

QFM Magnetic Axis Measurements (Vibrating Wire)

QFM	magax				magaxFARO							OK
	start	[°C] T _{air} / T _{body}	[Hz] f ₂	[μm] W-m _{support}	start	duration	by	[°C] T _{air}	[%] H _{air}	[μm] WH1,2 _{offset}	[μm] W-m _{midTop}	
	25-May 17:00	end of thorough magnet testing (Imag, lwire, water, clamp...)										
01 MAG3391	26-May 8:59	25.1 24.9, 25.1	214.3	-125, 61	26-May 9:32	33' 30"	Roland Felder	25.2 ^{+0.1}	39 ⁺¹	65, -66 46, -70	-19, 11	✓
06 MAG3396	27-May 10:13	24.7 22.0, 22.3	213.2	-77, 45	27-May 10:47	7' 44"	Roland Felder	24.8 ^{+0.0}	41 ⁻⁰	60, -64 46, -69	3, -40	✓
11 MAG3401	27-May 13:53	24.7 21.5, 21.7	215.6	-83, 38	27-May 14:06	8' 49"	Roland Felder	24.7 ^{+0.1}	42 ⁻⁰	62, -66 50, -62	-5, -29	✓
07 MAG3397	28-May 8:31	24.9 24.5, 24.8	211.7	-74, 44	28-May 8:45	9' 38"	Roland Felder	24.9 ^{+0.1}	40 ⁻⁰	56, -78 47, -76	-15, -11	✓
17 MAG3407	28-May 14:05	25.1 23.5, 23.8	213.7	-116, 31	28-May 14:21	9' 32"	Roland Felder	25.1 ^{-0.0}	38 ⁻⁰	61, -73 45, -78	6, -52	✓
15 MAG3405	2-Jun 9:28	24.2 22.2, 22.5	214.4	-93, 72	2-Jun 9:41	10' 55"	Roland Felder	24.2 ^{+0.0}	39 ⁺⁰	74, -60 56, -62	1, -35	✓
	2-Jun 12:00	new wire										
12 MAG3402	2-Jun 15:24	24.7 22.6, 22.8	212.6	-73, 40	2-Jun 15:38	8' 2"	Roland Felder	24.7 ^{+0.1}	35 ⁺⁰	71, -56 57, -56	-39, -25	✓
13 MAG3403	3-Jun 8:34	24.2 24.1, 24.4	211.5	-71, 60	3-Jun 8:48	11' 31"	Roland Felder	24.2 ^{+0.3}	38 ⁻⁰	64, -68 56, -66	-13, -8	✓
04 MAG3394	3-Jun 16:08	24.9 24.6, 23.0	214.9	-92, 64	3-Jun 16:23	8' 10"	Roland Felder	24.9 ^{+0.1}	39 ⁻⁰	65, -70 55, -66	27, -35	✓
16 MAG3406	4-Jun 11:28	24.8 22.7, 23.0	212.2	-69, 35	4-Jun 13:01	6' 32"	Roland Felder	25.0 ^{+0.1}	39 ⁺⁰	72, -72 64, -63	-16, -25	✓

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	start	[°C] T _{air} / T _{body}	[Hz] f ₂	[μm] W-m _{support}	start	duration	by	[°C] T _{air}	[%] H _{air}	[μm] WH1,2 _{offset}	[μm] W-m _{midTop}	
09 MAG3399	4-Jun 15:04	25.3 22.9, 23.2	214.3	-103, 28	4-Jun 15:57	4' 25"	Roland Felder	25.2 ^{+0.1}	42 ⁺⁰	74, -64 60, -62	38, -21	✓
14 MAG3404	5-Jun 8:35	24.9 24.9, 25.1	209.7	-102, 48	5-Jun 9:56	10' 7"	Roland Felder	24.9 ^{+0.1}	40 ⁻⁰	66, -70 60, -64	-7, -9	✓
03 MAG3393	5-Jun 11:22	24.9 22.5, 22.8	215.4	-43, 9	5-Jun 12:52	10' 40"	Roland Felder	25.0 ^{+0.0}	38 ⁺⁰	72, -68 64, -58	15, -33	✓
02 MAG3392	5-Jun 14:20	25.0 22.7, 23.0	215.0	-60, 12	5-Jun 14:33	7' 39"	Roland Felder	25.0 ^{+0.1}	38 ⁻¹	75, -63 66, -54	15, -57	✓
18 MAG3408	5-Jun 16:06	25.0 22.9, 23.2	211.8	-19, -83	5-Jun 16:19	7' 43"	Roland Felder	25.0 ^{+0.1}	37 ⁻⁰	74, -74 58, -74	23, -64	✓
20 MAG3410	6-Jun 8:46	24.8 24.6, 24.9	212.2	-68, 54	6-Jun 9:06	9' 46"	Roland Felder	24.8 ^{+0.5}	38 ⁻⁰	71, -72 64, -74	-1, -8	✓
19 MAG3409	6-Jun 13:20	25.5 24.3, 24.5	212.7	-80, 22	6-Jun 13:32	6' 36"	Roland Felder	25.5 ^{+0.1}	39 ⁺⁰	77, -70 66, -64	5, -48	✓
05 MAG3395	10-Jun 10:45	26.3 27.0, 27.2	213.3	-117, 48	10-Jun 10:57	6' 49"	Roland Felder	26.3 ^{+0.0}	41 ⁺⁰	60, -66 42, -58	10, -18	✓
10 MAG3400	10-Jun 13:25	25.9 25.4, 25.6	213.3	-109, 61	10-Jun 13:39	7' 22"	Roland Felder	25.9 ^{+0.4}	41 ⁻¹	58, -66 41, -56	-15, -30	✓
18repeat MAG3408	10-Jun 15:17	26.3 25.2, 25.5	217.7	-17, 77	10-Jun 15:30	10' 18"	Roland Felder	26.3 ^{+0.1}	40 ⁺⁰	60, -60 38, -62	13, -64	✓
02repeat MAG3392	11-Jun 10:05	26.8 24.7, 25.0	211.6	-56, 17	11-Jun 10:19	8' 39"	Roland Felder	26.8 ^{+0.3}	43 ⁺⁰	58, -76 44, -60	8, -60	✓

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	start	[°C] T _{air} / T _{body}	[Hz] f ₂	[μm] w-m _{support}	start	duration	by	[°C] T _{air}	[%] H _{air}	[μm] WH1,2 _{offset}	[μm] w-m _{midTop}	OK
08 MAG3398	11-Jun 13:55	26.7 24.7, 25.0	214.8	-104, 5	11-Jun 14:08	9' 2"	Roland Felder	26.7 ^{-0.0}	43 ⁻⁰	62, -65 44, -61	-22, -79	✓