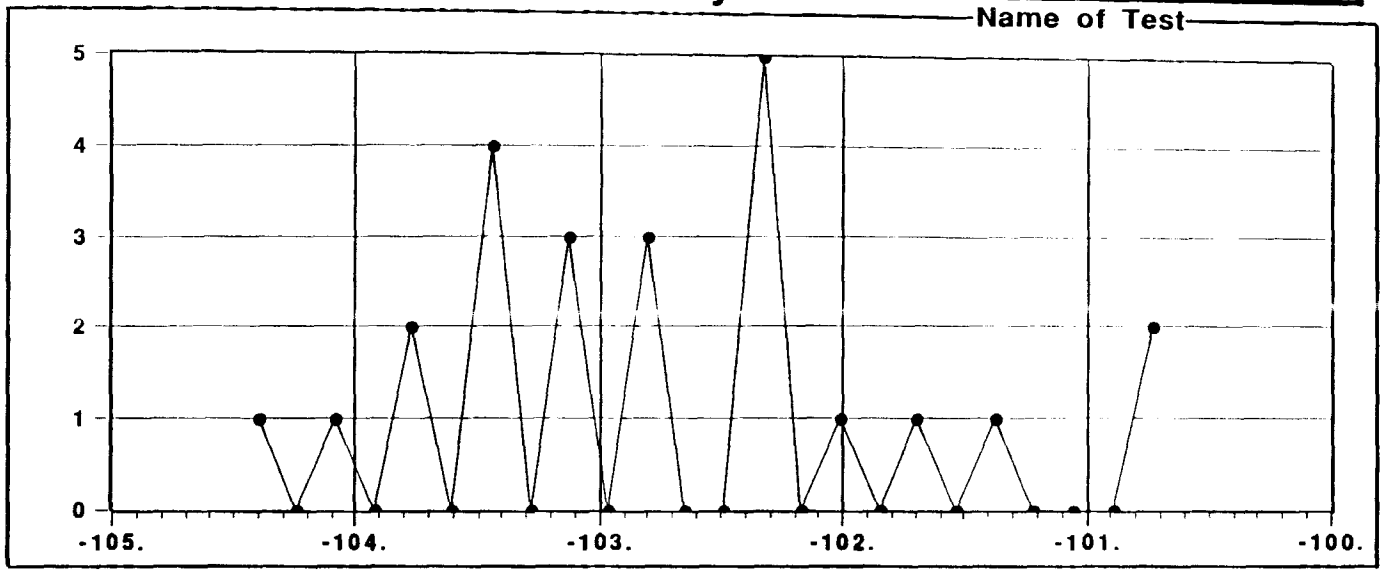
Number of NTSC Receivers vs NTSC Threshold of Visibility

016 Co-Channel Interference ATV Into NTSC (TOV, POU, RNG) GA.

Name of Test



Median Receivers	Recordable Receivers
6	6
16	
20	

-102.74	Mean	0.92	Standard Deviation	-102.33	Mode	0.00	Excursion to find Median
-102.74	Median	0.85	2nd Order Moment	0.85	Variance	0.00	Excursion to find Recordable

# Of Median Receivers	Coefficient of Variation (%)	Date	D Power
3	0.90	12:12:01 04191995	Weak

Vote Spread Analysis

NaN	Max Mean	NaN	Min Mean
NaN	Max Median	NaN	Min Median

Measurements 23 -103.40 Median Receivers 0 6 2 DPowerType

Number of Runs 3

SJS 4-19-95

RECEIVER-BY-RECEIVER TABULATIONS OF NTSC TOV, CCIR3/CCIR4, AND POU VOTING

Notes:

1. The power levels appearing in these tables are absolute levels of the Undesired signal. They constitute the "raw" data which have been combined with the nominal Desired power levels for each test to calculate the Desired/Undesired (D/U) ratios that appear in earlier sections of this Report.

2. The median CCIR3 and CCIR4 levels are the "preliminary" levels that result from voting on the 24 receivers. In many cases, a different "final" CCIR3 Reference Level appears in the tables elsewhere in this Report. See *Section III-4.3.5* for an explanation of the difference.

ATTC TEST #16

Co-Channel ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-84.1	-86.1	-86.1	-85.43	-69.07
A2	-85.1	-86.1	-82.1	-84.43	>-67.07
A3	-86.1	-89.1	-84.1	-86.43	-69.07
A4	-85.1	-84.1	-85.1	-84.77	-68.07
A5	-85.1	-88.1	-89.1	-87.43	-67.07
A6	-86.1	-87.1	-88.1	-87.10	-70.07
A7	-86.1	-85.1	-86.1	-85.77	>-67.07
A8	-87.1	-84.1	-83.1	-84.77	>-67.07
B1	-89.1	-88.1	-85.1	-87.43	-68.07
B2	-88.1	-89.1	-86.1	-87.77	-70.07
B3	-85.1	-85.1	-82.1	-84.10	-67.07
B4	-86.1	-84.1	-83.1	-84.43	>-67.07
B5	-89.1	-85.1	-84.1	-86.10	-67.07
B6	-89.1	-89.1	-85.1	-87.77	-67.07
B7	-93.1	-91.1	-87.1	-90.43	-71.07
B8	-89.1	-86.1	-84.1	-86.43	-69.07
C1	-83.1	-86.1	-87.1	-85.43	-68.07
C2	-85.1	-85.1	-83.1	-84.43	>-67.07
C3	-88.1	-86.1	-85.1	-86.43	>-67.07
C4	-88.1	-85.1	-87.1	-86.77	-69.07
C5	-87.1	-84.1	-86.1	-85.77	>-67.07
C6	-90.1	-88.1	-89.1	-89.10	-71.07
C7	-87.1	-87.1	-88.1	-87.43	-67.07
C8	-85.1	-86.1	-86.1	-85.77	>-67.07
Median				-86.27	-67.07

