TABLE 3(A)
ADOPTED X-RAY POWER LAW FITS

Object	0.2 keV flux (μJy)	1 keV Energy index	1 keV flux (μJy)	Ref	4 keV Energy index
Q0003+158		$2.2\pm^{2.8}_{1.3}$	$1.40\pm^{6.0}_{0.6}$	1	
Q0003+199		2.0	6.5–8.5	10	1.0
Q0007+106		$0.4\pm^{0.9}_{0.3}$	$1.97\pm^{2.49}_{0.52}$	2	$0.66\ \pm^{0.09}_{0.14}$
Q0026+129	$5.9\pm^{1.4}_{1.1}$	$0.88\pm^{0.05}_{0.05}$	$1.41\pm^{0.03}_{0.03}$	3	$0.86\pm^{0.39}_{0.38}$
Q0049+171		$1.2\pm^{2.8}_{0.6}$	$2.58\pm^{5.95}_{0.67}$	1	$1.03\pm^{0.29}_{0.29}$
Q0050+124		$1.9\pm^{1.7}_{0.8}$	$3.60\pm^{6.7}_{1.3}$	1	
Q0052+251		$1.2\pm^{1.7}_{0.6}$	$1.63\pm^{3.5}_{0.5}$	1	$0.84\pm^{0.53}_{0.53}$
Q0054+144	$5.18\pm^{1.6}_{1.6}$	$0.41\pm^{0.07}_{0.07}$	$0.52\pm^{0.04}_{0.04}$	3	$0.07\pm^{0.67}_{0.64}$
Q0121−590		$0.9\pm^{0.2}_{0.1}$	$9.04\pm^{0.72}_{0.60}$	1	$1.07\pm^{0.07}_{0.07}$
Q0134+329		$0.7\pm^{0.4}_{0.4}$	$0.50\pm^{0.14}_{0.10}$	2	
Q0205+024	$18.8\pm^{4.5}_{5.0}$	$1.2\pm^{0.07}_{0.07}$	$0.58\pm^{0.06}_{0.06}$	3	
Q0312−770		$0.1\pm^{0.6}_{0.2}$	$0.49\pm^{0.59}_{0.09}$	2	
Q0414-060		$0.5\pm^{1.7}_{0.3}$	$0.32\pm^{0.8}_{0.1}$	1	
Q0637−752	<34.8	$0.46\pm^{0.10}_{0.10}$	$0.98\pm^{0.05}_{0.05}$	3	$0.93\pm^{0.64}_{0.60}$
					$0.83\pm^{0.15}_{0.08}$
Q0804+761		$1.01\pm^{0.51}_{0.45}$	$2.00\pm^{0.46}_{0.41}$	1	$1.08\pm^{0.16}_{0.11}$
Q0837−120		$0.65\pm^{0.27}_{0.23}$	$1.74\pm^{0.31}_{0.19}$	1	$0.89\pm^{0.28}_{0.17}$
Q0844+349		$0.53\pm^{0.62}_{0.34}$	$0.49\pm^{0.13}_{0.03}$	1	
Q0915+165		$0.3\pm^{0.3}_{0.2}$	$1.28\pm^{0.16}_{0.09}$	1	
Q0923+129		$0.7\pm^{0.4}_{0.4}$	$1.45\pm^{0.27}_{0.24}$	1	
Q1028+313	$7.5\pm^{2.0}_{2.1}$	$0.62\pm^{0.06}_{0.06}$	$0.76\pm^{0.07}_{0.07}$	3	
Q1100+772		$1.0\pm^{0.3}_{0.5}$	$0.69\pm^{0.19}_{0.13}$	2	
Q1116+215		$1.0\pm^{0.3}_{0.2}$	$0.68\pm^{0.12}_{0.06}$	2	
Q1137+660		$0.7\pm^{0.4}_{0.1}$	$0.39\pm^{0.08}_{0.02}$	2	
Q1146−037		$0.3\pm^{0.5}_{0.2}$	$0.56\pm^{0.26}_{0.07}$	2	
Q1202+281		$1.1\pm^{0.2}_{0.4}$	$1.19\pm^{0.27}_{0.25}$	2	
Q1211+143		$2.0\pm^{0.3}_{0.2}$	$5.5\pm^{0.8}_{0.7}$	4	$1.02\pm^{0.23}_{0.22}$
					$1.11\pm^{0.17}_{0.13}$
Q1219+755	$16.7\pm^{2.4}_{2.5}$	$0.78\pm^{0.03}_{0.03}$	$2.24\pm^{0.08}_{0.08}$	3	$1.17\pm^{0.67}_{0.60}$
					$0.91\pm^{0.09}_{0.09}$
Q1226+023	$48.9\pm^{3.3}_{3.3}$	$0.47\pm^{0.03}_{0.03}$	$9.8\pm^{0.2}_{0.2}$	3	$0.53\pm^{0.03}_{0.03}$
					$0.44\pm^{0.02}_{0.02}$
Q1244+026		$1.4\pm^{1.1}_{0.4}$	$0.78\pm^{0.11}_{0.12}$	1	
Q1307+085		$0.9\pm^{0.5}_{0.2}$	$0.81\pm^{0.12}_{0.06}$	2	$0.86\pm^{0.15}_{0.08}$
Q1351+695		$1.1\pm^{0.2}_{0.3}$	$3.7\pm^{0.3}_{0.3}$	1	
Q1352+183		$1.5\pm^{0.7}_{0.6}$	$0.56\pm^{0.04}_{0.09}$	1	
Q1407+265		$1.2\pm^{0.9}_{0.2}$	$0.44\pm^{0.17}_{0.05}$	2	

