TABLE 5-23. Motorola WSD Prototype (Test Mode) Results at Test Site 4.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD			
						L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	-	N	N	-	-	-	-	-	-
22	NTSC	Y	Y	NTSC	-63.1	-	-	-	-
23	NTSC	Y	Y	NTSC	-48.2	-	-	-	-
24	NTSC	Y	Y	NTSC	-67.5	-	-	-	-
25	NTSC	Y	Y	NTSC	-66.6	-	-	-	-
26	NTSC	Y	Y	NTSC	-47.5	-	-	-	-
27	ATSC	Y	Y	ATSC	-47.3	O	O	O	O
28	ATSC	Y	N	-	-	-	-	-	-
29	ATSC	Y	Y	ATSC	-77.0	O	O	O	O
30	ATSC	Y	Y	ATSC	-78.1	O	O	A	O
31	NTSC	N	N	-	-	-	-	-	-
32	NTSC	Y	Y	NTSC	-42.2	-	-	-	-
33	ATSC	Y	Y	ATSC	-46.7	A	A	A	A
34	ATSC	Y	Y	ATSC	-37.2	O	O	O	O
35	ATSC	Y	Y	ATSC	-49.7	O	O	O	O
36	ATSC	Y	Y	ATSC	-45.5	O	O	O	O
38	ATSC	Y	Y	ATSC	-70.8	O	O	O	O
39	ATSC	Y	Y	ATSC	-45.7	O	O	O	O
40	ATSC	Y	Y	ATSC	-68.7	O	O	O	O
41	ATSC	Y	N	-	-	O	O	-	O
42	ATSC	Y	Y	ATSC	-74.0	O	O	O	O
43	ATSC	Y	Y	ATSC	-75.6	O	O	O	O
44	-	N	N	ATSC	-	A	A	A	A
45	NTSC	Y	Y	NTSC	-69.4	-	-	-	-
46	ATSC	Y	Y	ATSC	-68.9	O	O	O	O
47	NTSC	Y	Y	NTSC	-84.3	-	-	-	-
48	ATSC	Y	Y	ATSC	-52.1	O	O	O	O
49	NTSC	Y	Y	NTSC	-66.7	-	-	-	-
50	NTSC	Y	Y	NTSC	-40.0	-	-	-	-
51	ATSC	Y	Y	ATSC	-53.1	O	O	O	O

NOTE: In the test mode this device detects only ATSC signals (*i.e.*, no NTSC detection capability).

TABLE 5-24. Motorola WSD Prototype (Normal Mode) Results at Test Site 4.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD	
						L1/ S1	L2/ S1
21	-	N	N	-	-	A	A
22	NTSC	Y	Y	NTSC	-63.1	O	O
23	NTSC	Y	Y	NTSC	-48.2	O	O
24	NTSC	Y	Y	NTSC	-67.5	O	O
25	NTSC	Y	Y	NTSC	-66.6	O	O
26	NTSC	Y	Y	NTSC	-47.5	O	O
27	ATSC	Y	Y	ATSC	-47.3	O	O
28	ATSC	Y	N	-	-	O	O
29	ATSC	Y	Y	ATSC	-77.0	O	O
30	ATSC	Y	Y	ATSC	-78.1	O	O
31	NTSC	N	N	-	-	A	A
32	NTSC	Y	Y	NTSC	-42.2	O	O
33	ATSC	Y	Y	ATSC	-46.7	O	O
34	ATSC	Y	Y	ATSC	-37.2	O	O
35	ATSC	Y	Y	ATSC	-49.7	O	O
36	ATSC	Y	Y	ATSC	-45.5	O	O
38	ATSC	Y	Y	ATSC	-70.8	O	O
39	ATSC	Y	Y	ATSC	-45.7	O	O
40	ATSC	Y	Y	ATSC	-68.7	O	O
41	ATSC	Y	N	-	-	O	O
42	ATSC	Y	Y	ATSC	-74.0	O	O
43	ATSC	Y	Y	ATSC	-75.6	O	O
44	-	N	N	ATSC	-	A	A
45	NTSC	Y	Y	NTSC	-69.4	O	O
46	ATSC	Y	Y	ATSC	-68.9	O	O
47	NTSC	Y	Y	NTSC	-84.3	O	O
48	ATSC	Y	Y	ATSC	-52.1	O	O
49	NTSC	Y	Y	NTSC	-66.7	O	O
50	NTSC	Y	Y	NTSC	-40.0	O	O
51	ATSC	Y	Y	ATSC	-53.1	O	O

TABLE 5-25. Philips WSD Prototype Results at Test Site 4.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD			
						L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	-	N	N	-	-	O	O	O	O
22	NTSC	Y	Y	NTSC	-63.1	O	O	O	O
23	NTSC	Y	Y	NTSC	-48.2	O	O	O	O
24	NTSC	Y	Y	NTSC	-67.5	O	O	O	O
25	NTSC	Y	Y	NTSC	-66.6	O	O	O	O
26	NTSC	Y	Y	NTSC	-47.5	O	O	O	O
27	ATSC	Y	Y	ATSC	-47.3	O	O	O	O
28	ATSC	Y	N	-	-	O	O	O	O
29	ATSC	Y	Y	ATSC	-77.0	O	O	O	O
30	ATSC	Y	Y	ATSC	-78.1	O	O	O	O
31	NTSC	N	N	-	-	O	O	O	A
32	NTSC	Y	Y	NTSC	-42.2	O	O	O	O
33	ATSC	Y	Y	ATSC	-46.7	O	O	O	O
34	ATSC	Y	Y	ATSC	-37.2	O	O	O	O
35	ATSC	Y	Y	ATSC	-49.7	O	O	O	O
36	ATSC	Y	Y	ATSC	-45.5	O	O	O	O
38	ATSC	Y	Y	ATSC	-70.8	O	O	O	O
39	ATSC	Y	Y	ATSC	-45.7	O	O	O	O
40	ATSC	Y	Y	ATSC	-68.7	O	O	O	O
41	ATSC	Y	N	-	-	O	O	O	O
42	ATSC	Y	Y	ATSC	-74.0	O	O	O	O
43	ATSC	Y	Y	ATSC	-75.6	O	O	O	O
44	-	N	N	ATSC	-	A	A	A	A
45	NTSC	Y	Y	NTSC	-69.4	O	O	O	O
46	ATSC	Y	Y	ATSC	-68.9	O	O	O	O
47	NTSC	Y	Y	NTSC	-84.3	O	O	O	O
48	ATSC	Y	Y	ATSC	-52.1	O	O	O	O
49	NTSC	Y	Y	NTSC	-66.7	O	O	O	O
50	NTSC	Y	Y	NTSC	-40.0	O	O	O	O
51	ATSC	Y	Y	ATSC	-53.1	O	O	O	O

TABLE 5-26. Philips WSD Prototype Results at Test Site 4 (w/ 10-dB attenuator).