ATTC TEST # 16
Co-Channel ATV/NTSC
Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)					
	TOV				CCIR3	POU
	RUN #1	RUN #2	RUN #3	AVG.		
A1	-105.07	-103.07	-105.07	-104.40	-88.81	-73.07
A2	-101.07	-99.07	-102.07	-100.74	>-87.81	>-71.07
A3	-104.07	-102.07	-104.07	-103.40	-89.81	>-71.07
A4	-103.07	-103.07	-104.07	-103.40	>-87.81	>-71.07
A5	-103.07	-100.07	-103.07	-102.07	-88.81	-71.07
A6	-105.07	-101.07	-102.07	-102.74	-89.81	>-71.07
A7	-101.07	-103.07	-103.07	-102.40	>-87.81	-71.07
A8	-99.07	-102.07	-103.07	-101.40	>-87.81	>-71.07
B1	-103.07	-103.07	-105.07	-103.74	-88.81	>-71.07
B2	-103.07	-102.07	-104.07	-103.07	-88.81	-71.07
B3	-101.07	-99.07	-102.07	-100.74	>-87.81	>-71.07
B4	-102.07	-101.07	-102.07	-101.74	>-87.81	-71.07
B5	-102.07	-102.07	-105.07	-103.07	-88.81	-73.07
B6	-103.07	-103.07	-105.07	-103.74	-90.81	>-71.07
B7	-103.07	-104.07	-105.07	-104.07	-91.81	-71.07
B8	-102.07	-103.07	-103.07	-102.74	-87.81	-71.07
C1	-104.07	-101.07	-102.07	-102.40	-87.81	-72.07
C2	-102.07	-103.07	-102.07	-102.40	>-87.81	>-71.07
C3	-103.07	-105.07	-102.07	-103.40	>-87.81	>-71.07
C4	-102.07	-103.07	-103.07	-102.74	-88.81	-75.07
C5	-103.07	-101.07	-103.07	-102.40	>-87.81	>-71.07
C6	-102.07	-102.07	-103.07	-102.40	-92.81	-74.07
C7	-105.07	-103.07	-101.07	-103.07	>-87.81	-71.07
C8	-105.07	-105.07	-100.07	-103.40	>-87.81	>-71.07
Median				-102.74	-87.81	-71.07

ATTC TEST # 2

Upper Adjacent ATV/NTSC

Strong Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-27.59	-24.59	-22.59	-24.92	>-12.00
A2	-26.59	-35.59	-35.59	-32.59	>-12.00
A3	-29.59	-34.59	-39.59	-34.59	-13.00
A4	-23.59	-15.59	-12.59	-17.26	>-12.00
A5	-23.59	-32.59	-32.59	-29.59	-12.00
A6	-24.59	-22.59	-21.59	-22.92	>-12.00
A7	-30.59	-47.59	-45.59	-41.26	-22.00
A8	-31.59	-30.59	-28.59	-30.26	-15.00
B1	-20.59	-19.59	-21.59	-20.59	-13.00
B2	-16.59	-18.59	-20.59	-18.59	>-12.00
B3	-22.59	-22.59	-27.59	-24.26	-13.00
B4	-23.59	-33.59	-38.59	-31.92	-12.00
B5	-20.59	-27.59	-24.59	-24.26	-15.00
B6	-23.59	-26.59	-34.59	-28.26	-17.00
B7	-18.59	-24.59	-32.59	-25.26	>-12.00
B8	-22.59	-22.59	-31.59	-25.59	-16.00
C1	-36.59	-41.59	-38.59	-38.92	>-12.00
C2	-23.59	-23.59	-21.59	-22.92	>-12.00
C3	-22.59	-27.59	-21.59	-23.92	-12.00
C4	-20.59	-27.59	-18.59	-22.26	>-12.00
C5	-18.59	-24.59	-18.59	-20.59	>-12.00
C6	-25.59	-28.59	-21.59	-25.26	-15.00
C7	-39.59	-42.59	-37.59	-39.92	>-12.00
C8	-38.59	-43.59	-35.59	-39.26	-14.00
Median				-25.26	-12.00

ATTC TEST # 2

Upper Adjacent ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-29.08	-35.08	-34.08	-32.75	>-21.97
A2	-46.08	-49.08	-46.08	-47.08	>-21.97
A3	-47.08	-48.08	-44.08	-46.41	-22.97
A4	-24.08	-27.08	-26.08	-25.75	>-21.97
A5	-43.08	-47.08	-45.08	-45.08	-21.97
A6	-27.08	-39.08	-34.08	-33.41	>-21.97
A7	-52.08	-56.08	-55.08	-54.41	-31.97
A8	-37.08	-46.08	-39.08	-40.75	-25.97
B1	-31.08	-27.08	-27.08	-28.41	-21.97
B2	-30.08	-28.08	-26.08	-28.08	-21.97
B3	-47.08	-47.08	-46.08	-46.75	-25.97
B4	-48.08	-43.08	-42.08	-44.41	-22.97
B5	-34.08	-29.08	-28.08	-30.41	-24.97
B6	-39.08	-37.08	-32.08	-36.08	-28.97
B7	-32.08	-26.08	-29.08	-29.08	>-21.97
B8	-33.08	-31.08	-30.08	-31.41	-26.97
C1	-46.08	-43.08	-47.08	-45.41	>-21.97
C2	-31.08	-27.08	-32.08	-30.08	>-21.97
C3	-28.08	-26.08	-34.08	-29.41	-22.97
C4	-33.08	-30.08	-33.08	-32.08	>-21.97
C5	-30.08	-28.08	-31.08	-29.75	>-21.97
C6	-32.08	-29.08	-36.08	-32.41	-24.97
C7	-48.08	-47.08	-50.08	-48.41	-21.97
C8	-45.08	-45.08	-46.08	-45.41	-21.97
Median				-33.08	-21.97

