

IASI reduced products: from 366 to 500 channels

(New 134 channels are given in red)

Channel No.	Wavenumber (cm⁻¹)	Application	Order chosen
16	648.75	Main	63
38	654.25	Main	179
49	657.00	Main	153
51	657.50	Main	167
55	658.50	Main	165
57	659.00	Main	121
59	659.50	Main	180
61	660.00	Main	134
63	660.50	Main	130
66	661.25	Main	156
70	662.25	Main	160
72	662.75	Temp	15
74	663.25	Main	122
79	664.50	Main	149
81	665.00	Main	97
83	665.50	Main	144
85	666.00	Main	78
87	666.50	Temp	18
89	667.00	Temp	11
92	667.75	Temp	2
95	668.50	Temp	5
97	669.00	Temp	7
99	669.50	Temp	10
101	670.00	Main	73
104	670.75	Main	58
106	671.25	Main	100
109	672.00	Main	70
111	672.50	Main	90
113	673.00	Main	68
116	673.75	Main	50
119	674.50	Main	39
122	675.25	Main	29
125	676.00	Temp	24

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
128	676.75	Main	35
131	677.50	Main	45
133	678.00	Main	128
135	678.50	Temp	27
138	679.25	Temp	30
141	680.00	Temp	16
144	680.75	Main	31
146	681.25	Main	113
148	681.75	Temp	21
151	682.50	Main	55
154	683.25	Temp	13
157	684.00	Main	87
159	684.50	Main	103
161	685.00	Main	43
163	685.50	Main	105
165	686.00	Temp	
167	686.50	Temp	23
170	687.25	Main	116
173	688.00	Main	32
176	688.75	Main	175
178	689.25	Temp	
179	689.50	Temp	
180	689.75	Main	56
183	690.50	Temp	
185	691.00	Main	83
187	691.50	Main	65
189	692.00	Temp	
191	692.50	Temp	
193	693.00	Main	37
195	693.50	Temp	
197	694.00	Temp	
199	694.50	Temp	22
201	695.00	Temp	
203	695.50	Temp	
205	696.00	Temp	28
207	696.50	Main	98

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
210	697.25	Main	177
212	697.75	Main	42
214	698.25	Main	161
217	699.00	Main	115
219	699.50	Main	49
222	700.25	Main	141
224	700.75	Main	95
226	701.25	Main	61
228	701.75	Temp	
230	702.25	Main	76
232	702.75	Main	91
234	703.25	Temp	
236	703.75	Main	106
239	704.50	Main	69
241	705.00	Temp	
242	705.25	Temp	
243	705.50	Temp	17
246	706.25	Main	84
249	707.00	Temp	25
252	707.75	Temp	29
254	708.25	Temp	43
256	708.75	Temp	
258	709.25	Temp	
260	709.75	Temp	45
262	710.25	Temp	35
265	711.00	Temp	32
267	711.50	Temp	40
269	712.00	Temp	47
271	712.50	Temp	
272	712.75	Temp	
273	713.00	Temp	
275	713.50	Temp	14
278	714.25	Temp	
280	714.75	Temp	
282	715.25	Temp	49
284	715.75	Temp	

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
286	716.25	Temp	
288	716.75	Temp	
290	717.25	Temp	
292	717.75	Temp	
294	718.25	Temp	42
296	718.75	Temp	36
299	719.50	Main	152
301	720.00	Temp	
303	720.50	Temp	20
306	721.25	Temp	39
308	721.75	Temp	
310	722.25	Temp	
312	722.75	Temp	
314	723.25	Temp	
316	723.75	Temp	
318	724.25	Temp	
320	724.75	Temp	
323	725.50	Temp	64
325	726.00	Temp	
327	726.50	Temp	53
329	727.00	Temp	61
331	727.50	Temp	
333	728.00	Temp	
335	728.50	Temp	57
337	729.00	Temp	
339	729.50	Temp	
341	730.00	Temp	
343	730.50	Temp	
345	731.00	Temp	3
347	731.50	Temp	50
350	732.25	Temp	38
352	732.75	Temp	
354	733.25	Temp	55
356	733.75	Temp	44
358	734.25	Temp	
360	734.75	Temp	58

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
362	735.25	Temp	
364	735.75	Temp	
366	736.25	Temp	59
369	737.00	Temp	
371	737.50	Temp	63
373	738.00	Temp	54
375	738.50	Temp	41
377	739.00	Temp	60
379	739.50	Temp	52
381	740.00	Temp	26
383	740.50	Temp	34
386	741.25	Temp	33
389	742.00	Temp	37
398	744.25	Temp	8
401	745.00	Temp	12
404	745.75	Temp	62
407	746.50	Temp	65
410	747.25	Temp	48
414	748.25	Temp	46
416	748.75	Temp	19
426	751.25	Temp	66
428	751.75	Temp	9
432	752.75	Temp	51
434	753.25	Temp	4
439	754.50	Temp	6
445	756.00	Temp	56
457	759.00	Temp	31
515	773.50	Main	109
546	781.25	Main	12
552	782.75	Main	26
559	784.50	Main	119
566	786.25	Main	86
571	787.50	Main	54
573	788.00	Main	137
638	804.25		
641	805		

