Scanned by KN5U

Δ5 - Page 8-J-7/8-J-8, Figure 8-43. Δ5 - Page 5-5, paragraph 5-17.

Affected instruments: serial numbers 1748A01900 and below.

These instruments do not have R142. When performing the Amplitude Flatness adjustment, use the following procedure:

Equipment Required:

High Frequency Spectrum Analyzer (-hp- Model 141T/8552B/8553B/8566A/8568A)

a. Set the 3325A as follows:

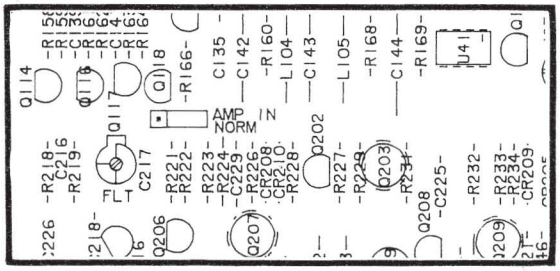
Function ..... Sine
Amplitude 0.999Vp-p
Start Freq 0.0Hz
Stop Freq 20MHz
Marker Freq 5MHz
Sweep Time 0.01s

b. Connect the 3325A signal output to a high frequency spectrum analyzer (50Ωinput).

c. Press the START CONT key.

d. Adjust the spectrum analyzer as follows:

Center Frequency 10MHz
Bandwidth 300kHz
Scan Width 2MHz/div
Input Attenuation 40dB
Base Line Clipper ..... −60dB
Video Filter ..... Off
Scan Time 0.1s/div



Log Ref Level ..... +20dBm
10dB log
Vernier ..... −8dB
Scan Mode ..... Int
Scan Trigger ..... Auto

e. The spectrum analyzer should display the frequency sweep, at a level of approximately −10dB.

f. Change the spectrum analyzer Log Ref Level to 2dB log.

g. Adjust FLT (A4C217) slightly for the most uniform level across the entire sweep, using a non-conductive tool.

h. Disconnect the spectrum analyzer from the 3325A output.

Δ5 - Page 8-J-7/8-J-8, Figure 8-43.

Affected instruments: serial numbers 1748A05825 and below.

These instruments contain the amplitude control circuitry shown in Figure 7-15.

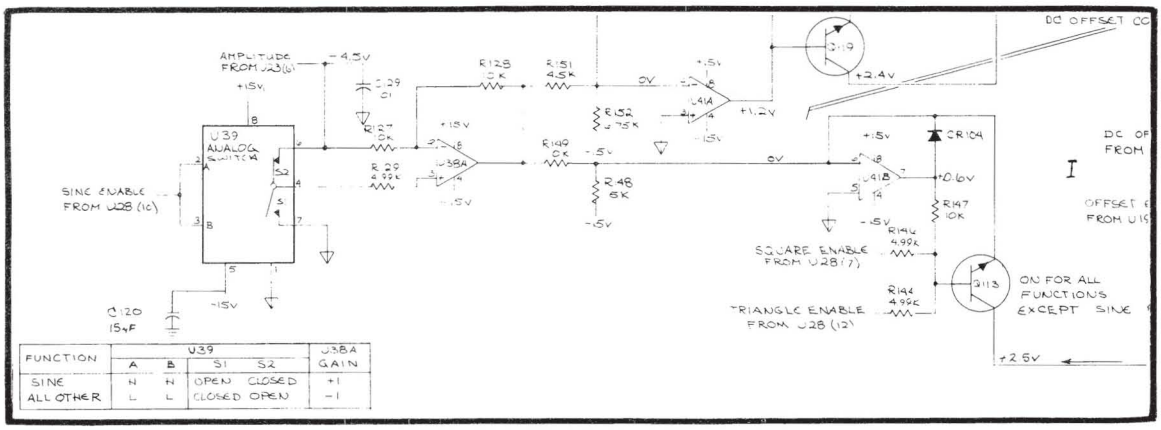


Figure 7-15. Amplitude Control Circuitry (Serial Numbers 1748A05825 and below).

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