ATTC TEST # 2

Upper Adjacent ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)					
	TOV				CCIR3	POU
	RUN #1	RUN #2	RUN #3	AVG.		
A1	-38.05	-43.05	-49.05	-43.38	>-38.09	>-34.05
A2	-64.05	-65.05	-68.05	-65.72	>-38.09	>-34.05
A3	-65.05	-61.05	-69.05	-65.05	-42.09	-41.05
A4	-40.05	-41.05	-54.05	-45.05	>-38.09	>-34.05
A5	-61.05	-64.05	-67.05	-64.05	-40.09	-36.05
A6	-56.05	-52.05	-57.05	-55.05	>-38.09	>-34.05
A7	-75.05	-65.05	-77.05	-72.38	-50.09	-51.05
A8	-59.05	-50.05	-62.05	-57.05	>-38.09	>-34.05
B1	-44.05	-48.05	-47.05	-46.38	-40.09	-35.05
B2	-38.05	-50.05	-41.05	-43.05	>-38.09	>-34.05
B3	-62.05	-64.05	-64.05	-63.38	-44.09	-43.05
B4	-63.05	-65.05	-62.05	-63.38	-42.09	>-34.05
B5	-49.05	-54.05	-48.05	-50.38	-43.09	-37.05
B6	-50.05	-60.05	-51.05	-53.72	-44.09	-34.05
B7	-38.05	-46.05	-42.05	-42.05	>-38.09	>-34.05
B8	-41.05	-59.05	-43.05	-47.72	-38.09	-34.05
C1	-69.05	-63.05	-64.05	-65.38	-39.09	-34.05
C2	-55.05	-51.05	-48.05	-51.38	-38.09	>-34.05
C3	-58.05	-46.05	-44.05	-49.38	>-38.09	>-34.05
C4	-62.05	-48.05	-47.05	-52.38	-38.09	>-34.05
C5	-50.05	-50.05	-49.05	-49.72	>-38.09	>-34.05
C6	-54.05	-44.05	-43.05	-47.05	>-38.09	-34.05
C7	-70.05	-67.05	-65.05	-67.38	-42.09	-39.05
C8	-71.05	-65.05	-60.05	-65.38	-42.09	-40.05
Median				-53.05	-38.09	-34.05

ATTC TEST # 9

Lower Adjacent ATV/NTSC

Strong Desired Power Level

RECEIVER	Undesired Power Level (dBm)					
	TOV				CCIR3	POU
	RUN #1	RUN #2	RUN #3	AVG.		
A1	-27.06	-24.06	-24.06	-25.06	-15.06	-11.94
A2	-20.06	-20.06	-20.06	-20.06	>-14.06	-11.94
A3	-29.06	-25.06	-26.06	-26.73	>-14.06	-11.94
A4	-22.06	-20.06	-20.06	-20.73	>-14.06	-11.94
A5	-24.06	-22.06	-22.06	-22.73	>-14.06	-11.94
A6	-30.06	-29.06	-29.06	-29.39	-14.06	-11.94
A7	-37.06	-35.06	-34.06	-35.39	-16.06	-11.94
A8	-29.06	-27.06	-28.06	-28.06	-19.06	-12.94
B1	-27.06	-25.06	-29.06	-27.06	-15.06	>-11.94
B2	-21.06	-22.06	-25.06	-22.73	>-14.06	>-11.94
B3	-33.06	-29.06	-31.06	-31.06	-16.06	>-11.94
B4	-22.06	-23.06	-24.06	-23.06	>-14.06	>-11.94
B5	-25.06	-24.06	-28.06	-25.73	-15.06	>-11.94
B6	-26.06	-24.06	-33.06	-27.73	-16.06	>-11.94
B7	-24.06	-27.06	-26.06	-25.73	>-14.06	>-11.94
B8	-30.06	-28.06	-28.06	-28.73	-14.06	>-11.94
C1	-23.06	-25.06	-21.06	-23.06	>-14.06	-11.94
C2	-23.06	-27.06	-23.06	-24.39	>-14.06	-11.94
C3	-24.06	-26.06	-24.06	-24.73	-15.06	-11.94
C4	-21.06	-24.06	-25.06	-23.39	>-14.06	-11.94
C5	-29.06	-34.06	-33.06	-32.06	-16.06	>-11.94
C6	-24.06	-26.06	-26.06	-25.39	>-14.06	>-11.94
C7	-21.06	-24.06	-24.06	-23.06	>-14.06	>-11.94
C8	-22.06	-28.06	-25.06	-25.06	-14.06	>-11.94
Median				-25.23	-14.06	>-11.94

*Based on expert observation and comment.

ATTC TEST # 9

Lower Adjacent ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)					
	TOV				CCIR3	POU
	RUN #1	RUN #2	RUN #3	AVG.		
A1	-33.06	-34.06	-33.06	-33.39	-24.96	-20.91
A2	-28.06	-35.06	-30.06	-31.06	>-20.96	>-14.91
A3	-35.06	-36.06	-36.06	-35.73	-20.96	-16.91
A4	-31.06	-29.06	-29.06	-29.73	>-20.96	>-14.91
A5	-31.06	-30.06	-32.06	-31.06	>-20.96	>-14.91
A6	-35.06	-38.06	-39.06	-37.39	>-20.96	-14.91
A7	-40.06	-42.06	-45.06	-42.39	-25.96	>-14.91
A8	-36.06	-36.06	-38.06	-36.73	-28.96	-23.91
B1	-36.06	-34.06	-34.06	-34.73	-24.96	-20.91
B2	-31.06	-28.06	-29.06	-29.39	>-20.96	>-14.91
B3	-41.06	-42.06	-40.06	-41.06	-24.96	-17.91
B4	-29.06	-28.06	-28.06	-28.39	>-20.96	>-14.91
B5	-34.06	-34.06	-34.06	-34.06	-20.96	-16.91
B6	-40.06	-36.06	-37.06	-37.73	-25.96	-20.91
B7	-38.06	-33.06	-31.06	-34.06	>-20.96	>-14.91
B8	-37.06	-39.06	-37.06	-37.73	-23.96	-18.91
C1	-32.06	-34.06	-37.06	-34.39	>-20.96	>-14.91
C2	-34.06	-33.06	-35.06	-34.06	-22.96	-18.91
C3	-30.06	-31.06	-32.06	-31.06	-20.96	-16.91
C4	-31.06	-33.06	-29.06	-31.06	>-20.96	>-14.91
C5	-43.06	-39.06	-40.06	-40.73	-25.96	>-14.91
C6	-44.06	-33.06	-33.06	-36.73	-22.96	-17.91
C7	-44.06	-30.06	-31.06	-35.06	>-20.96	>-14.91
C8	31.06	-31.06	-33.06	-31.73	>-20.96	>-14.91
Median				-34.23	-20.96	-14.91