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
643	805.5		
646	806.25	Extra window channel	
649	807		
657	809		
662	810.25	Main	183
666	811.25		
668	811.75	Main	159
670	812.25		
673	813		
686	816.25		
742	830.25		
745	831		
748	831.75		
750	832.25		
752	832.75		
754	833.25		
756	833.75	Extra window channel	
759	834.5		
767	836.5		
769	837		
818	849.25		
820	849.75		
829	852		
834	853.25		
838	854.25		
840	854.75		
867	861.50	Extra window channel	
882	865.25		
906	871.25	Extra window channel	
921	875.00	Extra window channel	
935	878.5		
994	893.25		
996	893.75		
998	894.25		
1000	894.75		
1002	895.25		

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
1009	897		
1016	898.75		
1018	899.25		
1020	899.75		
1027	901.50	Extra window channel	
1044	905.75		
1046	906.25	Extra window channel	
1052	907.75		
1056	908.75		
1058	909.25		
1064	910.75		
1079	914.5		
1090	917.25	Extra window channel	
1105	921		
1110	922.25		
1119	924.5		
1121	925.00	Extra window channel	
1130	927.25		
1133	928.00	Extra window channel	
1137	929		
1140	929.75		
1142	930.25		
1144	930.75		
1147	931.5		
1149	932		
1151	932.5		
1156	933.75		
1158	934.25		
1191	942.50	Extra window channel	
1194	943.25	Extra window channel	
1213	948		
1271	962.50	Extra window channel	
1300	969.75		
1352	982.75		
1361	985		
1369	987		

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
1374	988.25		
1385	991		
1479	1014.50	Ozone	5
1509	1022.00	Ozone	4
1513	1023.00	Ozone	2
1521	1025.00	Ozone	1
1536	1028.75	Ozone	11
1574	1038.25	Ozone	15
1578	1039.25	Ozone	
1579	1039.50	Ozone	10
1585	1041.00	Ozone	13
1587	1041.50	Ozone	6
1626	1051.25	Ozone	3
1639	1054.50	Ozone	7
1643	1055.50	Ozone	8
1652	1057.75	Ozone	12
1658	1059.25	Ozone	14
1671	1062.50	Ozone	9
1752	1082.75		
1757	1084		
1779	1089.5		
1786	1091.25	Extra window channel	
1792	1092.75		
1805	1096.00	Extra window channel	
1814	1098.25		
1884	1115.75	Extra window channel	
1946	1131.25	Extra window channel	
1991	1142.50	Extra window channel	
2019	1149.50	Extra window channel	
2094	1168.25	Extra window channel	
2119	1174.50	Main	154
2123	1175.5		
2213	1198.00	Main	88
2239	1204.50	Temp	1
2245	1206.00	Temp	
2271	1212.50	Main	129

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
2289	1217		
2321	1225.00	Main	57
2398	1244.25	Main	72
2701	1320.00	Main	126
2741	1330.00	Main	145
2745	1331.00		
2819	1349.50	Main	140
2889	1367.00	Main	8
2907	1371.50	Main	33
2910	1372.25	Main	114
2919	1374.50	Main	157
2939	1379.50	Main	47
2944	1380.75	Main	53
2948	1381.75	Main	176
2951	1382.50	Main	108
2958	1384.25	Main	17
2977	1389.00	Main	107
2985	1391.00	Main	136
2988	1391.75	Main	150
2991	1392.50	Main	23
2993	1393.00	Main	11
3002	1395.25	Main	6
3008	1396.75	Main	123
3014	1398.25	Main	60
3027	1401.50	Main	77
3029	1402.00	Main	52
3036	1403.75	Main	59
3047	1406.50	Main	184
3049	1407.00	Main	3
3053	1408.00	Main	135
3058	1409.25	Main	93
3064	1410.75	Main	117
3069	1412.00	Main	71
3087	1416.50	Main	185
3093	1418.00	Main	14
3098	1419.25	Main	13