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD	
						L1/ S1	L2/ S1
21	-	N	N	-	-	O	A
22	NTSC	Y	Y	NTSC	-63.1	O	O
23	NTSC	Y	Y	NTSC	-48.2	O	O
24	NTSC	Y	Y	NTSC	-67.5	O	O
25	NTSC	Y	Y	NTSC	-66.6	O	O
26	NTSC	Y	Y	NTSC	-47.5	O	O
27	ATSC	Y	Y	ATSC	-47.3	O	O
28	ATSC	Y	N	-	-	O	A
29	ATSC	Y	Y	ATSC	-77.0	O	O
30	ATSC	Y	Y	ATSC	-78.1	O	O
31	NTSC	N	N	-	-	A	A
32	NTSC	Y	Y	NTSC	-42.2	O	O
33	ATSC	Y	Y	ATSC	-46.7	O	O
34	ATSC	Y	Y	ATSC	-37.2	O	O
35	ATSC	Y	Y	ATSC	-49.7	O	O
36	ATSC	Y	Y	ATSC	-45.5	O	O
38	ATSC	Y	Y	ATSC	-70.8	O	O
39	ATSC	Y	Y	ATSC	-45.7	O	O
40	ATSC	Y	Y	ATSC	-68.7	O	O
41	ATSC	Y	N	-	-	O	O
42	ATSC	Y	Y	ATSC	-74.0	O	O
43	ATSC	Y	Y	ATSC	-75.6	O	O
44	-	N	N	ATSC	-	A	A
45	NTSC	Y	Y	NTSC	-69.4	O	O
46	ATSC	Y	Y	ATSC	-68.9	O	O
47	NTSC	Y	Y	NTSC	-84.3	O	O
48	ATSC	Y	Y	ATSC	-52.1	O	O
49	NTSC	Y	Y	NTSC	-66.7	O	O
50	NTSC	Y	Y	NTSC	-40.0	O	O
51	ATSC	Y	Y	ATSC	-53.1	O	O

5.5 Test Site #5 – FCC Headquarters in Washington, DC

This site is a high-rise office building in downtown southwest Washington, DC. Field trials of the WSD prototypes were performed in a training room on the 12th street level (ground floor) and in an area on the 7th floor near a window. Channel occupancy measurements were performed at the same locations, using a bi-conical receive antenna mounted on a tripod.

TABLE 5-27. Licensed TV Station Assignments within 100-km radius of Test Site 5.

CH	Station Call Sign	Station Location	Signal Type	Separation Distance (km)	Within Service Contour? (Y/N)	Viewable? (Y/N)	
						L1	L2
21	-	-	-	-	N	N	N
22	WMPT	Annapolis, MD	NTSC	39.00	Y	N	Y
23	WDDN-LP	Washington, DC	NTSC	13.22	Y	N	Y
24	WUTB	Baltimore, MD	NTSC	50.54	Y	N	Y
25	WZDC-LP	Washington, DC	NTSC	7.81	Y	N	Y
26	WETA	Washington, DC	NTSC	11.13	Y	Y	Y
27	WETA	Washington, DC	ATSC	8.68	Y	N	Y
28	WFPT	Frederick, MD	ATSC	48.54	Y	N	N
29	WMPB	Baltimore, MD	ATSC	66.21	Y	N	N
30	WNVT	Goldvein, VA	ATSC	45.51	Y	N	N
31	WRZB-LP	Annapolis, MD	NTSC	42.79	N	N	N
32	WHUT	Washington, DC	NTSC	11.13	Y	Y	Y
33	WHUT	Washington, DC	ATSC	8.68	Y	N	Y
34	WUSA	Washington, DC	ATSC	8.68	Y	N	Y
35	WDCA	Washington, DC	ATSC	9.38	Y	N	Y
36	WTTG	Washington, DC	ATSC	9.38	Y	Y	Y
38	WJZ	Baltimore, MD	ATSC	59.85	Y	N	Y
39	WJLA	Washington, DC	ATSC	8.68	Y	N	Y
40	WNUV	Baltimore, MD	ATSC	60.03	Y	N	Y
41	WUTB	Baltimore, MD	ATSC	50.54	Y	N	N
42	WMPT	Annapolis, MD	ATSC	39.00	Y	N	N
43	WPXW	Manassas, VA	ATSC	28.2	Y	N	N
44	-	-	-	-	N	N	N
45	WBFF	Baltimore, MD	NTSC	60.03	Y	Y	Y
46	WBFF	Baltimore, MD	ATSC	60.03	Y	N	Y
47	WMDO-CA	Washington, DC	NTSC	7.82	Y	N	N
48	WRC	Washington, DC	ATSC	7.82	Y	Y	Y
49	WWTD-LP	Washington, DC	NTSC	7.82	Y	N	Y
50	WDCW	Washington, DC	NTSC	8.79	Y	Y	Y
51	WDCW	Washington, DC	ATSC	8.79	Y	N	Y

TABLE 5-28. Adaptrum WSD Prototype Results at Test Site 5.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)		Measured Signal Type[1]		Measured Power Level (dBm)		Occupied (O) & Available (A) Channels Reported by WSD			
			L1	L2	L1	L2	L1	L2	L1/S1	L1/S2[2]	L2/S1	L2/S2[2]
21	-	N	N	N	-	NT	-	-	A	-	A	A
22	NTSC	Y	N	Y	NT	NT	-96.5	-91.7	A	A	O	O
23	NTSC	Y	N	Y	-	NT	-	-74.8	A	-	O	O
24	NTSC	Y	N	Y	-	NT	-	-87.5	A	-	O	O
25	NTSC	Y	N	Y	NT	NT	-92.4	-74.9	O	A	O	O
26	NTSC	Y	Y	Y	NT	NT	-77.0	-61.4	O	O	O	O
27	ATSC	Y	N	Y	AT	AT	-92.3	-72.2	O	-	O	-
28	ATSC	Y	N	N	-	-	-	-	A	-	A	-
29	ATSC	Y	N	N	-	-	-	-	O	-	O	O
30	ATSC	Y	N	N	-	AT	-	-92.1	A	-	O	-
31	NTSC	N	N	N	-	-	-	-	A	-	O	-
32	NTSC	Y	Y	Y	NT	NT	-80.9	-56.9	O	O	O	O
33	ATSC	Y	N	Y	AT	AT	-87.1	-75.3	O	-	O	-
34	ATSC	Y	N	Y	AT	AT	-84.1	-63.9	O	-	O	-
35	ATSC	Y	N	Y	AT	AT	-83.3	-62.6	O	-	O	-
36	ATSC	Y	Y	Y	AT	AT	-86.2	-62.4	O	-	O	-
38	ATSC	Y	N	Y	AT	AT	-93.5	-72.4	O	-	O	-
39	ATSC	Y	N	Y	AT	AT	-87.1	-70.8	O	-	O	-
40	ATSC	Y	N	Y	AT	AT	-92.7	-72.4	A	-	O	-
41	ATSC	Y	N	N	-	-	-	-	A	-	O	-
42	ATSC	Y	N	N	-	AT	-	-88.4	A	-	A	-
43	ATSC	Y	N	N	-	AT	-	-92.9	A	-	A	-
44	-	N	N	N	-	-	-	-	A	-	A	-
45	NTSC	Y	Y	Y	NT	NT	-105	-75.4	A	A	A	A
46	ATSC	Y	N	Y	AT	AT	-88.5	-73.3	O	-	O	-
47	NTSC	Y	N	N	-	-	-	-	A	-	A	-
48	ATSC	Y	Y	Y	AT	AT	-79.2	-52.2	O	-	O	-
49	NTSC	Y	N	Y	NT	NT	-101	-81.7	A	A	O	O
50	NTSC	Y	Y	Y	NT	NT	-80.0	-71.7	O	O	O	O
51	ATSC	Y	N	Y	AT	AT	-86.5	-67.4	O	-	O	-

[1] NT = NTSC; AT = ATSC.
[2] Second scan for NTSC signals only.