ATTC TEST # 9

Lower Adjacent ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)					
	TOV				CCIR3	POU
	RUN #1	RUN #2	RUN #3	AVG.		
A1	-47.08	-47.08	-48.08	-47.41	>-39.04	>-28.91
A2	-45.08	-44.08	-45.08	-44.75	>-39.04	>-28.91
A3	-52.08	-53.08	-52.08	-52.41	-40.04	-35.91
A4	-45.08	-44.08	-45.08	-44.75	>-39.04	>-28.91
A5	-45.08	-48.08	-45.08	-46.08	>-39.04	>-28.91
A6	-58.08	-54.08	-54.08	-55.41	-42.04	-30.91
A7	-61.08	-57.08	-59.08	-59.08	-43.04	-28.91
A8	-53.08	-49.08	-48.08	-50.08	>-39.04	-32.91
B1	-49.08	-50.08	-50.08	-49.75	-40.04	-32.91
B2	-48.08	-43.08	-46.08	-45.75	>-39.04	>-28.91
B3	-59.08	-56.08	-57.08	-57.41	-43.04	-28.91
B4	-46.08	-45.08	-45.08	-45.41	>-39.04	>-28.91
B5	-50.08	-49.08	-49.08	-49.41	-40.04	-30.91
B6	-53.08	-53.08	-55.08	-53.75	-42.04	-32.91
B7	-48.08	-49.08	-51.08	-49.41	>-39.04	>-28.91
B8	-54.08	-52.08	-54.08	-53.41	-43.04	-33.91
C1	-47.08	-46.08	-53.08	-48.75	>-39.04	-28.91
C2	-49.08	-50.08	-55.08	-51.41	-39.04	-32.91
C3	-48.08	-45.08	-52.08	-48.41	-39.04	-33.91
C4	-46.08	-49.08	-48.08	-47.75	>-39.04	>-28.91
C5	-52.08	-58.08	-57.08	-55.75	-45.04	-29.91
C6	-46.08	-49.08	-50.08	-48.41	-40.04	>-28.91
C7	-47.08	-48.08	-47.08	-47.41	>-39.04	-28.91
C8	-48.08	-48.08	-50.08	-48.75	>-39.04	>-28.91
Median				-49.08	-39.04	-28.91

ATTC TEST # 20

N-8 Ch. UHF Taboo ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR4
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-22.06	-22.06	-23.06	-22.39	>-11.05
A2	-19.06	-11.06	-16.06	-15.39	>-11.05
A3	-17.06	-14.06	-20.06	-17.06	>-11.05
A4	-22.06	-24.06	-22.06	-22.73	>-11.05
A5	-14.06	-13.06	-15.06	-14.06	>-11.05
A6	-20.06	-17.06	-21.06	-19.39	>-11.05
A7	-13.06	-11.06	-12.06	-12.06	>-11.05
A8	-25.06	-25.06	-25.06	-25.06	-12.05
B1	-24.06	-25.06	-24.06	-24.39	-15.05
B2	-22.06	-25.06	-21.06	-22.73	>-11.05
B3	-15.06	-15.06	-14.06	-14.73	>-11.05
B4	-11.06	-12.06	-12.06	-11.73	>-11.05
B5	-18.06	-27.06	-19.06	-21.39	-12.05
B6	-14.06	-28.06	-14.06	-18.73	>-11.05
B7	-18.06	-20.06	-18.06	-18.73	>-11.05
B8	-21.06	-24.06	-24.06	-23.06	-12.05
C1	-13.06	-15.06	-11.06	-13.06	>-11.05
C2	-23.06	-22.06	-21.06	-22.06	-14.05
C3	-17.06	-15.06	-13.06	-15.06	>-11.05
C4	-20.06	-20.06	-17.06	-19.06	>-11.05
C5	-26.06	-19.06	-15.06	-20.06	>-11.05
C6	-28.06	-22.06	-22.06	-24.06	>-11.05
C7	-11.06	-11.06	-11.06	-11.06	>-11.05
C8	-11.06	-12.06	-11.06	-11.39	>-11.05
Median				-18.89	>-11.05

ATTC TEST # 20

N-8 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-23.05	-24.05	-22.05	-23.05	-11.13
A2	-21.05	-22.05	-22.05	-21.72	-11.13
A3	-25.05	-29.05	-26.05	-26.72	-13.13
A4	-28.05	-30.05	-26.05	-28.05	-13.13
A5	-12.05	-13.05	-13.05	-12.72	>-11.13
A6	-24.05	-26.05	-21.05	-23.72	-11.13
A7	-18.05	-19.05	-15.05	-17.38	>-11.13
A8	-28.05	-31.05	-28.05	-29.05	-13.13
B1	-29.05	-24.05	-26.05	-26.38	-13.13
B2	-33.05	-25.05	-28.05	-28.72	-14.13
B3	-22.05	-20.05	-20.05	-20.72	>-11.13
B4	-12.05	-12.05	-11.05	-11.72	>-11.13
B5	-19.05	-21.05	-17.05	-19.05	>-11.13
B6	-15.05	-12.05	-12.05	-13.05	>-11.13
B7	-26.05	-25.05	-23.05	-24.72	-13.13
B8	-42.05	-38.05	-38.05	-39.38	-23.13
C1	-28.05	-30.05	-28.05	-28.72	-14.13
C2	-22.05	-22.05	-23.05	-22.38	>-11.13
C3	-14.05	-13.05	-16.05	-14.38	>-11.13
C4	-28.05	-27.05	-30.05	-28.38	-13.13
C5	-28.05	-28.05	-31.05	-29.05	-14.13
C6	-23.05	-23.05	-25.05	-23.72	-14.13
C7	-12.05	-12.05	-14.05	-12.72	>-11.13
C8	-12.05	-11.05	-12.05	-11.72	>-11.13
Median				-23.38	-11.13

