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OBSERVATION Day	Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
01			LEAR	0238.0	0239.0	III		1	25	79	
	0000	0800	CULG	0239.0	0239.0	III	B	1	18	140	
			LEAR	0251.0	0251.0	III		1	25	78	
			CULG	0252.0	0252.0	III	B	1	20	90	
			LEAR	0313.0	0324.0	III		2	25	180	
			CULG	0317.0	0318.0	III	G	1	18	160	
			HIRA	0317.0	0326.5	III	G	1	30	140	
			CULG	0323.0	0327.0	III	G	1	18	170	
			LEAR	0405.0	0405.0	III		1	25	103	
			CULG	0406.0	0406.0	III	B	1	18	180	
	0702	1200	IZMI	0730.0U	1200.0D	I	N	1	180	270X	
	0808	1411	POTS	0808 E	0927 U	I	S,N	1	200U	290	100-200MHz no data
	0812	1329	ONDR								
			POTS	1035	1228 U	I	S,N	1	200U	270	
			POTS	1236.3	1237.4	DCIM		2	220	530	
	0825	1450	BLEN	1236.4	1237.5	III	GG	2	200	550	
	2000	2400	CULG	2112.0	2112.0	III	G	1	18	130	
	2130	2400	HIRA								
	0000	0723	HIRA	2338.5	2339.0	III	B	1	30	110	
02			LEAR	0112.0	0113.0	III		1	25	180	
	0000	0723	HIRA	0112.5	0114.0	III	G	1	40	230	
	0000	0800	CULG	0113.0	0114.0	III	G	1	45	180	
			CULG	0458.0	0500.0	III	G	1	100	180	
	0700	1200	IZMI	0706.9	0707.5	III	G	2	45	160	
			CULG	0707.0	0707.0	III	G	1	30	180	
			LEAR	0707.0	0830.0	III	N	1	25	180	
			IZMI	0722.9	0723.9	III	G	2	35	180	
			CULG	0723.0	0727.0	III	G	1	23	130	
			IZMI	0726.1	0726.6	III	G,C	2	40	90	
	0808	1410	POTS	0809 U	0812	DCIM		2	200U	400	100-200MHz no data
			IZMI	0809.5	0810.7	III	GG	2	130	270X	
			POTS	0813	0818	III	G	1	230	330	
			IZMI	0813.6	0816.5	III	G	1	200	270	
	0814	1328	ONDR								
			IZMI	0849.3	0850.0	III	G	2	45	90	
			IZMI	0928.4	0928.4	III	G	1	210	270	
			POTS	0928.4	0932.5	III	GG	2	40X	390	
			LEAR	0930.0	0932.0	III		1	25	180	
			SVTO	0930.0	0931.0	III		1	25	180	
			IZMI	0930.3	0932.4	III	GG,FS	2	40	270X	
	0825	1450	BLEN	0930.3	0932.5	III	GG	2	120	400	
			POTS	1016	1026	I	S,N	1	250	400	
			POTS	1052 U	1120 U	I	S,N	1	240	330	
			POTS	1147	1211	I	S,N	1	200U	280	
			POTS	1212.1	1215.4	III	G	1	40X	250	
			HOLL	1653.0	1653.0	III		1	25	123	
			PALE	1926.0	1926.0	III		1	25	86	
	2000	2400	CULG	2005.0	2005.0	III	B	1	20	130	
			CULG	2215.0	2215.0	III	B	1	20	90	
			CULG	2311.0	2311.0	III	B	1	30	90	
			LEAR	2311.0	2311.0	III		1	25	88	
	2130	2400	HIRA	2311.0	2311.5	III	B	1	50	100	
03			LEAR	0013.0	0013.0	III		1	25	64	
	0000	0723	HIRA	0013.0	0013.5	III	B	1	25X	80	
			HIRA	0036.0	0040.5	III	G	1	25X	310	
			LEAR	0036.0	0040.0	III		1	25	180	
	0000	0800	CULG	0039.0	0041.0	III	G	1	25	90	
			CULG	0204.0	0207.0	III	G	1	18	120	
			HIRA	0204.0	0206.5	III	G	1	25X	120	
			LEAR	0204.0	0206.0	III		2	25	180	
			CULG	0250.0	0250.0	III	B	1	18X	90	
			HIRA	0250.0	0250.5	III	B	1	25X	80	
			LEAR	0250.0	0250.0	III		2	25	88	
			CULG	0301.0	0302.0	III	G	2	18	120	
			LEAR	0301.0	0302.0	III		2	25	135	
			HIRA	0302.0	0302.5	III	B	2	25X	110	
			CULG	0400.0	0400.0	III	B	1	20	90	