TABLE 5-29. I2R WSD Prototype Results at Test Site 5.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)		Measured Signal Type[1]		Measured Power Level (dBm)		Occupied (O) & Available (A) Channels Reported by WSD			
			L1	L2	L1	L2	L1	L2	L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	-	N	N	N	-	NT	-	-	A	A	A	A
22	NTSC	Y	N	Y	NT	NT	-96.5	-91.7	A	A	A	A
23	NTSC	Y	N	Y	-	NT	-	-74.8	A	A	A	A
24	NTSC	Y	N	Y	-	NT	-	-87.5	A	A	A	A
25	NTSC	Y	N	Y	NT	NT	-92.4	-74.9	A	A	A	A
26	NTSC	Y	Y	Y	NT	NT	-77.0	-61.4	O	A	O	O
27	ATSC	Y	N	Y	AT	AT	-92.3	-72.2	O	O	O	O
28	ATSC	Y	N	N	-	-	-	-	A	A	A	A
29	ATSC	Y	N	N	-	-	-	-	A	A	O	O
30	ATSC	Y	N	N	-	AT	-	-92.1	A	A	O	O
31	NTSC	N	N	N	-	-	-	-	A	A	A	A
32	NTSC	Y	Y	Y	NT	NT	-80.9	-56.9	A	A	A	A
33	ATSC	Y	N	Y	AT	AT	-87.1	-75.3	O	O	O	O
34	ATSC	Y	N	Y	AT	AT	-84.1	-63.9	O	O	O	O
35	ATSC	Y	N	Y	AT	AT	-83.3	-62.6	O	O	O	O
36	ATSC	Y	Y	Y	AT	AT	-86.2	-62.4	O	O	O	O
38	ATSC	Y	N	Y	AT	AT	-93.5	-72.4	A	A	O	O
39	ATSC	Y	N	Y	AT	AT	-87.1	-70.8	O	O	O	O
40	ATSC	Y	N	Y	AT	AT	-92.7	-72.4	A	A	O	O
41	ATSC	Y	N	N	-	-	-	-	A	A	A	A
42	ATSC	Y	N	N	-	AT	-	-88.4	A	A	O	O
43	ATSC	Y	N	N	-	AT	-	-92.9	A	A	O	O
44	-	N	N	N	-	-	-	-	A	A	A	A
45	NTSC	Y	Y	Y	NT	NT	-105	-75.4	A	A	A	A
46	ATSC	Y	N	Y	AT	AT	-88.5	-73.3	A	A	O	O
47	NTSC	Y	N	N	-	-	-	-	A	A	A	A
48	ATSC	Y	Y	Y	AT	AT	-79.2	-52.2	O	O	O	O
49	NTSC	Y	N	Y	NT	NT	-101	-81.7	A	A	O	A
50	NTSC	Y	Y	Y	NT	NT	-80.0	-71.7	A	A	A	A
51	ATSC	Y	N	Y	AT	AT	-86.5	-67.4	O	O	O	O

[1] NT = NTSC; AT = ATSC.

TABLE 5-30. Motorola WSD Prototype (Test Mode) Results at Test Site 5.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)		Measured Signal Type[1]		Measured Power Level (dBm)		Occupied (O) & Available (A) Channels Reported by WSD			
			L1	L2	L1	L2	L1	L2	L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	-	N	N	N	-	NT	-	-	-	-	-	-
22	NTSC	Y	N	Y	NT	NT	-96.5	-91.7	-	-	-	-
23	NTSC	Y	N	Y	-	NT	-	-74.8	-	-	-	-
24	NTSC	Y	N	Y	-	NT	-	-87.5	-	-	-	-
25	NTSC	Y	N	Y	NT	NT	-92.4	-74.9	-	-	-	-
26	NTSC	Y	Y	Y	NT	NT	-77.0	-61.4	-	-	-	-
27	ATSC	Y	N	Y	AT	AT	-92.3	-72.2	O	O	O	O
28	ATSC	Y	N	N	-	-	-	-	-	-	-	-
29	ATSC	Y	N	N	-	-	-	-	-	-	-	-
30	ATSC	Y	N	N	-	AT	-	-92.1	-	-	A	A
31	NTSC	N	N	N	-	-	-	-	-	-	-	-
32	NTSC	Y	Y	Y	NT	NT	-80.9	-56.9	-	-	-	-
33	ATSC	Y	N	Y	AT	AT	-87.1	-75.3	A	A	A	A
34	ATSC	Y	N	Y	AT	AT	-84.1	-63.9	O	O	O	O
35	ATSC	Y	N	Y	AT	AT	-83.3	-62.6	O	O	O	O
36	ATSC	Y	Y	Y	AT	AT	-86.2	-62.4	O	O	O	O
38	ATSC	Y	N	Y	AT	AT	-93.5	-72.4	O	A	O	O
39	ATSC	Y	N	Y	AT	AT	-87.1	-70.8	O	O	O	A
40	ATSC	Y	N	Y	AT	AT	-92.7	-72.4	O	A	O	O
41	ATSC	Y	N	N	-	-	-	-	-	-	O	O
42	ATSC	Y	N	N	-	AT	-	-88.4	O	O	O	O
43	ATSC	Y	N	N	-	AT	-	-92.9	-	O	O	O
44	-	N	N	N	-	-	-	-	-	-	-	-
45	NTSC	Y	Y	Y	NT	NT	-105	-75.4	-	-	-	-
46	ATSC	Y	N	Y	AT	AT	-88.5	-73.3	A	A	O	O
47	NTSC	Y	N	N	-	-	-	-	-	-	-	-
48	ATSC	Y	Y	Y	AT	AT	-79.2	-52.2	O	O	O	O
49	NTSC	Y	N	Y	NT	NT	-101	-81.7	-	-	-	-
50	NTSC	Y	Y	Y	NT	NT	-80.0	-71.7	-	-	-	-
51	ATSC	Y	N	Y	AT	AT	-86.5	-67.4	O	O	O	O

[1] NT = NTSC; AT = ATSC.
NOTE: In the test mode this device detects only ATSC signals (*i.e.*, no NTSC detection capability).