ATTC TEST # 248

N-3 Ch. UHF Taboo ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR4
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-20.05	-20.05	-21.05	-20.38	-15.05
A2	-14.05	-21.05	-13.05	-16.05	>-13.05
A3	-15.05	-19.05	-16.05	-16.72	>-13.05
A4	-13.05	-14.05	-13.05	-13.38	>-13.05
A5	-15.05	-16.05	-16.05	-15.72	>-13.05
A6	-17.05	-16.05	-17.05	-16.72	>-13.05
A7	-17.05	-18.05	-19.05	-18.05	>-13.05
A8	-15.05	-15.05	-15.05	-15.05	>-13.05
B1	-20.05	-21.05	-19.05	-20.05	-15.05
B2	-14.05	-15.05	-15.05	-14.72	>-13.05
B3	-18.05	-20.05	-19.05	-19.05	-13.05
B4	-13.05	-13.05	-13.05	-13.05	>-13.05
B5	-22.05	-19.05	-19.05	-20.05	-13.05
B6	-20.05	-21.05	-21.05	-20.72	-15.05
B7	-15.05	-14.05	-15.05	-14.72	>-13.05
B8	-19.05	-19.05	-20.05	-19.38	-15.05
C1	-13.05	-13.05	-16.05	-14.05	>-13.05
C2	-23.05	-22.05	-24.05	-23.05	-17.05
C3	-17.05	-17.05	-17.05	-17.05	>-13.05
C4	-20.05	-19.05	-21.05	-20.05	-15.05
C5	-16.05	-17.05	-18.05	-17.05	>-13.05
C6	-13.05	-14.05	-15.05	-14.05	>-13.05
C7	-13.05	-14.05	-15.05	-14.05	>-13.05
C8	-15.05	-15.05	-17.05	-15.72	>-13.05
Median				-16.72	>-13.05

ATTC TEST # 248

N-3 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-18.94	-22.94	-21.94	-21.27	>-18.19
A2	-17.94	-16.94	-15.94	-16.94	>-18.19
A3	-30.94	-29.94	-29.94	-30.27	-24.19
A4	-23.94	-23.94	-24.94	-24.27	>-18.19
A5	-16.94	-18.94	-18.94	-18.27	>-18.19
A6	-31.94	-25.94	-24.94	-27.61	-18.19
A7	-26.94	-27.94	-27.94	-27.61	-21.19
A8	-21.94	-22.94	-22.94	-22.61	>-18.19
B1	-29.94	-28.94	-30.94	-29.94	-23.19
B2	-20.94	-23.94	-21.94	-22.27	>-18.19
B3	-28.94	-29.94	-29.94	-29.61	-21.19
B4	-12.94	-13.94	-13.94	-13.61	>-18.19
B5	-37.94	-31.94	-32.94	-34.27	-25.19
B6	-23.94	-22.94	-22.94	-23.27	>-18.19
B7	-26.94	-26.94	-28.94	-27.61	-19.19
B8	-37.94	-36.94	-34.94	-36.61	-28.19
C1	-36.94	-36.94	-36.94	-36.94	-28.19
C2	-26.94	-24.94	-26.94	-26.27	-18.19
C3	-17.94	-19.94	-20.94	-19.61	>-18.19
C4	-28.94	-26.94	-28.94	-28.27	-21.19
C5	-27.94	-29.94	-29.94	-29.27	-21.19
C6	-19.94	-16.94	-18.94	-18.61	>-18.19
C7	-18.94	-14.94	-14.94	-16.27	>-18.19
C8	-17.94	-15.94	-17.94	-17.27	>-18.19
Median				-25.27	-18.19

ATTC TEST # 28

N-2 Ch. UHF Taboo ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR4
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-24.33	-25.33	-25.33	-25.00	-19.38
A2	-14.33	-15.33	-16.33	-15.33	>-13.38
A3	-18.33	-19.33	-21.33	-19.66	-13.38
A4	-19.33	-20.33	-20.33	-20.00	-13.38
A5	-15.33	-17.33	-17.33	-16.66	>-13.38
A6	-21.33	-20.33	-20.33	-20.66	-14.38
A7	-22.33	-23.33	-24.33	-23.33	-17.38
A8	-19.33	-21.33	-21.33	-20.66	-13.38
B1	-29.33	-29.33	-29.33	-29.33	-24.38
B2	-19.33	-18.33	-16.33	-18.00	>-13.38
B3	-24.33	-23.33	-23.33	-23.66	-18.38
B4	-15.33	-16.33	-14.33	-15.33	>-13.38
B5	-22.33	-21.33	-20.33	-21.33	-16.38
B6	-29.33	-28.33	-25.33	-27.66	-22.38
B7	-20.33	-20.33	-19.33	-20.00	-15.38
B8	-28.33	-29.33	-27.33	-28.33	-23.38
C1	-17.33	-14.33	-16.33	-16.00	>-13.38
C2	-25.33	-24.33	-26.33	-25.33	-19.38
C3	-19.33	-19.33	-19.33	-19.33	>-13.38
C4	-22.33	-21.33	-21.33	-21.66	-15.38
C5	-16.33	-15.33	-17.33	-16.33	>-13.38
C6	-20.33	-18.33	-18.33	-19.00	-13.38
C7	-17.33	-17.33	-17.33	-17.33	>-13.38
C8	-16.33	-16.33	-18.33	-17.00	>-13.38
Median				-20.00	-13.38

