

PAB050-U050-F510 $\pm 50\text{V}/\pm 1\text{A}$
PAB100-U050-F510 $\pm 50\text{V}/\pm 2\text{A}$

HERO[®] POWER

Full Power DC ... **500 kHz**-3dB
small signal 4% swing, **1.7 MHz**

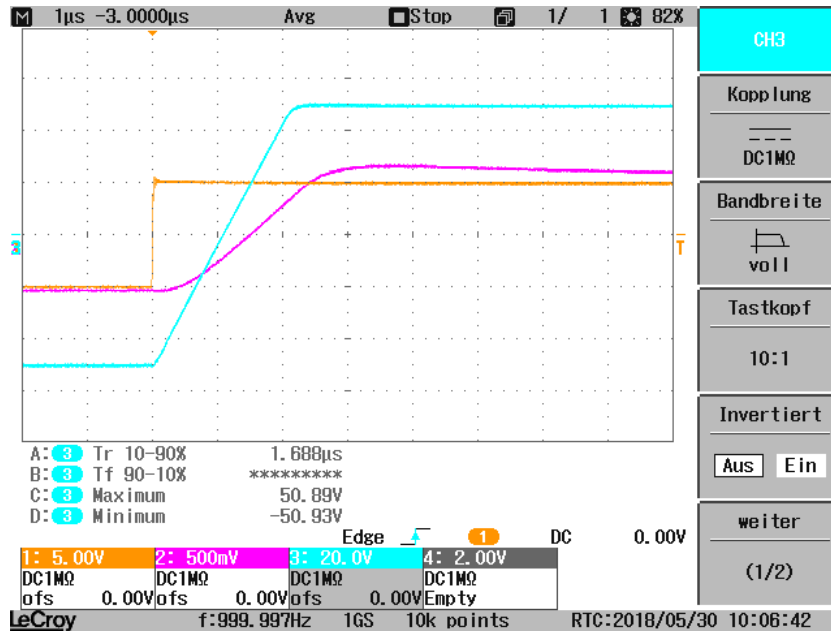


PAB050-U050-F510 $\pm 50V/\pm 1A$
PAB100-U050-F510 $\pm 50V/\pm 2A$

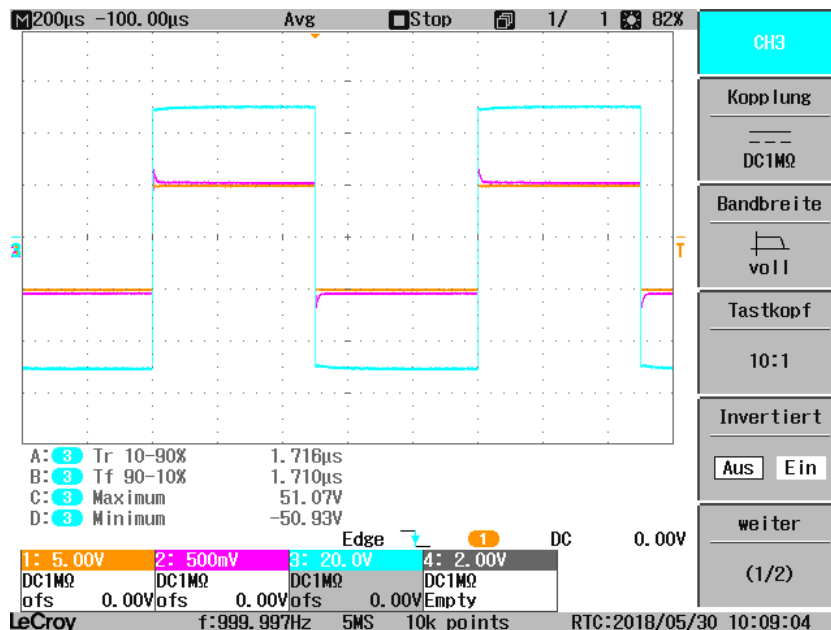