TABLE 3(A)— *Continued*

Object	0.2 keV flux (μJy)	1 keV Energy index	1 keV flux (μJy)	Ref	4 keV Energy index
Q1416−129		$0.9\pm^{0.5}_{0.5}$	$2.15\pm^{3.50}_{0.70}$	2	$0.10\pm^{0.10}_{0.10}$
Q1426+015	<50.4	$1.12\pm^{0.1}_{0.1}$	$3.05\pm^{0.09}_{0.09}$	3	$0.46\pm^{0.25}_{0.25}$
Q1501+106	$49.3\pm^{8.3}_{9.3}$	$0.93\pm^{0.04}_{0.04}$	$4.2\pm^{0.3}_{0.3}$	3	$0.42\pm^{0.16}_{0.16}$
Q1545+210		$0.8\pm^{0.3}_{0.5}$	$1.10\pm^{0.43}_{0.29}$	2	
Q1613+658	<20.3	$1.10\pm^{0.2}_{0.3}$	$1.40\pm^{0.04}_{0.04}$	3	
Q1635+119		$0.7\pm^{1.7}_{0.6}$	$0.35\pm^{0.83}_{0.09}$	1	
Q1704+608		$0.4\pm^{0.6}_{0.4}$	$0.15\pm^{0.06}_{0.03}$	1	
Q1721+343		$0.5\pm^{0.4}_{0.3}$	$1.93\pm^{0.73}_{0.20}$	2	$0.64\pm^{0.17}_{0.14}$
Q1803+676		$-0.2\pm^{0.4}_{0.3}$	$0.33\pm^{0.20}_{0.06}$	2	
Q2128-123		$0.5\pm^{0.7}_{0.4}$	$0.49\pm^{0.27}_{0.11}$	1	
Q2130+099	$22.8\pm^{5.4}_{5.3}$	$0.81\pm^{0.07}_{0.07}$	$0.91\pm^{0.08}_{0.08}$	3	$1.27\pm^{0.36}_{0.36}$
					$1.29\pm^{0.19}_{0.16}$
Q2135−147	<9.7	$0.73\pm^{0.05}_{0.05}$	$1.10\pm^{0.02}_{0.02}$	3	$0.83\pm^{0.33}_{0.31}$
					$0.86\pm^{0.08}_{0.08}$
Q2209+184		$0.8\pm^{0.5}_{0.5}$	$1.31\pm^{0.39}_{0.27}$	1	
Q2251-178		$0.4\pm^{0.6}_{0.6}$	$3.30\pm^{2.3}_{1.3}$	1	

REFERENCES.— 1) This paper; 2) Wilkes and Elvis (1987); 3) Masnou et al (1992); 4) Elvis et al (1991); 5) Comast Pounds (1989); 7) Williams et al (1992); 8) Ohashi et al (1992); 9) Della Ceca et al (1990); 10) Turner and Pounds (1986); 12) Saxton et al (1993).

TABLE 3(B)

OBSERVATIONAL DETAILS FOR NEW X-RAY POWER LAW FITS[a]

Object	Sequence	Date	Exposure (s)	Gain	PHA Channels	Fit Counts	Count Rate
Q0003+158	5360	1980 Jan 3	2211	11.7	2:9	560	0.11
		1980 Jun 15	2955	16.0			
Q0049+171	8431	1980 Jul 22	1373	15.5	2:10	488	0.36
Q0050+124	2632	1979 Jul 20	1552	14.6	2:10	555	0.36
Q0052+251	5334	1980 Jan 10	1472	16.4	2:11	351	0.24
Q0121-590	0523	1979 Nov 25	2566	12.6	1:9	5230	2.04
Q0414-060	0521	1979 Feb 25	4083	14.8	2:10	241	0.06
Q0804+761	5336	1980 Sep 27	1303	14.1	2:10	465	0.36
Q0837-120	8933	1981 Apr 21	5367	16.2	2:11	1717	0.32
Q0844+349	5337	1979 Oct 29	1659	18.7	2:12	1748	1.05
Q0915+165	3467	1979 Nov 6	1128	16.5	2:12	904	0.33
		1979 Nov 13	1622	19.5			
Q0923+129	6708	1980 May 7	2039	16.6	2:11	610	0.30
Q1244+026	8433	1980 Jul 13	1232	15.7	2:10	394	0.32
Q1351+695	10596	1981 Feb 9	1547	18.3	2:12	1486	0.96
Q1352+183	5377	1981 Jan 11	2669	12.8	1:9	418	0.16
Q1704+608	5688	1980 Jan 1-May 2	38084	16.6	2:11	1129	0.03
Q2128-123	8413	1980 May 9	5850	16.7	2:11	531	0.09
Q2209+184	8438	1980 Jun 15	1766	16.1	2:11	433	0.25
Q2251-178	2074	1979 May 22	1958	11.8	1:9	994	0.51

[a]For details of analysis, see Wilkes and Elvis (1987). For normalizations and errors on fit parameters, see Table 3(a)

TABLE 6

NEAR INFRARED PHOTOMETRY[b]