ATTC TEST # 28

N-2 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-28.10	-27.10	-31.10	-28.77	>-24.13
A2	-23.10	-24.10	-24.10	-23.77	>-24.13
A3	-32.10	-32.10	-30.10	-31.43	-25.13
A4	-30.10	-29.10	-29.10	-29.43	>-24.13
A5	-26.10	-24.10	-26.10	-25.43	>-24.13
A6	-33.10	-30.10	-30.10	-31.10	>-24.13
A7	-35.10	-33.10	-35.10	-34.43	-27.13
A8	-29.10	-25.10	-28.10	-27.43	>-24.13
B1	-34.10	-35.10	-38.10	-35.77	-30.13
B2	-27.10	-27.10	-29.10	-27.77	>-24.13
B3	-31.10	-33.10	-34.10	-32.77	-26.13
B4	-21.10	-18.10	-20.10	-19.77	>-24.13
B5	-39.10	-39.10	-39.10	-39.10	-33.13
B6	-32.10	-31.10	-32.10	-31.77	-24.13
B7	-29.10	-30.10	-30.10	-29.77	-25.13
B8	-41.10	-43.10	-42.10	-42.10	-36.13
C1	-38.10	-38.10	-36.10	-37.43	-29.13
C2	-35.10	-35.10	-33.10	-34.43	-27.13
C3	-29.10	-36.10	-29.10	-31.43	>-24.13
C4	-32.10	-34.10	-30.10	-32.10	-26.13
C5	-31.10	-33.10	-31.10	-31.77	-25.13
C6	-25.10	-28.10	-28.10	-27.10	>-24.13
C7	-23.10	-23.10	-25.10	-23.77	>-24.13
C8	-24.10	-25.10	-23.10	-24.10	>-24.13
Median				-31.27	-24.13

ATTC TEST # 32

N+2 Ch. UHF Taboo ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR4
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-18.37	-16.37	-19.37	-18.04	>-14.62
A2	-14.37	-17.37	-16.37	-16.04	>-14.62
A3	-14.37	-18.37	-16.37	-16.37	>-14.62
A4	-14.37	-16.37	-15.37	-15.37	>-14.62
A5	-18.37	-16.37	-18.37	-17.70	>-14.62
A6	-18.37	-15.37	-18.37	-17.37	>-14.62
A7	-16.37	-15.37	-16.37	-16.04	>-14.62
A8	-23.37	-23.37	-23.37	-23.37	-16.62
B1	-28.37	-30.37	-28.37	-29.04	-22.62
B2	-19.37	-19.37	-17.37	-18.70	>-14.62
B3	-19.37	-20.37	-19.37	-19.70	>-14.62
B4	-14.37	-17.37	-15.37	-15.70	>-14.62
B5	-17.37	-18.37	-17.37	-17.70	>-14.62
B6	-15.37	-17.37	-15.37	-16.04	>-14.62
B7	-17.37	-16.37	-16.37	-16.70	>-14.62
B8	-23.37	-24.37	-23.37	-23.37	-19.62
C1	-18.37	-16.37	-22.37	-19.04	>-14.62
C2	-27.37	-26.37	-25.37	-26.37	-20.62
C3	-18.37	-16.37	-17.37	-17.37	>-14.62
C4	-20.37	-19.37	-19.37	-19.70	>-14.62
C5	-19.37	-17.37	-21.37	-19.37	>-14.62
C6	-17.37	-16.37	-15.37	-16.37	>-14.62
C7	-16.37	-17.37	-18.37	-17.37	>-14.62
C8	-16.37	-17.37	-18.37	-17.37	>-14.62
Median				-17.54	>-14.62

ATTC TEST # 32

N+2 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-21.90	-19.90	-19.90	-20.57	>-17.93
A2	-20.90	-18.90	-24.90	-21.57	>-17.93
A3	-28.90	-27.90	-26.90	-27.90	-20.93
A4	-24.90	-25.90	-22.90	-24.57	>-17.93
A5	-27.90	-24.90	-22.90	-25.23	>-17.93
A6	-25.90	-24.90	-27.90	-26.23	-17.93
A7	-23.90	-21.90	-26.90	-24.23	>-17.93
A8	-28.90	-26.90	-28.90	-28.23	-18.93
B1	-34.90	-33.90	-36.90	-35.23	-27.93
B2	-28.90	-29.90	-29.90	-29.57	-20.93
B3	-28.90	-26.90	-29.90	-28.57	-20.93
B4	-21.90	-21.90	-22.90	-22.23	>-17.93
B5	-33.90	-32.90	-34.90	-33.90	-27.93
B6	-18.90	-19.90	-20.90	-19.90	>-17.93
B7	-25.90	-28.90	-28.90	-27.90	-19.93
B8	-39.90	-37.90	-40.90	-39.57	-33.93
C1	-36.90	-39.90	-35.90	-37.57	-28.93
C2	-35.90	-39.90	-36.90	-37.57	-30.93
C3	-31.90	-23.90	-21.90	-25.90	>-17.93
C4	-28.90	-27.90	-26.90	-27.90	-17.93
C5	-29.90	-28.90	-29.90	-29.57	-20.93
C6	-30.90	-21.90	-19.90	-24.23	>-17.93
C7	-27.90	-22.90	-22.90	-24.57	>-17.93
C8	-25.90	-24.90	-23.90	-24.90	>-17.93
Median				-27.07	-17.93

ATTC TEST # 249

N+3 Ch. UHF Taboo ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR4
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-13.54	-15.54	-13.54	-14.21	>-12.29
A2	-20.54	-13.54	-12.54	-15.54	>-12.29
A3	-21.54	-16.54	-13.54	-17.21	>-12.29
A4	-14.54	-15.54	-15.54	-15.21	>-12.29
A5	-16.54	-15.54	-16.54	-16.21	>-12.29
A6	-18.54	-19.54	-15.54	-17.87	>-12.29
A7	-15.54	-12.54	-11.54	-13.21	>-12.29
A8	-17.54	-15.54	-15.54	-16.21	>-12.29
B1	-22.54	-20.54	-21.54	-21.54	-16.29
B2	-13.54	-12.54	-12.54	-12.87	>-12.29
B3	-15.54	-13.54	-13.54	-14.21	>-12.29
B4	-12.54	-11.54	-13.54	-12.54	>-12.29
B5	-19.54	-17.54	-22.54	-19.87	-13.29
B6	-11.54	-12.54	-14.54	-12.87	>-12.29
B7	-11.54	-13.54	-19.54	-14.87	>-12.29
B8	-14.54	-13.54	-14.54	-14.21	>-12.29
C1	-11.54	-14.54	-12.54	-12.87	>-12.29
C2	-24.54	-20.54	-24.54	-23.21	-17.29
C3	-15.54	-15.54	-14.54	-15.21	>-12.29
C4	-18.54	-17.54	-19.54	-18.54	-12.29
C5	-12.54	-14.54	-13.54	-13.54	>-12.29
C6	-14.54	-16.54	-14.54	-15.21	>-12.29
C7	-15.54	-15.54	-14.54	-15.21	>-12.29
C8	-15.54	-15.54	-15.54	-15.54	>-12.29
Median				-15.21	>-12.29