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03			LEAR	0400.0	0400.0	III		1	25	95	
			CULG	0446.0	0446.0	III	B	1	25	90	
			CULG	0527.0	0559.0	III	N	1	27	90	
			LEAR	0558.0	1037.0	III	N	1	25	180	
			IZMI	0655.0E	0820.0U	III	N	2	45	180	
	0655	1200	IZMI	0655.0E	1200.0D	I	N	2	50	260	
			CULG	0700.0	0700.0	III	B	1	27	90	
			CULG	0705.0	0800.0D	I	S	1	100	180	
			IZMI	0743.0	0747.4	III	GG	2	40	160	
	0745	0810	POTS	0745 E	0803	III	GG,N	2	40X	85U	only 40-100 MHz
			CULG	0745.0	0745.0	III	G	1	27	90	
			IZMI	0754.9	0755.6	III	G	2	40	90	
			CULG	0755.0	0755.0	III	B	1	30	90	
			IZMI	0801.0	0804.6	III	GG	2	40	120	
			LEAR	0814.0	0815.0	III		2	25	180	
			SVTO	0814.0	0815.0	III		1	25U	83U	
			IZMI	0814.7	0816.0	III	G,C,FS	2	25X	270X	
	0810	1409	POTS	0814.8	0815.1	III	B	2	40X	270	100-200MHz no data
			POTS	0815.0	0816.6	DCIM		2	230	700U	
	0816	1327	ONDR								
			IZMI	0843.3	0848.1	III	GG	1	40	90	
			IZMI	0904.0	0904.3	III	G,C	2	30	90	
			POTS	0904.0	0904.3	III	B	2	40X	60	
			SVTO	0904.0	0904.0	III		1	25U	60U	
			POTS	0935.4	0944.5	III	GG,N	1	40X	85	
			IZMI	0935.7	0935.8	III	B,HARM	2	45	160	
			IZMI	0941.5	0945.4	III	GG	1	40	100	
			IZMI	0956.6	0958.1	III	G	2	30	250	
			POTS	0958.7	1002.8	III	G,N	2	40X	300	
			IZMI	1002.0	1002.2	III	G	2	40	130	
			IZMI	1008.2	1008.3	UNCLF		1	55	130	
			IZMI	1109.7	1114.0	III	GG	2	30	160	
			POTS	1109.8	1113.0	III	GG	1	40X	70	
			IZMI	1139.9	1140.4	III	GG	2	35	270X	
			POTS	1139.9	1145.6	III	G,N	2	40X	380	
			SVTO	1140.0	1140.0	III		1	25U	147U	
			SVTO	1140.0	1145.0	III		1	25U	147U	
			IZMI	1145.3	1145.5	III	G	2	40	165	
			POTS	1237.1	1239.9	III	G	2	40X	260	
			POTS	1259	1308	III	GG	2	40X	240	
			SVTO	1300.0	1306.0	III		2	25	180	
	0825	1450	BLEN	1304.4	1305.4	III	GG	1	100X	180	
	2000	2400	CULG	2000.0E	2040.0	III	N	1	18	180	
			HOLL	2007.0	2009.0	III		1	25U	180U	
			HOLL	2021.0	2022.0	III		1	25U	180U	
			CULG	2112.0	2219.0	I	S	1	100	160	
	2131	2400	HIRA								
			CULG	2141.0	2141.0	III	G	1	57	150	
			LEAR	2149.0	2219.0	CONT		1	110	180	
04	0000	0200	CULG	0005.0	0107.0	III	N	1	30	160	
			LEAR	0029.0	0242.0	III	N	1	25	180	
	0000	0723	HIRA	0142.5	0150.0	III	G	1	25X	130	
			CULG	0143.0	0150.0	III	G	1	20	180	
			HIRA	0227.5	0237.0	III	G	1	30	200	
	0300	0800	CULG	0408.0	0412.0	UNCLF		1	100	170	
			LEAR	0432.0	0955.0	III	N	1	25	180	
			CULG	0433.0	0433.0	III	B	3	18X	550	
			HIRA	0442.5	0443.5	III	B	1	25X	530	
			CULG	0641.0	0642.0	III	G	2	30	180	
			HIRA	0641.0	0642.5	III	G	1	40	200	
			IZMI	0658.2	0703.2	III	GG	1	45	150	
	0701	1205	IZMI	0701.0E	1200.5D	I	N	2	70	250	
			IZMI	0745.4	0901.0U	III	N	1	45	90	
			SVTO	0751.0	1424.0	CONT		1	25	152	
	0810	1409	POTS	0810 E	1008 U	I	S,N	1	200U	270	100-200MHz no data
	0818	1326	ONDR								
			IZMI	0825.7	0832.9	III	GG	2	40	140	
			POTS	0827.4	0832.2	III	GG	2	40X	85U	

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04			IZMI	0920.2	0920.8	III	G,C	2	30	145	
			POTS	0920.2	0921.7	III	GG	2	40X	85U	
			IZMI	0921.5	0921.7	III	G,HARM	2	35	65	
			IZMI	1016.0	1016.2	III	G,HARM	2	35	130	
			POTS	1030 U	1118 U	I	S,N	1	200U	360	
			POTS	1237 U	1409 U	I	S,N	1	200U	280	
	0830	1445	BLEN	1400.3	1401.9	III	GG	1	120	270	
	2000	2400	CULG	2001.0	2001.0	III	B	1	30	50	
			CULG	2244.0	2253.0	III	GG	3	18X	400	
			HOLL	2244.0	2315.0	IV		1	25	180	
			LEAR	2244.0	2250.0	III		1	25	180	
			LEAR	2244.0	2315.0	IV		1	25	180	
			PALE	2244.0	2250.0	III		2	25	180	
			PALE	2244.0	2315.0	IV		1	25	180	
	2132	2400	HIRA	2244.0	2253.0	III	G	3	25X	340	
			CULG	2249.0	2253.0	II	FN	3	60	130	SWF
			CULG	2249.0	2302.0	II	SH	3	45	260	FLA ESS 900
			HIRA	2249.0	2310.0	II		2	30	230	
			CULG	2258.0	2316.0	III	N	2	20	130	
			CULG	2304.0	2310.0	II	FN	2	25	60	
			CULG	2304.0	2310.0	II	SH	2	50	110	ESS 600
05	0000	0800	CULG	0003.0	0156.0	I	S	1	50	120	
			CULG	0212.0	0212.0	III	B	1	40	90	
			LEAR	0212.0	0212.0	III		1	25	180	
			LEAR	0346.0	0347.0	III		1	25	180	
			CULG	0347.0	0348.0	III	G	1	23	160	
	0000	0723	HIRA	0347.0	0348.0	III	B	1	30	130	
			CULG	0520.0	0800.0D	I	S	1	70	150	
			CULG	0553.0	0555.0	III	G	1	35	160	
			IZMI	0700.0U	0905.0U	III	N	1	45	95	
	0700	1200	IZMI	0700.0E	1200.0D	I	S	1	80	160	
			IZMI	0746.0	0748.3	III	GG	1	45	95	
			CULG	0749.0	0751.0	III	G	1	30	90	
	0819	1325	ONDR								
	0835	1440	BLEN								
			SVTO	1016.0	1017.0	III		1	29U	74U	
			IZMI	1027.8	1028.1	III	G	2	45	95	
			IZMI	1040.0	1040.5	III	G	2	25X	65	
	0811	1408	POTS	1040.0	1040.6	III	G	2	40X	60	100-200MHz no data
			IZMI	1104.8	1107.8	III	GG	2	35	190	
			POTS	1105	1115	III	GG	2	40X	320	
			SVTO	1105.0	1113.0	III		1	32U	180U	
			IZMI	1108.7	1117.5	III	GG	2	25	260	
			POTS	1227.0	1227.5	III	B	1	45	440	
			POTS	1253.9	1254.2	III	G	1	40X	70	
			HOLL	1622.0	1845.0	III	N	1	104	180	
	2000	2400	CULG								
	2133	2400	HIRA								
06			LEAR	0406.0	0407.0	III		1	25	180	
	0000	0723	HIRA	0406.5	0408.0	III	G	1	25X	130	
	0000	0800	CULG	0407.0	0409.0	III	G	2	23	100	
	0656	1200	IZMI								
	0821	1325	ONDR								
	0835	1440	BLEN								
	0812	1407	POTS	1009 U	1035 U	I	S,N	1	200U	270	100-200MHz no data
			POTS	1108.6	1109.0	I	DC	1	220	260	
			POTS	1135	1157	I	S,N	1	220	270	
			POTS	1214	1241	I	S,N	1	200U	240	
			LEAR	2226.0	2226.0	III		1	25	138	
	2000	2400	CULG	2227.0	2227.0	III	B	1	20	100	
			CULG	2339.0	2339.0	III	B	3	20	180	
			LEAR	2339.0	2339.0	III		2	25	180	
	2134	2400	HIRA	2339.0	2339.5	III	B	2	25X	210	
07	0000	0723	HIRA								
	0000	0800	CULG	0220.0	0220.0	III	B	1	57	90	
	0700	1200	IZMI								