Object	J 1.2μm	H 1.65μm	K 2.2μm	3.4μm $\Delta\lambda = 0.2\mu$m	L′ 3.8μm	Date UT
			UVSX SAMPLE QUASARS			
Q0003+158	14.89±0.06	14.30±0.06	13.78±0.06			1984 Sep 14
	14.76±0.05	14.20±0.05	13.68±0.05	12.42±0.19		1988 Jan 31
Q0003+199	12.36±0.06	11.41±0.06	10.30±0.06	8.77±0.07		1984 Sep 14
Q0007+106	13.41±0.05	12.51±0.05	11.34±0.05	9.89±0.05		1985 Sep 27
Q0026+129	13.86±0.06	13.30±0.06	12.47±0.06	10.87±0.20		1984 Sep 14
	14.00±0.05	13.52±0.06	12.49±0.05	11.01±0.11		1985 Sep 26
Q0049+171	14.73±0.06	13.98±0.06	13.07±0.06			1984 Sep 14
	15.52±0.05	14.79±0.05	13.94±0.05	$12.45\pm^{0.46}_{0.32}$		1988 Jan 31
	15.11±0.09	14.45±0.04	13.96±0.05			1986 Sep 15
	14.94±0.09	14.34±0.04	13.33±0.04			1986 Sep 27
Q0050+124	12.17±0.06	11.13±0.06	9.90±0.06	8.35±0.06		1984 Sep 14
Q0054+144	14.08±0.06	13.21±0.06	12.11±0.06	10.65±0.12		1984 Sep 14
	14.08±0.05	13.24±0.05	12.01±0.05	10.43±0.08		1985 Sep 26
Q0134+329	14.67±0.06	13.90±0.06	12.81±0.06			1984 Sep 14
	14.67±0.05	13.97±0.05	12.80±0.05	$12.01\pm^{0.86}_{0.47}$		1985 Sep 26
	14.62±0.05	13.85±0.05	12.74±0.05	11.24±0.09		1985 Sep 27
Q0205+024	14.32±0.06	13.62±0.06	12.62±0.06			1984 Sep 14
	14.40±0.05	13.70±0.05	12.61±0.05	11.20±0.09		1985 Sep 27
Q0414-060	15.04±0.10	14.67±0.06	14.83±0.56			1981 Oct 24
	14.66±0.06	14.64±0.07	13.92±0.11			1981 Oct 25
	15.22±0.06	14.80±0.06	14.06±0.05			1982 Dec 19
	15.16±0.06	14.78±0.05	14.08±0.07			1982 Dec 20
	14.86±0.07	14.80±0.05	14.08±0.04			1982 Dec 21
	14.71±0.07	14.85±0.06	13.96±0.05			1983 Feb 15
	14.79	14.72	13.99			1984 Oct 28
	14.88±0.07	14.57±0.05	13.94±0.05			1985 Sep 23
Q0804+761	13.41±0.06	12.49±0.06	11.18±0.06	9.36±0.17		1984 Sep 14
	13.38±0.05	12.47±0.05	11.20±0.05	9.60±0.05		1986 Feb 23
Q0837-120	14.50±0.05	13.74±0.05	12.63±0.05			1985 Apr 12
	14.83±0.06	14.07±0.06	12.86±0.06	11.30±0.09		1988 Feb 1
Q0844+349	13.28±0.04	12.63±0.04	11.89±0.04		10.30±0.04	1988 Apr 25
Q0923+129	12.88±0.05	12.02±0.05	11.32±0.05			1985 May 2
	12.86±0.06	12.05±0.05	11.33±0.06	10.07±0.06		1985 May 4
	12.77±0.04	11.92±0.04	11.29±0.04		10.07±0.05	1986 Feb 4
	12.57±0.07	11.72±0.07	11.06±0.07			1986 Feb 27
Q1028+313	14.48±0.05	13.85±0.05	12.92±0.05	11.33±0.14		1985 Jun 2
		13.93±0.05		11.87±0.15		1985 Jun 3
Q1100+772	14.66±0.05	13.93±0.05	12.92±0.05	11.36±0.11		1988 Feb 1
Q1116+215	13.70±0.04	12.73±0.04	11.61±0.04		10.01±0.04	1986 Feb 4
	13.53±0.07	12.66±0.07	11.42±0.07			1986 Feb 27
	13.48±0.05	12.51±0.05	11.30±0.05	9.70±0.05		1988 Apr 8
	13.45±0.04	12.44±0.04	11.35±0.04		9.51±0.04	1988 Apr 25
Q1137+660	14.93±0.05	14.75±0.05	13.86±0.05		11.95±0.08	1986 Feb 4
Q1146−037	16.35±0.05	15.49±0.05	14.68±0.05			1986 Feb 23