ATTC TEST # 249

N+3 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-18.54	-19.54	-14.54	-17.54	>-12.79
A2	-19.54	-20.54	-18.54	-19.54	>-12.79
A3	-26.54	-26.54	-26.54	-26.54	-20.79
A4	-21.54	-23.54	-17.54	-20.87	>-12.79
A5	-21.54	-21.54	-19.54	-20.87	-12.79
A6	-19.54	-25.54	-19.54	-21.54	>-12.79
A7	-17.54	-22.54	-16.54	-18.87	>-12.79
A8	-21.54	-24.54	-20.54	-22.21	-13.79
B1	-32.54	-31.54	-30.54	-31.54	-24.79
B2	-16.54	-20.54	-19.54	-18.87	-12.79
B3	-20.54	-22.54	-23.54	-22.21	-14.79
B4	-14.54	-16.54	-16.54	-15.87	>-12.79
B5	-21.54	-23.54	-23.54	-22.87	-15.79
B6	-13.54	-13.54	-13.54	-13.54	>-12.79
B7	-22.54	-24.54	-22.54	-23.21	-18.79
B8	-33.54	-32.54	-31.54	-32.54	-24.79
C1	-27.54	-25.54	-26.54	-26.54	-18.79
C2	-32.54	-32.54	-31.54	-32.21	-24.79
C3	-11.54	-14.54	-14.54	-13.54	>-12.79
C4	-22.54	-20.54	-19.54	-20.87	-13.79
C5	-25.54	-24.54	-25.54	-25.21	-18.79
C6	-12.54	-14.54	-17.54	-14.87	>-12.79
C7	-17.54	-19.54	-21.54	-19.54	>-12.79
C8	-19.54	-20.54	-22.54	-20.87	>-12.79
Median				-20.87	-12.79

ATTC TEST # 36

N+4 Ch. UHF Taboo ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR4
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-18.12	-19.12	-15.12	-17.45	>-10.87
A2	-11.12	-20.12	-13.12	-14.79	>-10.87
A3	-29.12	-27.12	-29.12	-28.45	-22.87
A4	-19.12	-18.12	-19.12	-18.79	-10.87
A5	-17.12	-14.12	-17.12	-16.12	>-10.87
A6	-20.12	-18.12	-19.12	-19.12	-11.87
A7	-14.12	-11.12	-12.12	-12.45	>-10.87
A8	-17.12	-15.12	-15.12	-15.79	>-10.87
B1	-22.12	-23.12	-22.12	-22.45	-14.87
B2	-17.12	-18.12	-18.12	-17.79	-10.87
B3	-19.12	-19.12	-19.12	-19.12	-12.87
B4	-15.12	-16.12	-16.12	-15.79	>-10.87
B5	-21.12	-18.12	-17.12	-18.79	-11.87
B6	-13.12	-13.12	-12.12	-12.79	>-10.87
B7	-29.12	-29.12	-28.12	-28.79	-21.87
B8	-18.12	-19.12	-19.12	-18.79	-10.87
C1	-18.12	-17.12	-18.12	-17.79	>-10.87
C2	-22.12	-23.12	-19.12	-21.45	-10.87
C3	-14.12	-15.12	-12.12	-13.79	>-10.87
C4	-16.12	-16.12	-15.12	-15.79	-10.87
C5	-15.12	-15.12	-16.12	-15.45	>-10.87
C6	-13.12	-12.12	-11.12	-12.12	>-10.87
C7	-13.12	-14.12	-14.12	-13.79	>-10.87
C8	-13.12	-14.12	-17.12	-14.79	>-10.87
Median				-16.79	>-10.87

ATTC TEST # 36

N+4 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-25.04	-30.04	-26.04	-27.04	>-24.04
A2	-30.04	-34.04	-29.04	-31.04	>-24.04
A3	-42.04	-44.04	-45.04	-43.71	-38.04
A4	-31.04	-31.04	-30.04	-30.71	-24.04
A5	-27.04	-27.04	-31.04	-28.37	>-24.04
A6	-33.04	-33.04	-34.04	-33.37	-27.04
A7	-25.04	-32.04	-28.04	-28.37	>-24.04
A8	-29.04	-28.04	-27.04	-28.04	>-24.04
B1	-34.04	-35.04	-37.04	-35.37	-30.04
B2	-30.04	-30.04	-30.04	-30.04	-24.04
B3	-33.04	-34.04	-33.04	-33.37	-27.04
B4	-28.04	-28.04	-27.04	-27.71	>-24.04
B5	-26.04	-26.04	-25.04	-25.71	>-24.04
B6	-23.04	-23.04	-21.04	-22.37	>-24.04
B7	-40.04	-42.04	-42.04	-41.37	-37.04
B8	-35.04	-36.04	-32.04	-34.37	-28.04
C1	-37.04	-36.04	-34.04	-35.71	-29.04
C2	-39.04	-38.04	-36.04	-37.71	-30.04
C3	-26.04	-23.04	-24.04	-24.37	>-24.04
C4	-31.04	-31.04	-30.04	-30.71	-24.04
C5	-31.04	-29.04	-30.04	-30.04	-25.04
C6	-22.04	-22.04	-21.04	-21.71	>-24.04
C7	-27.04	-26.04	-23.04	-25.37	>-24.04
C8	-30.04	-28.04	-27.04	-28.37	>-24.04
Median				-30.04	-24.04

