

Date and time (UTC)	Station	$\dot{\Omega}_z$ [ $\mu\text{rad/s}$ ]	$\dot{\Omega}_{hor}$ [ $\mu\text{rad/s}$ ]	$\Delta$ [km]	Depth [km]	$f_M$ [Hz]	$M_L$	Prot.	App.
12.01.2012 08:54:18	NKC	9.2	23	0.67	9.2	37	2.0	6DOF I	E
09.05.2010 13:44:37	NKC	1.9	–	1.4	7.6	30	0.3	3DOF	B
21.02.2012 16:20:26	SER	3.5	9.0	1.8	11.8	21(7)	1.6	6DOF II	–
15.12.2011 13:57:18	LBC	12	54	2.6	8.0	33	2.3	6DOF I	–
15.10.2008 16:00:04	KVC	150	–	4.4	8.6	20	2.2	3DOF	A
25.04.2012 10:34:12	SER	400	700	5.0	11.0	11(20)	4.3	6DOF II	D
25.04.2012 10:45:22	SER	23	22	5.8	11.1	5(7)	2.4	6DOF II	E
22.02.2012 20:10:03	SER	4.0	8.1	9.2	8.5	13	1.9	6DOF II	–
21.02.2012 20:15:45	SER	7.1	8.0	9.5	8.0	19(5)	1.9	6DOF II	–
17.05.2010 18:42:57	NKC	1.6	–	11.1	10.5	24	0.9	3DOF	B
11.05.2010 15:11:18	NKC	0.5	–	11.1	10.5	24	0.5	3DOF	B
11.05.2010 13:41:54	NKC	0.3	–	11.1	10.5	24	0.3	3DOF	B
17.10.2013 15:44:53	ESK	0.06	0.1	14.8	0.1	5	1.8	6DOF II	–
22.03.2014 17:05:02	ESK	3.6	1.9	14.9	4.8	7.5	2.3	6DOF II	E
11.07.2011 07:22:47	PROV	0.2	0.6	18.9	2.0	3	1.6	6DOF I	–
21.03.2012 05:50:47	SER	15	50	37.2	18.0	4	3.8	6DOF II	–
22.02.2012 02:23:13	SER	19	39	112.0	15.0	3.5	3.8	6DOF II	–
13.10.2013 07:32:16	ESK	2.7	2.4	163.2	4.9	2	4.7	6DOF II	–
18.03.2011 16:33:53	PRU	0.2	3.2	197.0	0.0*	5	3.2	6DOF I	–
30.08.2010 16:33:53	NKC	0.4	–	290.0	0.0*	4.5	3.7	3DOF	–

\*) Rockbursts in the Lubin copper mine, Poland; depth is set to zero.

Table 3: Examples of the z-axis ( $\Omega_z$ ) and horizontal axis ( $\Omega_{hor}$ ) rotation rate peak amplitudes from micro-earthquakes measured by the Rotaphones indicated in the column Prot. Prot. is the abbreviation for Prototype, App. for Appendix.  $\Delta$  denotes epicentral distance,  $M_L$  is local magnitude, and  $f_M$  is the prevailing frequency of  $\Omega_z$  (the second most important spectral peak in parenthesis). Station abbreviations: NKC = Nový Kostel (WEBNET network, West Bohemia), LBC = Luby (WEBNET network, West Bohemia), KVC = Květná (WEBNET network, West Bohemia), PRU = Průhonice (Czech Regional Seismic Network, Central Bohemia), PROV = Provardia (Provardia local seismic network, East Bulgaria), SER = Sergoula (PSLNET, Gulf of Corinth, Greece), ESK = Eystri-Skógar (SIL network, South Iceland).