3	8.4	8.8	8.4	14.3	
51	8.9	9.1	9.3	9.4	13.9	
52	8.9	9.1	9.2	9.2	14.5	
53	9.0	9.1	9.2	9.2	13.9	
54	9.6	9.7	10.0	10.1	14.4	
55	10.0	10.2	10.2	10.3	14.4	
56	10.2	10.3	10.5	10.5	14.2	
57	10.0	10.0	10.2	10.3	14.5	
58	9.6	9.7	9.9	10.1	14.1	
59	9.9	10.0	10.2	10.3	14.6	
60	10.0	9.8	10.1	10.2	14.3	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 1 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
1012 Walnut Reno, PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 14:43:00	2006-07-12 20:43:00	2006-07-13 02:43:00	2006-07-13 08:43:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+32C	+20C	+19C	+21C		
Channel	Visual Signal Level dBmV					
61	10.7	10.7	10.8	10.9	14.0	
62	9.9	10.3	9.9	9.6	15.1	
63	10.0	10.3	10.3	10.5	14.3	
64	8.9	8.7	9.7	9.4	13.8	
65	9.3	9.1	9.5	9.6	12.8	
66	9.8	8.3	8.6	8.7	14.5	
67	10.0	10.0	10.2	10.4	13.1	
68	9.8	9.7	10.0	10.1	15.0	

Federal Communications Rules and Regulations Part 76.605
¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.
¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of
¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 1 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
1012 Walnut Reno, PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 14:43:00**	**2006-07-12 20:43:00**	**2006-07-13 02:43:00**	**2006-07-13 08:43:00**	**2006-01-13 12:07:00**	**2006-01-13 18:07:00**	**2006-01-14 00:07:00**	**2006-01-14 06:07:00**
Temp	**+32C**	**+20C**	**+19C**	**+21C**	**+19C**	**+9C**	**+3C**	**+1C**
Channel	**Visual Signal Level (dBmV)**							
2	12.9	12.8	12.9	12.9	12.7	13.3	13.3	13.4
3	12.1	12.1	12.2	12.3	11.7	12.2	12.2	12.4
4	10.3	10.6	10.8	10.8	11.2	10.9	11.1	11.3
5	9.3	9.9	9.8	9.9	11.6	12.1	12.3	11.9
6	11.6	12.4	12.5	12.2	13.8	14.4	14.4	14.2
14	9.3	9.4	9.5	9.6	10.4	11.2	11.1	11.2
15	9.6	9.6	9.8	9.8	10.1	10.8	10.8	11.0
16	9.8	9.9	10.0	10.1	9.3	9.8	9.7	9.8
17	10.8	10.7	10.9	10.8	10.4	10.9	11.0	11.1
18	10.5	10.5	10.7	10.7	10.3	11.1	11.1	11.2
20	10.3	10.2	10.5	10.6	10.0	10.6	10.6	10.7
21	9.9	10.2	10.1	10.2	10.4	11.2	11.3	11.7
22	9.3	9.4	9.8	9.8	10.3	11.0	11.1	11.2
7	8.6	8.5	8.8	8.8	9.6	10.4	10.3	10.5
8	10.3	10.3	10.6	10.6	10.5	11.4	11.4	11.5
9	9.7	9.8	10.0	10.1	9.5	10.4	10.3	10.5
10	10.4	10.5	10.6	10.7	10.2	10.8	10.8	10.9
11	11.1	11.1	11.4	11.5	11.0	11.6	11.6	11.7
12	11.1	11.4	11.5	11.5	11.1	11.9	11.9	12.0
13	10.6	10.8	11.0	10.9	11.0	12.1	12.1	12.1
23	9.6	9.9	10.1	9.9	11.0	11.9	12.0	12.0
24	11.2	11.3	11.4	11.5	11.1	11.6	11.6	11.6
25	11.4	11.2	12.0	11.3	10.8	11.3	11.2	11.3
26	9.8	10.0	10.3	10.2	10.5	11.0	10.8	10.9
27	10.5	10.6	10.8	10.8	10.6	11.0	11.0	10.9
28	10.2	10.3	10.6	10.5	10.4	11.4	11.1	11.2
29	10.2	10.2	10.6	10.6	10.3	10.9	10.7	10.8
30	9.0	9.2	9.4	9.4	10.2	10.7	10.6	10.6
31	9.9	9.9	10.2	10.2	10.2	10.6	10.5	10.6
32	11.0	11.0	11.2	11.3	11.0	11.6	11.3	11.3

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 1 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
1012 Walnut Reno, PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 14:43:00**	**2006-07-12 20:43:00**	**2006-07-13 02:43:00**	**2006-07-13 08:43:00**	**2006-01-13 12:07:00**	**2006-01-13 18:07:00**	**2006-01-14 00:07:00**	**2006-01-14 06:07:00**
Temp	**+32C**	**+20C**	**+19C**	**+21C**	**+19C**	**+9C**	**+3C**	**+1C**
Channel	**Visual Signal Level (dBmV)**							
33	9.7	9.7	10.1	10.0	9.6	10.0	9.9	10.0
34	10.0	10.0	10.3	10.3	9.7	10.4	10.2	10.3
35	9.8	10.1	10.0	10.1	9.7	10.2	10.1	10.2
36	8.4	8.8	8.9	8.8	9.7	10.2	10.1	10.2
37	9.1	9.1	9.3	9.6	9.7	10.3	10.2	10.3
38	9.3	9.3	9.6	9.6	9.8	10.5	10.3	10.4
39	9.5	9.5	9.8	9.8	9.5	10.0	9.9	9.9
40	9.5	9.9	10.0	10.3	10.7	11.0	10.3	11.1
41	8.8	9.0	9.2	9.2	9.9	10.2	10.1	10.1
42	9.5	9.7	9.8	9.9	10.1	10.7	10.6	10.7
43	8.8	9.1	9.3	9.2	9.7	10.1	10.0	10.1
44	9.1	9.4	9.5	9.5	10.0	10.4	10.2	10.3
45	9.4	9.5	9.8	9.8	9.9	10.3	10.1	10.2
46	9.4	9.5	9.7	9.7	9.5	10.0	9.8	9.8
47	8.6	8.8	9.0	9.1	9.0	9.5	9.4	9.4
48	9.4	9.6	9.8	9.8	9.2	10.0	9.8	9.8
49	10.8	10.7	11.2	10.7	10.2	10.4	10.3	9.9
50	8.3	8.4	8.8	8.4	9.4	9.7	9.6	9.6
51	8.9	9.1	9.3	9.4	9.2	9.7	9.5	9.5
52	8.9	9.1	9.2	9.2	10.1	10.7	10.4	10.4
53	9.0	9.1	9.2	9.2	9.0	9.3	9.0	9.1
54	9.6	9.7	10.0	10.1	9.6	10.4	10.2	10.2
55	10.0	10.2	10.2	10.3	9.6	10.4	10.1	10.1
56	10.2	10.3	10.5	10.5	9.5	10.3	10.0	10.0
57	10.0	10.0	10.2	10.3	9.5	10.1	9.8	9.8
58	9.6	9.7	9.9	10.1	9.2	9.8	9.6	9.7
59	9.9	10.0	10.2	10.3	9.1	9.7	9.5	9.4
60	10.0	9.8	10.1	10.2	9.3	9.8	9.6	9.5
61	10.7	10.7	10.8	10.9	9.5	9.9	9.7	9.6
62	9.9	10.3	9.9	9.6	9.7	10.4	10.2	10.2

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 1 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
1012 Walnut Reno, PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 14:43:00**	**2006-07-12 20:43:00**	**2006-07-13 02:43:00**	**2006-07-13 08:43:00**	**2006-01-13 12:07:00**	**2006-01-13 18:07:00**	**2006-01-14 00:07:00**	**2006-01-14 06:07:00**
Temp	**+32C**	**+20C**	**+19C**	**+21C**	**+19C**	**+9C**	**+3C**	**+1C**
Channel	**Visual Signal Level (dBmV)**							
63	10.0	10.3	10.3	10.5	9.2	9.3	9.7	9.6
64	8.9	8.7	9.7	9.4	5.8	7.4	8.3	8.2
65	9.3	9.1	9.5	9.6	8.0	9.1	9.5	9.5
66	9.8	8.3	8.6	8.7	7.1	7.6	6.3	7.8
67	10.0	10.0	10.2	10.4	9.0	9.5	8.1	8.9
68	9.8	9.7	10.0	10.1	9.4	10.0	9.5	8.1

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 1 Frequency and Distortion Test Results

FCC Proof of Performance Public File for Time Warner Franklin
1012 Walnut Reno, PA 16323
Summer Test Cycle 2006

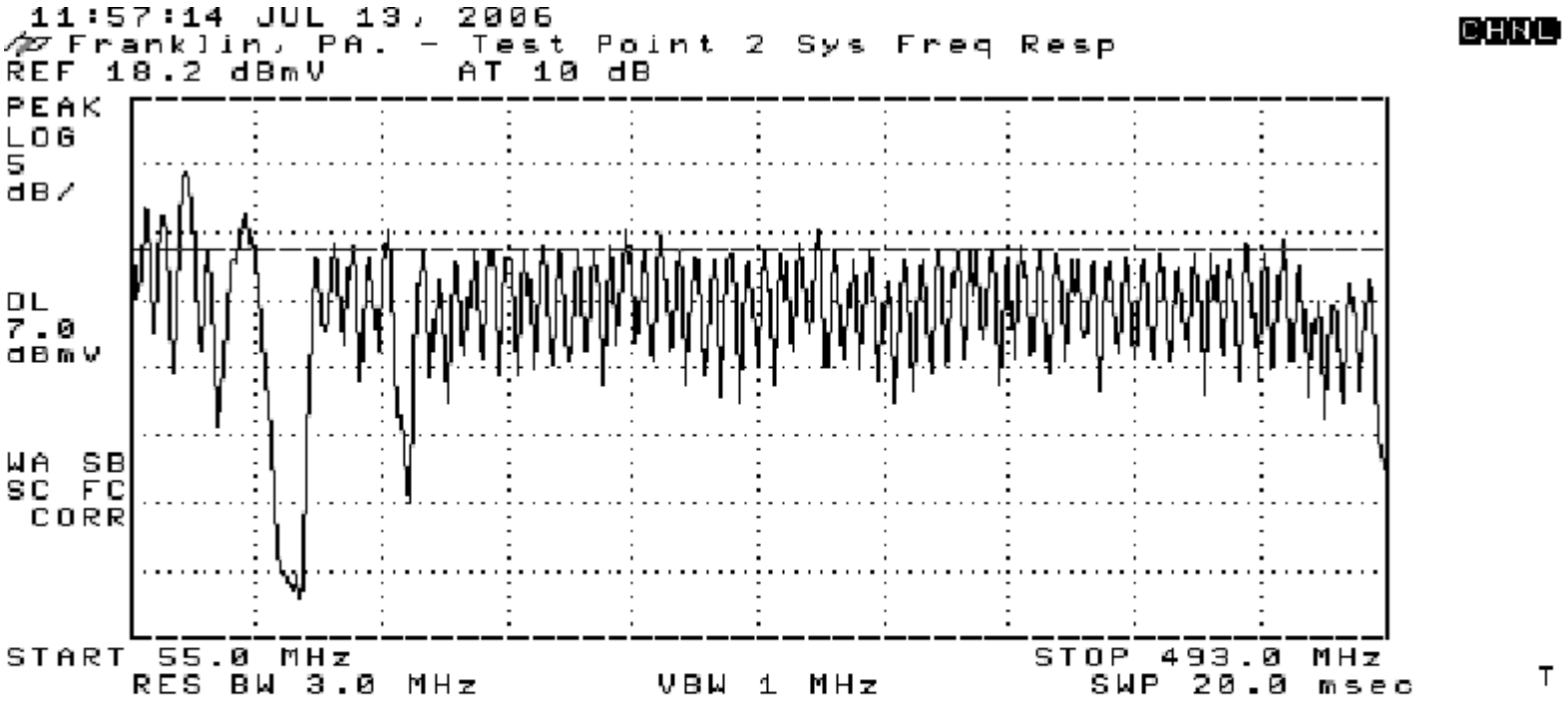
Low Frequency Disturbance (Hum) on Channel 3 is 2.13 Percent.

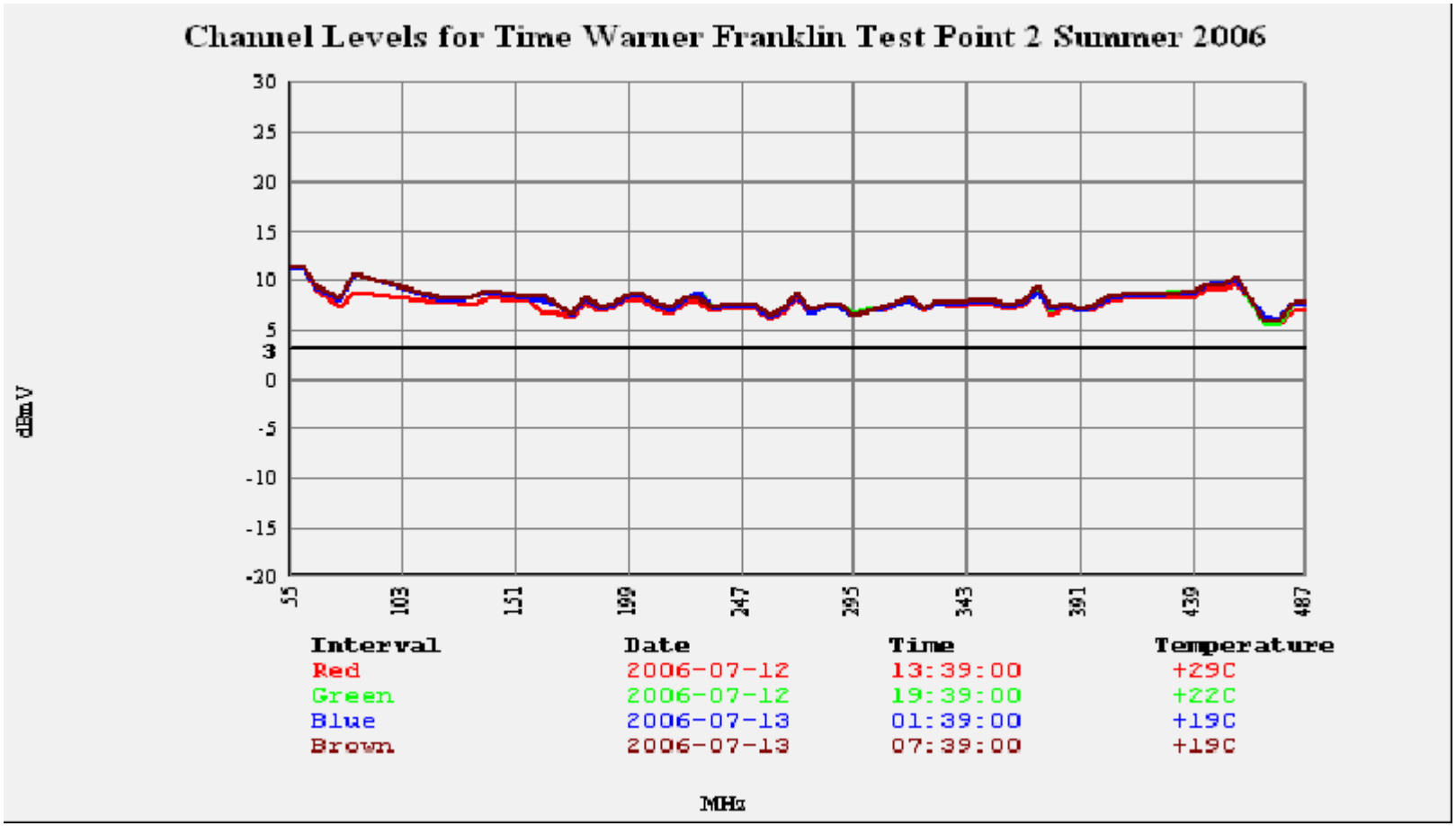
Channels Tested	A/V Separation Frequency (MHz)	In Channel Response (dB)	Carrier to Noise (dBc)	Composite Triple Beat (dBc)	Coherent Disturbances (dBc)
18	4.499947	1.7	48.9	67.0	73.3
13	4.500018	0.7	49.0	63.8	70.3
23	4.500014	0.8	47.4	65.6	67.5
28	4.499899	0.9	48.1	64.7	70.0
31	4.500011	0.8	49.4	65.9	68.7
43	4.500001	0.7	49.1	68.5	71.5
48	4.499870	2.2	49.3	64.1	74.0
52	4.500017	0.4	49.0	67.2	72.9
62	4.500016	1.7	48.3	65.9	65.1

Federal Communications Rules and Regulations Part 76.605
¶(10) (Low Frequency Disturbance) The peak-to-peak variation in visual signal level caused by undesired low frequency disturbances or by inadequate low frequency response, shall not exceed 3 percent of the visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.
¶(6) (In Channel Response) The amplitude characteristics shall be within a range of ± 2 dB from 0.75 MHz to 5 MHz above the lower boundary frequency of the cable television channel.
¶(7) (Carrier to Noise) The ratio of the RF visual signal level to system noise shall be as follows: §(iii) As of June 30, 1995, shall not be less then 43 dB.
¶(8) §(i) (Composite Triple Beat and Composite Second Order) The ratio of visual signal level to coherent disturbances shall not be less then 51 dB for noncoherent channel cable television systems. §(ii) The ratio of visual signal level to coherent disturbances which are frequency-coincident with the visual carrier shall not be less than 47 dB for coherent cable channel systems.

