

Reverse Amplifier Module - 4LER90 with Injection Test Point

For Philips[®]/Magnavox[®] System Amplifiers and Line Extenders



PARAMETER	SPECIFICATION	Unit
Passband	5-42 MHz	MHz
Flatness	+/- 0.5	dB
Minimum Full Gain (in fixture) ¹	25	dB
Operating Gain (in amplifier) ²	19	dB
Slope -Potentiometer controlled	0-9	dB
Injection Test Point	-20	dB
Operating level rating ³	40	dB
Return Loss- Input	-20	dB
Return Loss - Output	-20	dB
DC Voltage (B+)	24	Vdc
Current Draw	85	mA
Distortion (@ O/P rated level) ⁴	40	dB
CTB	61	dB
XMOD	61	dB

Performance based on BBI Part Number 401442

Notes

¹ Does not include the loss associated with the passive network inside the amplifier

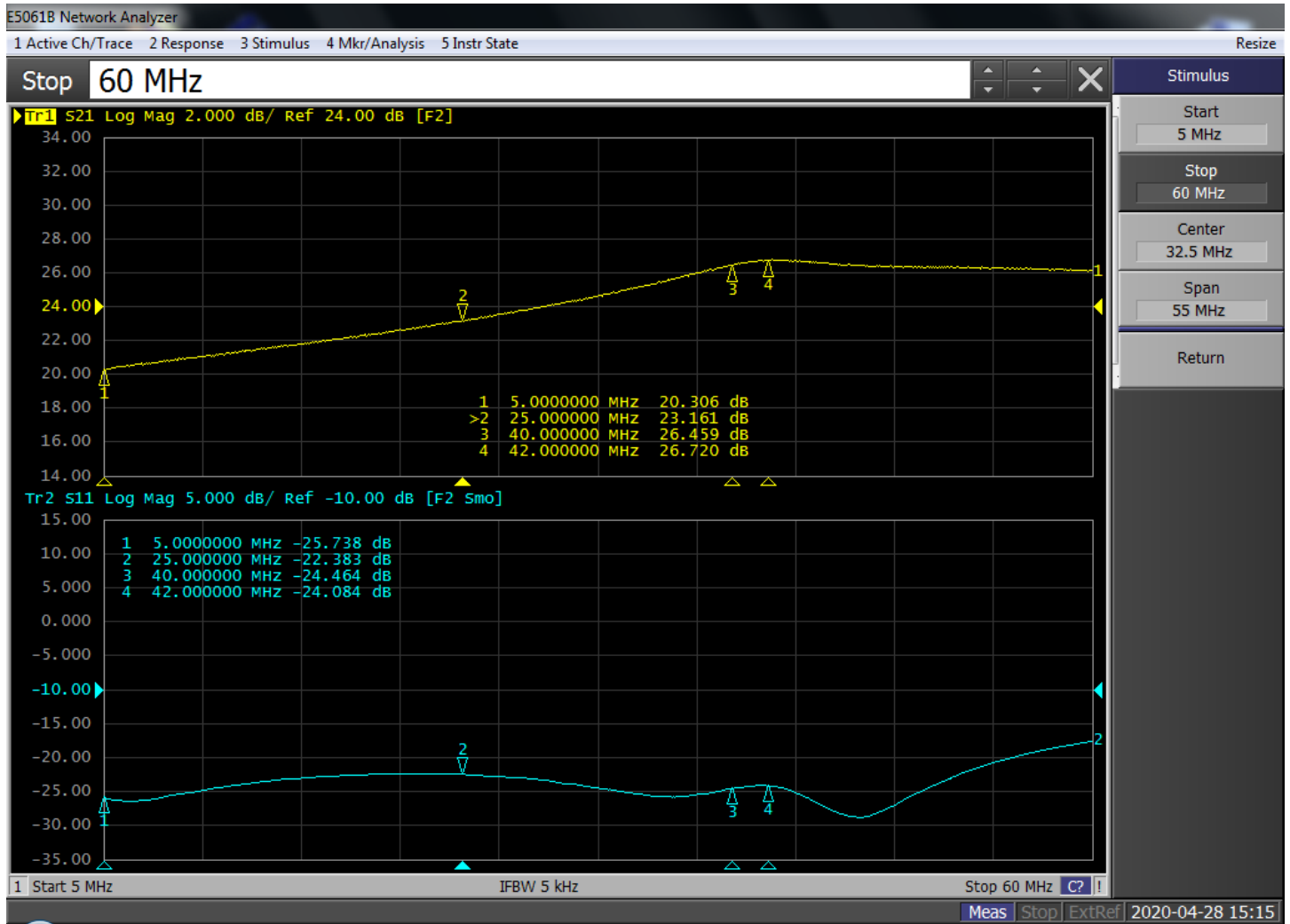
² Stated as gain in the line extender. Input to output gain may vary by amplifier due to the number of active ports. Gain can be adjusted in the field