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07	0823	1324	ONDR								
	0835	1440	BLEN								
	0813	1406	POTS	0957 U	1051 U	I	S,N	1	220	330	100-200MHz no data
			POTS	1125 U	1139 U	I	S,N	1	250	400	
	2135	2400	HIRA								
	2000	2400	CULG	2256.0	2256.0	III	B	1	60	85	
			CULG	2306.0	2306.0	III	G	1	65	90	
			PALE	2339.0	2339.0	III		1	25	180	
08			LEAR	0412.0	0413.0	III		1	28	124	
	0000	0723	HIRA	0412.5	0413.0	III	B	1	40	130	
	0000	0800	CULG	0413.0	0413.0	III	B	1	23	150	
			CULG	0425.0	0425.0	III	B	1	25	85	
			LEAR	0447.0	0448.0	III		1	25	125	
			CULG	0448.0	0448.0	III	B	1	27	90	
	0700	1200	IZMI								
	0814	1405	POTS	0814 E	1057	I	S,N,DC	1	200U	400	100-200MHz no data
	0824	1323	ONDR								
	0835	1440	BLEN								
			POTS	1051.0	1051.3	III	G	2	220	370	
			POTS	1126.8	1130.5	I	S,N	1	250	430U	
			POTS	1155	1159	I	S,N	1	250	370	
			POTS	1211	1230	I	S,N	1	270	400	
			POTS	1305	1341	I	S,N	1	270	400	
	2135	2400	HIRA								
	2000	2400	CULG	2354.0	2355.0	III	G	1	30	90	
09	0000	0723	HIRA								
	0000	0800	CULG								
	0655	1200	IZMI	0700.4	0700.5	III	B	1	45	65	
	0826	1323	ONDR								
			IZMI	0910.5	0912.0	III	G	1	40	135	
			IZMI	1003.0	1003.9	III	G	1	55	160	
			IZMI	1004.9	1005.7	III	G	1	55	165	
	0815	1405	POTS	1017.0	1017.5	III	G	2	200U	430U	100-200MHz no data
			IZMI	1138.8	1139.2	III	G	2	35	260	
			POTS	1138.8	1139.2	III	G	2	40X	300	
			POTS	1236.7	1237.1	III	G,RS	2	200U	440	
	0835	1440	BLEN	1236.7	1237.1	III	U	1	200	520	
			HOLL	1808.0	1811.0	III		1	25	82	
	2000	2400	CULG								
	2136	2400	HIRA								
10			LEAR	0513.0	0520.0	III		1	25	180	
	0000	0800	CULG	0514.0	0520.0	III	GG	1	20	170	
	0000	0723	HIRA	0514.5	0518.5	III	G	1	25X	170	
			LEAR	0644.0	0650.0	III		1	25	180	
			CULG	0646.0	0651.0	III	G	1	18	160	
			HIRA	0646.0	0649.5	III	G	1	40	300	
			CULG	0743.0	0743.0	III	B	1	27	45	
	0700	1200	IZMI	0821.8	0824.8	III	G	1	45	210	
			LEAR	0823.0	0832.0	III		1	25	180	
			SVTO	0832.0	0832.0	III		1	25U	46U	
			IZMI	0832.6	0832.7	III	B	2	45	95	
			IZMI	0931.9	0932.2	III	B	2	40	145	
			LEAR	0932.0	0932.0	III		1	25	112	
			SVTO	0932.0	0932.0	III		1	25	80	
			IZMI	0948.0	0948.9	III	G	1	180	270X	
	0815	1405	POTS	0948.0	0949.0	III	G	2	200U	390	100-200MHz no data
			POTS	0948.5	0949.8	I	DC	1	300	380	
			IZMI	1046.3	1046.4	III	G,C	2	240	270X	
			POTS	1046.3	1047.0	DCIM		2	200	410	
			IZMI	1054.3	1057.3	III	GG	2	55	160	
			POTS	1054.7	1101.7	III	G,N	2	40X	280	
			IZMI	1058.7	1101.8	III	GG	2	40	210	
			SVTO	1208.0	1209.0	III		1	25	136	
			POTS	1208.7	1209.8	III	G	2	40X	350	
	0835	1440	BLEN	1222.0	1226.6	DCIM	C	3	700	4000X	
			ONDR	1222.5	1226.5	DCIM		1	800X	2000X	

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10	0827	1322	ONDR	1222.5	1225.5	DCIM		1	2000X	4500X	
			POTS	1302.3	1305.3	I	S,N	1	200U	360	
			HOLL	1717.0	1721.0	III		1	25	180	
			SGMR	1717.0	1719.0	III		2	30	80	
			HOLL	1819.0	2144.0	CONT		1	25	180	
	2000	2400	CULG								
	2137	2400	HIRA								
11	0000	0723	HIRA								
	0000	0800	CULG								
	0828	1322	ONDR								
	0719	1200	IZMI	0838.5	0838.8	III	G	2	40	125	
	0816	1404	POTS	0843.7	0844.1	III	G	1	200U	350	100-200MHz no data
			POTS	0915.7	0917.0	III	G	2	230	400	
			IZMI	0915.8	0916.0	III	G	1	220	270X	
			POTS	0952.8	0953.4	III	G	1	200U	330	
			POTS	1007.0	1008.0	I	S	1	220	260	
			POTS	1030.7	1031.1	I	S	1	210	240	
			POTS	1041.6	1041.8	III	B	2	250	370	
			POTS	1134.0	1134.3	III	G	1	230	360	
	0835	1440	BLEN	1308.1	1310.2	III	G,RS	1	200	550	
			POTS	1308.9	1310.4	III	G	2	200U	450U	
	2138	2400	HIRA								
	2000	2400	CULG	2358.0	2358.0	III	B	1	20	140	
12			LEAR	0039.0	0122.0	III	N	1	25	180	
	0000	0800	CULG	0039.0	0120.0	III	N	1	20	180	
	0000	0723	HIRA	0040.0	0041.5	III	G	1	25X	200	
			PALE	0118.0	0119.0	III		1	25	47	
			HIRA	0118.5	0120.0	III	G	1	25X	130	
			CULG	0311.0	0311.0	III	B	1	25	80	
			LEAR	0412.0	0413.0	III		1	25	180	
			HIRA	0412.5	0413.0	III	B	1	25X	200	
			CULG	0413.0	0413.0	III	B	1	18	180	
			HIRA	0426.5	0427.0	III	B	1	25X	100	
			CULG	0427.0	0427.0	III	B	1	20	90	
			LEAR	0427.0	0427.0	III		1	25	180	
			CULG	0750.0	0752.0	III	G	1	30	130	
			LEAR	0750.0	0750.0	III		1	25	126	
	0702	1200	IZMI	0750.3	0750.5	III	G	1	45	140	
			IZMI	0802.5	0802.7	III	G	2	220	270X	
			IZMI	0804.8	0805.4	III	GG,C	2	180	270X	
	0816	1403	POTS	0826.6	0827.3	I	DC	1	210	270	100-200MHz no data
	0830	1322	ONDR								
			IZMI	0838.8	0838.8	III	B	1	125	160	
			IZMI	1006.6	1016.0	III	GG	2	25X	270X	
			LEAR	1008.0	1013.0	III		1	25	180	
			POTS	1008.4	1013.8	III	GG	3	40X	430	
			SVTO	1009.0	1013.0	III		1	29U	179U	
			POTS	1014.7	1018.6	I	S,DC	1	200U	310	
			POTS	1048.5	1048.8	III	B	2	200U	420	
			IZMI	1048.6	1048.7	III	G	2	165	270X	
			POTS	1117	1140	III	GG,N	3	40X	440	
			IZMI	1117.0	1120.2	III	G	1	45	270X	
			SVTO	1123.0	1124.0	III		2	25	180	
			IZMI	1123.1	1123.5	III	GG	2	110	270X	
			IZMI	1123.5	1124.5	III	GG,C	2	25X	270X	
			POTS	1123.8	1125.0	V	G	3	40X	80	
			IZMI	1127.0	1127.2	III	G	1	180	270X	
			POTS	1137	1234 U	I	S,N	2	200U	400	
			SVTO	1138.0	1138.0	III		1	120	180	
			IZMI	1138.6	1139.4	III	GG	2	110	270X	
			SVTO	1200.0	1409.0	CONT		1	67U	180U	
			POTS	1209.4	1213.3	III	G	2	40X	490	
			SVTO	1212.0	1213.0	III		1	49	180	
			POTS	1235.0	1242.2	III	GG	3	40X	460	
	0835	1440	BLEN	1235.0	1242.3	III	GG	2	100X	500	
			SVTO	1236.0	1239.0	III		2	25	180	
			SGMR	1318.0	1319.0	III		2	30	55	