Test Point 2 Compliance Report

FCC Proof of Performance Public File for Time Warner Franklin Keely Rd. Franklin , PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
Minimum Visual Signal Level After a 100' Drop	100%
Visual Signal Level Six-month Interval	100%
Visual Signal Level Six-MHz Separation	100%
Visual Signal Level All-Channel Separation	100%
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Overall Test Point Compliance Ratio	100%


11:57:14 JUL 13, 2006
Franklin, PA. - Test Point 2 Sys Freq Resp
CHNL
REF 18.2 dBmV
AT 10 dB
PEAK
LOG
5
dB/
DL
7.0
dBmv
WA SB
SC FC
CORR
START 55.0 MHz
STOP 493.0 MHz
RES BW 3.0 MHz
VBW 1 MHz
SWP 20.0 msec
T


Channel Levels for Time Warner Franklin Test Point 2 Summer 2006
dBmV
30
25
20
15
10
5
3
0
-5
-10
-15
-20
55
103
151
199
247
295
343
391
439
487
MHz
Interval
Date
Time
Temperature
Red
2006-07-12
13:39:00
+29C
Green
2006-07-12
19:39:00
+22C
Blue
2006-07-13
01:39:00
+19C
Brown
2006-07-13
07:39:00
+19C

Test Point 2 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Keely Rd. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 13:39:00	2006-07-12 19:39:00	2006-07-13 01:39:00	2006-07-13 07:39:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+29C	+22C	+19C	+19C		
Channel	Visual Signal Level dBmV					
2	11.1	11.4	11.2	11.4	13.9	
3	11.3	11.5	11.4	11.5	14.1	
4	9.1	9.4	9.3	9.4	13.7	
5	7.4	8.1	8.0	8.1	12.4	
6	8.9	10.6	10.7	10.7	13.5	
14	7.8	8.1	7.9	8.1	13.1	
15	7.7	8.1	7.9	8.1	14.0	
16	7.6	8.3	8.3	8.4	13.5	
17	8.2	9.0	8.9	9.0	14.4	
18	8.2	8.6	8.5	8.7	14.4	
20	8.0	8.3	8.2	8.4	14.3	
21	6.7	8.0	8.0	8.5	16.3	
22	6.7	7.6	7.5	7.6	14.3	
7	6.3	6.6	6.5	6.7	14.3	
8	7.7	8.2	8.1	8.4	14.0	
9	6.8	7.2	7.1	7.3	13.3	
10	7.3	7.7	7.5	7.7	13.9	
11	8.1	8.5	8.4	8.6	14.3	
12	8.0	8.5	8.3	8.6	13.6	
13	7.2	7.6	7.5	7.7	14.3	
23	6.6	7.1	7.0	7.3	13.3	
24	7.8	8.2	8.2	8.3	14.6	
25	7.8	8.9	8.7	8.2	13.1	
26	7.0	7.3	7.2	7.3	13.6	
27	7.3	7.8	7.6	7.7	14.0	
28	7.1	7.4	7.3	7.5	14.3	
29	7.2	7.5	7.4	7.5	13.6	
30	6.1	6.4	6.2	6.4	13.9	
31	7.0	7.3	7.2	7.3	14.0	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 2 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Keely Rd. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 13:39:00	2006-07-12 19:39:00	2006-07-13 01:39:00	2006-07-13 07:39:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+29C	+22C	+19C	+19C		
Channel	Visual Signal Level dBmV					
32	8.2	8.6	8.5	8.8	13.9	
33	6.7	7.0	6.6	7.2	13.8	
34	7.4	7.6	7.4	7.6	14.2	
35	7.4	7.7	7.4	7.8	14.0	
36	6.5	6.6	6.5	6.5	13.7	
37	6.8	7.1	6.9	7.0	14.2	
38	7.0	7.3	7.1	7.3	14.0	
39	7.5	7.8	7.6	7.8	14.3	
40	7.9	8.3	7.9	8.3	14.1	
41	6.9	7.2	7.1	7.2	14.3	
42	7.7	7.8	7.7	7.9	13.8	
43	7.4	7.7	7.5	7.7	14.2	
44	7.5	7.9	7.7	7.9	14.8	
45	7.5	7.9	7.8	7.9	14.7	
46	7.6	7.9	7.7	7.9	14.8	
47	7.2	7.5	7.3	7.5	14.1	
48	7.6	7.9	7.8	8.0	14.1	
49	8.8	9.1	8.8	9.4	14.0	
50	6.5	7.0	7.2	7.4	14.2	
51	7.4	7.8	7.6	7.7	14.4	
52	6.8	7.2	7.0	7.1	14.1	
53	7.1	7.4	7.3	7.6	13.7	
54	7.9	8.2	8.1	8.3	14.7	
55	8.1	8.5	8.3	8.5	14.5	
56	8.4	8.8	8.6	8.8	14.4	
57	8.1	8.5	8.3	8.5	14.8	
58	8.2	8.7	8.5	8.6	14.7	
59	8.3	8.8	8.7	8.9	15.1	
60	8.2	8.6	8.6	8.8	14.3	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 2 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Keely Rd. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 13:39:00	2006-07-12 19:39:00	2006-07-13 01:39:00	2006-07-13 07:39:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+29C	+22C	+19C	+19C		
Channel	Visual Signal Level dBmV					
61	9.2	9.6	9.6	9.7	13.7	
62	9.1	9.4	9.6	9.5	14.2	
63	9.6	10.2	10.1	10.5	16.6	
64	8.1	8.0	8.2	8.2	13.7	
65	5.7	5.6	6.5	5.9	12.4	
66	5.4	5.4	6.1	5.9	12.9	
67	7.0	7.5	7.7	7.8	13.4	
68	6.9	7.5	7.6	7.7	15.0	

Federal Communications Rules and Regulations Part 76.605
¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.
¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of
¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 2 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Keely Rd. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 13:39:00**	**2006-07-12 19:39:00**	**2006-07-13 01:39:00**	**2006-07-13 07:39:00**	**2006-01-13 13:04:00**	**2006-01-13 19:04:00**	**2006-01-14 01:04:00**	**2006-01-14 07:04:00**
Temp	**+29C**	**+22C**	**+19C**	**+19C**	**+15C**	**+7C**	**+4C**	**-0C**
Channel	**Visual Signal Level (dBmV)**							
2	11.1	11.4	11.2	11.4	12.0	12.7	13.0	13.1
3	11.3	11.5	11.4	11.5	12.1	12.6	12.8	13.0
4	9.1	9.4	9.3	9.4	10.7	10.5	10.9	11.2
5	7.4	8.1	8.0	8.1	10.7	11.5	11.9	11.6
6	8.9	10.6	10.7	10.7	12.8	13.8	14.2	13.9
14	7.8	8.1	7.9	8.1	9.6	10.3	10.6	10.7
15	7.7	8.1	7.9	8.1	9.5	10.1	10.4	10.5
16	7.6	8.3	8.3	8.4	8.6	8.9	9.2	9.3
17	8.2	9.0	8.9	9.0	9.5	9.9	10.1	10.6
18	8.2	8.6	8.5	8.7	9.6	10.3	10.5	10.7
20	8.0	8.3	8.2	8.4	9.4	10.0	10.2	10.3
21	6.7	8.0	8.0	8.5	9.8	10.5	10.9	11.1
22	6.7	7.6	7.5	7.6	9.4	10.2	10.4	10.6
7	6.3	6.6	6.5	6.7	8.9	9.3	9.7	9.7
8	7.7	8.2	8.1	8.4	9.8	10.4	10.7	10.9
9	6.8	7.2	7.1	7.3	8.2	8.8	9.1	9.2
10	7.3	7.7	7.5	7.7	8.9	9.3	9.6	9.9
11	8.1	8.5	8.4	8.6	10.0	10.4	10.7	10.9
12	8.0	8.5	8.3	8.6	10.2	10.7	11.0	11.2
13	7.2	7.6	7.5	7.7	9.6	10.5	10.7	10.9
23	6.6	7.1	7.0	7.3	10.3	11.0	11.3	11.7
24	7.8	8.2	8.2	8.3	9.9	10.2	10.5	10.8
25	7.8	8.9	8.7	8.2	9.7	9.8	10.2	11.1
26	7.0	7.3	7.2	7.3	9.4	9.8	10.0	10.3
27	7.3	7.8	7.6	7.7	9.5	9.6	9.8	10.4
28	7.1	7.4	7.3	7.5	9.1	9.9	10.1	10.2
29	7.2	7.5	7.4	7.5	9.1	9.6	9.8	10.0
30	6.1	6.4	6.2	6.4	9.0	9.4	9.7	9.9
31	7.0	7.3	7.2	7.3	9.3	9.5	9.7	10.2
32	8.2	8.6	8.5	8.8	10.0	10.4	10.6	11.1

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 2 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Keely Rd. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 13:39:00**	**2006-07-12 19:39:00**	**2006-07-13 01:39:00**	**2006-07-13 07:39:00**	**2006-01-13 13:04:00**	**2006-01-13 19:04:00**	**2006-01-14 01:04:00**	**2006-01-14 07:04:00**
Temp	**+29C**	**+22C**	**+19C**	**+19C**	**+15C**	**+7C**	**+4C**	**-0C**
Channel	**Visual Signal Level (dBmV)**							
33	6.7	7.0	6.6	7.2	8.5	9.1	9.3	9.4
34	7.4	7.6	7.4	7.6	9.0	9.7	10.0	10.2
35	7.4	7.7	7.4	7.8	9.0	9.8	9.8	10.1
36	6.5	6.6	6.5	6.5	9.1	9.8	10.1	10.3
37	6.8	7.1	6.9	7.0	9.4	9.9	10.2	10.5
38	7.0	7.3	7.1	7.3	9.5	10.2	10.4	10.5
39	7.5	7.8	7.6	7.8	9.3	9.9	10.0	10.2
40	7.9	8.3	7.9	8.3	10.5	11.1	11.2	11.6
41	6.9	7.2	7.1	7.2	9.5	9.9	10.1	10.4
42	7.7	7.8	7.7	7.9	10.2	10.8	11.0	11.2
43	7.4	7.7	7.5	7.7	9.7	10.1	10.5	10.5
44	7.5	7.9	7.7	7.9	10.0	10.5	10.7	11.0
45	7.5	7.9	7.8	7.9	9.8	10.2	10.4	10.7
46	7.6	7.9	7.7	7.9	9.7	10.0	10.2	10.6
47	7.2	7.5	7.3	7.5	9.3	9.7	9.9	10.2
48	7.6	7.9	7.8	8.0	9.2	10.1	10.2	10.4
49	8.8	9.1	8.8	9.4	9.6	10.1	10.2	10.4
50	6.5	7.0	7.2	7.4	9.6	9.8	10.2	10.3
51	7.4	7.8	7.6	7.7	9.4	9.8	10.1	10.2
52	6.8	7.2	7.0	7.1	9.9	10.3	10.6	10.8
53	7.1	7.4	7.3	7.6	8.9	9.1	9.4	9.5
54	7.9	8.2	8.1	8.3	9.7	10.5	10.8	10.9
55	8.1	8.5	8.3	8.5	10.0	10.6	10.9	11.0
56	8.4	8.8	8.6	8.8	9.9	10.6	10.8	10.8
57	8.1	8.5	8.3	8.5	10.0	10.6	10.8	10.8
58	8.2	8.7	8.5	8.6	9.7	10.3	10.5	10.6
59	8.3	8.8	8.7	8.9	9.5	10.1	10.3	10.4
60	8.2	8.6	8.6	8.8	9.4	9.9	10.2	10.3
61	9.2	9.6	9.6	9.7	10.0	10.4	10.5	10.6
62	9.1	9.4	9.6	9.5	10.2	10.8	11.0	11.1

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 2 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Keely Rd. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 13:39:00**	**2006-07-12 19:39:00**	**2006-07-13 01:39:00**	**2006-07-13 07:39:00**	**2006-01-13 13:04:00**	**2006-01-13 19:04:00**	**2006-01-14 01:04:00**	**2006-01-14 07:04:00**
Temp	**+29C**	**+22C**	**+19C**	**+19C**	**+15C**	**+7C**	**+4C**	**-0C**
Channel	**Visual Signal Level (dBmV)**							
63	9.6	10.2	10.1	10.5	10.4	10.6	10.9	11.0
64	8.1	8.0	8.2	8.2	7.7	8.8	8.9	9.0
65	5.7	5.6	6.5	5.9	9.7	10.3	10.4	10.4
66	5.4	5.4	6.1	5.9	8.4	8.7	8.7	8.7
67	7.0	7.5	7.7	7.8	7.3	10.7	10.1	10.2
68	6.9	7.5	7.6	7.7	7.2	10.4	11.2	11.2

