

Calibration certificate – additional Annex

Werkskalibrierschein – zusätzlicher Anhang



XXXXX
2023xxx

Sigmatest calibration results: absolute deviation [%IACS]

Kalibrierergebnisse Sigmatest: absolute Abweichung [%IACS]

Measurement results

Messergebnisse

reference value	reading 960kHz	deviation 960kHz	reading 960kHz	deviation 960kHz	reading 480kHz	deviation 480kHz	reading 480kHz	deviation 480kHz	reading 240kHz	deviation 240kHz	reading 240kHz	deviation 240kHz
[MS/m]	[MS/m]	[MS/m]	[%IACS]	[%IACS]	[MS/m]	[MS/m]	[%IACS]	[%IACS]	[MS/m]	[MS/m]	[%IACS]	[%IACS]
62,89	62,897	0,006	108,443	0,010	62,788	-0,103	108,255	-0,178	62,796	-0,095	108,269	-0,163
59,24	59,135	-0,103	101,956	-0,178	59,203	-0,035	102,074	-0,060	59,251	0,013	102,157	0,023
41,44	41,199	-0,237	71,032	-0,408	41,385	-0,050	71,354	-0,086	41,430	-0,006	71,431	-0,010
36,19	36,034	-0,153	62,128	-0,264	36,128	-0,059	62,290	-0,102	36,184	-0,004	62,386	-0,006
29,77	29,677	-0,088	51,168	-0,153	29,747	-0,019	51,288	-0,033	29,769	0,003	51,326	0,006
27,14	27,054	-0,083	46,645	-0,144	27,124	-0,013	46,766	-0,023	27,141	0,003	46,795	0,006
22,55	22,454	-0,092	38,713	-0,159	22,533	-0,013	38,850	-0,022	22,553	0,008	38,885	0,013
17,46	17,394	-0,063	29,989	-0,108	17,453	-0,003	30,092	-0,005	17,466	0,010	30,114	0,018
14,62	14,594	-0,026	25,163	-0,044	14,631	0,011	25,226	0,019	14,637	0,017	25,237	0,030
9,312	9,310	-0,003	16,051	-0,004	9,328	0,016	16,082	0,027	9,331	0,018	16,087	0,032
4,407	4,403	-0,004	7,592	-0,007	4,406	-0,001	7,596	-0,002	4,408	0,001	7,601	0,002
2,090	2,085	-0,005	3,594	-0,008	2,089	0,000	3,602	0,000	2,090	0,000	3,603	0,001
0,627	0,629	0,002	1,084	0,003	0,629	0,002	1,084	0,003	0,629	0,002	1,085	0,004

reference value	reading 120kHz	deviation 120kHz	reading 120kHz	deviation 120kHz	reading 60kHz	deviation 60kHz	reading 60kHz	deviation 60kHz
[MS/m]	[MS/m]	[MS/m]	[%IACS]	[%IACS]	[MS/m]	[MS/m]	[%IACS]	[%IACS]
62,89	62,786	-0,105	108,251	-0,181	62,662	-0,229	108,038	-0,395
59,24	59,266	0,029	102,184	0,050	59,219	-0,019	102,101	-0,032
41,44	41,477	0,042	71,512	0,072	41,487	0,052	71,530	0,089
36,19	36,220	0,033	62,449	0,057	36,223	0,036	62,454	0,063
29,77	29,777	0,011	51,340	0,020	29,780	0,014	51,345	0,024
27,14	27,137	0,000	46,789	0,000	27,117	-0,020	46,754	-0,035
22,55	22,553	0,007	38,884	0,012	22,554	0,008	38,886	0,014
17,46	17,464	0,008	30,111	0,014	17,459	0,003	30,101	0,004
14,62	14,632	0,012	25,228	0,021	14,630	0,010	25,225	0,017
9,312	9,330	0,018	16,087	0,031	9,331	0,019	16,087	0,032
4,407	4,414	0,006	7,610	0,011	4,412	0,005	7,607	0,009
2,090	2,087	-0,003	3,598	-0,004	2,087	-0,003	3,598	-0,005
0,627	0,629	0,002	1,085	0,004	0,627	0,000	1,081	0,000

Lift-Off	59,2 MS/m f=480kHz				27,1 MS/m f=480kHz				0,63 MS/m f=480kHz			
	reading	deviation	reading	deviation	reading	deviation	reading	deviation	reading	deviation	reading	deviation
[μm]	[MS/m]	[MS/m]	[%IACS]	[%IACS]	[MS/m]	[MS/m]	[%IACS]	[%IACS]	[MS/m]	[MS/m]	[%IACS]	[%IACS]
0	59,203	0,00000	102,074	0,0000	27,124	0,00000	46,766	0,0000	0,629	0,00000	1,084	0,0000
250	59,000	-0,20257	101,724	-0,3493	27,070	-0,05410	46,673	-0,0933	0,629	0,00063	1,085	0,0011
500	59,570	0,36727	102,707	0,6332	27,187	0,06320	46,875	0,1090	0,628	-0,00037	1,083	-0,0006