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12			SVTO	1318.0	1319.0	III		2	25	180	
			POTS	1318.1	1319.4	III	GG	3	40X	490	
			BLEN	1318.5	1319.0	III	GG	2	100X	500	
			POTS	1318.5	1319.6	V	G	3	40X	70	
			POTS	1341.0	1341.3	III	B	1	50	85	
			POTS	1341.0	1342.0	I	S,N	1	220	360	
			SVTO	1352.0	1354.0	III		2	32	180	
			POTS	1352.3	1354.7	III	G	3	40X	470	
			BLEN	1354.0	1354.6	III	GG	2	120	600	
			POTS	1358.7	1359.1	I	S,N	1	210	340	
			HOLL	1853.0	1854.0	III		1	25	165	
			HOLL	1859.0	1900.0	III		1	25	170	
			HOLL	1942.0	1943.0	III		1	25	180	
			SGMR	1943.0	1951.0	III		2	30	80	
			HOLL	1951.0	1952.0	III		2	25	180	
			PALE	2014.0	2344.0	III	N	1	25	180	
			HOLL	2020.0	2021.0	III		1	25	146	
			HOLL	2020.0	2050.0	III	N	1	25	180	
	2000	2400	CULG	2020.0	2021.0	III	G	2	20	180	
			CULG	2028.0	2028.0	III	G	3	20	180	
			CULG	2037.0	2037.0	III	B	1	220	310	
			HOLL	2123.0	2211.0	III	N	1	25	156	
			CULG	2124.0	2126.0	III	G	1	20	180	
			CULG	2138.0	2138.0	III	G	1	23	140	
			CULG	2141.0	2143.0	III	G	1	23	100	
			CULG	2151.0	2151.0	III	B	1	27	120	
			CULG	2157.0	2157.0	III	B	1	150	350	
	2138	2400	HIRA	2157.0	2157.5	III	B	1	130	350	
			LEAR	2221.0	2225.0	III		1	25	148	
			CULG	2222.0	2226.0	III	G	2	20	150	
			HIRA	2222.0	2226.0	III	G	1	30	190	
			HOLL	2224.0	2225.0	III		1	25	159	
13	0000	0724	HIRA								
	0000	0800	CULG	0531.0	0531.0	III	B	1	40	90	
	0655	1200	IZMI								
			ONDR	1018.5	1020.4	DCIM	G	2	800X	2000X	
	0835	1440	BLEN	1019.0	1021.0	DCIM	P,S	2	420	4000X	
	0816	1402	POTS	1019.1	1020.6	DCIM		2	360	610	100-200MHz no data
	0831	1321	ONDR	1019.3	1021.1	DCIM		1	2000X	4373	
			POTS	1231.7	1232.2	DCIM		2	270	410	
			POTS	1241.7	1243.3	III	G	2	40X	380	
			POTS	1325.8	1332.5	DCIM		2	200U	800X	
			BLEN	1327.4	1335.5	DCIM	P,S	3	200	4000X	
			HOLL	1850.0	1910.0	III	N	1	25	180	
	2000	2400	CULG								
	2139	2400	HIRA								
14	0000	0724	HIRA								
	0000	0800	CULG								
	0817	1402	POTS	0902.6	0903.7	III	GG	2	40X	450	100-200MHz no data
	0835	1440	BLEN	0902.6	0903.7	III	GG	1	150	400	
			LEAR	0903.0	0903.0	III		1	25	60	
	0702	1200	IZMI	0903.0	0903.7	III	G	2	40	270X	
			POTS	1040.9	1041.7	I	DC	1	220	260	
	0832	1321	ONDR	1200.3	1201.0	DCIM	G,W	1	2488	4500X	
			ONDR	1217.3	1219.1	DCIM	G	2	800X	1123	
			POTS	1326.0	1326.5	I	DC	1	340	400	
	2000	2400	CULG								
	2140	2400	HIRA								
15	0000	0725	HIRA								
	0000	0800	CULG								
			LEAR	0707.0	0720.0	III	N	1	41	180	
	0652	1023	IZMI	0742.8	0743.4	III	G	2	220	270X	
			IZMI	0953.0	0953.4	III	G	2	40	90	
	0817	1402	POTS	0953.2	0953.4	III	B	1	40X	85	100-200MHz no data
			POTS	1006	1102 U	I	S,N	1	230	440	
			SVTO	1009.0	1010.0	III		1	53U	167U	