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

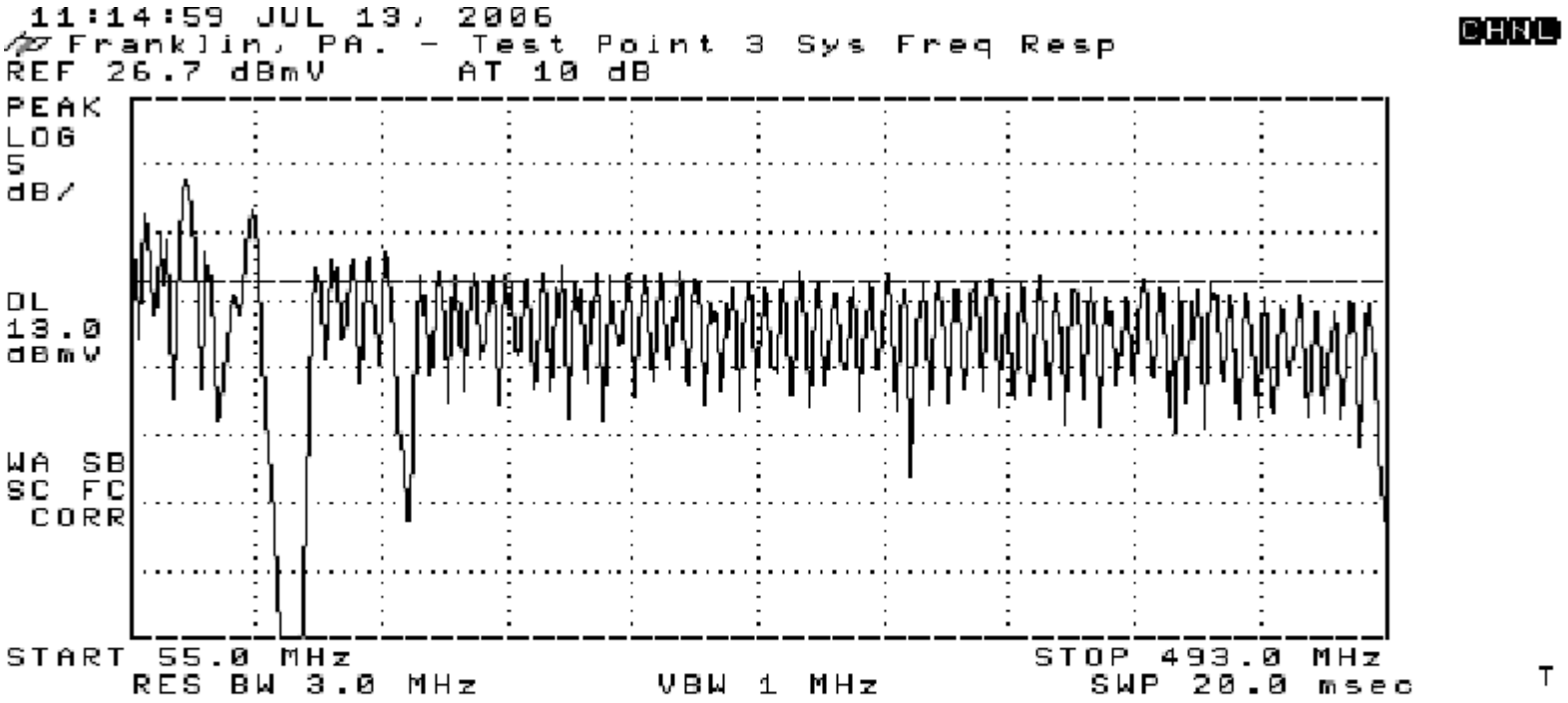
Test Point 2 Frequency and Distortion Test Results

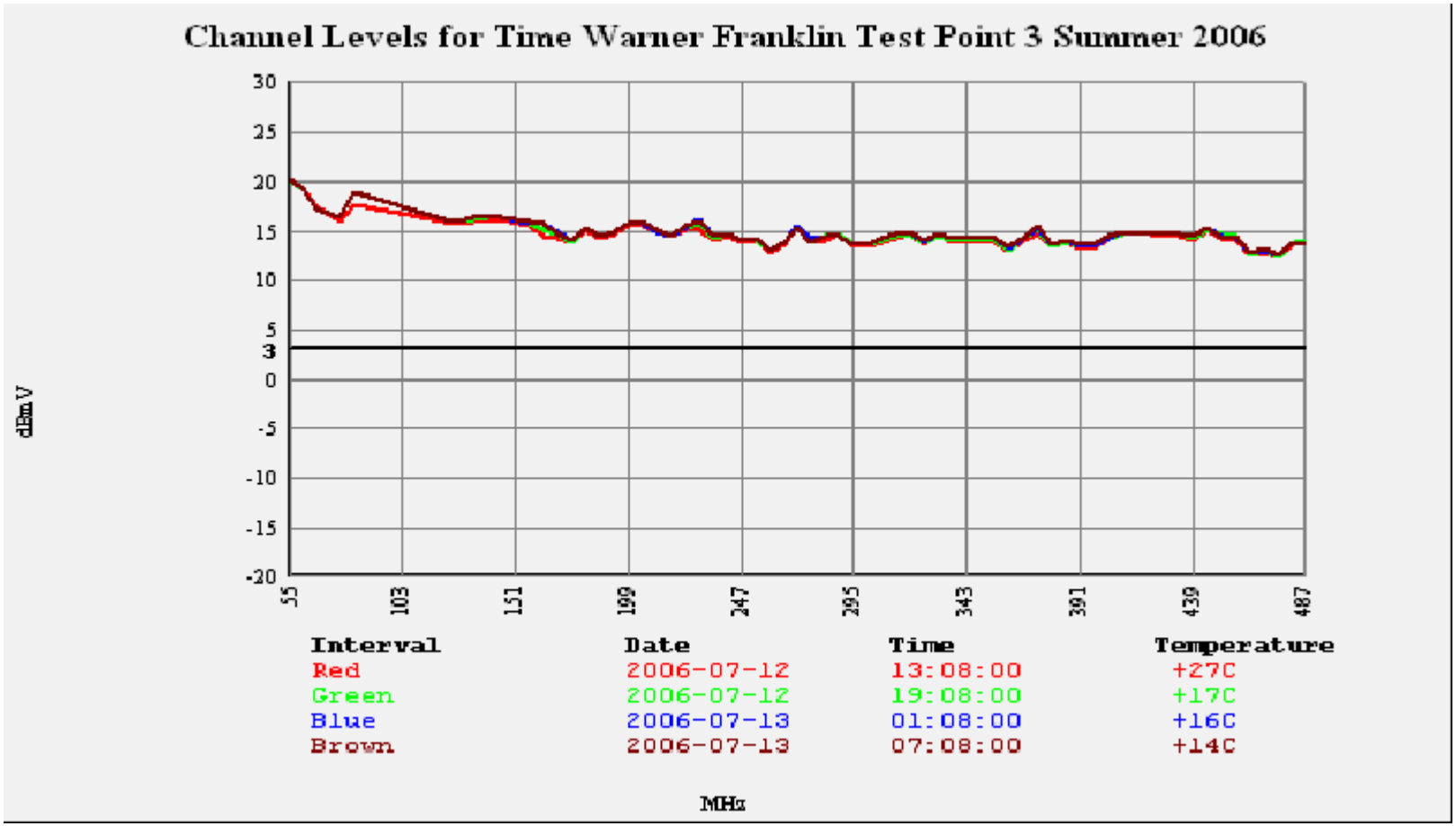
FCC Proof of Performance Public File for Time Warner Franklin Keely Rd. Franklin , PA 16323 Summer Test Cycle 2006					
Low Frequency Disturbance (Hum) on Channel 3 is 0.88 Percent.					
Channels Tested	**A/V Separation Frequency (MHz)**	**In Channel Response (dB)**	**Carrier to Noise (dBc)**	**Composite Triple Beat (dBc)**	**Coherent Disturbances (dBc)**
18	4.499947	1.5	49.2	68.2	67.7
13	4.500018	0.8	47.7	66.8	67.6
23	4.500014	0.5	46.9	67.3	76.6
28	4.499899	1.2	47.6	65.1	66.8
31	4.500011	1.0	48.0	66.9	65.8
43	4.500001	0.9	48.5	68.4	70.6
48	4.499870	2.2	49.2	61.0	67.3
52	4.500017	1.1	47.6	65.3	68.4
62	4.500016	1.1	46.9	66.8	65.4

Federal Communications Rules and Regulations Part 76.605
¶(10) (Low Frequency Disturbance) The peak-to-peak variation in visual signal level caused by undesired low frequency disturbances or by inadequate low frequency response, shall not exceed 3 percent of the visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.
¶(6) (In Channel Response) The amplitude characteristics shall be within a range of ± 2 dB from 0.75 MHz to 5 MHz above the lower boundary frequency of the cable television channel.
¶(7) (Carrier to Noise) The ratio of the RF visual signal level to system noise shall be as follows: §(iii) As of June 30, 1995, shall not be less then 43 dB.
¶(8) §(i) (Composite Triple Beat and Composite Second Order) The ratio of visual signal level to coherent disturbances shall not be less then 51 dB for noncoherent channel cable television systems. §(ii) The ratio of visual signal level to coherent disturbances which are frequency-coincident with the visual carrier shall not be less than 47 dB for coherent cable channel systems.

Test Point 3 Compliance Report

FCC Proof of Performance Public File for Time Warner Franklin Cooperstown Rd. Franklin , PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
Minimum Visual Signal Level After a 100' Drop	100%
Visual Signal Level Six-month Interval	100%
Visual Signal Level Six-MHz Separation	100%
Visual Signal Level All-Channel Separation	100%
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Overall Test Point Compliance Ratio	100%


11:14:59 JUL 13, 2006
Franklin, PA. - Test Point 3 Sys Freq Resp
CHNL
REF 26.7 dBmV
AT 10 dB
PEAK
LOG
5
dB/
DL
13.0
dBmV
WA SB
SC FC
CORR
START 55.0 MHz
STOP 493.0 MHz
RES BW 3.0 MHz
VBW 1 MHz
SWP 20.0 msec
T


Channel Levels for Time Warner Franklin Test Point 3 Summer 2006
dBmV
30
25
20
15
10
5
3
0
-5
-10
-15
-20
55
103
151
199
247
295
343
391
439
487
MHz
Interval
Red
Green
Blue
Brown
Date
2006-07-12
2006-07-12
2006-07-13
2006-07-13
Time
13:08:00
19:08:00
01:08:00
07:08:00
Temperature
+27C
+17C
+16C
+14C

Test Point 3 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Cooperstown Rd. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 13:08:00	2006-07-12 19:08:00	2006-07-13 01:08:00	2006-07-13 07:08:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+27C	+17C	+16C	+14C		
Channel	Visual Signal Level dBmV					
2	20.0	20.0	20.1	20.1	14.9	
3	19.3	19.4	19.4	19.4	13.8	
4	17.4	17.3	17.3	17.3	13.4	
5	15.9	16.3	16.4	16.3	12.7	
6	17.6	18.9	19.0	18.9	13.7	
14	15.9	16.1	16.1	16.1	13.7	
15	15.7	16.0	16.0	16.0	14.2	
16	16.0	16.2	16.3	16.4	14.2	
17	16.0	16.4	16.5	16.6	14.3	
18	16.2	16.3	16.3	16.3	14.6	
20	15.6	15.7	15.8	15.9	14.0	
21	14.5	15.2	15.7	15.7	16.1	
22	14.2	14.8	14.9	14.8	14.4	
7	13.9	13.9	14.0	14.1	14.1	
8	15.2	15.3	15.4	15.4	13.9	
9	14.3	14.4	14.5	14.5	13.5	
10	14.8	15.0	15.0	15.0	13.9	
11	15.6	15.7	15.8	15.8	14.2	
12	15.6	15.8	15.8	16.0	13.6	
13	14.9	14.9	15.0	15.1	14.5	
23	14.4	14.4	14.5	14.4	13.6	
24	15.2	15.4	15.4	15.5	14.8	
25	15.1	15.8	16.1	15.9	13.3	
26	14.1	14.3	14.4	14.4	13.4	
27	14.4	14.6	14.6	14.8	14.2	
28	13.8	14.0	14.1	14.1	14.0	
29	14.0	14.1	14.2	14.3	13.3	
30	12.8	13.0	13.1	13.1	13.6	
31	13.7	13.8	13.9	13.9	14.2	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 3 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Cooperstown Rd. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 13:08:00	2006-07-12 19:08:00	2006-07-13 01:08:00	2006-07-13 07:08:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+27C	+17C	+16C	+14C		
Channel	Visual Signal Level dBmV					
32	15.3	15.4	15.6	15.4	13.3	
33	13.8	13.9	14.2	13.8	14.4	
34	14.1	14.4	14.4	14.5	13.9	
35	14.6	14.7	14.4	14.5	14.1	
36	13.4	13.6	13.7	13.6	13.8	
37	13.5	13.7	13.7	13.7	14.2	
38	13.9	14.0	14.2	14.3	14.0	
39	14.3	14.4	14.6	14.7	14.2	
40	14.8	14.7	15.0	15.0	14.5	
41	13.6	13.8	13.9	14.0	13.9	
42	14.6	14.5	14.6	14.6	14.1	
43	13.9	14.0	14.3	14.3	14.5	
44	14.0	14.1	14.2	14.3	15.0	
45	13.9	14.1	14.2	14.2	14.5	
46	13.9	14.1	14.3	14.3	14.9	
47	13.1	13.1	13.3	13.4	13.5	
48	14.1	14.2	14.3	14.3	14.3	
49	14.6	15.2	15.4	15.5	13.7	
50	13.4	13.5	13.7	13.6	14.9	
51	13.8	13.9	14.1	14.1	14.3	
52	13.2	13.4	13.4	13.6	14.2	
53	13.2	13.4	13.4	13.6	13.4	
54	14.2	14.2	14.3	14.4	14.5	
55	14.7	14.8	15.0	15.0	14.5	
56	14.6	14.7	14.8	14.8	14.1	
57	14.6	14.6	14.7	14.7	14.6	
58	14.5	14.6	14.7	14.7	14.4	
59	14.4	14.6	14.6	14.6	14.9	
60	14.1	14.3	14.4	14.4	14.0	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 3 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin Cooperstown Rd. Franklin , PA 16323 Summer Test Cycle 2006						
Testing Sequence	**One**	**Two**	**Three**	**Four**	**A/V Separation Delta dB**	**Technical Standards 76.605**
Date Time	**2006-07-12 13:08:00**	**2006-07-12 19:08:00**	**2006-07-13 01:08:00**	**2006-07-13 07:08:00**		**#1 Min. Level 100' Drop** **#2 6 MHz Separation** **#3 All Channel Separation Low** **#4 All Channel Separation High** **#5 A/V Separations Delta**
Temp	**+27C**	**+17C**	**+16C**	**+14C**		
Channel	**Visual Signal Level dBmV**					
61	15.1	15.2	15.4	15.4	14.1	
62	14.3	14.8	14.4	14.3	15.3	
63	14.1	14.4	14.3	14.4	14.6	
64	12.6	12.6	12.8	12.8	13.7	
65	12.8	13.0	13.1	13.2	11.4	
66	12.4	12.4	12.6	12.6	13.4	
67	13.7	13.8	13.9	13.9	13.2	
68	13.6	13.8	13.7	13.7	14.9	

