

Model No.

9LA0029-000

Test Data

RESEARCH & DESIGN DEPARTMENT

PRODUCT SPECIFICATIONS

MODEL NO. : 9LA0029-000 MODEL NAME : LINE AMPLIFIER

FREQUENCY RANGE (MHz) 40 ~ 782

GAIN (dB) 18 Min.

GAIN FLATNESS (dB) ± 2 NA

REJECTION (dB) NA 20 Min.

IN-RETURN LOSS (dB) 10 Typ. 5 Min. NA

OUT-RETURN LOSS (dB) 10 Typ. 5 Min. NA

NOISE FIGURE (dB) 3.5 Typ. 6 Max. @782MHz NA

OUTPUT LEVEL 3 rd-ORDER

(EN50083-3, 60dB IMA) (dB μ V) 98 Min.

IN-IMPEDANCE (Ω) 75

OUT-IMPEDANCE (Ω) 75

IN-CONNECTOR F MALE

OUT-CONNECTOR F FEMALE

OPERATION TEMPERATURE -20°C ~ +45°C

POWER REQUIREMENTS 5V= DC , 40 mA · Max.

REPAIRED BY DATE 9.22.2015 ACTUAL SIZE : ψ 15.8*67.9 mm WEIGHT : 30 g

CHECKED BY DATE 9.22.2015 REVISION : 0.1 CAT NO.:

APPROVED BY DATE 9.22.2015 MODEL NO. : 9LA0029-000 SHEET P5.1

9LA0029-000(LTE)_TEST DATA

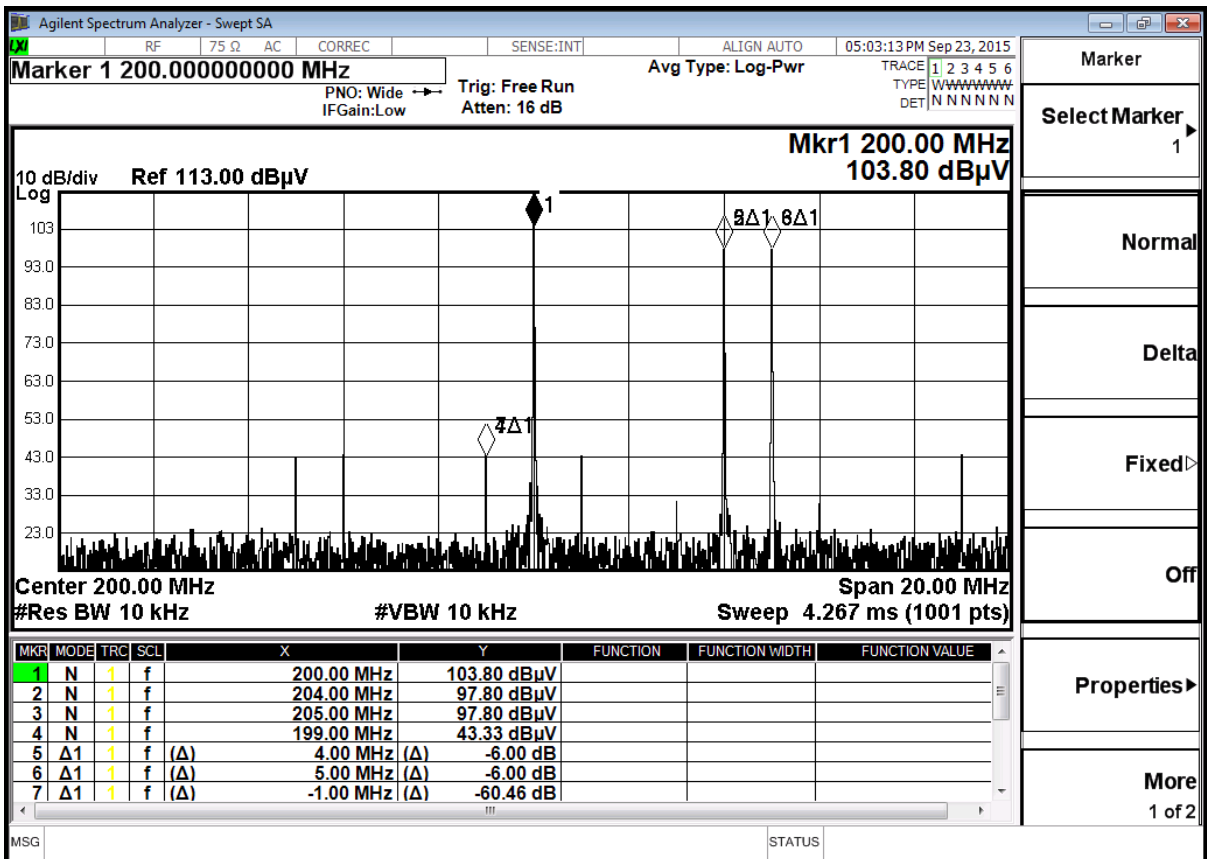
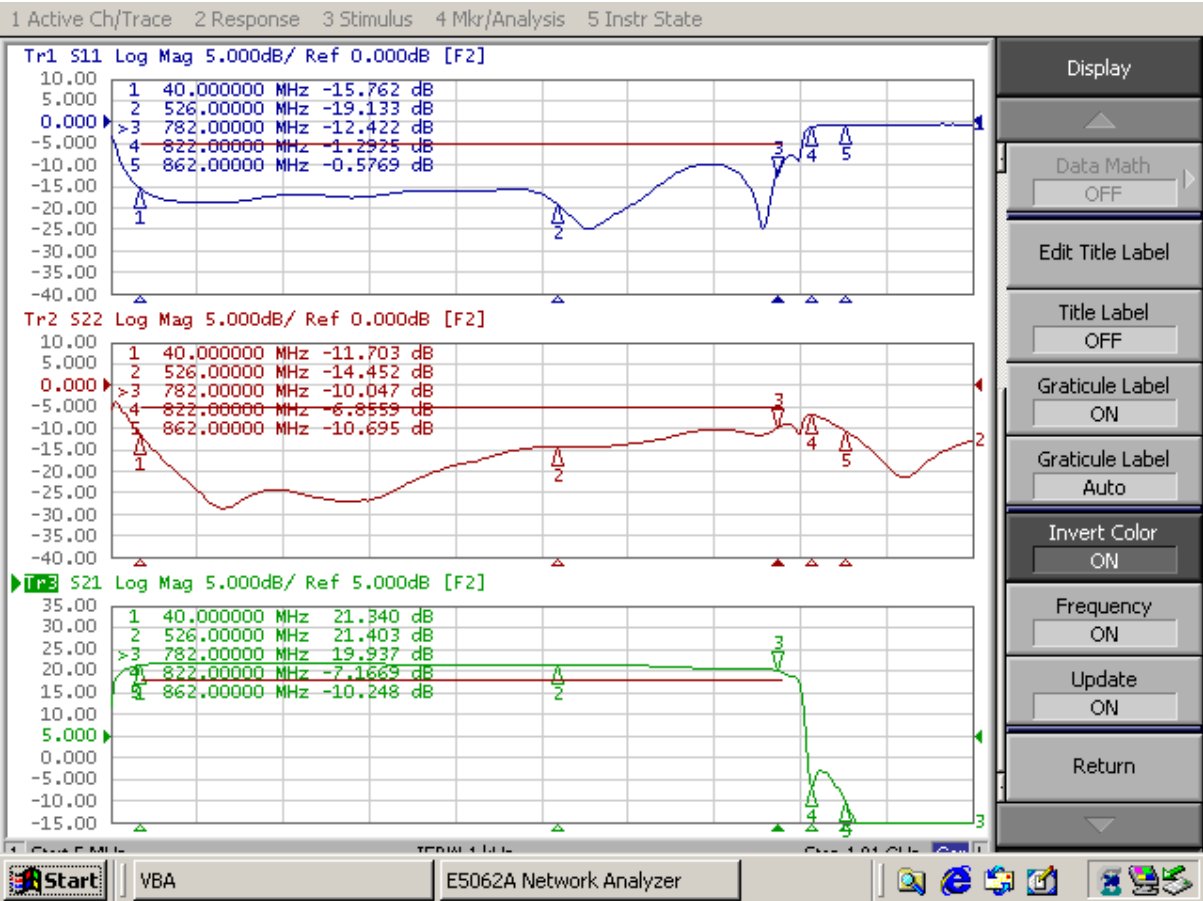
INPUT RETURN LOSS /OUTPUT RETURN LOSS / GAIN