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15			IZMI	1020.8	1021.2	III	G	1	45	85	
			SVTO	1039.0	1039.0	III		1	51U	166U	
			POTS	1108.6	1109.0	III	G	2	200U	480	
	0835	1440	BLEN	1108.7	1109.0	III	G	1	200	500	
			ONDR	1127.3	1128.3	DCIM	G,W	1	2000X	4295	
			POTS	1130	1143	I	S,N	1	220	340	
			SVTO	1142.0	1142.0	III		1	36U	144U	
	0833	1321	ONDR	1154.1	1156.0	DCIM	GG	2	800X	1409	
			POTS	1204	1209	I	S,N	1	280	390	
			POTS	1229	1241	I	S,N	1	220	380	
			POTS	1315	1349 U	I	S,N	1	200U	350	
			POTS	1348.1	1348.3	III	B	1	40X	85	
			POTS	1352.2	1352.9	III	GG	2	200U	420	
	2000	2400	CULG	2035.0	2035.0	III	B	1	35U	50	
			CULG	2135.0	2135.0	III	B	1	75	160	
	2141	2400	HIRA								
16			LEAR	0333.0	0333.0	III		1	25	79	
	0000	0725	HIRA	0445.5	0448.0	III	G	1	40	260	
			LEAR	0446.0	0447.0	III		1	25	103	
	0000	0800	CULG	0446.0	0448.0	III	G	1	27	150	
			LEAR	0524.0	0526.0	III		1	25	180	
			CULG	0526.0	0526.0	III	B	1	30	100	
			IZMI	0822.5	0822.7	III	B	1	45	85	
	0817	1402	POTS	0845 U	1402 U	I	S,N,DC	2	200U	400	100-200MHz no data
			LEAR	0922.0	0922.0	III		1	25	180	
			SVTO	0922.0	0922.0	III		1	25U	180U	
			IZMI	0922.2	0922.4	III	G	2	35	190	
			POTS	0922.2	0922.4	III	B	2	40X	230	
	0701	1200	IZMI	0923.4	0923.6	III	B	1	55X	85	
			LEAR	0956.0	0956.0	III		1	25	144	
			SVTO	0956.0	0956.0	III		1	50U	83U	
			IZMI	0956.5	0956.6	III	G	2	45	180	
			POTS	0956.5	0956.7	III	B	1	40X	240	
			IZMI	1008.5	1008.6	III	B	1	45	85	
			IZMI	1014.0	1015.0	III	G	2	25	260	
			LEAR	1014.0	1015.0	III		1	25	141	
			SVTO	1014.0	1014.0	III		1	37U	142U	
			POTS	1014.1	1015.0	III	G	2	40X	260	
			IZMI	1023.6	1023.8	III	B	1	45	95	
			POTS	1023.6	1023.9	III	B	1	40X	85	
			ONDR	1108.5	1117.0	DCIM	G	1	800X	2000X	
	0834	1321	ONDR	1109.2	1116.3	DCIM	G	1	2000X	4500X	
	0835	1440	BLEN	1109.5	1116.5	DCIM	C,P	3	800	4000X	
			POTS	1133	1144	II	UE	2	40X	80	
			SVTO	1134.0	1139.0	II		1	48	70	ESS 0428
			SVTO	1134.0	1139.0	II		1	51	54	ESS 0428
			SVTO	1146.0	1458.0	IV		1	52	180	
			POTS	1255	1320	I	DC,N	2	50	80	
	2000	2400	CULG	2000.0E	2336.0	I	S	1	100	180	
			CULG	2032.0	2033.0	III	G	1	20	150	
	2141	2400	HIRA								
17	0000	0800	CULG	0017.0	0355.0	I	S	1	100	180	
			CULG	0130.0	0135.0	III	G	1	20	150	
	0000	0725	HIRA	0130.0	0131.5	III	G	1	30	120	
	0656	1200	IZMI	0802.6	0802.9	III	G	1	85	270	
	0817	1402	POTS	0835 U	1402 U	I	S,N,DC	2	200U	400	100-200MHz no data
	0835	1321	ONDR								
	0835	1440	BLEN								
			POTS	1349	1358	I	DC	2	65	85U	
			HOLL	1440.0	2345.0	CONT		1	74	180	
			PALE	1740.0	0335.0	CONT		1	25	180	
	2000	2400	CULG	2000.0E	2400.0D	III	S,C	2	20	180	
	2132	2400	HIRA								
			LEAR	2153.0	1046.0	CONT		1	25	180	
18	0000	0726	HIRA								
	0000	0800	CULG	0000.0E	0800.0D	III	S,C	2	20	180	

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18			IZMI	0702.0E	1200.0D	III	N	2	25U	95U	
	0702	1200	IZMI	0702.0E	1200.0D	I	S	2	60	270X	
			IZMI	0702.1	0702.3	III	B	2	40	65	
			SVTO	0708.0	1409.0	CONT		1	50	180	
	0817	1401	POTS	0817 E	1401 U	I	S,N,DC	2	200U	420	100-200MHz no data
	0836	1321	ONDR								
	0845	1440	BLEN								
			POTS	0849	0902	III	G,N	1	40X	80	
			SVTO	0849.0	0849.0	III		1	25	143	
			IZMI	0849.6	0849.9	III	B	2	40	160	
			POTS	0855	0859	I	S	2	65	85U	
			POTS	0925	0930	UNCLF		2	40X	80	
			POTS	0934.8	0942.1	III	G,N	1	40X	80	
			POTS	1004 U	1011	III	G,N	2	40X	80	
			POTS	1043	1052	III	GG,N	2	40X	80	
			POTS	1113 U	1205	III	GG,N	1	40X	70	
			IZMI	1113.9	1118.0	III	GG	1	130	270X	
			IZMI	1145.6	1147.7	III	GG	2	120	270X	
			POTS	1229	1314	III	GG,N	1	40X	75	
			POTS	1233 U	1314 U	I	S,N	2	65	85U	
			POTS	1319.2	1319.6	DCIM	RS	2	200U	520	
			HOLL	1425.0	2030.0	CONT		1	25	137	
	2000	2400	CULG	2000.0E	2251.0	III	N	1	23	90	
			CULG	2100.0	2215.0	I	S	1	75	180	
	2142	2400	HIRA								
			LEAR	2154.0	0625.0	CONT		1	75	180	
19	0000	0800	CULG	0015.0	0016.0	III	G	1	25	50	
			CULG	0053.0	0058.0	III	G	1	30	140	
			CULG	0245.0	0245.0	III	B	1	30	90	
			CULG	0313.0	0314.0	III	G	1	25	180	
			LEAR	0313.0	0630.0	III	N	1	25	180	
	0000	0726	HIRA	0313.0	0314.0	III	G	1	60	220	
			CULG	0418.0	0421.0	III	G	2	20	420	
			HIRA	0418.5	0421.0	III	G	1	30	470	
	0650	1200	IZMI	0650.0E	1200.0D	I	N	1	110	270X	
			HIRA	0651.0	0651.5	III	B	1	50	120	
			LEAR	0651.0	0651.0	III		1	25	180	
			IZMI	0651.1	0651.4	III	G	2	50	270X	
			IZMI	0656.0	0656.4	III	G	1	55	180	
	0817	1401	POTS	0817 E	1401 U	I	S,N,DC	2	200U	410	100-200MHz no data
	0836	1322	ONDR								
	0850	1440	BLEN								
			IZMI	0905.3	0907.8	III	G	1	45	85	
			IZMI	0925.3	0925.6	III	G	1	45	85	
			IZMI	0943.7	0949.1	III	G	1	45	95	
			IZMI	0955.2	0955.7	III	G	2	40	165	
			POTS	0955.3	0955.8	III	G	1	40X	85	
			IZMI	1013.2	1014.0	III	G,C	2	40	195	
			POTS	1013.2	1014.0	III	G	1	40X	75	
			POTS	1245.6	1245.9	III	B	1	40X	250	
			POTS	1345.0	1347.2	III	G	1	40X	260	
			PALE	1722.0	0258.0	CONT		1	25	180	
			HOLL	1728.0	1731.0	III		1	25	180	
			HOLL	1856.0	1901.0	III		2	25	180	
			PALE	1856.0	1857.0	III		1	25	180	
			SGMR	1856.0	1857.0	III		2	30	80	
			PALE	1901.0	1901.0	III		1	76	180	
	2000	2400	CULG	2000.0E	2146.0	I	S	1	80	280	
			CULG	2138.0	2139.0	III	G	1	57	290	
			CULG	2139.0	2148.0	II	FN	3	30U	70	
			CULG	2139.0	2151.0	II	SH	3	35	140	FLA ESS 850
			HOLL	2139.0	2156.0	IV		2	25	180	
			PALE	2140.0	2156.0	II		2	25	180	ESS 0435
			CULG	2141.0	2156.0	III	GG	3	18X	360	
			CULG	2144.0	2158.0	II	SH	3	57U	180	ESS 550
			HOLL	2144.0	2151.0	II		1	47	156	ESS 0668
			CULG	2145.0U	2155.0U	II	FN	3	30U	80	
			CULG	2146.0	2400.0D	IV	FS	1	20U	300	

