

Testing Observation

Dated – 15-10-2025

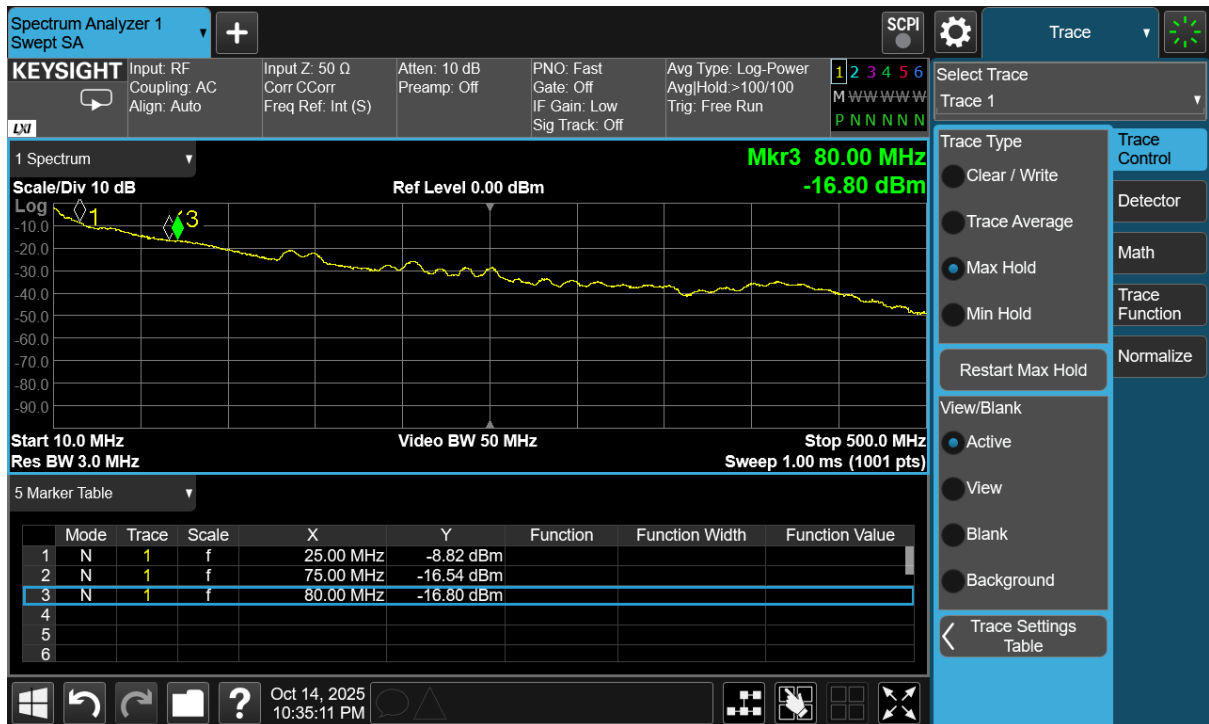
1) Default Board

FREQUENCY	POE (db)
25 MHZ	-11.97
75 MHZ	-20.16
80 MHZ	-20.95



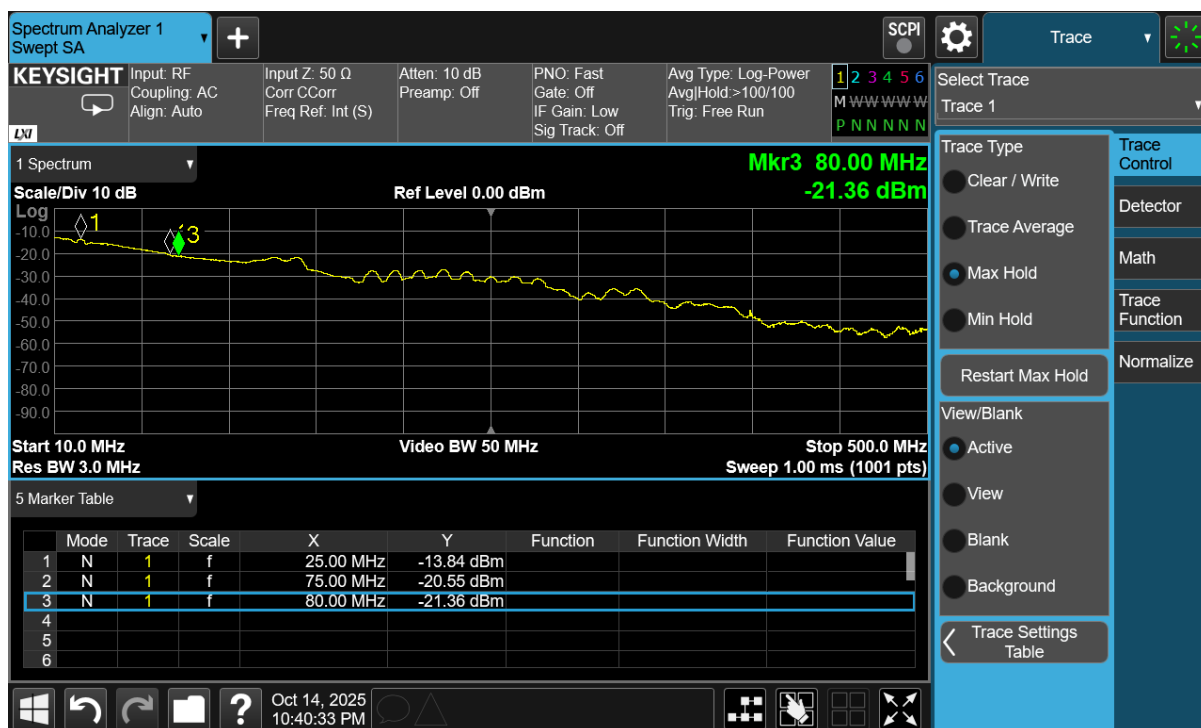
2) Mounted FL29, FL30

FREQUENCY	POE (db)
25 MHZ	-8.82