TABLE 5-31. Motorola WSD Prototype (Normal Mode) Results at Test Site 5.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)		Measured Signal Type[1]		Measured Power Level (dBm)		Occupied (O) & Available (A) Channels Reported by WSD	
			L1	L2	L1	L2	L1	L2	L1/ S1	L2/ S1
21	-	N	N	N	-	NT	-	-	A	A
22	NTSC	Y	N	Y	NT	NT	-96.5	-91.7	O	O
23	NTSC	Y	N	Y	-	NT	-	-74.8	O	O
24	NTSC	Y	N	Y	-	NT	-	-87.5	O	O
25	NTSC	Y	N	Y	NT	NT	-92.4	-74.9	O	O
26	NTSC	Y	Y	Y	NT	NT	-77.0	-61.4	O	O
27	ATSC	Y	N	Y	AT	AT	-92.3	-72.2	O	O
28	ATSC	Y	N	N	-	-	-	-	O	O
29	ATSC	Y	N	N	-	-	-	-	O	O
30	ATSC	Y	N	N	-	AT	-	-92.1	O	O
31	NTSC	N	N	N	-	-	-	-	A	A
32	NTSC	Y	Y	Y	NT	NT	-80.9	-56.9	O	O
33	ATSC	Y	N	Y	AT	AT	-87.1	-75.3	O	O
34	ATSC	Y	N	Y	AT	AT	-84.1	-63.9	O	O
35	ATSC	Y	N	Y	AT	AT	-83.3	-62.6	O	O
36	ATSC	Y	Y	Y	AT	AT	-86.2	-62.4	O	O
38	ATSC	Y	N	Y	AT	AT	-93.5	-72.4	O	O
39	ATSC	Y	N	Y	AT	AT	-87.1	-70.8	O	O
40	ATSC	Y	N	Y	AT	AT	-92.7	-72.4	O	O
41	ATSC	Y	N	N	-	-	-	-	O	O
42	ATSC	Y	N	N	-	AT	-	-88.4	O	O
43	ATSC	Y	N	N	-	AT	-	-92.9	O	O
44	-	N	N	N	-	-	-	-	A	A
45	NTSC	Y	Y	Y	NT	NT	-105	-75.4	O	O
46	ATSC	Y	N	Y	AT	AT	-88.5	-73.3	O	O
47	NTSC	Y	N	N	-	-	-	-	O	O
48	ATSC	Y	Y	Y	AT	AT	-79.2	-52.2	O	O
49	NTSC	Y	N	Y	NT	NT	-101	-81.7	O	O
50	NTSC	Y	Y	Y	NT	NT	-80.0	-71.7	O	O
51	ATSC	Y	N	Y	AT	AT	-86.5	-67.4	O	O

[1] NT = NTSC; AT = ATSC.

TABLE 5-32. Philips WSD Prototype Results at Test Site 5.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)		Measured Signal Type[1]		Measured Power Level (dBm)		Occupied (O) & Available (A) Channels Reported by WSD			
			L1	L2	L1	L2	L1	L2	L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	-	N	N	N	-	NT	-	-	O	O	O	O
22	NTSC	Y	N	Y	NT	NT	-96.5	-91.7	O	O	O	O
23	NTSC	Y	N	Y	-	NT	-	-74.8	O	O	O	O
24	NTSC	Y	N	Y	-	NT	-	-87.5	O	O	O	O
25	NTSC	Y	N	Y	NT	NT	-92.4	-74.9	O	O	O	O
26	NTSC	Y	Y	Y	NT	NT	-77.0	-61.4	O	O	O	O
27	ATSC	Y	N	Y	AT	AT	-92.3	-72.2	O	O	O	O
28	ATSC	Y	N	N	-	-	-	-	A	O	A	A
29	ATSC	Y	N	N	-	-	-	-	O	O	O	O
30	ATSC	Y	N	N	-	AT	-	-92.1	O	O	O	O
31	NTSC	N	N	N	-	-	-	-	O	O	O	O
32	NTSC	Y	Y	Y	NT	NT	-80.9	-56.9	O	O	O	O
33	ATSC	Y	N	Y	AT	AT	-87.1	-75.3	O	O	O	O
34	ATSC	Y	N	Y	AT	AT	-84.1	-63.9	O	O	O	O
35	ATSC	Y	N	Y	AT	AT	-83.3	-62.6	O	O	O	O
36	ATSC	Y	Y	Y	AT	AT	-86.2	-62.4	O	O	O	O
38	ATSC	Y	N	Y	AT	AT	-93.5	-72.4	O	O	O	O
39	ATSC	Y	N	Y	AT	AT	-87.1	-70.8	O	O	O	O
40	ATSC	Y	N	Y	AT	AT	-92.7	-72.4	O	O	O	O
41	ATSC	Y	N	N	-	-	-	-	O	O	O	O
42	ATSC	Y	N	N	-	AT	-	-88.4	O	A	O	O
43	ATSC	Y	N	N	-	AT	-	-92.9	O	O	O	O
44	-	N	N	N	-	-	-	-	A	A	O	A
45	NTSC	Y	Y	Y	NT	NT	-105	-75.4	O	O	O	O
46	ATSC	Y	N	Y	AT	AT	-88.5	-73.3	O	O	O	O
47	NTSC	Y	N	N	-	-	-	-	O	O	O	O
48	ATSC	Y	Y	Y	AT	AT	-79.2	-52.2	O	O	O	O
49	NTSC	Y	N	Y	NT	NT	-101	-81.7	O	O	O	O
50	NTSC	Y	Y	Y	NT	NT	-80.0	-71.7	O	O	O	O
51	ATSC	Y	N	Y	AT	AT	-86.5	-67.4	O	O	O	O

[1] NT = NTSC; AT = ATSC.

TABLE 5-33. Philips WSD Prototype Results at Test Site 5 (Loc1) w/ 10-dB attenuator.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Measured Signal Type	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD
21	-	N	N	-	-	A
22	NTSC	Y	N	NTSC	-96.5	O
23	NTSC	Y	N	-	-	O
24	NTSC	Y	N	-	-	O
25	NTSC	Y	N	NTSC	-92.4	O
26	NTSC	Y	Y	NTSC	-77.0	O
27	ATSC	Y	N	ATSC	-92.3	O
28	ATSC	Y	N	-	-	A
29	ATSC	Y	N	-	-	O
30	ATSC	Y	N	-	-	O
31	NTSC	N	N	-	-	A
32	NTSC	Y	Y	NTSC	-80.9	O
33	ATSC	Y	N	ATSC	-87.1	O
34	ATSC	Y	N	ATSC	-84.1	O
35	ATSC	Y	N	ATSC	-83.3	O
36	ATSC	Y	Y	ATSC	-86.2	O
38	ATSC	Y	N	ATSC	-93.5	O
39	ATSC	Y	N	ATSC	-87.1	O
40	ATSC	Y	N	ATSC	-92.7	O
41	ATSC	Y	N	-	-	O
42	ATSC	Y	N	-	-	A
43	ATSC	Y	N	-	-	A
44	-	N	N	-	-	A
45	NTSC	Y	Y	NTSC	-105	O
46	ATSC	Y	N	ATSC	-88.5	A
47	NTSC	Y	N	-	-	A
48	ATSC	Y	Y	ATSC	-79.2	O
49	NTSC	Y	N	NTSC	-101	O
50	NTSC	Y	Y	NTSC	-80.0	O
51	ATSC	Y	N	ATSC	-86.5	O

5.6 Test Site #6 – Private Residence in Galesville, MD

This site is a two-story single-family waterfront home with a detached garage. The channel occupancy measurements were performed from the driveway. The WSD prototype field trials were performed from the first floor great room (location 1) and from a guest room over the detached garage (location 2).