TABLE 6—*Continued*

Object	J 1.2μm	H 1.65μm	K 2.2μm	3.4μm $\Delta\lambda = 0.2\mu$m	L′ 3.8μm	Date UT
Q1219+755	13.18±0.05	12.40±0.05	11.60±0.05	10.46±0.09		1985 Jun 1
	13.24±0.07	12.40±0.07	11.58±0.07			1986 Feb 27
Q1226+023	11.71±0.06	10.84±0.06	9.71±0.06	8.23±0.06		1988 Apr 7
	11.78±0.04	10.87±0.04	9.78±0.04		7.91±0.04	1988 Apr 25
Q1244+026	14.69±0.06	13.86±0.04	13.09±0.04		11.74±0.08	1983 Feb 6
Q1307+085	14.12±0.06	13.56±0.04	12.63±0.04		10.81±0.06	1988 Apr 25
	14.08±0.05	13.51±0.05	12.56±0.05	11.19±0.12		1988 Apr 8
Q1352+183	14.97±0.05	14.22±0.05	13.01±0.05	11.43±0.09		1986 Feb 23
Q1407+265	14.86±0.06	14.49±0.06	13.84±0.08	12.21±0.17		1988 Apr 7
	14.85±0.04	14.39±0.05	13.88±0.05		11.74±0.06	1988 Apr 25
	14.86±0.06	14.49±0.06	13.84±0.07	12.21±0.16		1988 Apr 7
Q1416−129	14.62±0.05	14.01±0.05	13.02±0.06		12.05±0.22	1983 Feb 6
	14.44±0.03	13.73±0.03	12.52			1985 Apr 12
	13.87±0.05	14.05±0.05	12.95±0.05		11.25±0.09	1986 Feb 5
	14.87±0.05	14.03±0.05	12.81±0.05			1988 Apr 8
	14.88±0.07	13.97±0.05	12.83±0.04		11.01±0.04	1988 Apr 25
Q1426+015	13.30±0.05	12.50±0.04	11.54±0.04		10.24±0.09	1983 Feb 6
	13.03	12.23	11.69			1985 Apr 12
	13.13±0.06	12.27±0.06	11.21±0.06	9.76±0.06		1985 May 5
	13.09±0.07	12.19±0.07	11.18±0.07			1986 Feb 27
	13.43±0.04	12.59±0.04	11.59±0.04		9.73±0.04	1988 Apr 25
Q1501+106	12.96±0.07	12.12±0.08	11.19±0.05		9.84±0.07	1983 Feb 6
	12.93±0.05	12.17±0.05	11.23±0.05	9.82±0.05		1986 Feb 23
		12.13±0.07				1986 Feb 27
	13.38±0.04	12.65±0.04	11.82±0.04		9.89±0.04	1988 Apr 25
Q1545+210	14.79±0.06	14.03±0.06	12.98±0.06	>10.96		1985 May 5
	14.74±0.05	14.00±0.05	13.11±0.04		11.16±0.04	1988 Apr 25
Q1613+658	14.03±0.05	12.77±0.05	11.86±0.05	$11.50\pm^{0.55}_{0.37}$		1984 Sep 15
	13.55±0.06	12.77±0.06	11.79±0.06	10.37±0.06		1985 May 5
	13.55±0.06	12.73±0.06	11.72±0.06	10.30±0.07		1988 Apr 7
	13.64±0.04	12.75±0.04	11.82±0.04		10.05±0.04	1988 Apr 25
Q1635+119	15.15±0.06	14.38±0.06	13.61±0.06	>12.79		1986 Feb 22
	15.51±0.04		14.10±0.07		12.71±0.26	1988 Apr 25
Q1704+608	14.45±0.06	13.76±0.05	12.77±0.06	11.02±0.08		1988 Apr 7
	14.44±0.04	13.73±0.05	12.84±0.04		10.62±0.05	1988 Apr 25
Q1721+343	14.37±0.06	13.82±0.06	12.77±0.06	11.60±0.23		1984 Sep 14
	14.22±0.07	13.74±0.07	12.64±0.07	>10.74		1985 May 31
	14.22:±0.13	13.67:±0.13	12.82:±0.13	11.33:±0.18		1985 Sep 25
	14.39±0.05	13.77±0.04	12.75±0.045		10.87±0.05	1988 Apr 25
Q1803+676	14.48±0.06	13.56±0.06	12.42±0.05	$11.18\pm^{0.52}_{0.35}$		1984 Sep 14
	14.40±0.05	13.50±0.05	12.37±0.05	10.83±0.09		1985 Sep 27
	14.52±0.04	13.56±0.04	12.45±0.04		10.73±0.05	1988 Apr 25