ROHRER®

- power electronic
- signal processing
- customized solutions

Risetime: ca. 2µsec/100V



1 kHz



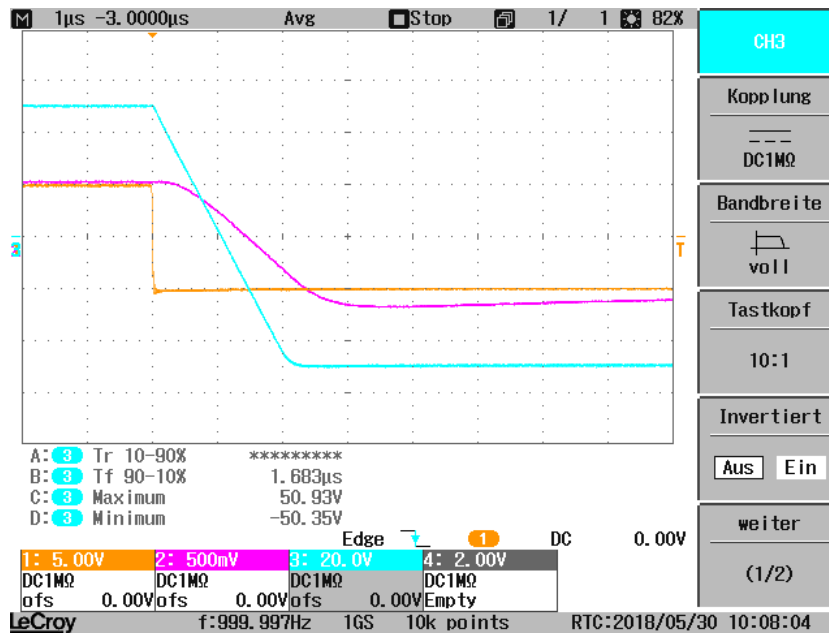
Kurvenfarbe:

Gelb: INPUT

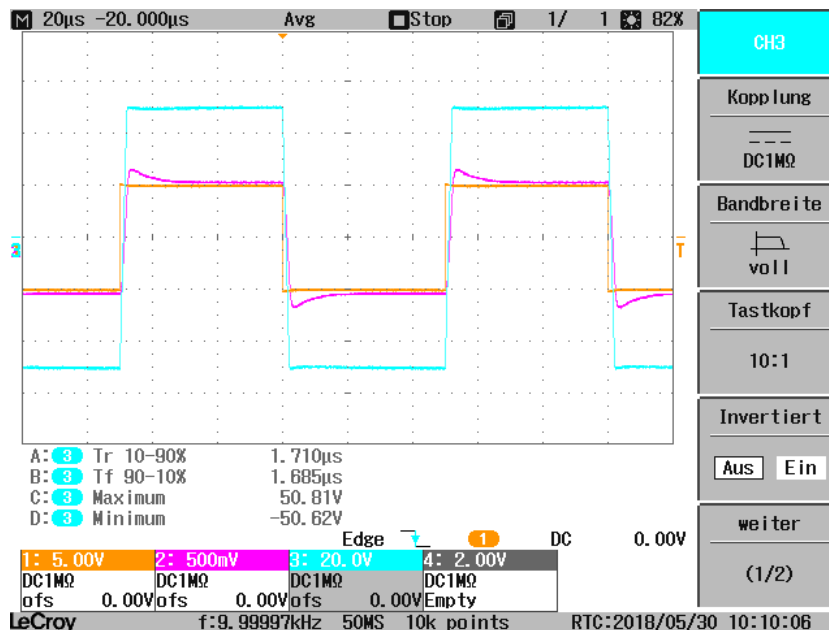
Blau: U_{OUT}

Magenta: I_{OUT}

Falltime: ca. 2µsec/100V



10 kHz



Kurvenfarbe:

Gelb: INPUT

Blau: U_{OUT}

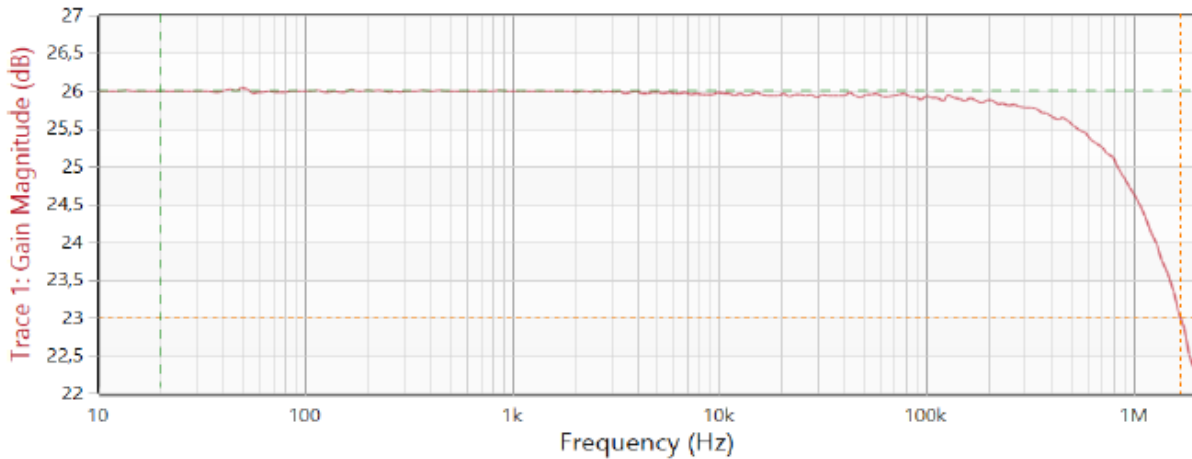
Magenta: I_{OUT}

PAB050-U050-F510 $\pm 50V/\pm 1A$
PAB100-U050-F510 $\pm 50V/\pm 2A$

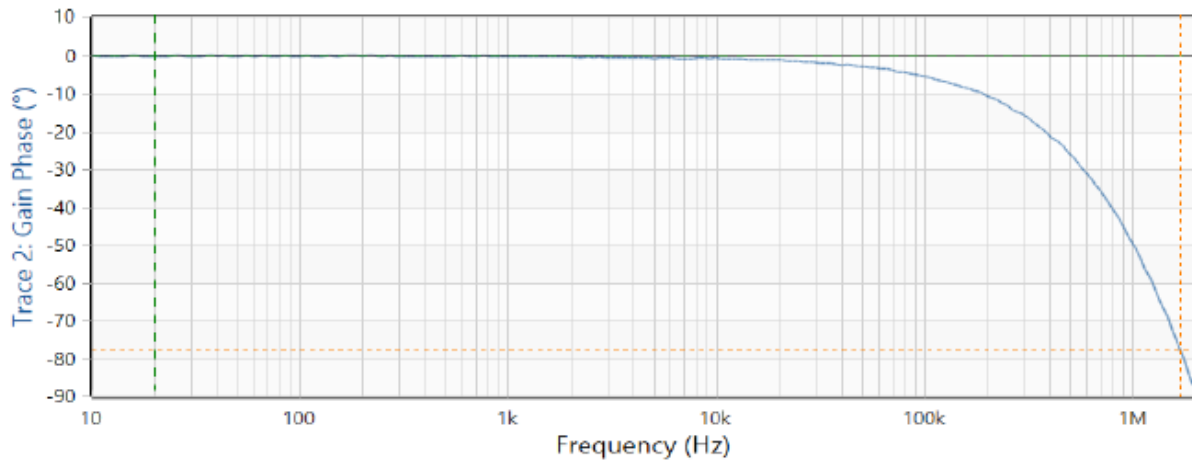
ROHRER[®]

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Measurement: Transmission / Reflection



— Trace 1



— Trace 2

	Cursor 1	Cursor 2	Delta C2-C1
Frequency	20 Hz	1,708 MHz	1,708 MHz
Trace 1	26,001 dB	23,001 dB	-3 dB
Trace 2	-40,038 m°	-77,925 °	-77,885 °

Comments:

