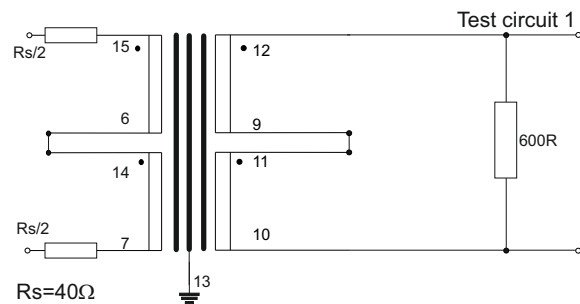


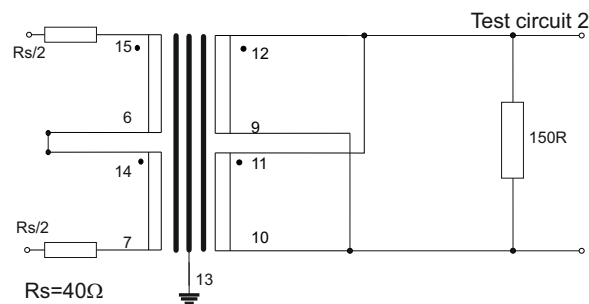


Specification (test circuit 1):
Turns ratio: 1 to 1 (series wired)

DC resistance (Ω +/-15%)
Windings 1 + 2 (15 - 7) = windings 3 + 4 (12 - 10): 40

Voltage gain @ 1kHz, -1.58dBu (typ.)

Maximum input @ 20Hz, <0.03% THD: 30dBu

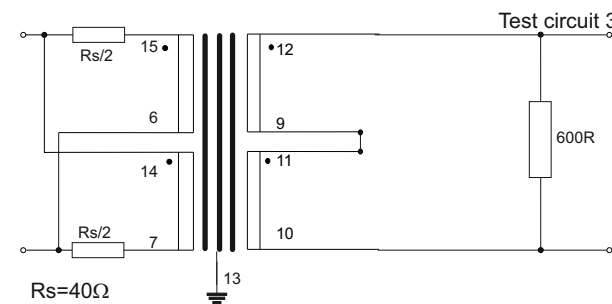


Specification (test circuit 2):
Turns ratio: 2 to 1 (parallel secondaries)

DC resistance (Ω +/-15%)
Windings 1 + 2 (15 - 7): 40
Secondaries (parallel) ((12+11) - (9 + 10)): 10

Voltage gain @ 1kHz, -8dBu (typ.)

Maximum input @ 20Hz, <0.03% THD: 30dBu

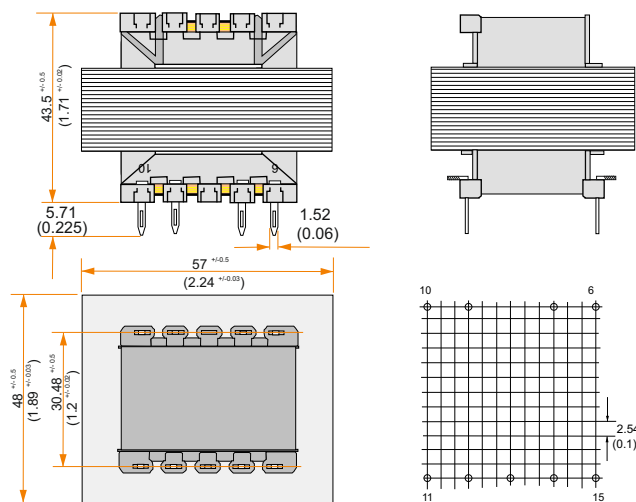


Specification (test circuit 3):
Turns ratio: 1 to 2 (parallel primaries)

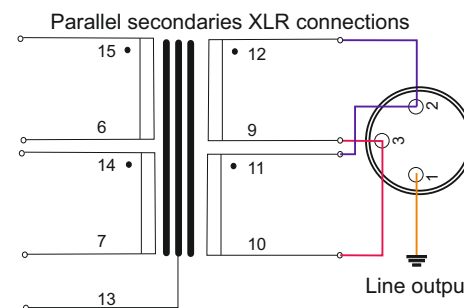
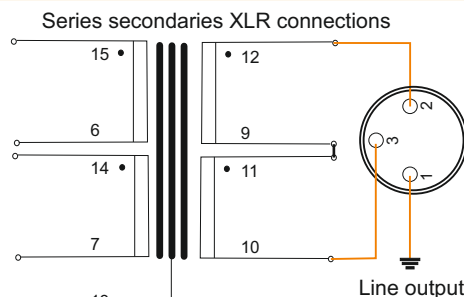
DC resistance (Ω +/-15%)
primaries (parallel) (15 + 14) - (6 + 7): 10
Secondary (series) (12 - 10): 40

Voltage gain @ 1kHz, 3.1dBu (typ.)