TABLE 6—*Continued*

Object	J 1.2μm	H 1.65μm	K 2.2μm	3.4μm $\Delta\lambda = 0.2\mu$m	L′ 3.8μm	Date UT
Q2128-123	14.97±0.08	14.39	13.51			1982 Jun 14
	14.56	14.06	13.33			1984 Oct 29
	14.70	14.10	13.32			1986 Sep 27
Q2130+099	12.95±0.06	11.83±0.06	10.72±0.06	9.31±0.06		1984 Sep 14
	13.25±0.05	12.15±0.05	10.97±0.05	9.38±0.05		1985 Sep 26
	13.46±0.06	12.17±0.04	11.22			1986 Sep 23
Q2135-147	14.83	13.81	12.64±0.14			1981 Oct 26
	14.58±0.07	13.65	12.96			1982 Jun 16
	14.20±0.07	13.57	12.51			1983 Nov 1
	14.13	13.57	12.43			1984 Oct 29
	14.23±0.05	13.50±0.05	12.35±0.05	10.85±0.09		1985 Sep 27
	14.06	13.45	12.37			1986 Sep 27
Q2209+184	13.88±0.06	13.14±0.06	12.44±0.06	$11.55\pm^{0.59}_{0.38}$		1984 Sep 14
Q2251−178	13.30±0.06	12.58±0.06	11.61±0.06	10.07±0.11		1984 Sep 14
			OTHER "IPC" QUASARS			
Q0112−017	16.88±0.08	15.88±0.08	15.45±0.14			1984 Sep 14
Q0133+207	15.83±0.07	14.88±0.05	13.75±0.05	12.04±0.13		1988 Jan 31
Q0219+428	13.67±0.05	12.85±0.05	12.02±0.05	10.46±0.07		1984 Sep 15
Q0323+022	14.78±0.06	14.07±0.06	13.37±0.06			1984 Sep 14
		14.04±0.06	13.44±0.06			1984 Sep 14
Q0424−131	15.95±0.06	15.31±0.07	14.50±0.07			1988 Jan 31
	15.98±0.05	15.41±0.05	14.62±0.05	>12.79		1988 Feb 1
Q0923+392	15.69±0.05	15.20±0.05	14.16±0.05			1985 Jun 2
	15.65±0.06	15.11±0.09	14.07±0.08			1985 Sep 27
Q1012+008	14.12±0.03	13.37	12.52±0.03			1985 Apr 12
	14.27±0.06	13.45±0.06	12.46±0.06	11.18±0.11		1986 Feb 22
		13.60±0.05	12.57±0.05	11.17±0.07		1986 Feb 23
	14.66±0.07	13.78±0.04	12.81±0.04		10.89±0.05	1988 Apr 25
Q1121+422	14.68±0.04	14.18±0.04	13.23±0.04			1985 Apr 11
	15.06±0.05	14.28±0.05	13.21±0.05	11.59±0.07		1986 Feb 26
Q1217+023	15.07±0.05	14.28±0.05	13.16±0.05			1985 Jun 2
		14.23±0.05		11.67±0.30		1985 Jun 3
	15.28±0.05	14.47±0.04	13.41±0.04		11.94±0.06	1986 Feb 4
Q1253−055	14.83±0.06	13.84±0.06	12.87±0.06	11.33±0.09		1986 Feb 22
Q1346−036	15.60±0.06	15.04±0.06	14.22±0.06			1986 Feb 22
Q1517+239	16.90±0.10	16.17±0.10	15.46±0.12			1986 Feb 26
Q2112+059	14.45±0.05	13.71±0.05	12.59±0.05	10.94±0.11		1986 Sep 20
Q2126−158	15.50±0.06	14.93±0.06	14.25±0.06			1984 Sep 14
Q2233+134	15.61±0.06	14.86±0.05	13.59±0.06	12.19±0.24		1986 Sep 20
Q2214+139	13.26±0.05	12.43±0.05	11.58±0.05	10.30±0.06		1986 Sep 20
Q2251+113	14.60	13.58	12.55			1981 Oct 26
	14.31±0.07	13.73	12.50			1982 Dec 21
	14.35±0.04	13.43	12.42			1984 Oct 28
	14.20±0.04	13.41±0.03	12.44±0.03			1986 Sep 15
	14.27±0.05	13.42±0.05	12.34±0.05	10.75±0.08		1986 Sep 20
Q2254+023	16.37±0.05	15.75±0.05	14.89±0.06	>11.80		1986 Sep 20

TABLE 9
RADIO FLUXES

Object	ν(GHz)	$S_{\rm core}$(mJy)[a]	$S_{\rm ext}$(mJy)[a]	Date	Telescope[b]	Resolu
Q0003+158	5	130±0.07	199	1983 Nov	VLA	0.5
Q0003+199	1.5	4.1±0.9		1983 Jul	VLA	90
	5	3.0±0.07	0.89	1983 Nov	VLA	0.5
	5	3.30±0.18		1983 Jul	VLA	15
	20	<1.7		1983 Jul	OVRO	90
Q0007+106	1.5	296±15	8±1	1983 Aug	VLA	1.0
	1.5	340±1		1982 Apr	VLA	1.0
	5	470±1		1982 Apr	VLA	0.5
	5	184±10		1983 Aug	VLA	0.3
	5	151±0.07	170±0.07	1983 Nov	VLA	0.5
Q0026+129	1.4		1.2±0.2	1982 Oct	VLA	6
	5		2.9±0.4	1982 Oct	VLA	16
	5	0.2±0.07	4.9±0.07	1983 Nov	VLA	0.5
	15		4.6±0.7	1982 Oct	VLA	58
Q0049+171	5	0.65±0.1	<0.2	1983 Nov	VLA	0.5
Q0050+124	5	1.80±0.07	0.80	1983 Nov	VLA	0.5
Q0052+251	5	0.42±0.07	0.32±0.07	1983 Nov	VLA	0.5
Q0054+144	5	1.0±0.2	< 1	1986	VLA	5
Q0121-590	8.4	<10	<10	1986 Jun	PKS	16
Q0134+329	2.3	210±50		1976	VLBI	<4
	5		5510±280	1982 Jun	VLA	0.5
	15		2290±114	1982 Jun	VLA	0.1
Q0205+024	1.4	1.2±0.2	3.3±0.5	1982 Mar	VLA	2.0
	5	0.8±0.15	<0.3	1982 Mar	VLA	0.3
	15	< 0.8		1982 Oct	VLA	5
Q0312-770	0.4	<1500	<1500	1965?	PKS	28
	1.4	600	<600	1965?	PKS	84
	2.7	500±20		1970	PKS	47
	5.0	560±30		1971 Jan	PKS	24
Q0414-060	0.4		3000±150	1970 Oct	PKS	28
	1.4		800±40	1966?	PKS	84
	2.7		480±24	1966?	PKS	47
	2.7	480		1973 May	NRAO	1?
Q0637-752	0.6	6510±300		1965-9	PKS	18
	1.4	5330±160		1965-9	PKS	93
	2.7	4510 ±120		1970	PKS	47
	2.7	5900±180		1973 Jan	PKS	47
	5.0	6190±190		1971 Jan	PKS	24
	5.0	5490±160		1973 Apr	PKS	24
	8.9	5530±200		1974 Mar	PKS	15
Q0804+761	5	0.97±0.07	1.41	1983 Nov	VLA	0.5
Q0837-120	0.6	<700	3510±200	1973/4	WSRT	49
	1.4	165±10	1374±45	1971/4	WSRT	21
	5	160±10	672±50	1973/4	WSRT	6
	5	181±10		1987 Jan	VLA	
	15	221±11		1987 Jan	VLA	
	22.5	199.2±20		1987 Jan	VLA	
Q0844+349	5	<0.25	0.31±0.1	1983 Nov	VLA	0.5