TABLE 5-34. Licensed TV Station Assignments within 100-km radius of Test Site 6.

CH	Station Call Sign	Station Location	Signal Type	Separation Distance (km)	Within Service Contour? (Y/N)	Viewable? (Y/N)
21	WBOC	Salisbury, MD	ATSC	86.95	N	Y
22	WMPT	Annapolis, MD	NTSC	19.16	Y	Y
23	WDDN-LP	Washington, DC	NTSC	47.76	N	Y
24	WUTB	Baltimore, MD	NTSC	52.57	Y	Y
25	WZDC-LP	Washington, DC	NTSC	47.87	N	Y
26	WETA	Washington, DC	NTSC	50.42	Y	Y
27	WETA	Washington, DC	ATSC	47.97	Y	Y
28	WFPT	Frederick, MD	ATSC	80.95	N	N
	WCPB	Salisbury, MD	NTSC	97.26	N	N
29	WMPB	Baltimore, MD	ATSC	69.89	Y	Y
30	WNVT	Goldvein, VA	ATSC	81.52	N	N
31	WRZB-LP	Annapolis, MD	NTSC	15.75	N	N
32	WHUT	Washington, DC	NTSC	50.46	Y	Y
33	WHUT	Washington, DC	ATSC	47.97	Y	Y
34	WUSA	Washington, DC	ATSC	47.97	Y	Y
35	WDCA	Washington, DC	ATSC	48.41	Y	Y
36	WTTG	Washington, DC	ATSC	48.41	Y	Y
38	WJZ	Baltimore, MD	ATSC	55.13	Y	Y
39	WJLA	Washington, DC	ATSC	47.97	Y	Y
40	WNUV	Baltimore, MD	ATSC	55.26	Y	Y
41	WUTB	Baltimore, MD	ATSC	52.57	Y	Y
42	WMPT	Annapolis, MD	ATSC	19.16	Y	Y
43	WPXW	Manassas, VA	ATSC	68.60	Y	N
44	WDPB	Seaford, DE	ATSC	83.72	N	N
45	WBFF	Baltimore, MD	NTSC	55.26	Y	Y
46	WBFF	Baltimore, MD	ATSC	55.26	Y	Y
47	WMDT	Salisbury, MD	NTSC	80.11	N	N
48	WRC	Washington, DC	ATSC	47.87	Y	Y
49	WWTD-LP	Washington, DC	NTSC	47.87	N	Y
50	WDCW	Washington, DC	NTSC	43.89	Y	Y
51	WDCW	Washington, DC	ATSC	43.89	Y	Y

TABLE 5-35. Adaptrum WSD Prototype Results at Test Site 6.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Measured Signal Type	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD	
						L1/ S1	L1/ S2 [1]
21	ATSC	N	Y	ATSC	-79.1	O	-
22	NTSC	Y	Y	NTSC	-42.4	O	O
23	NTSC	N	Y	NTSC	-72.2	A	A
24	NTSC	Y	Y	NTSC	-59.0	O	O
25	NTSC	N	Y	NTSC	-90.2	A	A
26	NTSC	Y	Y	NTSC	-68.6	O	O
27	ATSC	Y	Y	ATSC	-72.3	O	-
28	ATSC	N	N	NTSC	-99.6	A	A
	NTSC	N	N				
29	ATSC	Y	Y	ATSC	-76.9	O	O
30	ATSC	N	N	ATSC	-90.0	A	-
31	NTSC	N	N	-	-	A	-
32	NTSC	Y	Y	NTSC	-67.5	O	A
33	ATSC	Y	Y	ATSC	-70.8	O	-
34	ATSC	Y	Y	ATSC	-63.5	O	-
35	ATSC	Y	Y	ATSC	-71.4	A	-
36	ATSC	Y	Y	ATSC	-73.1	O	-
38	ATSC	Y	Y	ATSC	-56.9	O	-
39	ATSC	Y	Y	ATSC	-64.0	O	-
40	ATSC	Y	Y	ATSC	-53.7	O	-
41	ATSC	Y	Y	ATSC	-75.5	O	-
42	ATSC	Y	Y	ATSC	-44.8	O	-
43	ATSC	Y	N	NTSC	-98.0	A	A
44	ATSC	N	N	-	-	A	-
45	NTSC	Y	Y	NTSC	-61.7	O	O
46	ATSC	Y	Y	ATSC	-54.3	O	-
47	NTSC	N	N	NTSC	-96.3	A	A
48	ATSC	Y	Y	ATSC	-68.5	O	-
49	NTSC	N	Y	NTSC	-89.1	A	A
50	NTSC	Y	Y	NTSC	-70.0	A	A
51	ATSC	Y	Y	ATSC	-76.7	O	-

[1] Second scan for NTSC signals only.

TABLE 5-36. I2R WSD Prototype Results at Test Site 6.

CH	NTSC/ ATSC	Within Service Contour? (Y/N)	Viewable? (Y/N)	Measured Signal Type	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD			
						L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	ATSC	N	Y	ATSC	-79.1	O	O	A	A
22	NTSC	Y	Y	NTSC	-42.4	A	A	O	A
23	NTSC	N	Y	NTSC	-72.2	A	A	A	A
24	NTSC	Y	Y	NTSC	-59.0	O	O	A	A
25	NTSC	N	Y	NTSC	-90.2	A	A	A	A
26	NTSC	Y	Y	NTSC	-68.6	A	A	O	O
27	ATSC	Y	Y	ATSC	-72.3	A	O	O	O
28	ATSC	N	N	NTSC	-99.6	A	A	A	A
	NTSC	N	N						
29	ATSC	Y	Y	ATSC	-76.9	O	O	O	O
30	ATSC	N	N	ATSC	-90.0	A	A	O	O
31	NTSC	N	N	-	-	O	O	A	A
32	NTSC	Y	Y	NTSC	-67.5	A	A	A	A
33	ATSC	Y	Y	ATSC	-70.8	O	O	O	O
34	ATSC	Y	Y	ATSC	-63.5	O	O	O	O
35	ATSC	Y	Y	ATSC	-71.4	O	O	O	O
36	ATSC	Y	Y	ATSC	-73.1	O	O	O	O
38	ATSC	Y	Y	ATSC	-56.9	O	O	O	O
39	ATSC	Y	Y	ATSC	-64.0	O	O	O	O
40	ATSC	Y	Y	ATSC	-53.7	O	O	O	O
41	ATSC	Y	Y	ATSC	-75.5	A	A	O	O
42	ATSC	Y	Y	ATSC	-44.8	O	O	O	O
43	ATSC	Y	N	NTSC	-98.0	A	A	O	O
44	ATSC	N	N	-	-	A	A	A	A
45	NTSC	Y	Y	NTSC	-61.7	A	A	O	A
46	ATSC	Y	Y	ATSC	-54.3	O	O	O	O
47	NTSC	N	N	NTSC	-96.3	A	A	O	O
48	ATSC	Y	Y	ATSC	-68.5	O	O	O	O
49	NTSC	N	Y	NTSC	-89.1	A	A	A	A
50	NTSC	Y	Y	NTSC	-70.0	A	A	A	O
51	ATSC	Y	Y	ATSC	-76.7	O	O	O	O