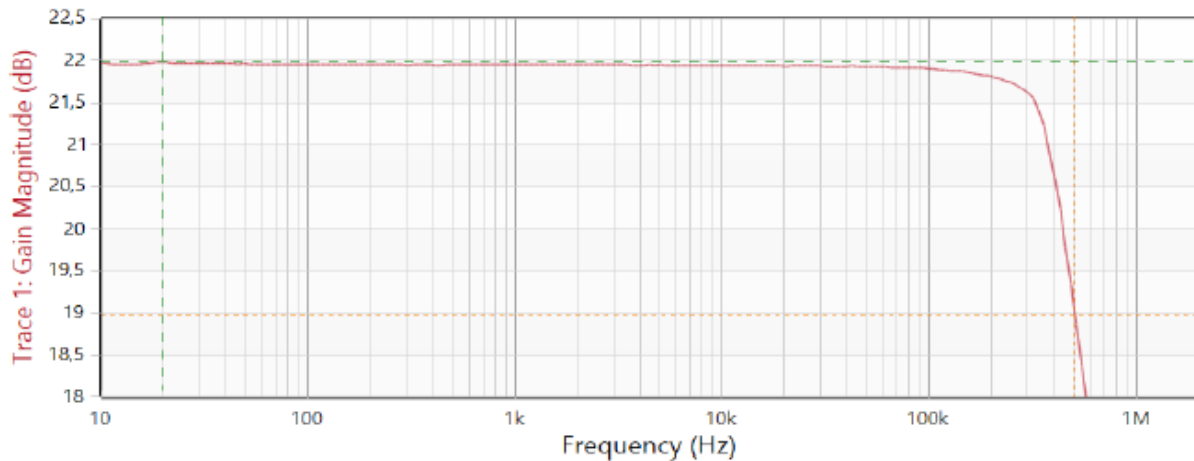
PAB050-U050-F510, RL=470hm, Vin=200mVpp

PAB050-U050-F510 $\pm 50V/\pm 1A$
PAB100-U050-F510 $\pm 50V/\pm 2A$

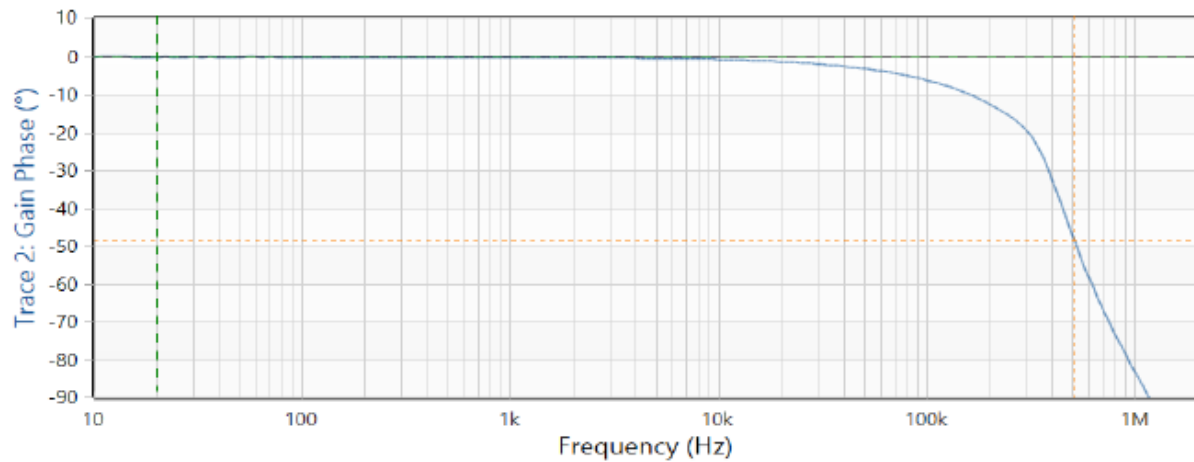
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Measurement: Transmission / Reflection