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19			LEAR	2154.0	0700.0	IV		1	36	180	
			CULG	2200.0	2209.0	II	UE	1	35	60	
			LEAR	2353.0	2355.0	III		1	25	180	
			CULG	2355.0	2355.0	III	B	3	20	200	
			CULG	2357.0	2400.0	II	FN	1	50	90	
			CULG	2357.0	2400.0D	II	SH	1	100	180	FLA ESS 550
20			CULG	0000.0E	0313.0	IV	FS	1	20	300	
	0000	0800	CULG	0000.0E	0002.0	II	SH	1	90	140	FLA ESS 550
			CULG	0019.0	0020.0	III	G	2	20	130	
			LEAR	0019.0	0020.0	III		1	25	115	
			LEAR	0133.0	0948.0	III	N	1	25	180	
			CULG	0134.0	0153.0	III	G	3	18	550	
			CULG	0500.0	0741.0	I	S	1	120	230	
			LEAR	0535.0	0541.0	III		1	25	180	
	0530	0727	HIRA	0535.0	0541.5	III	G	2	40	300	
			CULG	0536.0	0542.0	III	GG	3	18	300	
			CULG	0545.0	0545.0	III	B	1	20	180	
			CULG	0549.0	0549.0	III	B	1	20	180	
	0655	1200	IZMI	0655.0	1200.0D	I	S	2	110	270X	
			IZMI	0738.1	0738.2	III	B	1	45	85	
			IZMI	0749.6	0749.8	III	B	1	50	85	
			CULG	0759.0	0759.0	III	B	1	20	60	
			IZMI	0804.7	0804.9	III	B	2	60	100	
	0818	1401	POTS	0818 E	1401 U	I	S,N,DC	2	200U	400	100-200MHz no data
			IZMI	0819.4	0822.1	III	GG	2	40	180	
			SVTO	0821.0	0830.0	III		2	25	180	
			IZMI	0822.7	0832.3	III	GG,C	2	25X	270X	
			POTS	0823	0844	III	GG,N	2	40X	520U	
			LEAR	0823.0	0832.0	III		2	25	180	
			IZMI	0833.0	0845.0U	III	N	1	45	95	
	0850	1440	BLEN	0834.2X	0841.8	III	GG	3	200	540	
			IZMI	0840.7	0843.4	III	GG	2	40	160	
			IZMI	0901.2	0903.1	III	GG	2	40	95	
			ONDR	0908.3	0910.0	DCIM	GG,SP	2	800X	2000X	
	0837	1322	ONDR	0908.5	0909.5	DCIM	G	1	2000X	4500X	
			POTS	1027.8	1028.0	DCIM		2	400U	660	
			ONDR	1046.0	1048.1	DCIM	GG,SP	2	800X	2000X	
			BLEN	1046.1	1048.7	DCIM	S	3	500	2800	
			ONDR	1046.1	1048.2	DCIM	G,SP	2	2000X	4500X	
			ONDR	1125.4	1128.0	DCIM	GG,SP	2	800X	2000X	
			ONDR	1125.5	1128.1	DCIM	G,SP	2	2000X	4500X	
			BLEN	1125.7	1128.6	DCIM	S	3	500	4000X	
			SVTO	1130.0	1131.0	III		1	25U	79U	
			POTS	1159.3	1159.5	DCIM		2	420	470	
			POTS	1210.8	1211.0	DCIM		2	400	530	
			POTS	1222.1	1222.3	DCIM		2	330	800X	
			ONDR	1222.5	1223.2	DCIM	G,SP	2	2000X	4500X	
			ONDR	1222.5	1223.2	DCIM	GG,SP	2	800X	2000X	
			BLEN	1223.0	1223.4	DCIM	S	3	400	4000X	
			ONDR	1243.3	1250.1	DCIM	G	1	2000X	4500X	
			POTS	1311.5	1311.9	III	B	2	40X	85U	
			SVTO	1312.0	1318.0	III		2	37	180	
			ONDR	1314.5	1322.3X	DCIM	G,SP	3	2000X	4500X	
			POTS	1314.7	1319.7	III	GG,RS	3	200U	800X	
			ONDR	1315.0	1322.3X	DCIM	GG,SP	3	800X	2000X	
			BLEN	1315.2	1332.5	DCIM	S	3	150	4000X	
			SVTO	1318.0	1327.0	II		1	37	170	ESS 0868
			POTS	1320.5	1328.5	II	F,H	3	40X	370	
			POTS	1334.6	1334.9	III	G	1	40X	85	
			BLEN	1419.2	1419.8	DCIM	S	3	150	4000X	
			HOLL	1726.0	1728.0	III		1	25	167	
			HOLL	1806.0	1925.0	III	N	1	25	177	
	2000	2400	CULG	2018.0	2028.0	III	GG	3	18	180	
			HOLL	2019.0	2120.0	III	N	1	25	173	
			PALE	2019.0	2027.0	III		1	25	180	
			CULG	2034.0	2050.0	I	S	1	60	90	
	2143	2400	HIRA								
			CULG	2344.0	2350.0	III	G	1	60	260	