TABLE 5-37. Motorola WSD Prototype (Test Mode) Results at Test Site 6.

CH	NTSC/ ATSC	Within Service Contour? (Y/N)	Viewable? (Y/N)	Measured Signal Type	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD			
						L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	ATSC	N	Y	ATSC	-79.1	O	O	O	O
22	NTSC	Y	Y	NTSC	-42.4	-	-	-	-
23	NTSC	N	Y	NTSC	-72.2	-	-	-	-
24	NTSC	Y	Y	NTSC	-59.0	-	-	-	-
25	NTSC	N	Y	NTSC	-90.2	-	-	-	-
26	NTSC	Y	Y	NTSC	-68.6	-	-	-	-
27	ATSC	Y	Y	ATSC	-72.3	O	O	O	O
28	ATSC	N	N	NTSC	-99.6	-	-	-	-
	NTSC	N	N						
29	ATSC	Y	Y	ATSC	-76.9	O	O	O	A
30	ATSC	N	N	ATSC	-90.0	A	A	A	A
31	NTSC	N	N	-	-	-	-	-	-
32	NTSC	Y	Y	NTSC	-67.5	-	-	-	-
33	ATSC	Y	Y	ATSC	-70.8	A	A	A	A
34	ATSC	Y	Y	ATSC	-63.5	O	O	O	O
35	ATSC	Y	Y	ATSC	-71.4	O	O	O	O
36	ATSC	Y	Y	ATSC	-73.1	A	A	O	O
38	ATSC	Y	Y	ATSC	-56.9	O	O	O	O
39	ATSC	Y	Y	ATSC	-64.0	O	O	O	O
40	ATSC	Y	Y	ATSC	-53.7	O	O	O	O
41	ATSC	Y	Y	ATSC	-75.5	O	O	O	O
42	ATSC	Y	Y	ATSC	-44.8	O	O	O	O
43	ATSC	Y	N	NTSC	-98.0	O	O	O	O
44	ATSC	N	N	-	-	-	-	-	-
45	NTSC	Y	Y	NTSC	-61.7	-	-	-	-
46	ATSC	Y	Y	ATSC	-54.3	O	O	O	O
47	NTSC	N	N	NTSC	-96.3	-	-	-	-
48	ATSC	Y	Y	ATSC	-68.5	O	O	O	O
49	NTSC	N	Y	NTSC	-89.1	-	-	-	-
50	NTSC	Y	Y	NTSC	-70.0	-	-	-	-
51	ATSC	Y	Y	ATSC	-76.7	O	O	O	O

NOTE: In the test mode this device detects ATSC signals only (*i.e.*, no NTSC detection capability).

TABLE 5-38. Motorola WSD Prototype (Normal Mode) Results at Test Site 6.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Measured Signal Type	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD	
						LW S1	LW S2
21	ATSC	N	Y	ATSC	-79.1	A	A
22	NTSC	Y	Y	NTSC	-42.4	O	O
23	NTSC	N	Y	NTSC	-72.2	A	A
24	NTSC	Y	Y	NTSC	-59.0	O	O
25	NTSC	N	Y	NTSC	-90.2	A	A
26	NTSC	Y	Y	NTSC	-68.6	O	O
27	ATSC	Y	Y	ATSC	-72.3	O	O
28	ATSC	N	N	NTSC	-99.6	A	A
	NTSC	N	N				
29	ATSC	Y	Y	ATSC	-76.9	O	O
30	ATSC	N	N	ATSC	-90.0	A	A
31	NTSC	N	N	-	-	A	A
32	NTSC	Y	Y	NTSC	-67.5	O	O
33	ATSC	Y	Y	ATSC	-70.8	O	O
34	ATSC	Y	Y	ATSC	-63.5	O	O
35	ATSC	Y	Y	ATSC	-71.4	O	O
36	ATSC	Y	Y	ATSC	-73.1	O	O
38	ATSC	Y	Y	ATSC	-56.9	O	O
39	ATSC	Y	Y	ATSC	-64.0	O	O
40	ATSC	Y	Y	ATSC	-53.7	O	O
41	ATSC	Y	Y	ATSC	-75.5	O	O
42	ATSC	Y	Y	ATSC	-44.8	O	O
43	ATSC	Y	N	NTSC	-98.0	O	O
44	ATSC	N	N	-	-	A	A
45	NTSC	Y	Y	NTSC	-61.7	O	O
46	ATSC	Y	Y	ATSC	-54.3	O	O
47	NTSC	N	N	NTSC	-96.3	A	A
48	ATSC	Y	Y	ATSC	-68.5	O	O
49	NTSC	N	Y	NTSC	-89.1	A	A
50	NTSC	Y	Y	NTSC	-70.0	O	O
51	ATSC	Y	Y	ATSC	-76.7	O	O

TABLE 5-39. Philips WSD Prototype Results at Test Site 6.