³ Levels based on 17-20 dB input

⁴ Distortion numbers are worst case at full gain



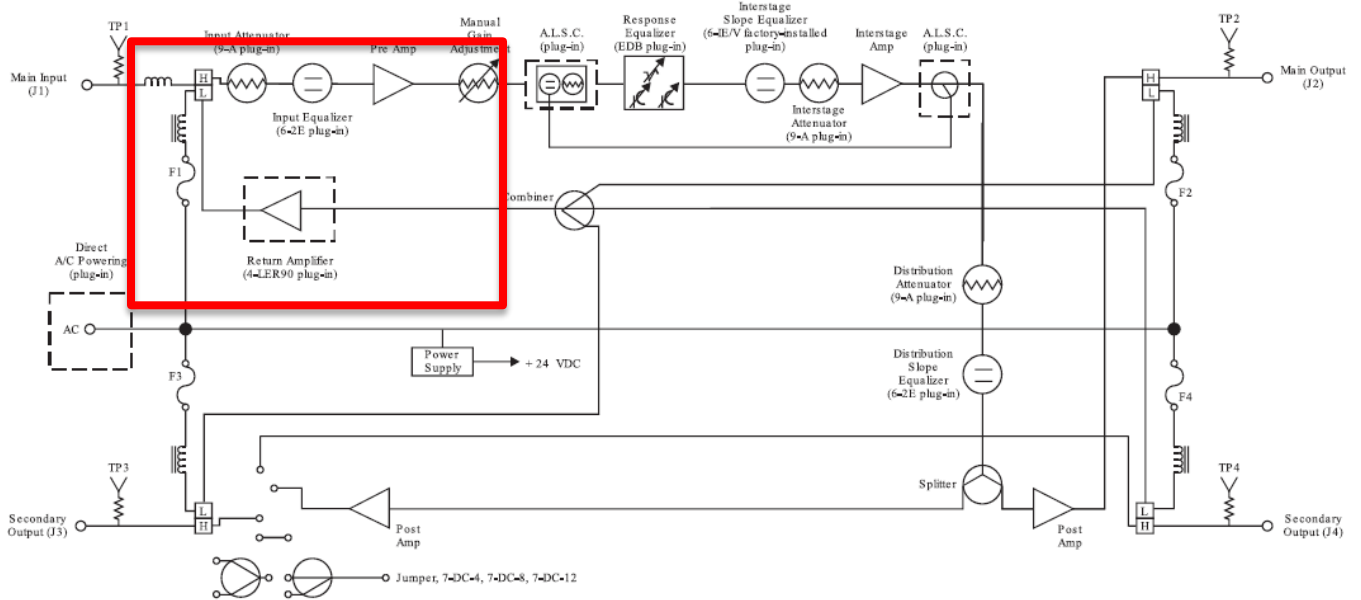
5-42 MHz Response with Slope control adjusted at 6.5 dB in test fixture



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Typical Installation in a System Amplifier shown in red (GNA Shown)



Typical Installation in a Line Extender Module shown in red