Federal Communications Rules and Regulations Part 76.605
¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.
¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of
¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 3 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Cooperstown Rd. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 13:08:00**	**2006-07-12 19:08:00**	**2006-07-13 01:08:00**	**2006-07-13 07:08:00**	**2006-01-13 13:22:00**	**2006-01-13 19:22:00**	**2006-01-14 01:22:00**	**2006-01-14 07:22:00**
Temp	**+27C**	**+17C**	**+16C**	**+14C**	**+16C**	**+8C**	**+5C**	**+2C**
Channel	**Visual Signal Level (dBmV)**							
2	20.0	20.0	20.1	20.1	20.0	21.0	21.1	21.4
3	19.3	19.4	19.4	19.4	19.0	19.7	19.8	20.1
4	17.4	17.3	17.3	17.3	17.5	17.7	17.9	18.5
5	15.9	16.3	16.4	16.3	18.2	19.1	19.4	19.2
6	17.6	18.9	19.0	18.9	20.6	21.5	21.8	21.4
14	15.9	16.1	16.1	16.1	16.3	17.2	17.3	17.6
15	15.7	16.0	16.0	16.0	15.9	16.8	16.8	17.3
16	16.0	16.2	16.3	16.4	15.1	16.0	16.0	16.5
17	16.0	16.4	16.5	16.6	15.8	16.7	16.8	17.4
18	16.2	16.3	16.3	16.3	16.1	16.9	17.0	17.4
20	15.6	15.7	15.8	15.9	15.7	16.6	16.6	17.0
21	14.5	15.2	15.7	15.7	15.8	16.8	17.0	17.8
22	14.2	14.8	14.9	14.8	15.4	16.4	16.5	17.0
7	13.9	13.9	14.0	14.1	15.0	15.8	15.9	16.5
8	15.2	15.3	15.4	15.4	15.9	16.7	16.7	17.2
9	14.3	14.4	14.5	14.5	14.3	15.0	14.9	15.4
10	14.8	15.0	15.0	15.0	15.1	16.0	16.0	16.5
11	15.6	15.7	15.8	15.8	16.2	16.9	17.0	17.4
12	15.6	15.8	15.8	16.0	16.3	16.9	16.9	17.4
13	14.9	14.9	15.0	15.1	15.9	17.1	16.9	17.4
23	14.4	14.4	14.5	14.4	16.2	17.3	17.4	18.0
24	15.2	15.4	15.4	15.5	15.8	16.3	16.4	17.0
25	15.1	15.8	16.1	15.9	15.3	16.0	16.2	17.3
26	14.1	14.3	14.4	14.4	15.4	16.1	16.1	16.6
27	14.4	14.6	14.6	14.8	15.0	15.6	15.8	16.4
28	13.8	14.0	14.1	14.1	14.6	15.4	15.3	15.7
29	14.0	14.1	14.2	14.3	14.5	15.2	15.3	15.9
30	12.8	13.0	13.1	13.1	14.4	15.0	15.2	15.7
31	13.7	13.8	13.9	13.9	14.3	14.8	14.8	15.5
32	15.3	15.4	15.6	15.4	15.3	16.0	16.1	16.8

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 3 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Cooperstown Rd. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 13:08:00**	**2006-07-12 19:08:00**	**2006-07-13 01:08:00**	**2006-07-13 07:08:00**	**2006-01-13 13:22:00**	**2006-01-13 19:22:00**	**2006-01-14 01:22:00**	**2006-01-14 07:22:00**
Temp	**+27C**	**+17C**	**+16C**	**+14C**	**+16C**	**+8C**	**+5C**	**+2C**
Channel	**Visual Signal Level (dBmV)**							
33	13.8	13.9	14.2	13.8	14.1	14.7	14.8	15.3
34	14.1	14.4	14.4	14.5	14.4	15.0	15.0	15.5
35	14.6	14.7	14.4	14.5	14.6	15.2	15.2	15.8
36	13.4	13.6	13.7	13.6	14.9	15.7	15.8	16.4
37	13.5	13.7	13.7	13.7	14.7	15.6	15.5	16.1
38	13.9	14.0	14.2	14.3	15.0	15.6	15.5	16.1
39	14.3	14.4	14.6	14.7	14.7	15.5	15.7	16.2
40	14.8	14.7	15.0	15.0	16.0	16.7	16.9	17.4
41	13.6	13.8	13.9	14.0	14.9	15.4	15.4	16.0
42	14.6	14.5	14.6	14.6	15.7	16.4	16.4	17.0
43	13.9	14.0	14.3	14.3	14.8	15.6	15.7	16.3
44	14.0	14.1	14.2	14.3	14.9	15.4	15.5	16.0
45	13.9	14.1	14.2	14.2	14.5	15.2	15.1	15.8
46	13.9	14.1	14.3	14.3	14.3	15.1	15.1	15.8
47	13.1	13.1	13.3	13.4	13.6	14.5	14.4	14.9
48	14.1	14.2	14.3	14.3	14.1	14.8	14.8	15.4
49	14.6	15.2	15.4	15.5	14.8	15.0	15.1	15.7
50	13.4	13.5	13.7	13.6	14.3	14.9	15.0	15.6
51	13.8	13.9	14.1	14.1	14.2	14.8	14.7	15.3
52	13.2	13.4	13.4	13.6	14.6	15.3	15.5	16.0
53	13.2	13.4	13.4	13.6	13.3	14.1	14.0	14.7
54	14.2	14.2	14.3	14.4	14.3	15.3	15.3	15.8
55	14.7	14.8	15.0	15.0	14.8	15.8	15.7	16.3
56	14.6	14.7	14.8	14.8	14.4	15.5	15.4	16.0
57	14.6	14.6	14.7	14.7	14.8	15.7	15.5	15.9
58	14.5	14.6	14.7	14.7	14.5	15.2	15.1	15.6
59	14.4	14.6	14.6	14.6	14.1	15.1	15.0	15.5
60	14.1	14.3	14.4	14.4	14.3	15.4	15.2	15.5
61	15.1	15.2	15.4	15.4	14.8	15.2	15.3	15.4
62	14.3	14.8	14.4	14.3	14.2	14.9	15.6	16.1

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 3 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Cooperstown Rd. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 13:08:00**	**2006-07-12 19:08:00**	**2006-07-13 01:08:00**	**2006-07-13 07:08:00**	**2006-01-13 13:22:00**	**2006-01-13 19:22:00**	**2006-01-14 01:22:00**	**2006-01-14 07:22:00**
Temp	**+27C**	**+17C**	**+16C**	**+14C**	**+16C**	**+8C**	**+5C**	**+2C**
Channel	**Visual Signal Level (dBmV)**							
63	14.1	14.4	14.3	14.4	14.0	15.0	14.7	16.2
64	12.6	12.6	12.8	12.8	11.1	12.8	12.6	13.9
65	12.8	13.0	13.1	13.2	13.0	14.1	13.9	15.0
66	12.4	12.4	12.6	12.6	12.2	13.3	13.3	14.2
67	13.7	13.8	13.9	13.9	14.2	14.9	14.3	15.0
68	13.6	13.8	13.7	13.7	14.6	15.3	15.3	16.1

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 3 Frequency and Distortion Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Cooperstown Rd. Franklin , PA 16323
Summer Test Cycle 2006

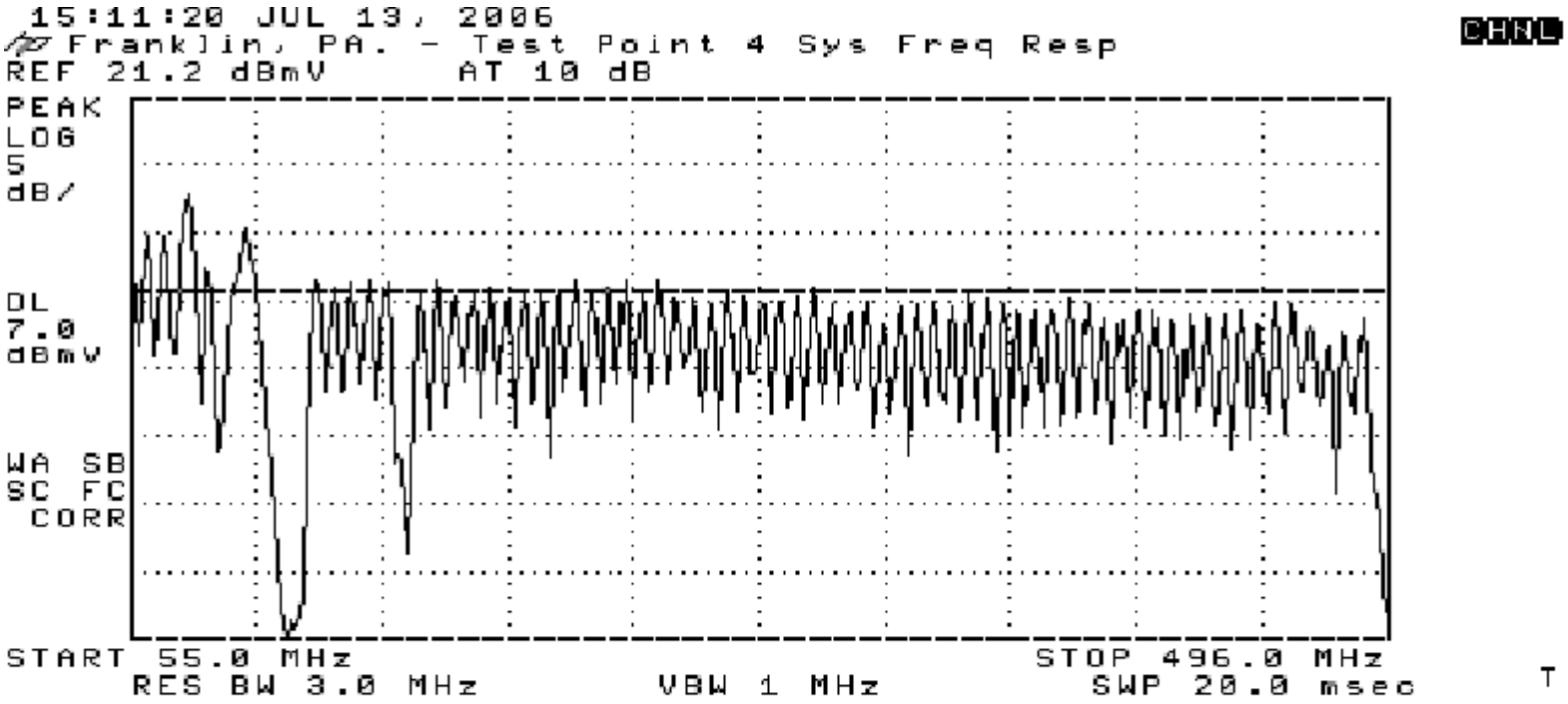
Low Frequency Disturbance (Hum) on Channel 3 is 1.14 Percent.

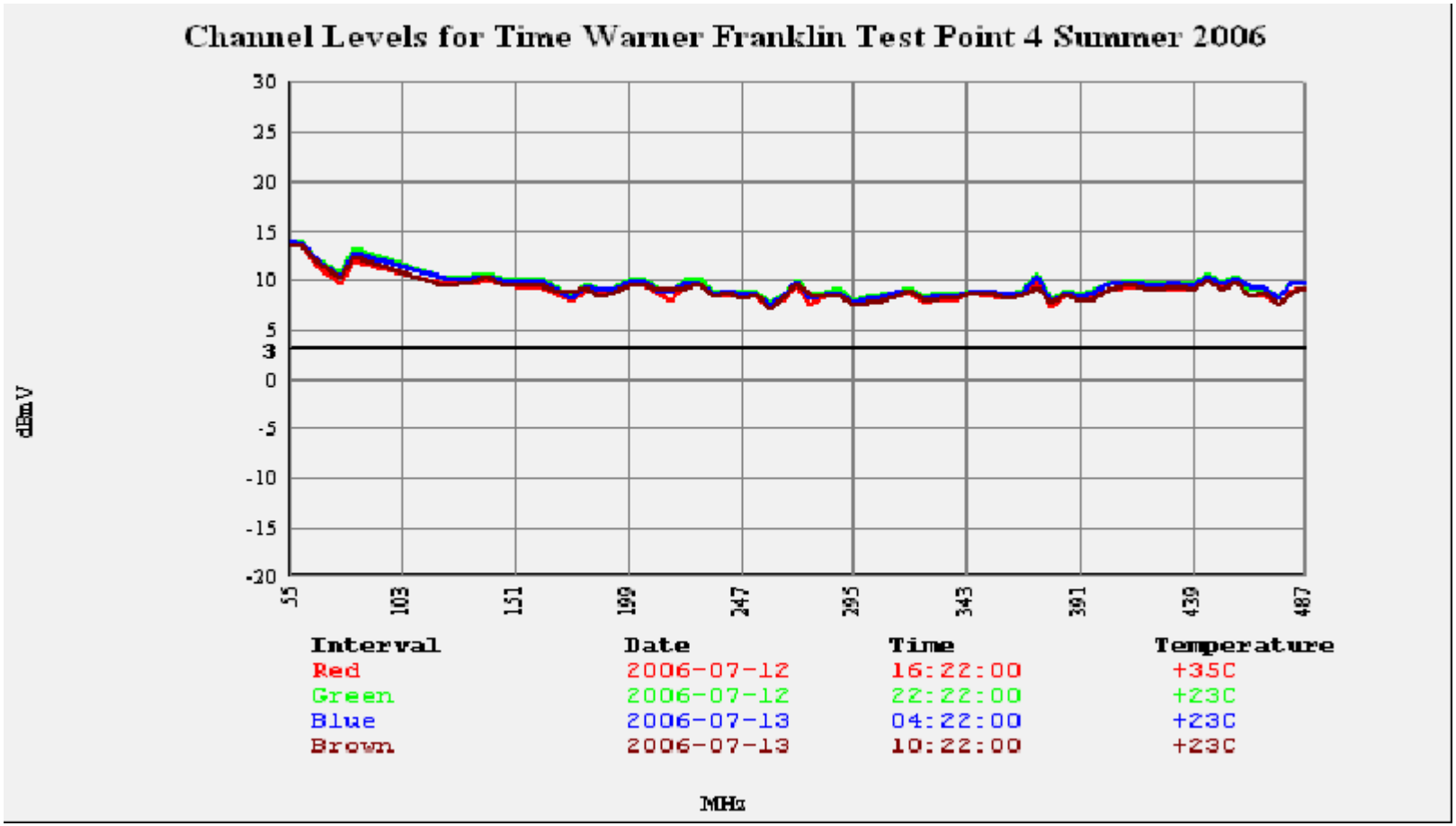
Channels Tested	A/V Separation Frequency (MHz)	In Channel Response (dB)	Carrier to Noise (dBc)	Composite Triple Beat (dBc)	Coherent Disturbances (dBc)
18	4.499947	1.6	50.2	70.7	68.7
13	4.500018	0.7	48.1	65.9	65.4
23	4.500014	0.6	47.9	64.0	67.2
28	4.499899	1.2	49.2	67.3	69.2
31	4.500011	0.6	48.9	64.7	71.0
43	4.500001	0.9	50.5	64.0	69.1
48	4.499870	2.2	51.4	64.0	68.1
52	4.500017	1.0	50.8	65.9	72.3
62	4.500016	2.5	51.2	66.6	69.4

Federal Communications Rules and Regulations Part 76.605
¶(10) (Low Frequency Disturbance) The peak-to-peak variation in visual signal level caused by undesired low frequency disturbances or by inadequate low frequency response, shall not exceed 3 percent of the visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.
¶(6) (In Channel Response) The amplitude characteristics shall be within a range of ± 2 dB from 0.75 MHz to 5 MHz above the lower boundary frequency of the cable television channel.
¶(7) (Carrier to Noise) The ratio of the RF visual signal level to system noise shall be as follows: §(iii) As of June 30, 1995, shall not be less then 43 dB.
¶(8) §(i) (Composite Triple Beat and Composite Second Order) The ratio of visual signal level to coherent disturbances shall not be less then 51 dB for noncoherent channel cable television systems. §(ii) The ratio of visual signal level to coherent disturbances which are frequency-coincident with the visual carrier shall not be less than 47 dB for coherent cable channel systems.