Maximum input @ 20Hz, <0.5% THD: 30dBu



Mass: 0.4kg
Tolerance on dimensions in mm: +/- 0.1 unless stated otherwise.
Inches shown in brackets.
Tolerance on dimensions in inches: +/- 0.005" unless stated otherwise.



Description:

Quadfilar line output transformer

Application: high performance output stages
Can be wired for 1:1, 2:1 or 1:2

30dB drive level @ 20Hz <0.05% THD (1 to 1 and 2 to 1 configuration)

Reflected input impedance (1:1) (Ω): 667 Ω (typ.) @ 1kHz
Output impedance (1:1) (Ω): 79 Ω (typ.) @ 1kHz (5/6/7/8 S/C)

Insertion loss (1:1): 1.1dB (typ.)
Leakage inductance (1:1) @ 1kHz (1 - 11) (5/6/7/8 S/C): 70uH (typ.)

Interwinding capacitance @ 10kHz, 0.1V:
Cp-s: 20nF (typ.) (wired 1 to 1)

Frequency response +/-0.2dB (10Hz - 80kHz)

Hi-pot, winding to winding: 250VAC

Grain orientated silicon steel core for high drive level capacity

Operating temperature range: 0 to +70°C
Storage temperature range: -25°C to +120°C



vigortronix

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Fax: +44 (0)1993 777580
www.vigortronix.com



Scale: N.A.