— Trace 1



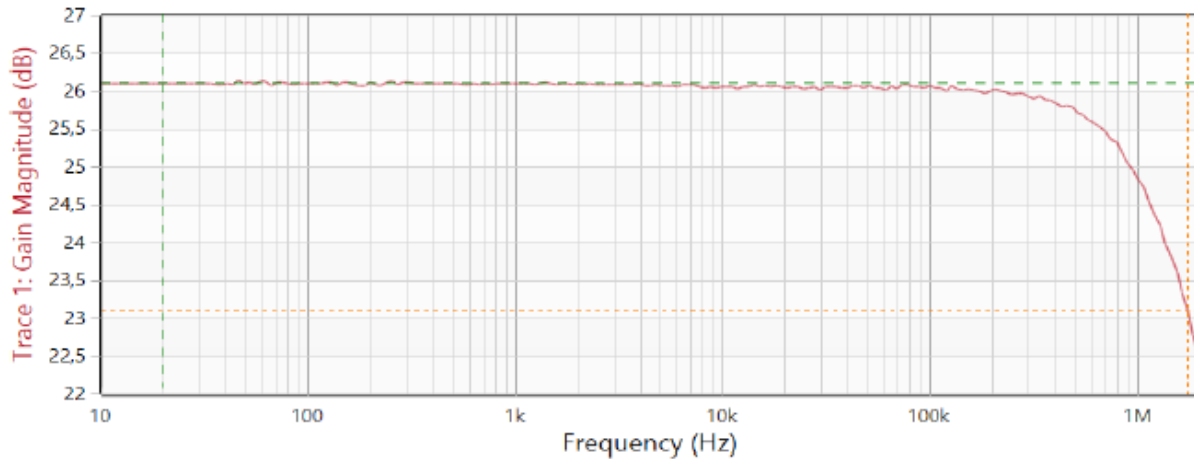
— Trace 2

	Cursor 1	Cursor 2	Delta C2-C1
Frequency	20 Hz	514,954 kHz	514,934 kHz
Trace 1	21,972 dB	18,972 dB	-3 dB
Trace 2	-1,962 m°	-48,437 °	-48,435 °

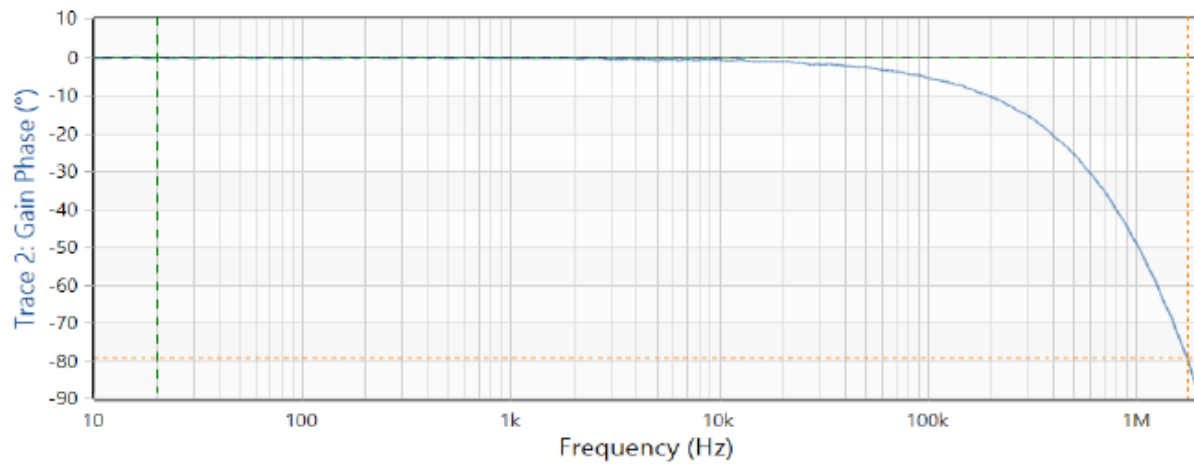
Comments:

PAB050-U050-F510, RL=470hm, Vin=5Vpp

Measurement: Transmission / Reflection



— Trace 1



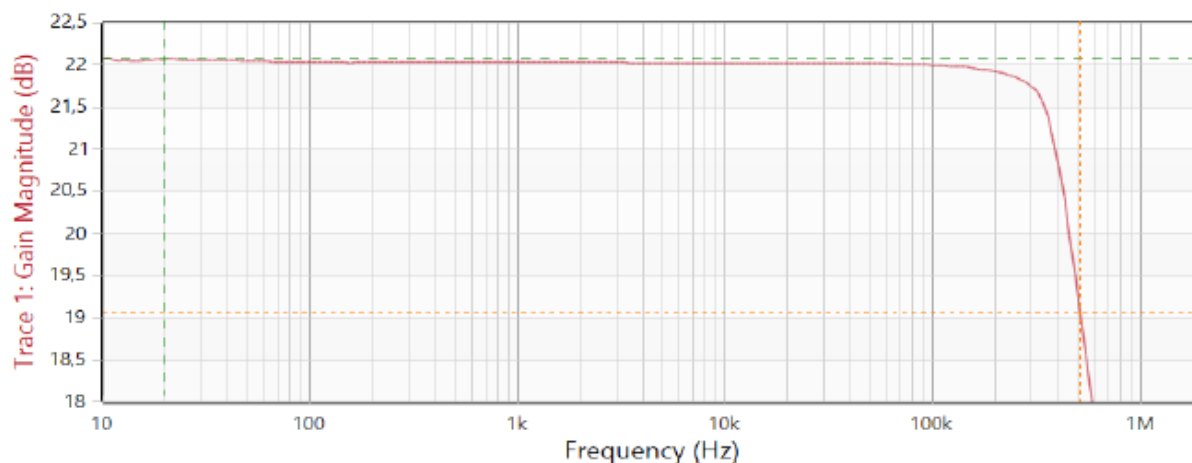
— Trace 2

	Cursor 1	Cursor 2	Delta C2-C1
Frequency	20 Hz	1,768 MHz	1,768 MHz
Trace 1	26,1 dB	23,1 dB	-3 dB
Trace 2	-5,306 m°	-79,486 °	-79,481 °

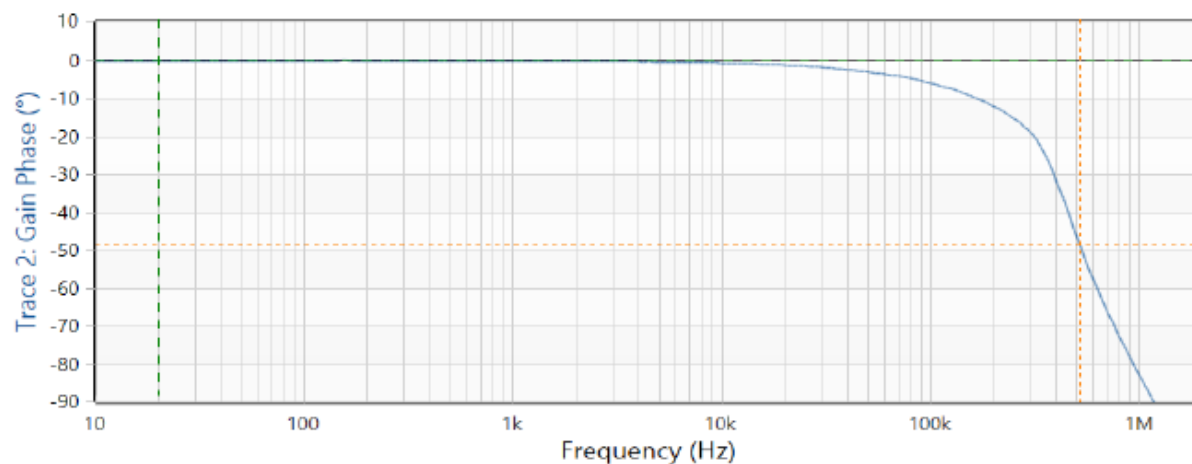
Comments:

PAB050-U050-F510, RL=Leerlauf, Vin=200mVpp

Measurement: Transmission / Reflection



— Trace 1



— Trace 2

	Cursor 1	Cursor 2	Delta C2-C1
Frequency	20 Hz	521,531 kHz	521,511 kHz
Trace 1	22,064 dB	19,064 dB	-3 dB
Trace 2	-19,336 m°	-48,391 °	-48,372 °

Comments:

PAB050-U050-F510, RL=Leerlauf, Vin=5Vpp