Test Point 4 Compliance Report

FCC Proof of Performance Public File for Time Warner Franklin Adams Rd Polk , PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
Minimum Visual Signal Level After a 100' Drop	100%
Visual Signal Level Six-month Interval	100%
Visual Signal Level Six-MHz Separation	100%
Visual Signal Level All-Channel Separation	100%
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Overall Test Point Compliance Ratio	100%


15:11:20 JUL 13, 2006
Franklin, PA. - Test Point 4 Sys Freq Resp
CHNL
REF 21.2 dBmV
AT 10 dB
PEAK
LOG
5
dB/
DL
7.0
dBmv
WA SB
SC FC
CORR
START 55.0 MHz
STOP 496.0 MHz
RES BW 3.0 MHz
VBW 1 MHz
SWP 20.0 msec
T


Channel Levels for Time Warner Franklin Test Point 4 Summer 2006
dBmV
30
25
20
15
10
5
3
0
-5
-10
-15
-20
55
103
151
199
247
295
343
391
439
487
MHz
Interval
Date
Time
Temperature
Red
2006-07-12
16:22:00
+35C
Green
2006-07-12
22:22:00
+23C
Blue
2006-07-13
04:22:00
+23C
Brown
2006-07-13
10:22:00
+23C

Test Point 4 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Adams Rd Polk , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 16:22:00	2006-07-12 22:22:00	2006-07-13 04:22:00	2006-07-13 10:22:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+35C	+23C	+23C	+23C		
Channel	Visual Signal Level dBmV					
2	13.8	14.1	14.0	13.6	14.6	
3	13.4	13.8	13.7	13.4	13.7	
4	11.5	12.1	12.1	11.9	13.9	
5	9.6	10.6	10.3	10.2	12.8	
6	12.0	13.2	12.9	12.3	14.7	
14	9.7	10.3	10.2	9.4	13.2	
15	9.6	10.2	10.1	9.7	14.2	
16	9.7	10.4	10.2	9.8	14.0	
17	10.0	10.7	10.5	10.4	13.9	
18	9.6	10.2	10.0	9.6	14.4	
20	9.3	10.0	9.8	9.5	14.5	
21	9.3	10.1	9.9	9.4	16.2	
22	8.6	9.3	9.1	8.8	14.1	
7	7.9	8.4	8.2	8.9	14.2	
8	9.1	9.7	9.5	9.2	13.9	
9	8.5	9.1	9.0	8.4	13.4	
10	8.8	9.3	9.1	8.8	13.8	
11	9.5	10.0	9.9	9.4	14.1	
12	9.7	10.2	10.0	9.7	13.9	
13	8.8	9.2	9.1	9.1	14.4	
23	8.0	8.8	8.8	9.1	13.3	
24	9.6	10.0	9.9	9.2	14.5	
25	10.0	10.2	9.6	9.7	13.2	
26	8.3	8.8	8.6	8.3	13.6	
27	8.6	9.1	9.1	8.9	14.1	
28	8.3	8.8	8.6	8.2	14.2	
29	8.3	8.7	8.6	8.5	13.4	
30	7.3	7.7	7.6	7.2	14.0	
31	8.2	8.6	8.5	8.3	14.2	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 4 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Adams Rd Polk , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 16:22:00	2006-07-12 22:22:00	2006-07-13 04:22:00	2006-07-13 10:22:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+35C	+23C	+23C	+23C		
Channel	Visual Signal Level dBmV					
32	9.5	10.0	9.8	9.6	14.2	
33	7.6	8.5	8.1	8.5	13.8	
34	8.3	8.8	8.6	8.4	14.3	
35	8.6	9.2	8.8	8.5	14.1	
36	7.5	7.9	7.8	7.6	14.1	
37	7.8	8.3	8.2	7.8	14.5	
38	8.0	8.5	8.3	8.0	14.3	
39	8.3	8.8	8.7	8.3	14.2	
40	8.9	9.3	9.1	9.0	14.5	
41	7.8	8.3	8.1	7.9	14.5	
42	8.2	8.7	8.5	8.2	14.2	
43	8.0	8.5	8.4	8.1	13.9	
44	8.5	8.9	8.8	8.5	14.9	
45	8.5	9.0	8.9	8.7	14.3	
46	8.4	8.9	8.8	8.5	14.5	
47	8.1	8.6	8.5	8.2	14.0	
48	8.5	9.1	8.9	8.5	14.3	
49	9.8	10.7	10.5	9.2	14.2	
50	7.4	8.0	7.8	7.8	14.8	
51	8.5	9.1	8.9	8.6	14.4	
52	7.9	8.5	8.4	7.9	14.0	
53	8.3	9.0	8.8	8.2	13.9	
54	9.1	9.6	9.6	9.0	14.8	
55	9.2	9.8	9.7	9.4	14.3	
56	9.5	10.0	9.9	9.4	14.4	
57	9.1	9.7	9.5	9.1	14.7	
58	9.1	9.7	9.6	9.2	14.6	
59	9.2	9.9	9.7	9.5	15.1	
60	9.0	9.6	9.5	9.1	14.2	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 4 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Adams Rd Polk , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 16:22:00	2006-07-12 22:22:00	2006-07-13 04:22:00	2006-07-13 10:22:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+35C	+23C	+23C	+23C		
Channel	Visual Signal Level dBmV					
61	10.1	10.8	10.5	10.1	14.2	
62	9.2	9.9	9.7	9.1	14.3	
63	9.8	10.5	10.3	9.8	14.7	
64	8.3	9.1	9.5	8.4	13.7	
65	8.6	9.3	9.2	8.7	12.6	
66	7.5	8.3	8.2	7.6	12.7	
67	9.0	9.9	9.8	8.8	12.9	
68	9.0	9.7	9.6	9.2	15.1	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 4 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Adams Rd Polk , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	2006-07-12 16:22:00	2006-07-12 22:22:00	2006-07-13 04:22:00	2006-07-13 10:22:00	2006-01-13 14:05:00	2006-01-13 20:05:00	2006-01-14 02:05:00	2006-01-14 08:05:00
Temp	+35C	+23C	+23C	+23C	+18C	+9C	+7C	-0C
Channel	Visual Signal Level (dBmV)							
2	13.8	14.1	14.0	13.6	14.6	14.7	15.0	15.2
3	13.4	13.8	13.7	13.4	13.5	13.8	14.0	14.3
4	11.5	12.1	12.1	11.9	11.7	12.2	12.6	13.1
5	9.6	10.6	10.3	10.2	12.3	12.9	13.3	13.3
6	12.0	13.2	12.9	12.3	14.7	14.9	15.6	15.7
14	9.7	10.3	10.2	9.4	10.9	11.2	11.5	11.8
15	9.6	10.2	10.1	9.7	10.5	10.7	11.1	11.4
16	9.7	10.4	10.2	9.8	9.5	9.7	10.1	10.2
17	10.0	10.7	10.5	10.4	10.0	10.3	10.7	11.1
18	9.6	10.2	10.0	9.6	10.2	10.4	10.8	10.3
20	9.3	10.0	9.8	9.5	10.2	10.4	10.7	11.0
21	9.3	10.1	9.9	9.4	10.4	10.7	11.1	11.5
22	8.6	9.3	9.1	8.8	10.2	10.5	10.8	11.2
7	7.9	8.4	8.2	8.9	9.7	10.0	10.2	10.5
8	9.1	9.7	9.5	9.2	10.4	10.7	11.0	11.5
9	8.5	9.1	9.0	8.4	9.0	9.9	9.7	10.2
10	8.8	9.3	9.1	8.8	9.8	10.0	10.4	10.7
11	9.5	10.0	9.9	9.4	10.4	10.7	11.1	11.4
12	9.7	10.2	10.0	9.7	10.6	10.9	11.2	11.8
13	8.8	9.2	9.1	9.1	10.7	10.8	11.3	11.1
23	8.0	8.8	8.8	9.1	10.9	11.1	11.7	11.7
24	9.6	10.0	9.9	9.2	10.1	10.3	10.7	11.2
25	10.0	10.2	9.6	9.7	9.8	10.0	10.4	11.5
26	8.3	8.8	8.6	8.3	10.0	10.2	10.6	10.9
27	8.6	9.1	9.1	8.9	9.4	9.6	10.1	10.6
28	8.3	8.8	8.6	8.2	9.7	9.9	10.3	9.8
29	8.3	8.7	8.6	8.5	9.3	9.6	10.0	10.5
30	7.3	7.7	7.6	7.2	9.1	9.4	9.8	10.3
31	8.2	8.6	8.5	8.3	8.7	9.0	9.5	10.1
32	9.5	10.0	9.8	9.6	9.9	10.2	10.6	10.9

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 4 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Adams Rd Polk , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	2006-07-12 16:22:00	2006-07-12 22:22:00	2006-07-13 04:22:00	2006-07-13 10:22:00	2006-01-13 14:05:00	2006-01-13 20:05:00	2006-01-14 02:05:00	2006-01-14 08:05:00
Temp	+35C	+23C	+23C	+23C	+18C	+9C	+7C	-0C
Channel	Visual Signal Level (dBmV)							
33	7.6	8.5	8.1	8.5	8.6	9.0	9.4	9.8
34	8.3	8.8	8.6	8.4	8.9	9.1	9.6	10.2
35	8.6	9.2	8.8	8.5	8.9	9.2	9.6	10.2
36	7.5	7.9	7.8	7.6	9.3	9.7	10.1	10.4
37	7.8	8.3	8.2	7.8	9.2	9.5	9.9	10.3
38	8.0	8.5	8.3	8.0	9.2	9.5	9.9	10.5
39	8.3	8.8	8.7	8.3	9.0	9.3	9.8	10.2
40	8.9	9.3	9.1	9.0	10.1	10.7	10.8	11.3
41	7.8	8.3	8.1	7.9	8.8	9.2	9.7	10.3
42	8.2	8.7	8.5	8.2	9.7	10.1	10.5	11.0
43	8.0	8.5	8.4	8.1	9.1	9.6	10.0	10.4
44	8.5	8.9	8.8	8.5	9.3	9.8	10.2	10.8
45	8.5	9.0	8.9	8.7	9.0	9.3	9.8	10.4
46	8.4	8.9	8.8	8.5	9.1	9.4	9.8	10.2
47	8.1	8.6	8.5	8.2	8.7	9.1	9.6	10.1
48	8.5	9.1	8.9	8.5	8.9	9.3	9.6	10.4
49	9.8	10.7	10.5	9.2	9.1	9.5	10.0	10.7
50	7.4	8.0	7.8	7.8	9.1	9.6	10.0	10.5
51	8.5	9.1	8.9	8.6	8.8	9.3	9.7	10.2
52	7.9	8.5	8.4	7.9	9.7	9.9	10.4	10.6
53	8.3	9.0	8.8	8.2	8.7	9.0	9.4	9.9
54	9.1	9.6	9.6	9.0	9.6	10.0	10.5	11.2
55	9.2	9.8	9.7	9.4	9.6	10.1	10.5	11.0
56	9.5	10.0	9.9	9.4	9.9	10.2	10.6	11.1
57	9.1	9.7	9.5	9.1	9.6	9.9	10.4	11.0
58	9.1	9.7	9.6	9.2	9.1	9.5	10.0	10.7
59	9.2	9.9	9.7	9.5	9.2	9.7	10.2	10.7
60	9.0	9.6	9.5	9.1	9.2	9.7	10.2	10.7
61	10.1	10.8	10.5	10.1	9.3	9.6	10.1	10.8
62	9.2	9.9	9.7	9.1	9.7	10.2	10.6	11.1

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 4 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Adams Rd Polk , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 16:22:00**	**2006-07-12 22:22:00**	**2006-07-13 04:22:00**	**2006-07-13 10:22:00**	**2006-01-13 14:05:00**	**2006-01-13 20:05:00**	**2006-01-14 02:05:00**	**2006-01-14 08:05:00**
Temp	**+35C**	**+23C**	**+23C**	**+23C**	**+18C**	**+9C**	**+7C**	**-0C**
Channel	**Visual Signal Level (dBmV)**							
63	9.8	10.5	10.3	9.8	9.3	9.8	10.3	10.9
64	8.3	9.1	9.5	8.4	7.1	7.7	8.3	8.6
65	8.6	9.3	9.2	8.7	8.9	9.2	9.7	10.2
66	7.5	8.3	8.2	7.6	7.4	7.9	8.5	8.7
67	9.0	9.9	9.8	8.8	9.3	9.6	9.7	10.2
68	9.0	9.7	9.6	9.2	9.8	10.1	10.5	11.1

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 4 Frequency and Distortion Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Adams Rd Polk , PA 16323
Summer Test Cycle 2006

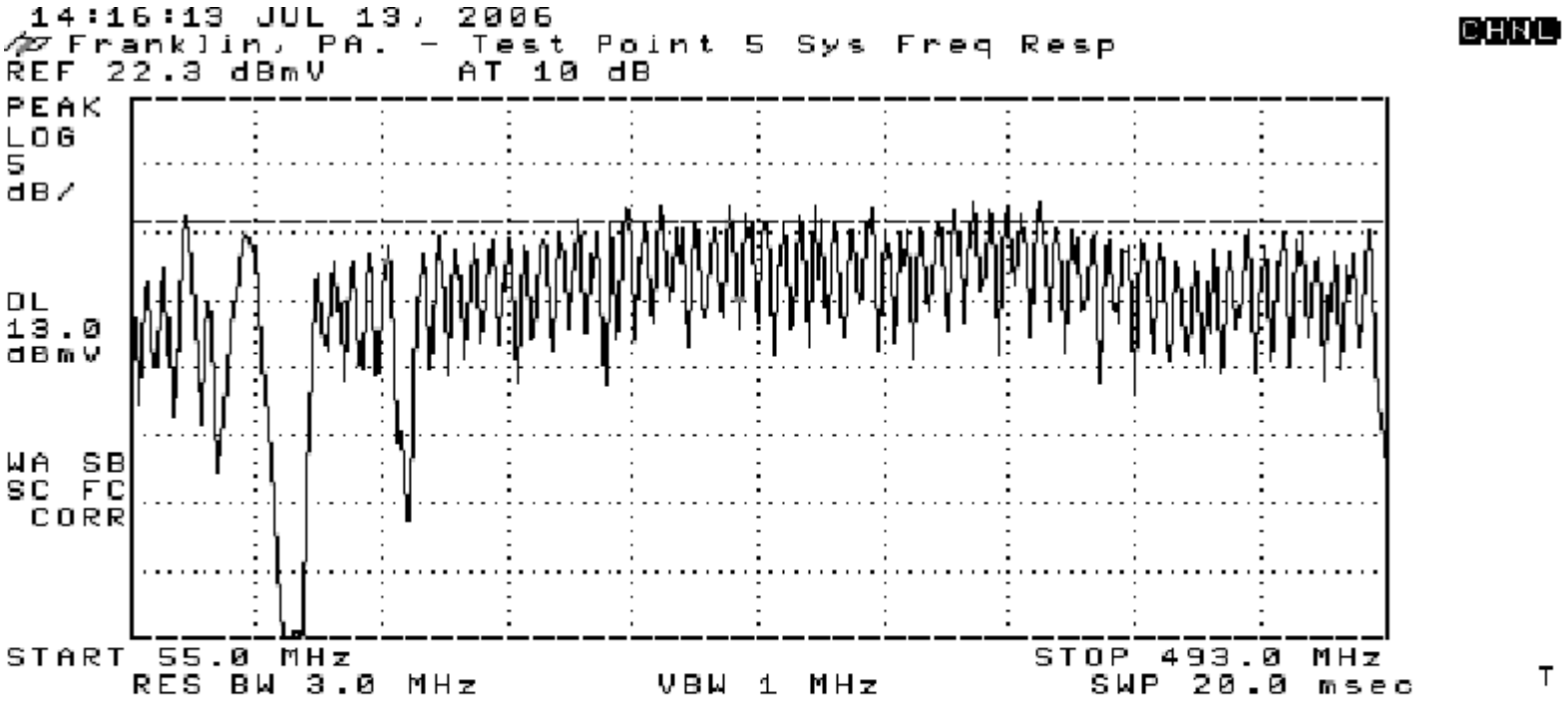
Low Frequency Disturbance (Hum) on Channel 3 is 1.19 Percent.