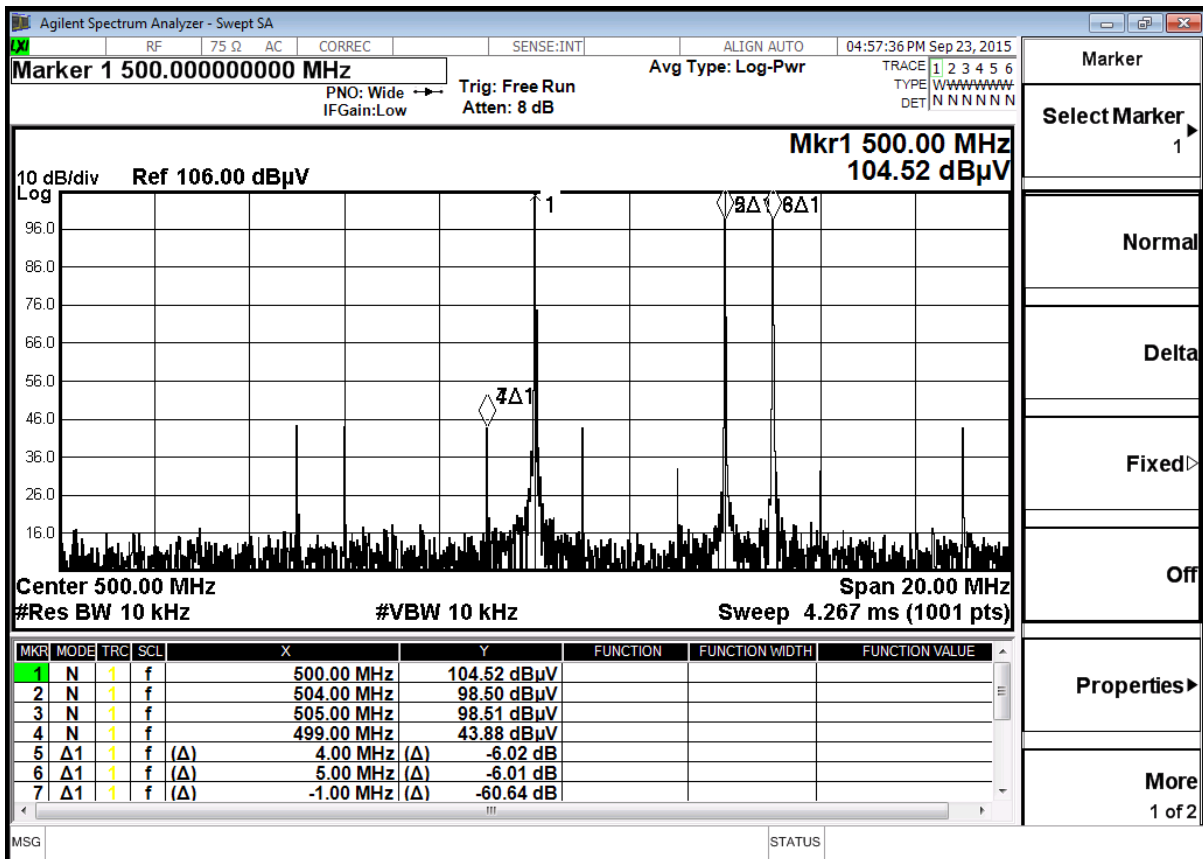
OUTPUT POWER LEVEL

@200MHz 103.80dBuV

@500MHz 104.52 dBuV

@700MHz 104.63 dBuV





Marker

Select Marker 1

Normal

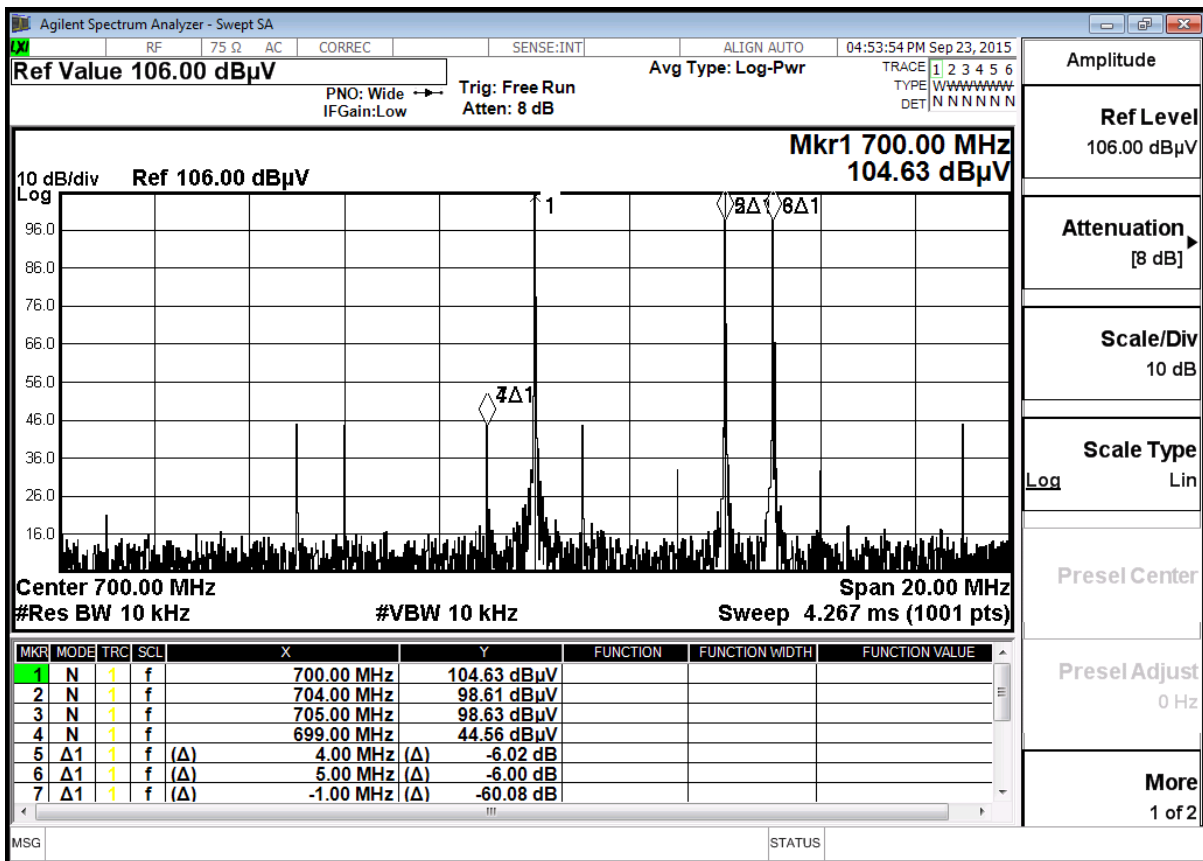
Delta

Fixed

Off

Properties

More 1 of 2



Amplitude

Ref Level 106.00 dBμV

Attenuation [8 dB]

Scale/Div 10 dB

Scale Type Log Lin

Presel Center

Presel Adjust 0 Hz

More 1 of 2