ATTC TEST # 44

N+8 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-13.95	-11.95	-13.95	-13.28	>-9.95
A2	-9.95	-9.95	-11.95	-10.62	>-9.95
A3	-18.95	-16.95	-16.95	-17.62	>-9.95
A4	-9.95	-10.95	-14.95	-11.95	>-9.95
A5	-10.95	-9.95	-10.95	-10.62	>-9.95
A6	-18.95	-21.95	-15.95	-18.95	>-9.95
A7	-13.95	-14.95	-13.95	-14.28	>-9.95
A8	-9.95	-9.95	-10.95	-10.28	>-9.95
B1	-13.95	-15.95	-18.95	-16.28	>-9.95
B2	-9.95	-9.95	-9.95	-9.95	>-9.95
B3	-14.95	-14.95	-19.95	-16.62	>-9.95
B4	-9.95	-11.95	-9.95	-10.62	>-9.95
B5	-9.95	-10.95	-9.95	-10.28	>-9.95
B6	-11.95	-9.95	-12.95	-11.62	>-9.95
B7	-10.95	-12.95	-14.95	-12.95	>-9.95
B8	-9.95	-10.95	-14.95	-11.95	>-9.95
C1	-12.95	-11.95	-13.95	-12.95	>-9.95
C2	-17.95	-19.95	-17.95	-18.62	>-9.95
C3	-9.95	-12.95	-9.95	-10.95	>-9.95
C4	-11.95	-9.95	-10.95	-10.95	>-9.95
C5	-26.95	-27.95	-24.95	-26.62	>-9.95
C6	-10.95	-9.95	-10.95	-10.62	>-9.95
C7	-10.95	-9.95	-10.95	-10.62	>-9.95
C8	-12.95	-10.95	-9.95	-11.28	>-9.95
Median				-11.78	>-9.95

ATTC TEST # 48

N+14 Ch. UHF Taboo ATV/NTSC

Moderate Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR4
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-14.09	-12.09	-12.09	-12.76	>-12.09
A2	-15.09	-14.09	-18.09	-15.76	-17.09
A3	-16.09	-12.09	-14.09	-14.09	-13.09
A4	-12.09	-12.09	-12.09	-12.09	>-12.09
A5	-18.09	-12.09	-14.09	-14.76	-13.09
A6	-17.09	-15.09	-17.09	-16.42	-14.09
A7	-12.09	-12.09	-12.09	-12.09	>-12.09
A8	-13.09	-12.09	-12.09	-12.42	>-12.09
B1	-12.09	-14.09	-12.09	-12.76	>-12.09
B2	-12.09	-12.09	-12.09	-12.09	>-12.09
B3	-12.09	-12.09	-12.09	-12.09	>-12.09
B4	-12.09	-12.09	-15.09	-13.09	>-12.09
B5	-21.09	-24.09	-21.09	-22.09	-20.09
B6	-19.09	-18.09	-17.09	-18.09	-17.09
B7	-12.09	-12.09	-12.09	-12.09	>-12.09
B8	-12.09	-12.09	-13.09	-12.42	>-12.09
C1	-17.09	-16.09	-14.09	-15.76	-15.09
C2	-13.09	-12.09	-12.09	-12.42	>-12.09
C3	-15.09	-14.09	-14.09	-14.42	>-12.09
C4	-12.09	-12.09	-12.09	-12.09	>-12.09
C5	-21.09	-23.09	-19.09	-21.09	-19.09
C6	-14.09	-15.09	-12.09	-13.76	>-12.09
C7	-12.09	-12.09	-12.09	-12.09	>-12.09
C8	-12.09	-13.09	-12.09	-12.42	>-12.09
Median				-12.76	>-12.09

ATTC TEST # 48

N+14 Ch. UHF Taboo ATV/NTSC

Weak Desired Power Level

RECEIVER	Undesired Power Level (dBm)				
	TOV				CCIR3
	RUN #1	RUN #2	RUN #3	AVG.	
A1	-27.12	-26.12	-24.12	-25.79	>-20.62
A2	-38.12	-37.12	-37.12	-37.45	-32.62
A3	-24.12	-25.12	-24.12	-24.45	-20.62
A4	-20.12	-21.12	-20.12	-20.45	>-20.62
A5	-30.12	-31.12	-31.12	-30.79	-26.62
A6	-31.12	-30.12	-34.12	-31.79	-28.62
A7	-29.12	-28.12	-26.12	-27.79	-21.62
A8	-15.12	-30.12*	-14.12	-19.79	>-20.62
B1	-28.12	-29.12	-27.12	-28.12	-22.62
B2	-17.12	-16.12	-17.12	-16.79	>-20.62
B3	-20.12	-20.12	-20.12	-20.12	>-20.62
B4	-28.12	-28.12	-28.12	-28.12	-25.62
B5	-32.12	-35.12	-34.12	-33.79	-29.62
B6	-30.12	-32.12	-33.12	-31.79	-31.62
B7	-18.12	-17.12	-17.12	-17.45	>-20.62
B8	-22.12	-15.12	-21.12	-19.45	>-20.62
C1	-32.12	-32.12	-28.12	-30.79	-28.62
C2	-24.12	-22.12	-25.12	-23.79	>-20.62
C3	-28.12	-28.12	-26.12	-27.45	-25.62
C4	-15.12	-18.12	-15.12	-16.12	>-20.62
C5	-35.12	-37.12	-36.12	-36.12	-31.62
C6	-21.12	-20.12	-23.12	-21.45	>-20.62
C7	-24.12	-24.12	-24.12	-24.12	>-20.62
C8	-26.12	-25.12	-24.12	-25.12	>-20.62
Median				-25.45	-20.62

* This vote was later determined to be invalid. The median TOV was unaffected. However, the corrected AVG TOV for this receiver is -14.62 dBm.