CH	NTSC/ ATSC	Within Service Contour? (Y/N)	Viewable? (Y/N)	Measured Signal Type	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD			
						L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	ATSC	N	Y	ATSC	-79.1	O	O	O	O
22	NTSC	Y	Y	NTSC	-42.4	O	O	O	O
23	NTSC	N	Y	NTSC	-72.2	O	O	O	O
24	NTSC	Y	Y	NTSC	-59.0	O	O	O	O
25	NTSC	N	Y	NTSC	-90.2	O	O	O	O
26	NTSC	Y	Y	NTSC	-68.6	O	O	O	O
27	ATSC	Y	Y	ATSC	-72.3	O	O	O	O
28	ATSC	N	N	NTSC	-99.6	O	O	O	O
	NTSC	N	N						
29	ATSC	Y	Y	ATSC	-76.9	O	O	O	O
30	ATSC	N	N	ATSC	-90.0	O	O	O	O
31	NTSC	N	N	-	-	O	O	O	O
32	NTSC	Y	Y	NTSC	-67.5	O	O	O	O
33	ATSC	Y	Y	ATSC	-70.8	O	O	O	O
34	ATSC	Y	Y	ATSC	-63.5	O	O	O	O
35	ATSC	Y	Y	ATSC	-71.4	O	O	O	O
36	ATSC	Y	Y	ATSC	-73.1	O	O	O	O
38	ATSC	Y	Y	ATSC	-56.9	O	O	O	O
39	ATSC	Y	Y	ATSC	-64.0	O	O	O	O
40	ATSC	Y	Y	ATSC	-53.7	O	O	O	O
41	ATSC	Y	Y	ATSC	-75.5	O	O	O	O
42	ATSC	Y	Y	ATSC	-44.8	O	O	O	O
43	ATSC	Y	N	NTSC	-98.0	O	O	O	O
44	ATSC	N	N	-	-	A	A	A	O
45	NTSC	Y	Y	NTSC	-61.7	O	O	O	O
46	ATSC	Y	Y	ATSC	-54.3	O	O	O	O
47	NTSC	N	N	NTSC	-96.3	O	O	O	O
48	ATSC	Y	Y	ATSC	-68.5	O	O	O	O
49	NTSC	N	Y	NTSC	-89.1	O	O	O	O
50	NTSC	Y	Y	NTSC	-70.0	O	O	O	O
51	ATSC	Y	Y	ATSC	-76.7	O	O	O	O

5.7 Test Site #7 – Daub's Park in Myersville, MD

This site is a public baseball park located just outside of Myersville, in rural western Maryland. This was one of four sites recommended for measurement by MSTV.[35] Channel occupancy measurements were performed at the northwest end of the parking lot and the WSD prototype field trials were performed at the northwest and southwest end of the parking lot.

[35] See *ex parte* filing by MSTV filed on July 2, 2008.

TABLE 5-40. Licensed TV Station Assignments within 100-km radius of Test Site 7.

CH	Station Call Sign	Station Location	Signal Type	Separation Distance (km)	Within Service Contour? (Y/N)	Viewable? (Y/N)
21	WVPY	Front Royal, VA	ATSC	90.16	N	N
22	WMPT	Annapolis, MD	NTSC	99.07	N	Y
23	WDDN-LP	Washington, DC	NTSC	71.27	N	Y
24	WUTB	Baltimore, MD	NTSC	73.20	N	Y
25	WHAG	Hagerstown, MD	NTSC	38.61	Y	Y
26	WETA	Washington, DC	NTSC	72.19	N	Y
27	WETA	Washington, DC	ATSC	74.63	N	Y
28	WFPT	Frederick, MD	ATSC	34.92	Y	N
29	WMPB	Baltimore, MD	ATSC	67.55	Y	N
30	WNVT	Goldvein, VA	ATSC	98.26	N	Y
	WGCB	Red Lion, PA	ATSC	94.70	N	
31	WWPB	Hagerstown, MD	NTSC	38.60	Y	Y
32	WHUT	Washington, DC	NTSC	72.19	N	N
33	WHUT	Washington, DC	ATSC	74.63	N	Y
34	WUSA	Washington, DC	ATSC	74.63	Y	Y
35	WDCA	Washington, DC	ATSC	73.93	Y	Y
36	WTTG	Washington, DC	ATSC	73.93	Y	Y
38	WJZ	Baltimore, MD	ATSC	80.73	Y	Y
39	WJLA	Washington, DC	ATSC	74.63	Y	Y
40	WNUV	Baltimore, MD	ATSC	80.78	Y	N
41	WUTB	Baltimore, MD	ATSC	73.20	Y	N
42	WMPT	Annapolis, MD	ATSC	99.07	N	N
	WVPY	Front Royal, VA	NTSC	90.16	N	
43	WPXW	Manassas, VA	ATSC	82.48	N	Y
44	WWPB	Hagerstown, MD	ATSC	38.60	Y	N
45	WBFF	Baltimore, MD	NTSC	80.78	N	Y
46	WBFF	Baltimore, MD	ATSC	80.78	Y	N
47	WMDO-CA	Washington, DC	NTSC	75.49	N	Y
48	WRC	Washington, DC	ATSC	75.49	Y	Y
49	WGCB	Red Lion, PA	NTSC	94.70	N	Y
50	WDCW	Washington, DC	NTSC	76.21	N	Y
51	WDCW	Washington, DC	ATSC	76.21	N	N

TABLE 5-41. Adaptrum WSD Prototype Results at Test Site 7.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD	
						L1/ S1	L1/ S2 [1]
21	ATSC	N	N	ATSC	-92.9	A	-
22	NTSC	N	Y	NTSC	-69.0	O	A
23	NTSC	N	Y	NTSC	-89.2	A	A
24	NTSC	N	Y	NTSC	-88.5	A	A
25	NTSC	Y	Y	NTSC	-80.1	O	O
26	NTSC	N	Y	NTSC	-81.1	O	O
27	ATSC	N	Y	ATSC	-81.5	O	-
28	ATSC	Y	N	ATSC	-88.2	A	-
29	ATSC	Y	N	ATSC	-92.9	O	-
30	ATSC	N	Y	ATSC	-75.7	O	-
	ATSC	N					
31	NTSC	Y	Y	NTSC	-81.3	O	O
32	NTSC	N	N	NTSC	-96.5	A	A
33	ATSC	N	Y	ATSC	-79.6	O	-
34	ATSC	Y	Y	ATSC	-72.0	O	-
35	ATSC	Y	Y	ATSC	-73.1	A	-
36	ATSC	Y	Y	ATSC	-74.3	O	-
38	ATSC	Y	Y	ATSC	-84.3	A	-
39	ATSC	Y	Y	ATSC	-76.3	O	-
40	ATSC	Y	N	ATSC	-87.3	A	-
41	ATSC	Y	N	ATSC	-93.8	O	-
42	ATSC	N	N	ATSC	-89.0	A	-
	NTSC	N					
43	ATSC	N	Y	NTSC	-89.9	O	A
44	ATSC	Y	N	ATSC	-93.3	O	-
45	NTSC	N	Y	NTSC	-87.7	A	A
46	ATSC	Y	N	ATSC	-87.4	A	-
47	NTSC	N	Y	ATSC	-78.4	A	-
48	ATSC	Y	Y	ATSC	-85.5	O	-
49	NTSC	N	Y	NTSC	-84.5	A	A
50	NTSC	N	Y	NTSC	-82.6	A	A
51	ATSC	N	N	ATSC	-87.6	O	-

[1] Second scan for NTSC channels only.