75 MHZ	-16.54
80 MHZ	-16.80



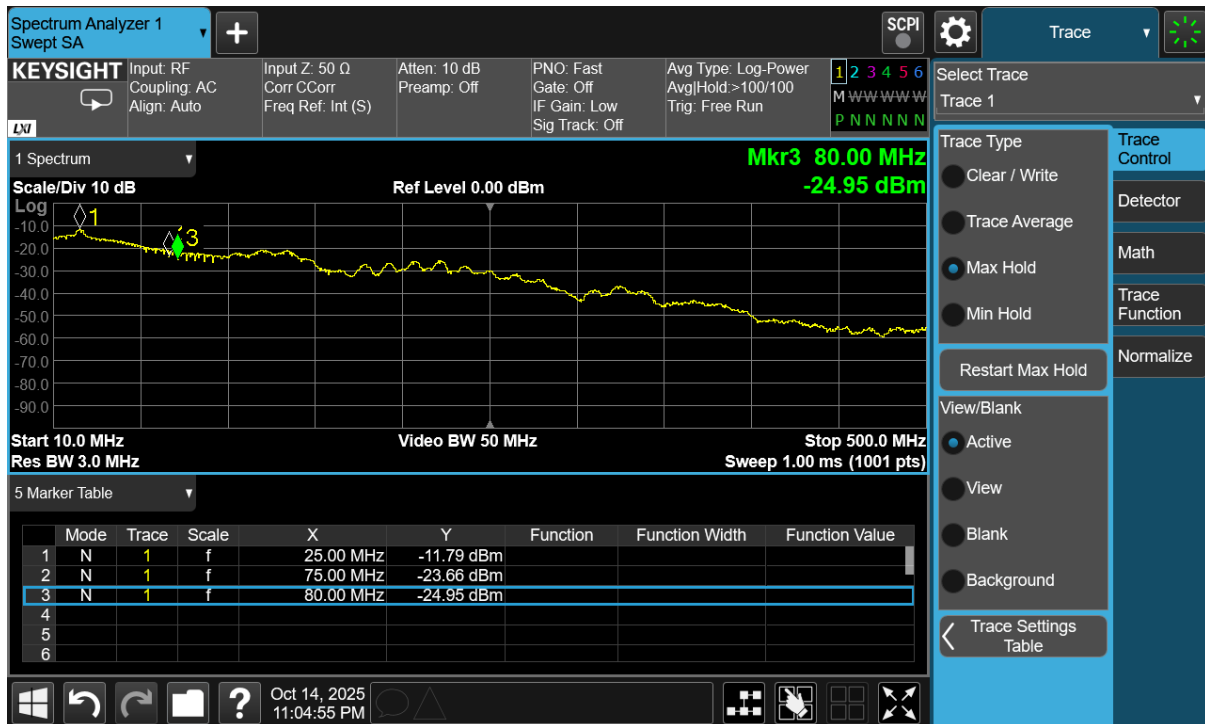
3) Gate resistor R88 – Changed to 22E

FREQUENCY	POE (db)
25 MHZ	-13.84
75 MHZ	-20.55
80 MHZ	-21.36



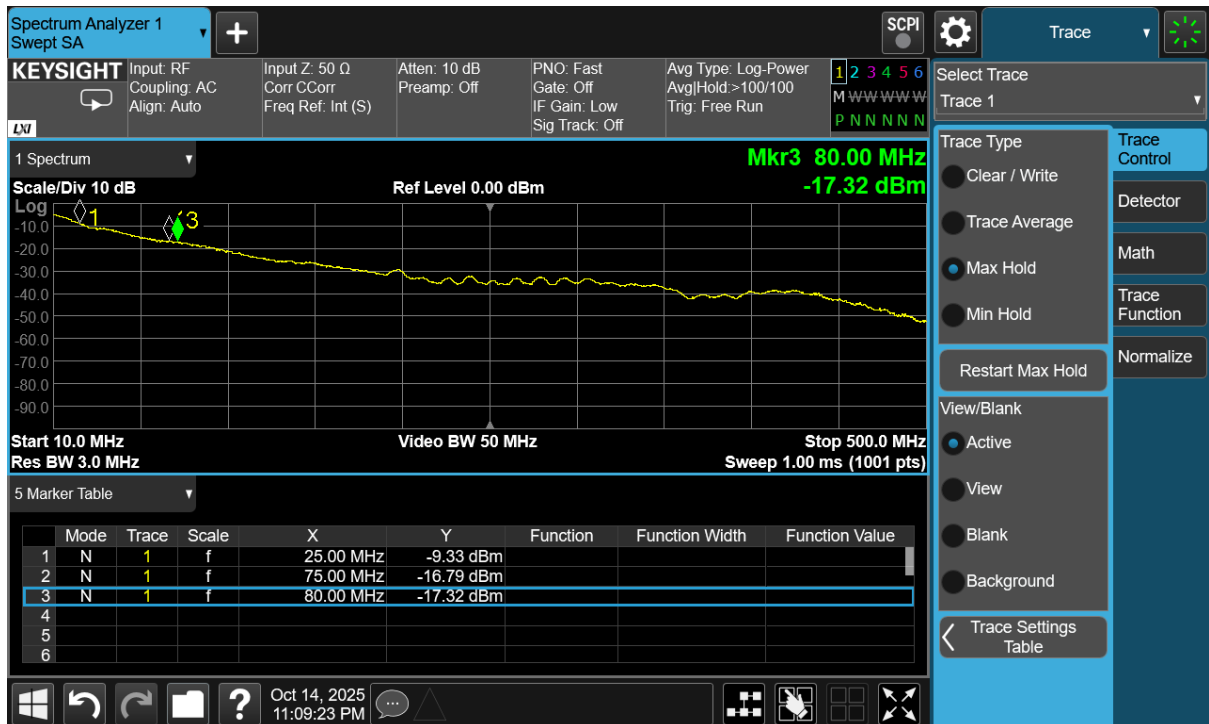
4) Gate resistor R88 – Changed to 18E

FREQUENCY	POE (db)