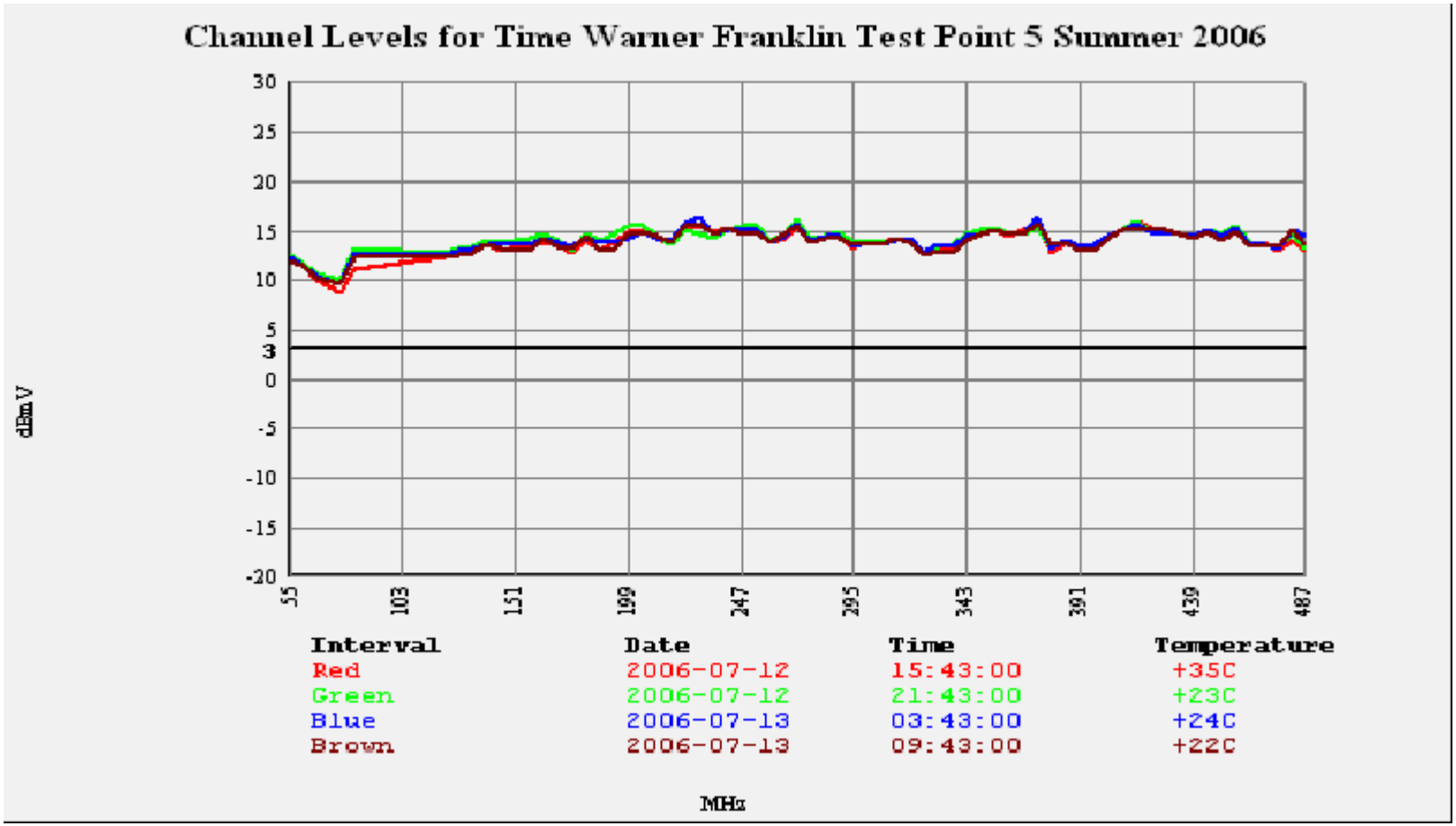
Channels Tested	A/V Separation Frequency (MHz)	In Channel Response (dB)	Carrier to Noise (dBc)	Composite Triple Beat (dBc)	Coherent Disturbances (dBc)
18	4.499947	1.9	49.5	71.3	70.5
13	4.500018	0.3	49.0	66.3	72.6
23	4.500014	0.5	48.6	68.8	71.5
28	4.499899	1.0	48.3	63.7	70.9
31	4.500011	0.7	49.1	64.0	68.6
43	4.500001	0.5	48.8	68.0	66.1
48	4.499870	1.9	49.0	62.9	67.9
52	4.500017	1.0	48.5	66.2	67.8
62	4.500016	0.9	46.6	66.7	62.3

Federal Communications Rules and Regulations Part 76.605
¶(10) (Low Frequency Disturbance) The peak-to-peak variation in visual signal level caused by undesired low frequency disturbances or by inadequate low frequency response, shall not exceed 3 percent of the visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.
¶(6) (In Channel Response) The amplitude characteristics shall be within a range of ± 2 dB from 0.75 MHz to 5 MHz above the lower boundary frequency of the cable television channel.
¶(7) (Carrier to Noise) The ratio of the RF visual signal level to system noise shall be as follows: §(iii) As of June 30, 1995, shall not be less then 43 dB.
¶(8) §(i) (Composite Triple Beat and Composite Second Order) The ratio of visual signal level to coherent disturbances shall not be less then 51 dB for noncoherent channel cable television systems. §(ii) The ratio of visual signal level to coherent disturbances which are frequency-coincident with the visual carrier shall not be less than 47 dB for coherent cable channel systems.

Test Point 5 Compliance Report

FCC Proof of Performance Public File for Time Warner Franklin Congresshill Franklin , PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
Minimum Visual Signal Level After a 100' Drop	100%
Visual Signal Level Six-month Interval	100%
Visual Signal Level Six-MHz Separation	98.8%
Visual Signal Level All-Channel Separation	100%
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Overall Test Point Compliance Ratio	99.9%


14:16:13 JUL 13, 2006
Franklin, PA. - Test Point 5 Sys Freq Resp
CHNL
REF 22.3 dBmV
AT 10 dB
PEAK
LOG
5
dB/
DL
13.0
dBmV
WA SB
SC FC
CORR
START 55.0 MHz
STOP 493.0 MHz
RES BW 3.0 MHz
VBW 1 MHz
SWP 20.0 msec
T


Channel Levels for Time Warner Franklin Test Point 5 Summer 2006
dBmV
30
25
20
15
10
5
3
0
-5
-10
-15
-20
55
103
151
199
247
295
343
391
439
487
MHz
Interval
Date
Time
Temperature
Red
2006-07-12
15:43:00
+35C
Green
2006-07-12
21:43:00
+23C
Blue
2006-07-13
03:43:00
+24C
Brown
2006-07-13
09:43:00
+22C

Test Point 5 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Congresshill Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 15:43:00	2006-07-12 21:43:00	2006-07-13 03:43:00	2006-07-13 09:43:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+35C	+23C	+24C	+22C		
Channel	Visual Signal Level dBmV					
2	12.2	12.5	12.3	11.9	15.0	
3	11.5	11.8	11.6	11.5	13.6	
4	10.1	10.7	10.5	10.3	14.1	
5	8.9	10.0	9.7	9.7	12.2	#2
6	11.1	13.2	12.8	12.4	13.8	#2
14	12.4	12.9	12.6	12.3	13.2	
15	12.8	13.3	13.0	12.7	14.4	
16	13.2	13.5	13.2	12.9	14.3	
17	13.7	14.0	13.7	13.6	13.9	
18	13.1	13.9	13.6	13.2	14.4	
20	13.6	14.3	13.6	13.1	13.8	
21	13.9	14.6	14.2	14.2	15.9	
22	13.6	14.1	13.8	13.5	14.4	
7	12.8	13.0	13.4	13.2	14.5	
8	14.1	14.6	14.2	14.5	14.5	
9	13.0	14.0	13.8	13.0	13.2	
10	13.9	14.6	13.8	13.3	13.8	
11	15.0	15.5	14.3	14.6	13.8	
12	15.2	15.5	15.0	15.0	13.5	
13	14.2	14.4	14.3	14.4	13.8	
23	13.7	13.7	14.0	13.9	13.1	
24	15.4	15.2	15.7	15.5	14.5	
25	15.6	14.7	16.3	15.7	12.7	
26	14.9	14.2	14.8	14.6	13.8	
27	15.3	15.2	15.2	15.4	14.1	
28	15.0	15.5	15.3	14.7	14.6	
29	15.0	15.5	15.2	15.0	13.3	
30	13.8	14.1	13.9	13.9	14.2	
31	14.3	14.7	14.5	14.6	13.7	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 5 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Congresshill Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 15:43:00	2006-07-12 21:43:00	2006-07-13 03:43:00	2006-07-13 09:43:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+35C	+23C	+24C	+22C		
Channel	Visual Signal Level dBmV					
32	15.3	16.1	15.8	15.6	13.3	
33	14.0	14.2	14.1	13.8	14.4	
34	14.3	14.5	14.4	14.2	14.2	
35	14.5	15.0	14.5	14.3	13.9	
36	13.2	13.9	13.5	13.6	13.7	
37	14.0	14.0	13.8	13.9	14.4	
38	13.9	13.9	13.7	13.7	14.5	
39	14.3	14.1	14.0	14.2	14.2	
40	14.1	14.0	14.2	13.9	13.9	
41	12.8	12.7	12.9	12.5	14.0	
42	13.3	13.5	13.6	13.0	13.7	
43	13.2	13.7	13.5	12.8	13.1	
44	14.2	14.6	14.5	14.0	14.1	
45	14.7	15.1	14.8	14.8	14.2	
46	15.1	15.4	15.1	15.2	14.4	
47	14.4	14.8	14.6	14.8	13.6	
48	15.2	14.8	14.8	14.6	14.6	
49	15.6	15.3	16.3	15.8	14.0	#2
50	12.8	13.2	13.2	13.7	14.0	#2
51	13.8	14.1	14.0	13.8	14.1	
52	13.1	13.3	13.4	13.0	13.8	
53	13.4	13.3	13.6	13.1	13.2	
54	14.3	14.3	14.5	14.2	14.2	
55	15.1	15.2	15.2	15.2	14.2	
56	16.0	15.9	15.8	15.4	14.4	
57	15.3	15.0	15.0	15.2	14.8	
58	15.0	14.6	14.8	15.1	14.4	
59	14.7	14.6	14.8	14.8	14.1	
60	14.5	14.4	14.4	14.3	14.2	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 5 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin Congresshill Franklin , PA 16323 Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 15:43:00	2006-07-12 21:43:00	2006-07-13 03:43:00	2006-07-13 09:43:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+35C	+23C	+24C	+22C		
Channel	Visual Signal Level dBmV					
61	14.9	15.1	15.1	14.9	13.9	
62	14.2	14.8	14.4	14.0	14.2	
63	15.0	15.5	15.3	14.9	14.5	
64	13.6	13.8	13.6	13.5	13.9	
65	13.9	13.7	13.7	13.5	12.7	
66	13.1	13.5	13.2	13.5	13.6	
67	14.1	14.8	15.1	15.1	13.5	
68	13.0	13.3	14.4	13.6	15.7	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 5 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Congresshill Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 15:43:00**	**2006-07-12 21:43:00**	**2006-07-13 03:43:00**	**2006-07-13 09:43:00**	**2006-01-13 14:58:00**	**2006-01-13 20:58:00**	**2006-01-14 02:58:00**	**2006-01-14 08:58:00**
Temp	**+35C**	**+23C**	**+24C**	**+22C**	**+21C**	**+8C**	**+6C**	**+1C**
Channel	**Visual Signal Level (dBmV)**							
2	12.2	12.5	12.3	11.9	11.9	11.9	12.0	12.4
3	11.5	11.8	11.6	11.5	10.9	10.9	11.1	11.3
4	10.1	10.7	10.5	10.3	9.3	9.6	9.9	10.3
5	8.9	10.0	9.7	9.7	10.8	11.4	11.7	11.5
6	11.1	13.2	12.8	12.4	13.3	14.2	14.5	14.3
14	12.4	12.9	12.6	12.3	12.8	12.9	13.1	13.3
15	12.8	13.3	13.0	12.7	12.9	13.0	13.2	13.5
16	13.2	13.5	13.2	12.9	12.0	12.1	12.3	12.9
17	13.7	14.0	13.7	13.6	13.2	13.1	13.3	13.5
18	13.1	13.9	13.6	13.2	13.5	13.4	13.6	11.8
20	13.6	14.3	13.6	13.1	13.9	13.9	14.1	14.4
21	13.9	14.6	14.2	14.2	13.9	14.0	14.3	14.4
22	13.6	14.1	13.8	13.5	13.4	14.1	14.4	14.9
7	12.8	13.0	13.4	13.2	13.3	13.4	13.8	14.3
8	14.1	14.6	14.2	14.5	14.9	14.9	15.3	15.6
9	13.0	14.0	13.8	13.0	12.8	12.4	13.1	13.4
10	13.9	14.6	13.8	13.3	13.7	13.1	14.0	14.4
11	15.0	15.5	14.3	14.6	14.8	14.5	14.8	15.3
12	15.2	15.5	15.0	15.0	14.8	14.9	14.9	15.7
13	14.2	14.4	14.3	14.4	14.3	14.0	13.9	14.2
23	13.7	13.7	14.0	13.9	14.9	15.0	14.5	15.2
24	15.4	15.2	15.7	15.5	14.9	14.9	14.8	15.5
25	15.6	14.7	16.3	15.7	14.6	14.7	14.8	15.6
26	14.9	14.2	14.8	14.6	14.4	14.3	14.6	15.3
27	15.3	15.2	15.2	15.4	14.5	14.2	14.7	14.7
28	15.0	15.5	15.3	14.7	14.9	14.6	15.0	13.1
29	15.0	15.5	15.2	15.0	14.7	14.3	14.9	14.9
30	13.8	14.1	13.9	13.9	14.2	13.7	14.3	13.6
31	14.3	14.7	14.5	14.6	14.3	13.7	14.3	13.4
32	15.3	16.1	15.8	15.6	15.4	14.8	15.2	14.5

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 5 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
Congresshill Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	2006-07-12 15:43:00	2006-07-12 21:43:00	2006-07-13 03:43:00	2006-07-13 09:43:00	2006-01-13 14:58:00	2006-01-13 20:58:00	2006-01-14 02:58:00	2006-01-14 08:58:00
Temp	+35C	+23C	+24C	+22C	+21C	+8C	+6C	+1C
Channel	Visual Signal Level (dBmV)							
33	14.0	14.2	14.1	13.8	14.0	13.2	13.8	13.4
34	14.3	14.5	14.4	14.2	13.8	13.3	13.7	13.4
35	14.5	15.0	14.5	14.3	14.2	13.8	14.1	14.3
36	13.2	13.9	13.5	13.6	14.3	13.9	14.2	14.6
37	14.0	14.0	13.8	13.9	14.5	14.1	14.3	13.9
38	13.9	13.9	13.7	13.7	13.7	13.3	13.5	13.2
39	14.3	14.1	14.0	14.2	14.0	13.6	13.6	13.4
40	14.1	14.0	14.2	13.9	15.2	14.8	14.8	14.6
41	12.8	12.7	12.9	12.5	14.0	14.2	13.5	13.3
42	13.3	13.5	13.6	13.0	14.1	14.0	13.5	13.2
43	13.2	13.7	13.5	12.8	14.1	14.0	13.6	13.4
44	14.2	14.6	14.5	14.0	14.4	14.2	13.8	13.8
45	14.7	15.1	14.8	14.8	14.1	13.9	13.4	13.2
46	15.1	15.4	15.1	15.2	13.5	13.2	12.7	12.5
47	14.4	14.8	14.6	14.8	13.6	13.4	13.5	13.1
48	15.2	14.8	14.8	14.6	13.3	13.0	13.0	10.7
49	15.6	15.3	16.3	15.8	13.3	13.0	12.9	12.6
50	12.8	13.2	13.2	13.7	12.4	11.9	12.0	11.8
51	13.8	14.1	14.0	13.8	13.0	12.7	12.6	12.5
52	13.1	13.3	13.4	13.0	13.4	12.8	12.7	12.5
53	13.4	13.3	13.6	13.1	11.9	11.5	11.3	11.3
54	14.3	14.3	14.5	14.2	12.7	12.2	12.1	12.1
55	15.1	15.2	15.2	15.2	13.5	12.9	12.6	12.7
56	16.0	15.9	15.8	15.4	13.9	13.3	13.0	12.9
57	15.3	15.0	15.0	15.2	13.1	12.4	12.0	11.7
58	15.0	14.6	14.8	15.1	12.3	11.5	11.4	10.7
59	14.7	14.6	14.8	14.8	12.5	11.8	11.5	11.2
60	14.5	14.4	14.4	14.3	12.8	12.2	12.0	11.7
61	14.9	15.1	15.1	14.9	13.0	12.0	11.9	11.4
62	14.2	14.8	14.4	14.0	12.8	12.0	12.0	11.8