TABLE 5-42. I2R WSD Prototype Results at Test Site 7.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD			
						L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	ATSC	N	N	ATSC	-92.9	A	A	A	A
22	NTSC	N	Y	NTSC	-69.0	A	A	A	A
23	NTSC	N	Y	NTSC	-89.2	A	A	O	O
24	NTSC	N	Y	NTSC	-88.5	A	A	A	A
25	NTSC	Y	Y	NTSC	-80.1	A	A	A	A
26	NTSC	N	Y	NTSC	-81.1	A	A	A	A
27	ATSC	N	Y	ATSC	-81.5	O	O	O	A
28	ATSC	Y	N	ATSC	-88.2	A	A	A	A
29	ATSC	Y	N	ATSC	-92.9	A	A	A	A
30	ATSC	N	Y	ATSC	-75.7	O	O	O	O
	ATSC	N							
31	NTSC	Y	Y	NTSC	-81.3	A	A	A	A
32	NTSC	N	N	NTSC	-96.5	A	A	A	A
33	ATSC	N	Y	ATSC	-79.6	O	O	O	A
34	ATSC	Y	Y	ATSC	-72.0	O	O	O	O
35	ATSC	Y	Y	ATSC	-73.1	O	O	O	O
36	ATSC	Y	Y	ATSC	-74.3	A	O	O	O
38	ATSC	Y	Y	ATSC	-84.3	A	A	O	O
39	ATSC	Y	Y	ATSC	-76.3	O	O	O	O
40	ATSC	Y	N	ATSC	-87.3	O	O	O	O
41	ATSC	Y	N	ATSC	-93.8	A	A	O	O
42	ATSC	N	N	ATSC	-89.0	A	A	A	A
	NTSC	N							
43	ATSC	N	Y	NTSC	-89.9	A	O	A	O
44	ATSC	Y	N	ATSC	-93.3	A	O	O	O
45	NTSC	N	Y	NTSC	-87.7	A	A	A	A
46	ATSC	Y	N	ATSC	-87.4	A	A	A	A
47	NTSC	N	Y	ATSC	-78.4	A	O	O	O
48	ATSC	Y	Y	ATSC	-85.5	O	A	A	A
49	NTSC	N	Y	NTSC	-84.5	A	A	A	A
50	NTSC	N	Y	NTSC	-82.6	A	A	A	A
51	ATSC	N	N	ATSC	-87.6	A	A	A	A

TABLE 5-43. Motorola WSD Prototype (Test Mode) Results at Test Site 7.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD			
						L1/ S1	L1/ S2	L2/ S1	L2/ S2
21	ATSC	N	N	ATSC	-92.9	A	A	A	A
22	NTSC	N	Y	NTSC	-69.0	-	-	-	-
23	NTSC	N	Y	NTSC	-89.2	-	-	-	-
24	NTSC	N	Y	NTSC	-88.5	-	-	-	-
25	NTSC	Y	Y	NTSC	-80.1	-	-	-	-
26	NTSC	N	Y	NTSC	-81.1	-	-	-	-
27	ATSC	N	Y	ATSC	-81.5	A	A	A	O
28	ATSC	Y	N	ATSC	-88.2	A	A	A	O
29	ATSC	Y	N	ATSC	-92.9	A	A	A	A
30	ATSC	N	Y	ATSC	-75.7	O	O	O	O
	ATSC	N							
31	NTSC	Y	Y	NTSC	-81.3	-	-	-	-
32	NTSC	N	N	NTSC	-96.5	-	-	-	-
33	ATSC	N	Y	ATSC	-79.6	A	A	A	A
34	ATSC	Y	Y	ATSC	-72.0	O	O	O	O
35	ATSC	Y	Y	ATSC	-73.1	O	O	O	O
36	ATSC	Y	Y	ATSC	-74.3	A	A	A	A
38	ATSC	Y	Y	ATSC	-84.3	O	O	O	O
39	ATSC	Y	Y	ATSC	-76.3	O	O	O	O
40	ATSC	Y	N	ATSC	-87.3	O	O	O	O
41	ATSC	Y	N	ATSC	-93.8	O	O	O	O
42	ATSC	N	N	ATSC	-89.0	A	A	O	O
	NTSC	N							
43	ATSC	N	Y	NTSC	-89.9	O	O	O	O
44	ATSC	Y	N	ATSC	-93.3	A	A	O	O
45	NTSC	N	Y	NTSC	-87.7	-	-	-	-
46	ATSC	Y	N	ATSC	-87.4	A	A	O	A
47	NTSC	N	Y	ATSC	-78.4	A	A	A	A
48	ATSC	Y	Y	ATSC	-85.5	O	O	O	A
49	NTSC	N	Y	NTSC	-84.5	-	-	-	-
50	NTSC	N	Y	NTSC	-82.6	-	-	-	-
51	ATSC	N	N	ATSC	-87.6	A	A	O	O

NOTE: In the test mode this device detects ATSC signals only (*i.e.*, no NTSC detection capability).

TABLE 5-44. Motorola WSD Prototype (Normal Mode) Results at Test Site 7.

CH	Signal Type (Database)	Within Service Contour? (Y/N)	Viewable? (Y/N)	Signal Type (Measured)	Measured Power Level (dBm)	Occupied (O) & Available (A) Channels Reported by WSD	
						L1/ S1	L2/ S1
21	ATSC	N	N	ATSC	-92.9	A	A
22	NTSC	N	Y	NTSC	-69.0	O	O
23	NTSC	N	Y	NTSC	-89.2	A	A
24	NTSC	N	Y	NTSC	-88.5	A	A
25	NTSC	Y	Y	NTSC	-80.1	O	O
26	NTSC	N	Y	NTSC	-81.1	A	A
27	ATSC	N	Y	ATSC	-81.5	O	O
28	ATSC	Y	N	ATSC	-88.2	O	O
29	ATSC	Y	N	ATSC	-92.9	O	O
30	ATSC	N	Y	ATSC	-75.7	A	A
	ATSC	N					
31	NTSC	Y	Y	NTSC	-81.3	O	O
32	NTSC	N	N	NTSC	-96.5	A	A
33	ATSC	N	Y	ATSC	-79.6	O	O
34	ATSC	Y	Y	ATSC	-72.0	O	O
35	ATSC	Y	Y	ATSC	-73.1	O	O
36	ATSC	Y	Y	ATSC	-74.3	O	O
38	ATSC	Y	Y	ATSC	-84.3	O	O
39	ATSC	Y	Y	ATSC	-76.3	O	O
40	ATSC	Y	N	ATSC	-87.3	O	O
41	ATSC	Y	N	ATSC	-93.8	O	O
42	ATSC	N	N	ATSC	-89.0	A	A
	NTSC	N					
43	ATSC	N	Y	NTSC	-89.9	A	A
44	ATSC	Y	N	ATSC	-93.3	O	O
45	NTSC	N	Y	NTSC	-87.7	O	O
46	ATSC	Y	N	ATSC	-87.4	O	O
47	NTSC	N	Y	ATSC	-78.4	A	A
48	ATSC	Y	Y	ATSC	-85.5	O	O
49	NTSC	N	Y	NTSC	-84.5	A	A
50	NTSC	N	Y	NTSC	-82.6	O	O
51	ATSC	N	N	ATSC	-87.6	O	O