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
3105	1421.00	Main	2
3107	1421.50	Main	46
3110	1422.25	Main	18
3127	1426.50	Main	170
3136	1428.75	Main	169
3151	1432.50	Main	94
3160	1434.75	Main	27
3165	1436.00	Main	38
3168	1436.75	Main	44
3175	1438.50	Main	81
3178	1439.25	Main	146
3207	1446.50	Main	111
3228	1451.75	Main	162
3244	1455.75	Main	1
3248	1456.75	Main	22
3252	1457.75	Main	7
3256	1458.75	Main	85
3263	1460.50	Main	104
3281	1465.00	Main	110
3303	1470.50	Main	125
3309	1472.00	Main	143
3312	1472.75	Main	15
3322	1475.25	Main	41
3339	1479.50		
3375	1488.50	Main	92
3378	1489.25	Main	181
3411	1497.50	Main	21
3438	1504.25	Main	132
3440	1504.75	Main	147
3442	1505.25	Main	151
3444	1505.75	Main	89
3446	1506.25	Main	4
3448	1506.75	Main	19
3450	1507.25	Main	82
3452	1507.75	Main	20
3454	1508.25	Main	164

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
3458	1509.25	Main	102
3467	1511.50	Main	178
3476	1513.75	Main	139
3484	1515.75	Main	62
3491	1517.50	Main	168
3497	1519.00	Main	79
3499	1519.50	Main	173
3504	1520.75	Main	101
3506	1521.25	Main	186
3509	1522.00	Main	34
3518	1524.25	Main	155
3522	1525.25		
3527	1526.50	Main	112
3540	1529.75		
3555	1533.50	Main	127
3575	1538.50	Main	30
3577	1539.00	Main	131
3580	1539.75	Main	9
3582	1540.25	Main	120
3586	1541.25	Main	66
3589	1542.00	Main	163
3599	1544.50	Main	124
3645	1556.00		
3653	1558.00	Main	36
3658	1559.25	Main	51
3661	1560.00	Main	64
3943	1630.50		
4032	1652.75	Main	174
5130	1927.25		
5165	1936		
5234	1953.25		
5259	1959.5		
5273	1963		
5275	1963.5		
5303	1970.5		
5308	1971.75		

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
5310	1972.25		
5315	1973.5		
5317	1974		
5319	1974.5		
5321	1975		
5330	1977.25		
5333	1978		
5335	1978.5		
5338	1979.25		
5340	1979.75		
5342	1980.25		
5346	1981.25		
5348	1981.75		
5351	1982.5		
5354	1983.25		
5356	1983.75		
5359	1984.5		
5362	1985.25		
5365	1986		
5368	1986.75	Main	138
5371	1987.50	Main	148
5379	1989.50	Main	24
5381	1990.00	Main	5
5383	1990.50	Main	40
5397	1994.00	Main	96
5399	1994.50	Main	16
5401	1995.00	Main	28
5403	1995.50	Main	48
5405	1996.00	Main	118
5426	2001.25		
5428	2001.75		
5430	2002.25		
5432	2002.75		
5434	2003.25		
5437	2004		
5439	2004.5		

Channel No.	Wavenumber (cm⁻¹)	Application	Order chosen
5441	2005		
5446	2006.25		
5449	2007		
5455	2008.50	Main	171
5464	2010.75		
5466	2011.25		
5468	2011.75		
5471	2012.5		
5473	2013		
5476	2013.75		
5480	2014.75	Main	10
5483	2015.50	Main	67
5485	2016.00	Main	172
5492	2017.75	Main	80
5502	2020.25	Main	99
5507	2021.50	Main	158
5509	2022.00	Main	75
5517	2024.00	Main	133
5522	2025.25		
5524	2025.75		
5532	2027.75		
5535	2028.5		
5537	2029		
5539	2029.5		
5541	2030		
5543	2030.5		
5545	2031		
5547	2031.5		
5549	2032		
5551	2032.5		
5553	2033		
5558	2034.25	Main	182
5560	2034.75		
5565	2036		
5567	2036.5		
5614	2048.25		

Channel No.	Wavenumber (cm ⁻¹)	Application	Order chosen
5621	2050		
5626	2051.25		
5700	2069.75		
5706	2071.25		
5752	2082.75		
5874	2113.25		
5972	2137.75		
5988	2141.75	Main	142
5992	2142.75	Main	74
5994	2143.25	Main	25
6003	2145.50	Main	166
6350	2232.25		
6458	2259.25		
6463	2260.50		
6601	2295.00		
6962	2385.25		
6978	2389.25		
6980	2389.75		
6982	2390.25	Solar	13
6985	2391.00	Solar	11
6987	2391.50	Solar	9
6989	2392.00	Solar	7
6991	2392.50	Solar	5
6993	2393.00	Solar	8
6995	2393.50	Solar	4
6997	2394.00	Solar	12
7001	2395.00		
7267	2461.50	Solar	3
7269	2462.00	Solar	1
7389	2492.00		
7424	2500.75	Solar	2
7426	2501.25	Solar	6
7428	2501.75	Solar	10
7885	2616.00	Extra window channel	
8007	2646.50	Extra window channel	