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 5 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin Congresshill Franklin , PA 16323 Summer Test Cycle 2006								
	Summer Season (Current)				Winter Season (Prior)			
Date Time	2006-07-12 15:43:00	2006-07-12 21:43:00	2006-07-13 03:43:00	2006-07-13 09:43:00	2006-01-13 14:58:00	2006-01-13 20:58:00	2006-01-14 02:58:00	2006-01-14 08:58:00
Temp	+35C	+23C	+24C	+22C	+21C	+8C	+6C	+1C
Channel	Visual Signal Level (dBmV)							
63	15.0	15.5	15.3	14.9	13.5	12.4	12.3	12.1
64	13.6	13.8	13.6	13.5	11.1	10.3	10.4	9.5
65	13.9	13.7	13.7	13.5	12.1	11.0	10.9	10.7
66	13.1	13.5	13.2	13.5	10.5	9.5	9.7	9.4
67	14.1	14.8	15.1	15.1	12.8	11.5	11.0	9.9
68	13.0	13.3	14.4	13.6	12.4	11.6	11.6	10.2

Federal Communications Rules and Regulations Part 76.605
¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

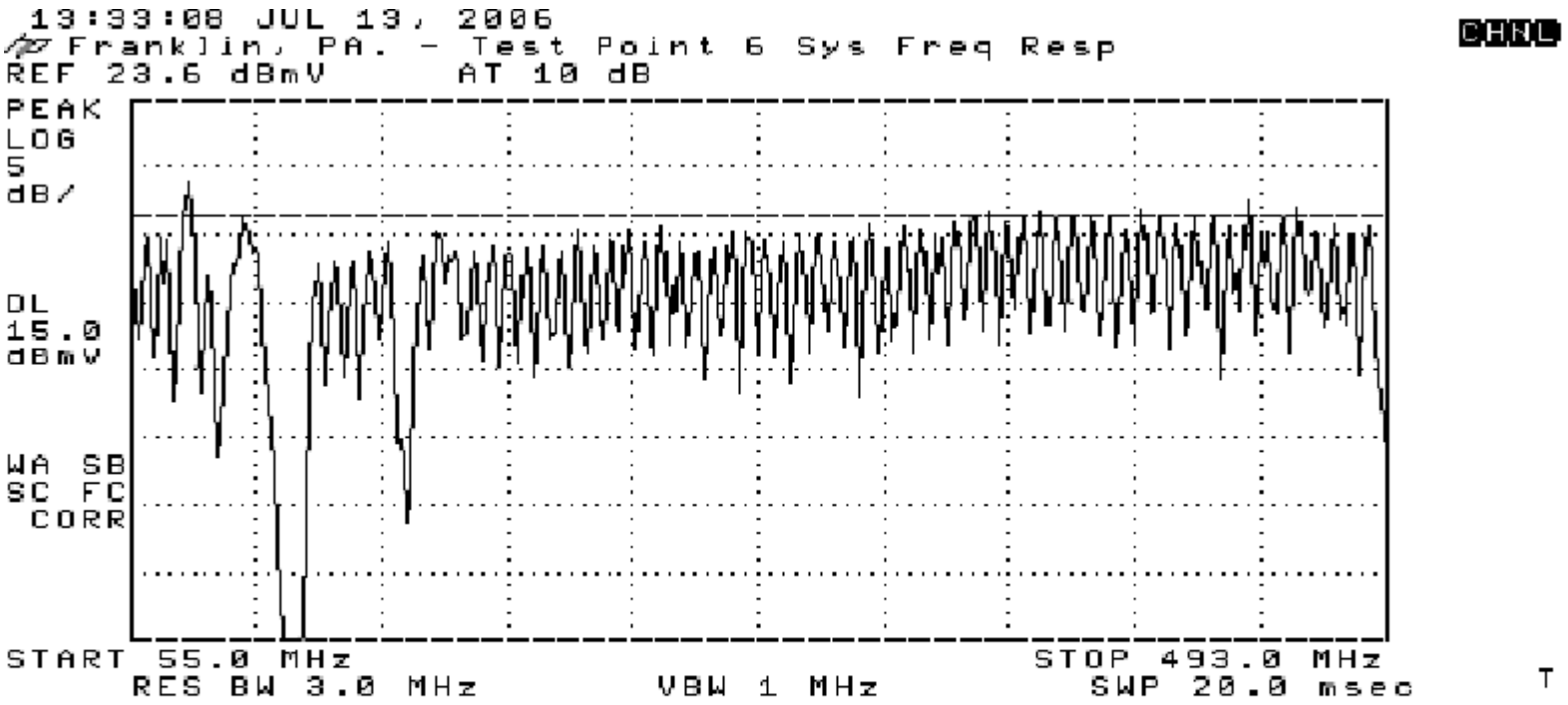
Test Point 5 Frequency and Distortion Test Results

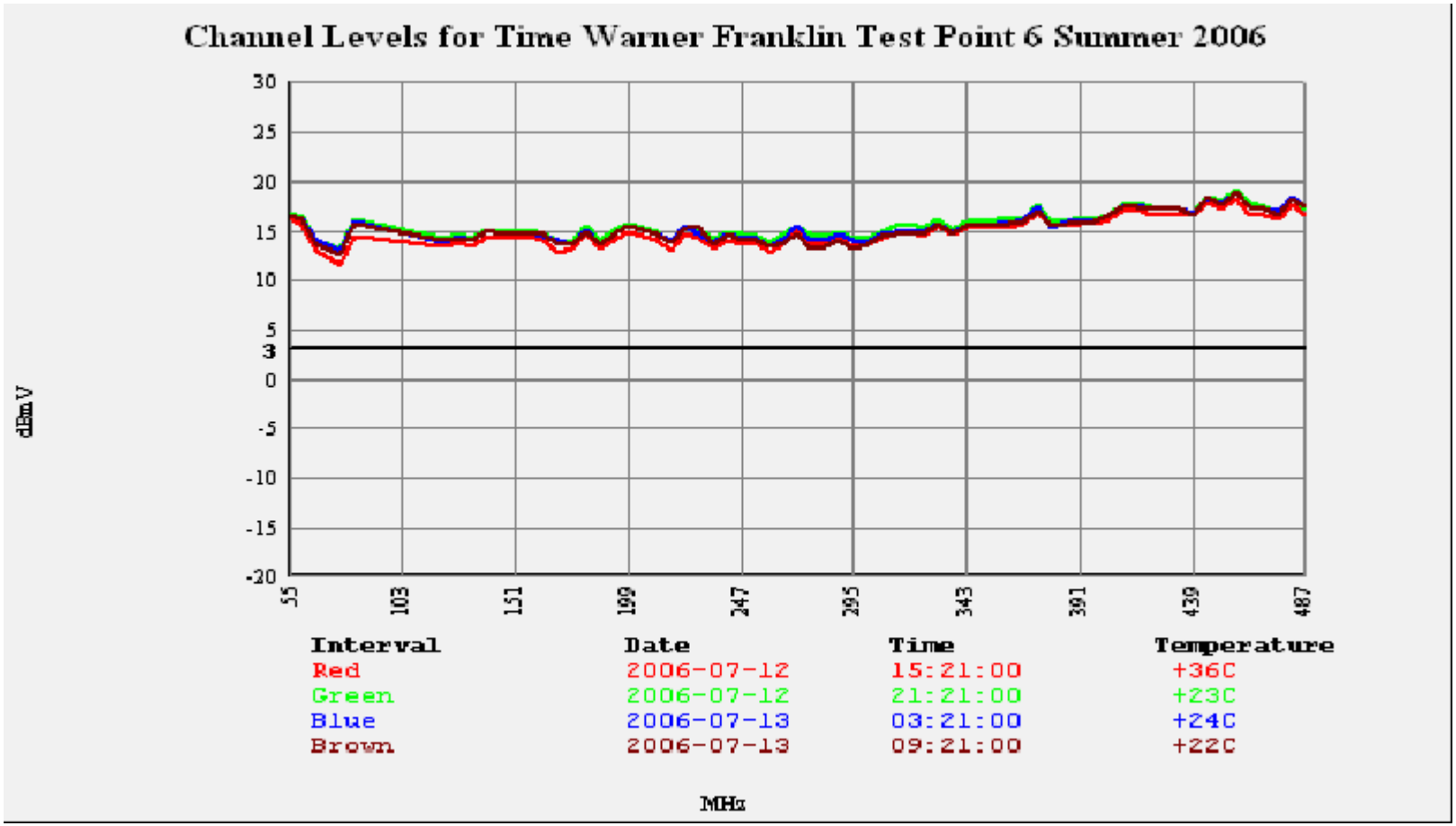
FCC Proof of Performance Public File for Time Warner Franklin Congresshill Franklin , PA 16323 Summer Test Cycle 2006					
Low Frequency Disturbance (Hum) on Channel 3 is 0.86 Percent.					
Channels Tested	**A/V Separation Frequency (MHz)**	**In Channel Response (dB)**	**Carrier to Noise (dBc)**	**Composite Triple Beat (dBc)**	**Coherent Disturbances (dBc)**
18	4.499947	1.9	47.0	65.2	71.9
13	4.500018	2.6	48.0	64.0	62.0
23	4.500014	0.6	47.1	67.3	73.0
28	4.499899	0.8	48.2	62.5	67.2
31	4.500011	0.9	49.1	67.1	69.6
43	4.500001	0.5	48.1	68.1	70.3
48	4.499870	2.0	49.9	64.0	69.0
52	4.500017	1.6	48.8	65.0	70.4
62	4.500016	1.4	49.1	68.1	75.8

Federal Communications Rules and Regulations Part 76.605
¶(10) (Low Frequency Disturbance) The peak-to-peak variation in visual signal level caused by undesired low frequency disturbances or by inadequate low frequency response, shall not exceed 3 percent of the visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.
¶(6) (In Channel Response) The amplitude characteristics shall be within a range of ± 2 dB from 0.75 MHz to 5 MHz above the lower boundary frequency of the cable television channel.
¶(7) (Carrier to Noise) The ratio of the RF visual signal level to system noise shall be as follows: §(iii) As of June 30, 1995, shall not be less then 43 dB.
¶(8) §(i) (Composite Triple Beat and Composite Second Order) The ratio of visual signal level to coherent disturbances shall not be less then 51 dB for noncoherent channel cable television systems. §(ii) The ratio of visual signal level to coherent disturbances which are frequency-coincident with the visual carrier shall not be less than 47 dB for coherent cable channel systems.

Test Point 6 Compliance Report

FCC Proof of Performance Public File for Time Warner Franklin 319 Elk St. Franklin , PA 16323 Summer Test Cycle 2006	
Test Conducted	**Compliance Ratio**
Minimum Visual Signal Level After a 100' Drop	100%
Visual Signal Level Six-month Interval	100%
Visual Signal Level Six-MHz Separation	99.2%
Visual Signal Level All-Channel Separation	100%
A/V Separation Level (Delta)	100%
A/V Separation Frequency (MHz)	100%
Hum	100%
In-Band Frequency Response	100%
Carrier to Noise	100%
Composite Triple Beat	100%
Coherent Disturbances	100%
Overall Test Point Compliance Ratio	99.9%


13:33:08 JUL 13, 2006
Franklin, PA. - Test Point 6 Sys Freq Resp
CHNL
REF 23.6 dBmV
AT 10 dB
PEAK
LOG
5
dB/
DL
15.0
dBmV
WA SB
SC FC
CORR
START 55.0 MHz
STOP 493.0 MHz
RES BW 3.0 MHz
VBW 1 MHz
SWP 20.0 msec
T


Channel Levels for Time Warner Franklin Test Point 6 Summer 2006
dBmV
30
25
20
15
10
5
3
0
-5
-10
-15
-20
55
103
151
199
247
295
343
391
439
487
MHz
Interval
Red
Green
Blue
Brown
Date
2006-07-12
2006-07-12
2006-07-13
2006-07-13
Time
15:21:00
21:21:00
03:21:00
09:21:00
Temperature
+36C
+23C
+24C
+22C

Test Point 6 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
319 Elk St. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 15:21:00	2006-07-12 21:21:00	2006-07-13 03:21:00	2006-07-13 09:21:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+36C	+23C	+24C	+22C		
Channel	Visual Signal Level dBmV					
2	16.4	16.9	16.7	16.7	15.3	
3	15.6	16.3	16.2	16.1	13.9	
4	13.1	14.1	14.1	13.6	14.0	
5	11.6	13.2	13.1	12.6	12.3	#2
6	14.4	16.2	16.0	15.8	14.3	#2
14	13.4	14.2	13.9	14.1	13.2	
15	13.8	14.6	14.5	14.3	14.0	
16	13.5	14.3	14.1	14.0	13.8	
17	14.4	15.2	15.1	15.1	13.6	
18	14.2	15.0	14.8	14.7	13.9	
20	14.5	15.2	15.0	15.0	14.3	
21	14.1	14.7	14.4	14.7	15.4	
22	12.8	14.0	14.0	13.6	13.5	
7	13.2	13.8	13.7	13.6	14.1	
8	14.7	15.6	15.2	15.0	13.3	
9	13.3	14.0	13.7	13.7	12.7	
10	14.1	15.1	14.6	14.6	13.7	
11	15.0	15.7	15.6	15.5	13.4	
12	14.5	15.4	15.2	15.2	12.8	
13	14.0	15.0	14.6	14.6	13.9	
23	13.1	13.9	14.0	13.8	12.7	
24	14.8	15.6	15.5	15.4	14.3	
25	14.3	15.1	14.8	15.3	12.7	
26	13.3	14.2	13.8	13.7	13.2	
27	14.1	15.0	14.6	14.6	14.4	
28	13.6	14.6	14.2	14.1	13.9	
29	13.8	14.4	14.2	14.0	12.6	
30	12.9	13.8	13.4	13.4	13.7	
31	13.9	14.6	14.2	13.9	13.2	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 6 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
319 Elk St. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 15:21:00	2006-07-12 21:21:00	2006-07-13 03:21:00	2006-07-13 09:21:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+36C	+23C	+24C	+22C		
Channel	Visual Signal Level dBmV					
32	15.1	15.6	15.6	14.8	13.4	
33	13.7	14.6	14.0	13.3	13.7	
34	13.9	14.4	14.0	13.5	13.0	
35	14.2	14.9	14.6	14.1	13.7	
36	13.4	14.3	14.1	13.2	13.0	
37	13.6	14.3	13.9	13.7	13.1	
38	14.3	15.0	14.6	14.4	14.0	
39	14.6	15.5	15.0	14.8	13.4	
40	14.9	15.7	15.1	14.9	13.3	
41	14.5	15.4	15.0	14.8	14.3	
42	15.5	16.2	15.8	15.7	13.8	
43	14.6	15.1	14.9	14.8	13.6	
44	15.3	15.9	15.6	15.5	14.2	
45	15.4	15.9	15.6	15.8	14.1	
46	15.4	16.1	15.8	15.6	14.3	
47	15.4	16.1	15.8	15.7	13.6	
48	15.7	16.2	16.2	15.9	13.8	
49	16.8	17.7	17.4	17.0	13.7	
50	15.7	16.0	15.4	15.6	14.5	
51	15.6	16.0	15.9	15.8	13.9	
52	15.7	16.3	16.0	15.8	14.7	
53	15.7	16.1	16.0	15.9	13.3	
54	16.2	16.7	16.6	16.6	13.5	
55	17.0	17.6	17.5	17.5	14.5	
56	17.2	17.8	17.6	17.5	14.0	
57	16.7	17.4	17.3	17.2	14.2	
58	16.8	17.3	17.4	17.3	14.4	
59	16.7	17.2	17.2	17.2	14.2	
60	16.5	16.9	16.8	16.7	14.0	

Federal Communications Rules and Regulations Part 76.605

¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.

¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of

¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 6 Twenty Four Hour Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
319 Elk St. Franklin , PA 16323
Summer Test Cycle 2006

Testing Sequence	One	Two	Three	Four	A/V Separation Delta dB	Technical Standards 76.605
Date Time	2006-07-12 15:21:00	2006-07-12 21:21:00	2006-07-13 03:21:00	2006-07-13 09:21:00		#1 Min. Level 100' Drop #2 6 MHz Separation #3 All Channel Separation Low #4 All Channel Separation High #5 A/V Separations Delta
Temp	+36C	+23C	+24C	+22C		
Channel	Visual Signal Level dBmV					
61	17.9	18.4	18.3	18.4	13.9	
62	17.3	18.0	17.9	17.7	13.8	
63	18.3	19.1	19.0	18.9	14.7	
64	16.7	17.8	17.5	17.4	13.9	
65	16.5	17.5	17.3	17.3	12.0	
66	16.1	16.8	17.0	16.7	13.4	
67	17.7	18.3	18.4	18.3	13.6	
68	16.7	17.3	17.4	17.4	14.4	

Federal Communications Rules and Regulations Part 76.605
¶(3) (Min. Level 100' Drop) Measured at the end of a 30 meter (100 foot) cable drop that is connected to the subcriber tap, the visual signal level shall not be less than 3 dBmV across the entire band.
¶(4) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subcriber tap shall be maintained within: §(i) (6 MHz Separation) 3 dB of the visual signal level of any visual carrier within a 6 MHz nominal frequency separation; §(ii) (All Channel Separation) 10 dB of the visual signal level on any other channel on a cable television system of up to 300 MHz of cable distribution system upper frequency limit, with a 1 dB increase for each additional 100 MHz of
¶(5) A/V (Separation Delta) The rms voltage of the aural signal shall be maintained between 10 and 17 dB below the associated visual signal level.

Test Point 6 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
319 Elk St. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 15:21:00**	**2006-07-12 21:21:00**	**2006-07-13 03:21:00**	**2006-07-13 09:21:00**	**2006-01-13 15:34:00**	**2006-01-13 21:34:00**	**2006-01-14 03:34:00**	**2006-01-14 09:34:00**
Temp	**+36C**	**+23C**	**+24C**	**+22C**	**+19C**	**+6C**	**+4C**	**-1C**
Channel	**Visual Signal Level (dBmV)**							
2	16.4	16.9	16.7	16.7	16.4	16.4	16.3	16.9
3	15.6	16.3	16.2	16.1	15.5	15.6	15.5	15.9
4	13.1	14.1	14.1	13.6	13.7	14.1	14.2	14.5
5	11.6	13.2	13.1	12.6	14.6	15.3	15.3	15.3
6	14.4	16.2	16.0	15.8	16.9	17.9	17.9	18.2
14	13.4	14.2	13.9	14.1	14.6	14.6	14.7	15.1
15	13.8	14.6	14.5	14.3	14.4	14.5	14.6	15.1
16	13.5	14.3	14.1	14.0	12.4	12.4	12.4	13.9
17	14.4	15.2	15.1	15.1	14.4	14.6	14.6	14.7
18	14.2	15.0	14.8	14.7	14.7	14.6	14.8	14.3
20	14.5	15.2	15.0	15.0	14.8	14.9	15.0	15.7
21	14.1	14.7	14.4	14.7	15.3	15.5	15.6	15.9
22	12.8	14.0	14.0	13.6	15.0	15.2	15.3	15.8
7	13.2	13.8	13.7	13.6	15.1	15.0	15.1	15.7
8	14.7	15.6	15.2	15.0	16.0	16.1	16.2	16.4
9	13.3	14.0	13.7	13.7	14.2	14.3	14.4	14.8
10	14.1	15.1	14.6	14.6	15.1	15.2	15.3	15.6
11	15.0	15.7	15.6	15.5	16.0	16.1	16.2	16.5
12	14.5	15.4	15.2	15.2	15.9	16.1	16.2	16.6
13	14.0	15.0	14.6	14.6	16.0	16.2	16.3	16.2
23	13.1	13.9	14.0	13.8	16.3	16.6	16.8	16.6
24	14.8	15.6	15.5	15.4	16.0	16.1	16.3	16.5
25	14.3	15.1	14.8	15.3	15.2	15.5	15.6	16.0
26	13.3	14.2	13.8	13.7	15.1	15.3	15.3	16.2
27	14.1	15.0	14.6	14.6	15.0	15.3	15.6	15.8
28	13.6	14.6	14.2	14.1	15.4	15.5	15.5	16.7
29	13.8	14.4	14.2	14.0	15.2	15.3	15.5	15.9
30	12.9	13.8	13.4	13.4	15.2	15.4	15.6	15.8
31	13.9	14.6	14.2	13.9	15.1	15.3	15.6	15.9
32	15.1	15.6	15.6	14.8	16.1	16.3	16.6	14.2

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 6 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
319 Elk St. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 15:21:00**	**2006-07-12 21:21:00**	**2006-07-13 03:21:00**	**2006-07-13 09:21:00**	**2006-01-13 15:34:00**	**2006-01-13 21:34:00**	**2006-01-14 03:34:00**	**2006-01-14 09:34:00**
Temp	**+36C**	**+23C**	**+24C**	**+22C**	**+19C**	**+6C**	**+4C**	**-1C**
Channel	**Visual Signal Level (dBmV)**							
33	13.7	14.6	14.0	13.3	14.8	15.0	15.1	15.4
34	13.9	14.4	14.0	13.5	15.3	15.4	15.5	15.8
35	14.2	14.9	14.6	14.1	15.4	15.7	15.8	16.5
36	13.4	14.3	14.1	13.2	16.0	16.3	16.5	17.1
37	13.6	14.3	13.9	13.7	15.5	15.9	15.9	16.1
38	14.3	15.0	14.6	14.4	16.3	16.6	16.6	16.7
39	14.6	15.5	15.0	14.8	16.1	16.3	16.6	16.7
40	14.9	15.7	15.1	14.9	17.3	17.7	17.5	18.0
41	14.5	15.4	15.0	14.8	16.3	16.6	16.7	16.8
42	15.5	16.2	15.8	15.7	17.1	17.2	17.2	17.4
43	14.6	15.1	14.9	14.8	16.1	16.4	16.5	16.6
44	15.3	15.9	15.6	15.5	16.7	16.9	17.0	17.2
45	15.4	15.9	15.6	15.8	16.0	16.4	16.6	16.6
46	15.4	16.1	15.8	15.6	16.1	16.5	16.6	16.6
47	15.4	16.1	15.8	15.7	16.2	16.6	16.7	16.7
48	15.7	16.2	16.2	15.9	16.1	16.5	16.4	16.5
49	16.8	17.7	17.4	17.0	17.0	16.8	17.0	17.8
50	15.7	16.0	15.4	15.6	16.8	17.1	17.2	17.4
51	15.6	16.0	15.9	15.8	16.5	16.8	17.0	17.0
52	15.7	16.3	16.0	15.8	17.1	17.7	17.8	17.7
53	15.7	16.1	16.0	15.9	16.0	16.4	16.6	16.7
54	16.2	16.7	16.6	16.6	17.1	17.4	17.5	17.6
55	17.0	17.6	17.5	17.5	17.4	17.8	17.9	18.0
56	17.2	17.8	17.6	17.5	17.4	17.7	17.8	17.9
57	16.7	17.4	17.3	17.2	17.2	17.4	17.5	17.5
58	16.8	17.3	17.4	17.3	17.1	17.3	17.4	17.6
59	16.7	17.2	17.2	17.2	17.0	17.2	17.3	17.5
60	16.5	16.9	16.8	16.7	17.0	17.2	17.3	17.5
61	17.9	18.4	18.3	18.4	17.9	18.1	18.1	18.2
62	17.3	18.0	17.9	17.7	18.3	18.6	18.6	18.5

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 6 Six Month Variation Test Results

FCC Proof of Performance Public File for Time Warner Franklin
319 Elk St. Franklin , PA 16323
Summer Test Cycle 2006

	Summer Season (Current)				Winter Season (Prior)			
Date Time	**2006-07-12 15:21:00**	**2006-07-12 21:21:00**	**2006-07-13 03:21:00**	**2006-07-13 09:21:00**	**2006-01-13 15:34:00**	**2006-01-13 21:34:00**	**2006-01-14 03:34:00**	**2006-01-14 09:34:00**
Temp	**+36C**	**+23C**	**+24C**	**+22C**	**+19C**	**+6C**	**+4C**	**-1C**
Channel	**Visual Signal Level (dBmV)**							
63	18.3	19.1	19.0	18.9	18.2	18.5	18.6	18.7
64	16.7	17.8	17.5	17.4	16.5	16.8	16.9	15.9
65	16.5	17.5	17.3	17.3	17.3	17.7	17.8	17.7
66	16.1	16.8	17.0	16.7	16.3	16.6	16.8	16.6
67	17.7	18.3	18.4	18.3	17.9	17.5	17.6	17.6
68	16.7	17.3	17.4	17.4	18.0	17.8	18.0	18.0

Federal Communications Rules and Regulations Part 76.605

¶(4) (6 Month Variation) The visual signal level on each channel, as measured at the end of a 30 meter cable drop that is connected to the subscriber tap, shall not vary more than 8 dB with any six-month Interval.

Test Point 6 Frequency and Distortion Test Results

FCC Proof of Performance Public File for Time Warner Franklin
319 Elk St. Franklin , PA 16323
Summer Test Cycle 2006

Low Frequency Disturbance (Hum) on Channel 3 is 1.25 Percent.

Channels Tested	A/V Separation Frequency (MHz)	In Channel Response (dB)	Carrier to Noise (dBc)	Composite Triple Beat (dBc)	Coherent Disturbances (dBc)
18	4.499947	1.7	48.2	71.6	68.6
13	4.500018	1.6	48.1	64.3	66.3
23	4.500014	1.4	46.4	66.1	67.3
28	4.499899	0.9	47.4	64.6	68.7
31	4.500011	0.5	48.8	64.9	69.2
43	4.500001	0.6	49.1	70.0	70.8
48	4.499870	2.4	49.8	62.6	67.2
52	4.500017	0.5	50.4	68.8	72.5
62	4.500016	1.3	49.0	71.5	65.8

Federal Communications Rules and Regulations Part 76.605
¶(10) (Low Frequency Disturbance) The peak-to-peak variation in visual signal level caused by undesired low frequency disturbances or by inadequate low frequency response, shall not exceed 3 percent of the visual signal level.
¶(2) (A/V Separation Frequency) The aural center frequency of the aural carrier must be 4.5 MHz ± 5 KHz above the frequency of the visual carrier at the output of the modulating or processing equipment of a cable television system, and at the subscriber terminal.
¶(6) (In Channel Response) The amplitude characteristics shall be within a range of ± 2 dB from 0.75 MHz to 5 MHz above the lower boundary frequency of the cable television channel.
¶(7) (Carrier to Noise) The ratio of the RF visual signal level to system noise shall be as follows: §(iii) As of June 30, 1995, shall not be less then 43 dB.
¶(8) §(i) (Composite Triple Beat and Composite Second Order) The ratio of visual signal level to coherent disturbances shall not be less then 51 dB for noncoherent channel cable television systems. §(ii) The ratio of visual signal level to coherent disturbances which are frequency-coincident with the visual carrier shall not be less than 47 dB for coherent cable channel systems.

Digitrace, Inc.
FCC Proof-of-Performance Testing
Engineering Statement

Digitrace, located at 3099 E Hill Rd., Grand Blanc, Michigan, has been serving the cable television industry since 1983. The tests are conducted by Jeremy Duby. He has spent four of his five years in the industry calibrating test equipment and he has spent three years during the regulatory season performing proof of performance tests in many states throughout the Midwest and Southern regions. Jeremy has attended Baker College working towards a degree in Electrical Engineering.

Head end and hub testing is conducted to measure the visual frequency, differential of visual and aural frequencies, visual level, differential of visual and aural levels, visual depth of modulation, hum and low frequency disturbances and carrier to noise levels. The above tests are performed using a Hewlett Packard 8591C spectrum analyzer and its HP A-01.04 system monitor personality software.

A full bandwidth reference sweep trace is obtained using the Hewlett Packard 8591C spectrum analyzer along with the ComSonics "CyberteK"® Examiner. Test channels are swept to document in band flatness, carrier to noise levels, beats, and all other coherent disturbances. These tests are preformed using the Hewlett Packard 8591C spectrum analyzer along with a 30 dB head end amplifier and Hewlett Packard's 65711B CATV measurements personality software.

Visual and aural levels are measured four times within a 24 hour period on every active analog channel at each system test point. These tests are conducted using the Wavetek MS-1400® RF signal level logging meter. A full bandwidth system frequency response and low frequency disturbance measurements are recorded at each test point using the Hewlett Packard 8591C spectrum analyzer and it's 65711B CATV measurements personality software along with the ComSonics "CyberteK"® Examiner. Each test point is also examined for aural visual separation, in channel response, carrier to noise, composite triple beat and other coherent disturbances.

When required, test channels are measured for chrominance luminance delay, differential gain and differential phase using the Hewlett Packard 8591C spectrum analyzer and its 65711B CATV measurements personality software along with the ComSonics "CyberteK"® Examiner.

The Hewlett Packard 8591C spectrum analyzer (SN: 3829A02832) was calibrated at Agilent Technologies in August, 2005. It is the policy of Digitrace to calibrate all other test equipment used to perform these tests on a bi-annual basis immediately prior to the start of each test cycle. The following equipment was calibrated in December of 2005.

Manufacturer	Description	Model	Serial #
Tektronix	Test Signal Generator	TSG-95	B031978
Trilithic	Band Pass Filters	VF-4-XX	9426099
General Instrument	Head end Post Amp	PA-860	700031
General Instrument	Head end Post Amp	PA-860	700038
ComSonics	Examiner	Cybertek	101129-001

Wavetek Micro Stealth Meters MS-1400 and the CLI-1450, 24 hour signal level logging meters, Serial Numbers: 6050228, 6050227, 6050224, 6050230, 6050225, 6050229, 6050232, 6050226, 6050231, 6050233, 0053751, 0053812, 6343340, 1290468, 2370315, 2370316, 2370317 and 2370318.