TABLE 9—*Continued*

Object	ν(GHz)	$S_{\rm core}$(mJy)[a]	$S_{\rm ext}$(mJy)[a]	Date	Telescope[b]	Resolu
Q1100+772	1.4		2350±75	1974	WSRT	2
	5	75±20	1398±30	1974	WSRT	6
	5	100	856	1981 Mar	VLA	0
	5	76±0.07	584±0.1	1983 Nov	VLA	0
	5	78±10		1987 Jan	VLA	
	15	78±4		1987 Jan	VLA	
	22.5	68.6±6		1987 Jan	VLA	
Q1116+215	5	1.9±0.07	0.86±0.07	1983 Nov	VLA	0
Q1137+660	1.4		2915±58	1974	WSRT	2
	2.7	94±32	1610	1975-6	NRAO	0
	5	130		1973	OMT	2
	5	162±8	913±40	1974	WSRT	6
	5	169	840	1981	VLA	0
	8.1	153±19	545	1975-6	NRAO	0
Q1146-037	1.4	115	199	1980/1	VLA	2
	2.7	180		1973 May	NRAO	
	8.1	190		1973 May	NRAO	
Q1202+281	5	0.65±0.07	0.18±0.07	1983 Nov	VLA	0
Q1211+143	5	1.2±0.07	155.8±0.1	1983 Nov	VLA	0
Q1219+755	5	1.2±0.1	<1.2	1986	VLA	5
Q1244+026	5.0	0.47±0.07	0.36	1983 Nov	VLA	0
Q1226+023	5	30500		1980 Nov	VLA	0
	5	41500±2100		1974	WSRT	6
	5	26400	10600	1983 Nov	VLA	0
Q1307+085	5	<0.35	0.35±0.1	1983 Nov	VLA	0
Q1351+695	1.5	22.4±1.4		1983 Jul	OVRO	9
	5	7.4±0.4		1983 Jul	VLA	1
	20	<3.3		1983 Jul	VLA	9
Q1352+183	5	<0.25		1983 Nov	VLA	0
Q1407+265	5	2.9±0.07	5.0±0.1	1983 Nov	VLA	0
Q1416-129	5	0.8±0.07	2.8±0.1	1983 Nov	VLA	0
Q1426+015	5	0.93±0.07	0.28±0.1	1983 Nov	VLA	0
Q1501+106	1.5	<14.8		1983 Jul	VLA	9
	5	0.50±0.10	1.0±0.1	1983 Nov	VLA	0
	20.0	<2.2		1983 Jul	VLA	9
Q1545+210	0.6		4667±250	1974	WSRT	5
	1.4		2284±114	1974	WSRT	2
	1.5	35±1		1982 Apr	VLA	0
	5	30±6	794±40	1974	WSRT	6
	5	45	631	1981	VLA	0
	5	32±0.07	688	1983 Nov	VLA	0
Q1613+658	1.5	4.26±0.42		1986 Nov	VLA	9
	5	0.78±0.07	2.25±0.1	1983 Nov	VLA	0
	5	2.19±0.11		1986 Oct	VLA	3
	14.9	1.51±0.23		1985 Jul	VLA	1
	40	<237		1985 Jul	FCRAO	
Q1635+119	1.4		129	1983	GB	7
	1.5	16		1983 Apr	VLA	1