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OBSERVATION Day	Start (UT)	End (UT)	Sta	EVENT Start (UT)	End (UT)	Spectral Class	Event Remarks	Int (1-3)	FREQUENCY Lower (MHz)	Upper (MHz)	Remarks
21	0000	0727	HIRA								
	0000	0800	CULG	0321.0	0321.0	III	B	1	110	700	
			CULG	0529.0	0529.0	III	B	1	23	410	
	0818	1401	POTS	0832 U	1401 U	I	S,N,DC	1	200U	400	100-200MHz no data
	0837	1322	ONDR								
	0706	1200	IZMI	0842.0	0842.1	III	B	1	45	65	
	0850	1440	BLEN								
			IZMI	0954.1	0954.2	III	B,HARM	2	120	270X	
			POTS	0955.0	0955.1	III	B	2	200U	520	
			IZMI	1037.0	1200.0D	I	S	1	160	270X	
			POTS	1143.5	1144.2	III	G	1	40X	75	
			IZMI	1144.7	1145.4	III	G	2	40	165	
			POTS	1234.2	1234.7	DCIM		2	330	440	
			POTS	1240.5	1240.9	III	B	2	45	230	
			POTS	1300.8	1301.0	III	B	1	40X	85	
			POTS	1334	1347	III	G	1	50	85U	
	2000	2400	CULG	2055.0	2055.0	III	G	1	50	500	
			CULG	2135.0	2135.0	III	B	1	25	90	
	2144	2400	HIRA								
			CULG	2246.0	2246.0	III	G	1	150	280	
			CULG	2254.0	2254.0	III	B	1	20	100	
			CULG	2300.0	2300.0	III	B	1	60	150	
			CULG	2324.0	2325.0	III	G	1	20	180	
			LEAR	2324.0	1048.0	III	N	1	25	180	
			CULG	2342.0	2344.0	III	G	1	20	260	
22	0000	0800	CULG	0036.0	0036.0	III	B	1	60	120	
			CULG	0128.0	0129.0	III	G	2	60	200	
			PALE	0128.0	0128.0	III		1	70	180	
	0000	0728	HIRA	0128.5	0129.0	III	B	2	50	200	
			CULG	0149.0	0151.0	III	G	1	20	240	
			HIRA	0150.0	0151.0	III	G	1	50	230	
			CULG	0225.0	0303.0	III	N	1	20	250	
			CULG	0232.0	0243.0	III	G	1	70	1400	
			LEAR	0239.0	0305.0	II		1	25	122	ESS 0395
			CULG	0243.0	0257.0	II	FN	2	20	50	
			CULG	0243.0	0257.0U	II	SH	2	40	100	ESS 450
			CULG	0248.0	0252.0	II	FN	3	20	60	
			CULG	0248.0	0255.0U	II	SH	3	30	120	ESS 1300
			HIRA	0248.0	0252.0	II		2	30	50	
			HIRA	0248.0	0252.0	II		2	50	120	
			PALE	0248.0	0252.0	II		1	30	180	ESS 0833
			PALE	0248.0	0253.0	III		1	25	180	
			CULG	0252.0	0252.0	III	G	2	18	180	
			HIRA	0252.0	0253.0	III	B	2	40	190	
			CULG	0254.0	0305.0U	II	FN	1	20	45	
			CULG	0254.0	0311.0	II	SH	2	30	90	ESS 600
			CULG	0259.0	0343.0	IV		2	60U	1600	
			LEAR	0305.0	0346.0	IV		1	59	180	
			HIRA	0308.0	0344.0	IV		1	90	370	
			PALE	0310.0	0311.0	III		1	66	180	
			CULG	0311.0	0311.0	III	G	2	40	180	
			HIRA	0311.0	0311.5	III	B	2	50	200	
			CULG	0313.0	0313.0	III	G	2	18X	80	
			CULG	0436.0	0449.0	III	N	1	27	140	
	0651	1200	IZMI	0651.0E	0718.0U	I	N	1	200	270X	
			IZMI	0707.3	0708.5	III	G	1	60	150	
			IZMI	0725.0	0930.0U	III	N	1	45	95	
			IZMI	0801.5	0809.7	III	GG	1	45	90	
	0818	1401	POTS	0818 E	0852 U	I	S,N	1	200U	330	100-200MHz no data
	0838	1323	ONDR								
	0850	1440	BLEN								
			POTS	0936 U	1112 U	I	S,N	1	200U	390	
			SVTO	1028.0	1029.0	III		2	61	133	
			IZMI	1028.5	1029.1	III	G,FS	2	45	210	
			POTS	1028.6	1029.2	III	G	1	40X	230	
			POTS	1138 U	1220	I	S,N,DC	1	200U	410	
			SVTO	1229.0	1230.0	III		1	25	125	
			POTS	1229.5	1231.5	III	G	1	40X	390	

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22			POTS	1314.3	1314.7	DCIM		1	230	440	
			POTS	1314.4	1314.6	III	B	1	40X	85U	
			SVTO	1359.0	1406.0	III		1	25	180	
			HOLL	1544.0	1545.0	III		1	25	180	
			SGMR	1544.0	1544.0	III		1	30	80	
	2000	2400	CULG	2005.0	2005.0	III	B	1	20	50	
	2145	2400	HIRA								
23	0000	0728	HIRA								
			LEAR	0016.0	0017.0	III		1	25	98	
	0000	0800	CULG	0016.0	0018.0	III	G	2	18	100	
			LEAR	0039.0	0039.0	III		1	25	81	
			LEAR	0302.0	0303.0	III		1	34	101	
			CULG	0303.0	0303.0	III	B	1	23	75	
	0818	1401	POTS	0832	0846	III	G,N	1	40X	260	100-200MHz no data
	0839	1323	ONDR								
			POTS	0841	0859 U	I	S,N	1	230	420	
	0650	1200	IZMI	0844.1	0844.4	III	G	2	40	150	
	0850	1440	BLEN								
			POTS	0926 U	1031	I	S,N	1	240	370	
			IZMI	0946.2	0946.4	III	B	2	45	85	
			POTS	1000.0	1000.2	III	B	1	40X	85U	
			SVTO	1129.0	1130.0	III		1	51	180	
			POTS	1129.4	1130.7	III	G	2	40X	380	
			IZMI	1129.6	1129.8	III	G	2	45	175	
			IZMI	1130.4	1130.6	III	G	2	45	270X	
			POTS	1242	1340	I	S,N	1	200U	360	
			HOLL	1522.0	1525.0	III		1	25	180	
			SGMR	1522.0	1526.0	V		3	30	80	
			HOLL	1610.0	1612.0	III		1	25	155	
			PALE	1813.0	1947.0	CONT		1	25	178	
			HOLL	1905.0	1906.0	III		1	25	130	
	2000	2400	CULG	2106.0	2144.0	III	N	1	18	180	
			HOLL	2136.0	2143.0	III		1	25	154	
			PALE	2136.0	2143.0	III		1	25	90	
			CULG	2354.0	2354.0	III	B	1	18	180	
			LEAR	2354.0	2354.0	III		1	25	180	
	2145	2400	HIRA	2354.0	2354.5	III	B	2	30	180	
24	0000	0150	HIRA								
			LEAR	0124.0	0125.0	III		1	25	92	
	0000	0800	CULG	0125.0	0125.0	III	G	1	27U	90	
	0534	0728	HIRA								
	0701	1200	IZMI	0701.0E	0921.0U	I	N	1	180U	270X	
	0817	1401	POTS	0817 E	0922	I	S,N	1	200U	370	100-200MHz no data
	0839	1324	ONDR								
	0850	1440	BLEN								
			POTS	1108	1130	I	S,N	1	300	430	
			POTS	1118.0	1118.2	III	G	1	40X	75	
			POTS	1149.8	1150.0	III	G	1	40X	85	
	2000	2400	CULG	2026.0	2026.0	III	B	1	57U	90	
			CULG	2136.0	2400.0D	III	S	1	57U	160	
			HOLL	2152.0	2156.0	III		1	25	140	
	2145	2400	HIRA	2152.5	2155.5	III	G	1	70	130	
			LEAR	2157.0	0401.0	III	N	1	25	180	
25	0000	0729	HIRA								
	0000	0800	CULG	0000.0E	0046.0	III	S	1	57U	140	
	0701	1200	IZMI	0706.6	0706.9	I	GG	1	250	270X	
			IZMI	0746.5	0746.7	III	B	1	45	85	
	0817	1401	POTS	0836	0858	I	S,N	1	230	330	100-200MHz no data
	0839	1325	ONDR								
	0850	1440	BLEN								
			POTS	1114	1123	I	S,N	1	220	280	
			POTS	1132.6	1134.2	DCIM		2	200U	600	
			POTS	1256.6	1257.9	DCIM		1	270	450	
			HOLL	1458.0	1500.0	III		1	25	180	
	2000	2400	CULG	2024.0	2027.0	III	G	1	23	150	
	2145	2400	HIRA								