DESCRIPTION

30dB quadfilar line output transformer

All dimensions in mm unless stated otherwise

ISSUE

DATE

DRAWN

CHECKED

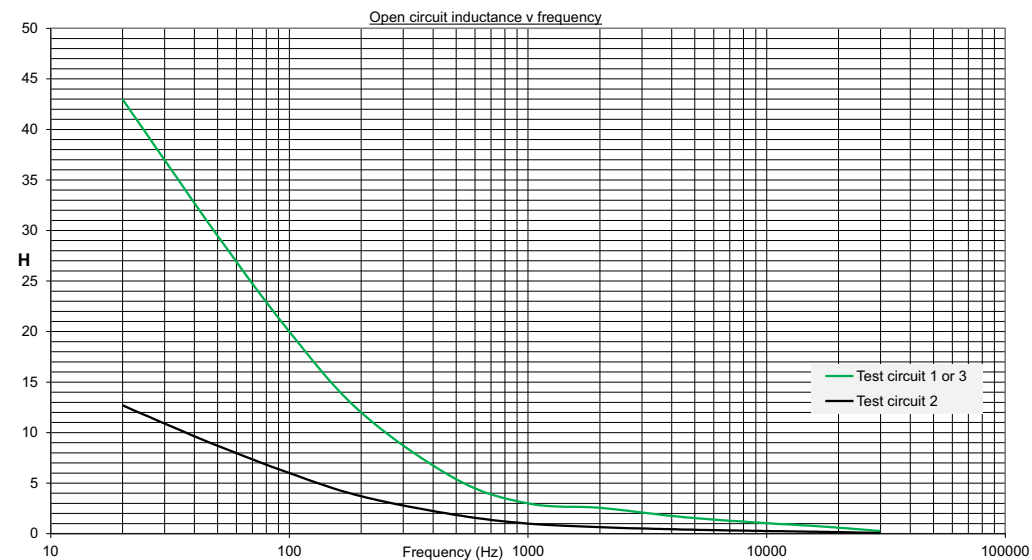
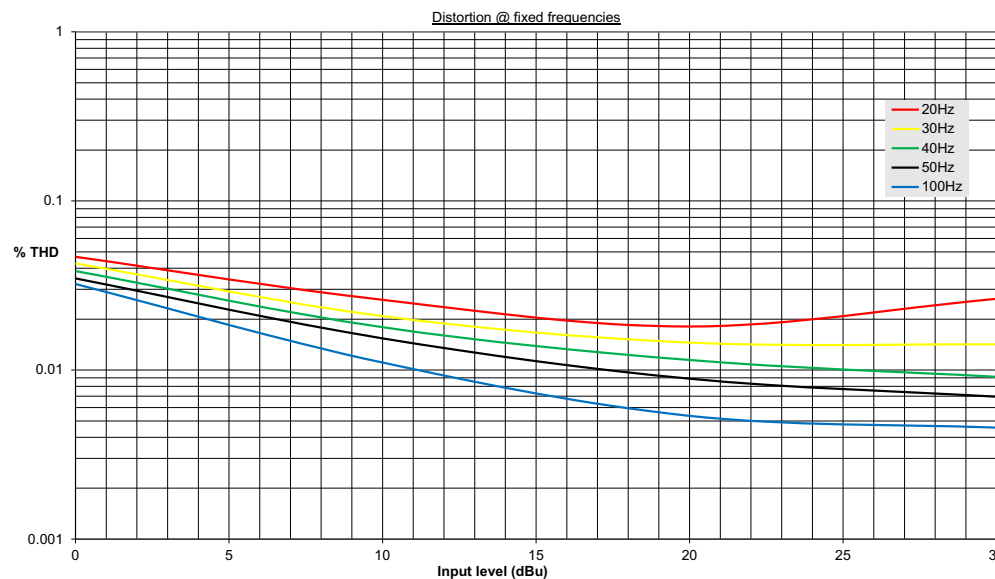
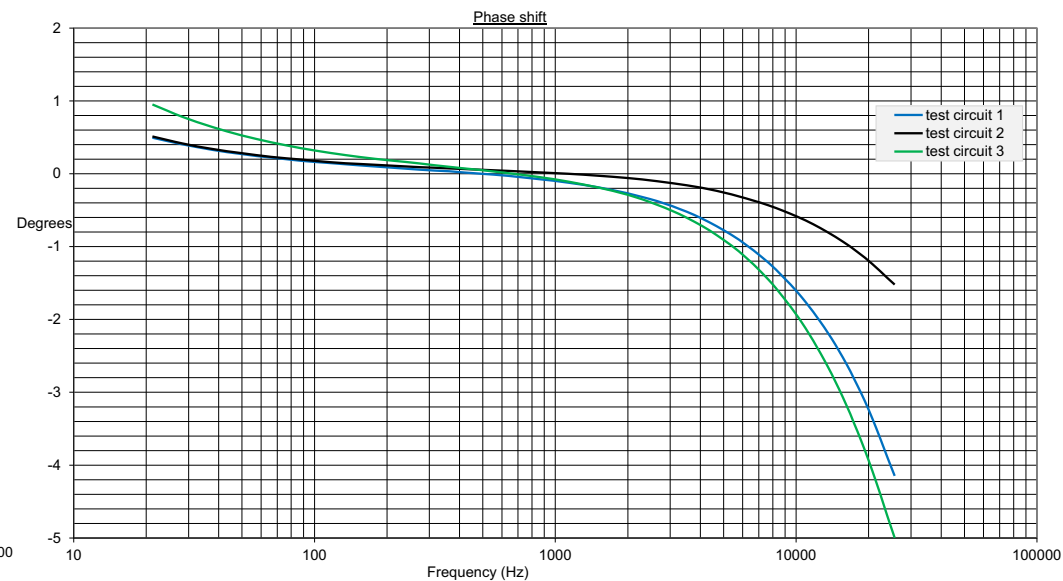
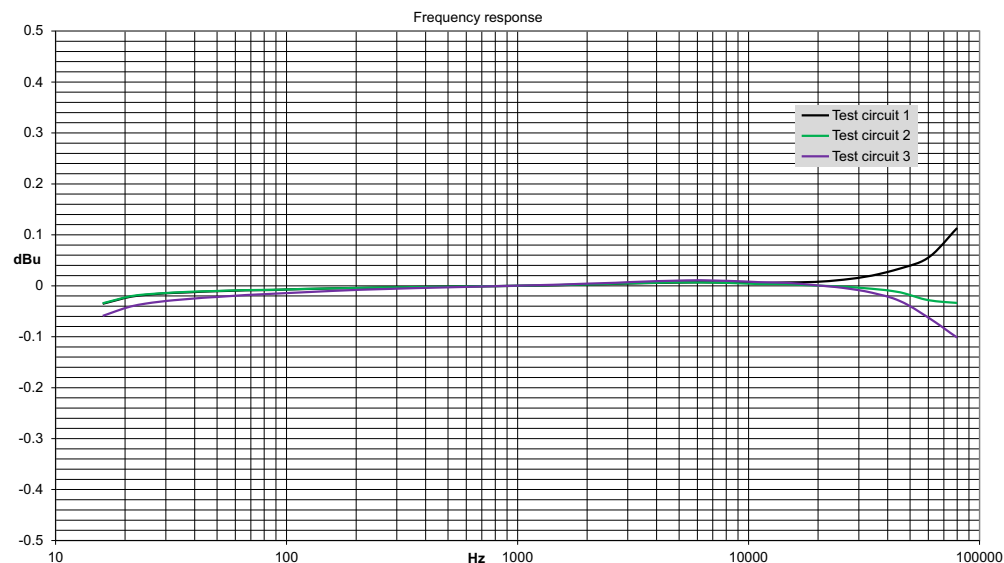
1
2
3

26/11/24
30/03/25
16/04/25

CS
CS
CS

DRAWING NUMBER

VTX-LOUT5



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Scale: N.A.

DESCRIPTION

30dB quadfilar line output transformer

All dimensions in mm unless stated otherwise

ISSUE	DATE	DRAWN	CHECKED
1	26/11/24	CS	
2	30/03/25	CS	
3	16/04/25	CS	

DRAWING NUMBER

VTX-LOUT5