TABLE 9—*Continued*

Object	ν(GHz)	$S_{\rm core}$(mJy)[a]	$S_{\rm ext}$(mJy)[a]	Date	Telescope[b]	Resolu
Q1704+608	0.6		6050± 320	1974	WSRT	50
	1.4	<700	3142±157	1974	WSRT	21
	2.7		1502	1975-6	NRAO	
	5	18±2	1042±53	1974	WSRT	6
	5	8.0±0.07	1230	1983 Nov	VLA	0.
	5	17.7±0.9		1987 Jan	VLA	
	8.1		624	1975-6	NRAO	
	15	8.2 ±0.4		1987 Jan	VLA	
	22.5	4.8±0.8		1987 Jan	VLA	
Q1721+343	1.5	610±30	1010±80	1976	WSRT	10
	1.5	450±1		1982 Apr	VLA	1.
	5	440±30	640±40	1979	WSRT	30
	5	370±1		1982 Apr	VLA	0.
Q1803+676		< 0.35	<0.35		VLA	0.
Q2128-123	8.4	3340±230		1989	PKS	16
Q2130+099	1.5	4.71±0.32		1986 Nov	VLA	9
	5	1.3±0.07	0.75±0.1	1983 Nov	VLA	0.
	5	2.09±0.11		1986 Oct	VLA	3
	14.9	1.47±0.23		1985 Jul	VLA	1
	40	<258		1985 Jul	FCRAO	
Q2135-147	0.6	<600	6991±350	1974	WSRT	49
	1.4	<75	3268±163	1974	WSRT	21
	1.5	87±1		1982 Apr	VLA	1.
	5	97±10	1049±70	1974	WSRT	6
	5	126±1		1982 Apr	VLA	0.
Q2209+184	1.4		212	1983	GB	70
	5		116±16	1987	GB	21
	5	280±0.07	10±0.07	1983 Nov	VLA	0.
Q2251-178	5	0.26		1984?	VLA	0.

[a]The division of fluxes into core and extended is arbitrary when only low resolution observations are such cases the presence of a flux in the 'core' column indicates we have chosen to use it in the const energy distribution.

[b]Telescope acronyms are: FCRAO: Five College Radio Astronomy Observatory, MA; GB: Green B telescope; NRAO: NRAO Green Bank Interferometer, WVA; OVRO: Owens Valley Radio Observato Parkes 64-m DSN telescope, NSW, Australia; VLA: Very Large Array, NM; VLBI: Goldstone and telescopes; WSRT: Westerbork Synthesis Radio Telescope, Netherlands.

REFERENCES.— (1) Kellerman et al (1989); (2) I. Gioia, private communication; (3) Gower and Hut (4) Unger et al (1987); (5) Preston et al (1985); (6) Feigelson, Isobe and Kembhavi (1984); (7) R and Stein (1984); (8) Miley and Hartsuijker (1978); (9) Price and Milne (1965); (10) Pooley and He (11) Perley (1982); (12) Spencer et al (1989); (13) Swarup, Sinha, and Hilldrup (1984); (14) Wills Owen, Porcas and Neff (1978); (16) Hintzen, Ulvestad and Owen (1983); (17) Antonucci and Barvaini Hutchings and Gower (1985); (19) Shimmins and Bolton (1981); (20) Bolton and Butler (1975); (21) (22) Ekers (1969); (23) Shimmins and Bolton (1972a); (24) Shimmins and Bolton (1972b); (25) Meu (1981); (26) Edelson (1987); (27) Gregory and Condon (1991); (28) White and Becker (1992); (29) (1991); (30) Jagers et al (1982); (31) Bolton et al (1971); (32) Shimmins et al (1966); (33) Barvainis a (1989)

TABLE A6(A)
EXTENDED RADIO SOURCE FLUXES

Object	ν(GHz)	S(mJy)	Date	Telescope
Q0007+106 ERS	5	170±0.07	1983	VLA
Q0026+129 ERS	5	4.9±0.07	1983	VLA
Q0049+171 ERS	5	<0.2	1983	VLA
Q0052+251 ERS	5	0.32±0.07	1983	VLA
Q0054+144 ERS	5	<1.0	1986	VLA
Q0121-590 ERS	8.4	<10	1986 Jun	PKS
Q0134+329 ERS	5	5510	1982 Oct	MERLIN
	1.5	1530	1982 Jun	VLA
Q0205+024 ERS	5	<0.3	1982 Oct	VLA
	1.4	3.3±0.5	1982 Oct	VLA
Q0312-770 ERS	0.4	1500		PKS
	1.4	<600		PKS
	2.7	<500		PKS
	5.0	<560		PKS
Q0637-752 ERS	5.0	<5490	1970	PKS
Q0837-120 ERS	5	672±50	1974	WSRT
	1.4	1374±45	1974	WSRT
	0.6	3510±200	1974	WSRT
Q0844+349 ERS	5	0.31±0.1	1983	VLA
Q1028+313 ERS	5	54±8	1982 Oct	VLA
	1.4	124±50	1982 Oct	VLA
Q1100+772 ERS	5	584±0.1	1983	VLA
	5	856	1981	VLA
	5	1398±30	1974	WSRT
	1.4	2350±75	1974	WSRT
Q1116+215 ERS	5	0.86±0.07	1983 Nov	VLA
Q1137+660 ERS	5	840	1981	VLA
	2.7	1610	1975	GB
	8.1	545	1975	GB
	5	913±40	1974	WSRT
	1.4	2915±58	1974	WSRT
Q1146-037 ERS	1.4	199	1980/1	VLA
Q1202+281 ERS	5	0.18±0.07	1983 Nov	VLA
Q1211+143 ERS	5	155.8±0.1	1983 Nov	VLA
Q1219+755 ERS	5	<1.2	1986	VLA
Q1226+023 ERS	5	10600	1983 Nov	VLA
Q1307+085 ERS	5	0.35±0.1	1983 Nov	VLA
Q1407+265 ERS	5	5.0±0.1	1983 Nov	VLA
Q1416-129 ERS	5	2.8±0.1	1983 Nov	VLA
Q1426+015 ERS	5	0.28±0.1	1983 Nov	VLA
Q1501+106 ERS	5	1.0±0.1	1983 Nov	VLA
Q1545+210 ERS	5	688	1983 Nov	VLA
	5	631	1981	VLA
	5	794±40	1974	WSRT
	1.4	2284±114	1974	WSRT
	0.6	4667±250	1974	WSRT
Q1613+658 ERS	5	2.25±0.1	1983 Nov	VLA