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26	0000	0729	HIRA								
	0000	0800	CULG								
	0701	1200	IZMI								
	0839	1326	ONDR								
	0850	1440	BLEN								
	0817	1402	POTS	1233	1239	III	GG	1	40X	80	100-200MHz no data
	2000	2400	CULG								
	2146	2400	HIRA								
27	0000	0730	HIRA								
	0000	0800	CULG	0540.0	0541.0	III	G	1	27U	160	
			CULG	0608.0	0609.0	III	G	1	30	160	
	0650	1200	IZMI								
	0817	1402	POTS								
	0840	1326	ONDR								
	0850	1440	BLEN								
	2146	2400	HIRA								
	2000	2400	CULG	2206.0	2207.0	III	G	1	50U	100	
			CULG	2250.0	2306.0	III	G	1	57U	150	
28	0000	0730	HIRA								
	0000	0800	CULG	0200.0	0206.0	III	G	1	27	90	
	0840	1327	ONDR								
	0850	1440	BLEN								
	0700	1200	IZMI	0938.5	0939.1	III	GG	1	110	250	
	0817	1402	POTS	0938.6	0939.1	III	G	1	200U	340	100-200MHz no data
			IZMI	0956.4	0958.0	III	G	1	45	65	
			IZMI	1013.7	1014.0	III	G	1	45	85	
			POTS	1224.9	1226.0	III	G	1	40X	85	
			POTS	1229.9	1231.2	III	G	2	40X	280	
			POTS	1343.3	1343.8	III	G	1	40X	85	
			HOLL	1741.0	1742.0	III		1	54	121	
	2000	2400	CULG								
	2147	2400	HIRA								
			HOLL	2334.0	2336.0	III		1	25	180	
29			PALE	0057.0	0058.0	III		1	25	180	
			LEAR	0328.0	0329.0	III		1	27	36	
	0000	0800	CULG	0329.0	0329.0	III	G	1	25U	35	
			LEAR	0336.0	0336.0	III		1	29	94	
	0000	0731	HIRA	0336.5	0337.0	III	B	1	30	130	
			CULG	0337.0	0337.0	III	G	1	50U	160	
			CULG	0558.0	0602.0	III	G	1	35	170	
			CULG	0649.0	0651.0	III	G	2	23	180	
	0700	1200	IZMI	0709.2	0709.4	III	G	1	45	170	
			LEAR	0728.0	0729.0	III		1	25	180	
			SVTO	0728.0	0729.0	III		1	25	180	
			IZMI	0728.5	0728.7	III	G	2	45	175	
			IZMI	0728.8	0729.0	III	G	2	35	175	
			CULG	0729.0	0729.0	III	G	2	23	180	
	0839	1329	ONDR								
	0850	1440	BLEN								
			IZMI	0925.3	0925.7	III	G	1	40	85	
	0816	1403	POTS	0925.4	0925.7	III	B	1	40X	75	100-200MHz no data
			IZMI	0931.3	0931.5	III	G	1	45	65	
			POTS	1145.7	1146.0	III	G	1	200U	250	
			POTS	1257.7	1257.9	III	G	1	40X	60	
	2000	2400	CULG								
	2147	2400	HIRA								
30			LEAR	0124.0	0205.0	III	N	1	25	120	
	0000	0800	CULG	0125.0	0206.0	III	N	1	25	120	
			CULG	0352.0	0354.0	III	G	2	18	140	
			LEAR	0352.0	0353.0	III		1	25	118	
	0000	0732	HIRA	0352.0	0353.5	III	G	1	25X	110	
	0700	1200	IZMI								
	0839	1330	ONDR								
	0850	1440	BLEN								
	0816	1403	POTS	0938.0	0938.4	III	B	1	40X	80	100-200MHz no data

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30	2147	2400	HIRA								
	2000	2400	CULG	2359.0	2359.0	III	B	1	90	180	
31			LEAR	0641.0	0642.0	III		1	25	143	
	0000	0732	HIRA	0641.5	0642.0	III	B	1	40	110	
	0000	0800	CULG	0642.0	0642.0	III	G	1	20	150	
	0650	1200	IZMI	0653.9	0654.0	III	B	1	140	240	
			CULG	0749.0	0749.0	III	B	1	25	45	
	0815	1404	POTS								
	0839	1331	ONDR								
	0850	1440	BLEN								
	2000	2400	CULG								
	2148	2400	HIRA								

Event Remarks:
- B = Single burst
- C = Underlyling continuum (particularly with Type I)
- DC = Drifting chains
- DP = Drifting pairs
- F = Fundamental emission (Type II)
- FS = Fine structures (Type IV)
- G = Small group of bursts (<10)
- GG = Large group of bursts (>10)
- H = Herringbone
- HARM = Harmonic
- N = Intermittent activity in this period
- MOV = Moving (Type IV)
- MWB = Meter wave burst
- RS = Reverse slope burst
- S = Storm in the sense of intermittent but apparently connected actively
- SH = Secondary harmonic emission
- STA = Stationary (Type IV)
- U = U-shaped burst of Type III
- UE = Uncertain emission (Type II)
- W = Weak

Frequency qualifiers:
- X = Extends beyond instrument range
- U = Uncertain frequency

Remarks:
- SWF = Associated short wave fade observed
- ESS = Estimated shock speed in km/s (Type II)
- FLA = Associated flare observed (class optional)

Stations Reporting:
- CULG = Culgoora
- IZMI = Izmiran
- LEAR = Learmonth
- ONDR = Ondrejov
- PALE = Palehua
- POTS = Potsdam
- SGMR = Sagamore Hill
- SVTO = San Vito
- BLEN = Bleien

NOTE: Beginning June 26, 2001, the Bleien observatory changed to higher frequencies (1-4Ghz).