TABLE A6(A)—*Continued*

Object	ν(GHz)	S(mJy)	Date	Telescope
Q1704+608 ERS	5	1230	1983 Nov	VLA
	2.7	1502	1975	GB
	8.1	624	1975	GB
	5	1042±53	1974	WSRT
	1.4	3142±157	1974	WSRT
	0.6	6050±320	1974	WSRT
Q1721+343 ERS	5	640±40	1979	WSRT
	1.5	1010±80	1976	WSRT
Q1803+676 ERS	5	< 0.4		
Q2130+099 ERS	5	0.75±0.1	1983 Nov	VLA
Q2135-147 ERS	5	1049±70	1974	WSRT
	1.4	3268±163	1974	WSRT
	0.6	6991±350	1974	WSRT

TABLE 10
MILLIMETRE FLUXES

Object	λ(mm)	S(mJy)	Date	Telescope
Q0003+199	1.3	<852	1983	NRAO
Q0007+106	3.3	1600±100	1979	NRAO
	3.3	2600±400	1978	NRAO
	1.0	800±200	1979	Hale
Q0026+129	1.0	<1600	1982	UKIRT
	1.0	<1000	1979	Hale
	3.3	190±40	1980	NRAO
Q0050+124	1.3	<672	1983	NRAO
	1.3	<222	1986	NRAO
	3.3	<141	1986	NRAO
	0.15	1900±0.8	1987	KAO
Q0054+144	3.3	<360	1980	NRAO
	1.3	<3.0	1988	IRAM
Q0134+329	1.0	<700	1979	Hale
	3.3	300	1986	IRAM
Q0205+024	3.3	<60	1984	UKIRT
Q0837-120	1.3	55.0±6.3	1989	IRAM
Q0844+349	1.3	<3.4	1988	IRAM
Q1028+313	3.3	140±30	1980	NRAO
Q1100+772	1.3	4.2±1.8	1989	IRAM
Q1137+660	3.3	140±90	1980	NRAO
Q1202+281	3.3	<210	1980	NRAO
Q1211+143	1.3	<2.8	1988	IRAM
Q1219+755	3.3	<90	1980	NRAO
	1.0	<900	1978	Hale
Q1226+023	3.3	20280±1960	1977	VLA
	3.3	12900±1000	1978	NRAO
	3.3	14800±900	1979	NRAO
	3.3	16320±1640	1980	NRAO
	3.3	31300±400	1982	NRAO
	1.9	19000±2000	1982	NRAO
	1.1	11000±1000	1982	UKIRT
	1.0	10200±2100	1977	Hale
	0.8	8700±1500	1982	UKIRT
	0.4	4900±900	1982	UKIRT
Q1351+695	1.3	<1548	1983	NRAO
Q1426+015	1.3	<4.3	1988	IRAM
Q1613+658	1.3	<3.1	1988	IRAM
Q1704+608	3.3	<180	1980	NRAO
	1.3	<6.0	1989	IRAM
	1.0	<1000	1979	Hale
Q2128-123	3.3	1.3±0.1	1986	IRAM
	1.3	0.35±0.1	1986	IRAM
Q2130+099	1.3	2.1±0.7	1988	IRAM
Q2135-147	3.3	230±50	1980	NRAO
	1.0	<800	1979	Hale

TABLE 11

MAGNITUDE SCALE ZERO POINTS[a]

Band	Reference λ (μm)	Zero pt (Jy) (Vega)	Zero pt (Jy) ($\alpha = 1$)
U	0.36	1317	1779
B	0.44	4333	4047
V	0.54	3647	3536
R	0.70	2791	2869
I	0.90	1871	2339
J	1.25	1567	1657
H	1.65	1016	1053
K	2.20	687	710
N34	3.40	325	321
L'	3.80	256	270
M	4.8	161	167
N	10.1	39	38
Q	20.25	9.8	11

[a]The zero points correspond to a system in which the magnitude of Vega is exactly zero. Values are given for an object with the same spectrum as Vega and for an object with a flat energy distribution (power law spectrum $F_\nu \sim \nu^{-\alpha}$ of slope unity).

TABLE 12
ADOPTED HOST GALAXY PARAMETERS

Object

NOTE.—Adopted luminosities and half light radii for host galaxies, derived as discussed in the text. No spatial information was available for objects marked with reference (0), and they have been assigned the median luminosity of the remainder of the sample.

REFERENCES.— (1) Boroson, Oke and Green (1982); (2) Gehren et al (1984); (3) Smith et al (1986); (4) Boroson and Oke (1984); (5) McAlary et al (1983); (6) Neugebauer et al (1985); (7) Yee and Green (1987); (8) Hutchings, Crampton and Campbell (1984); (9) Griersmith and Visvanathan (1979). (10) Hutchings, Johnson and Pike (1988); (11) Hutchings, Janson and Neff (1989) (12) Neizvestnii (1986); (13) MacKenty (1990).