25 MHZ	-11.79
75 MHZ	-23.66
80 MHZ	-24.95



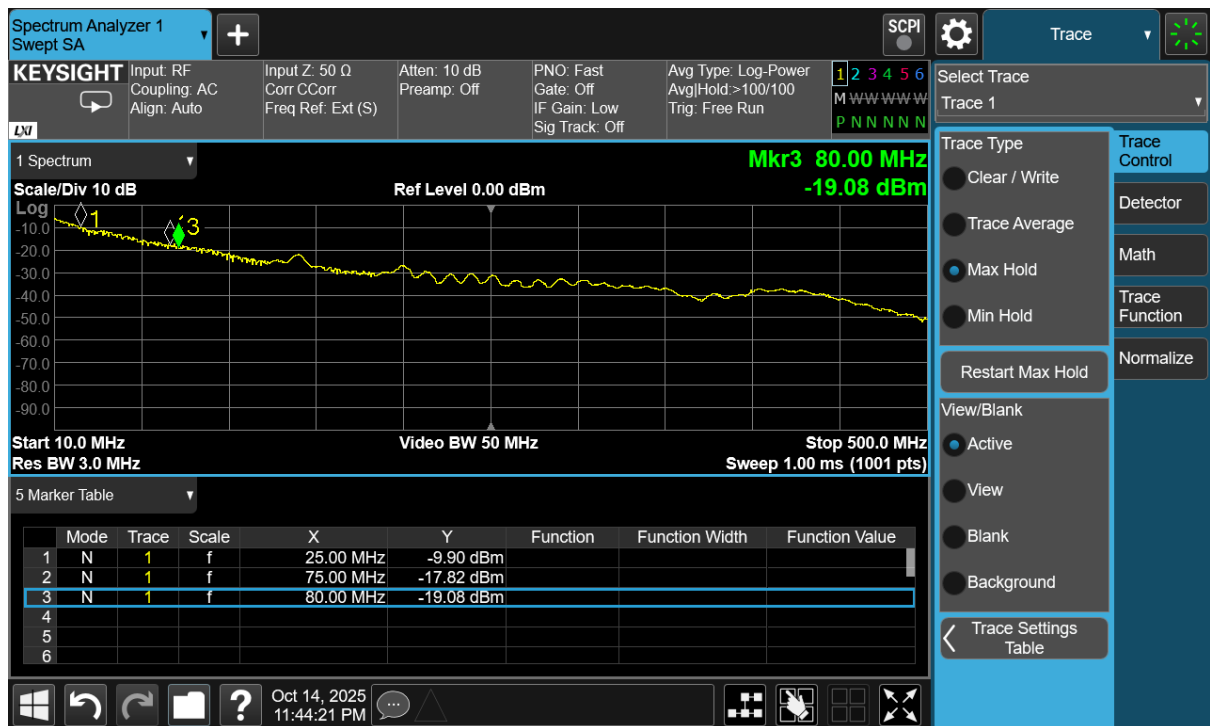
- 5) Gate resistor R88 – Changed to 18E
Mounted FL29, FL30

FREQUENCY	POE (db)
25 MHZ	-9.33
75 MHZ	-16.79
80 MHZ	-17.32



- 6) Gate resistor R88 – Changed to 22E
Mounted FL29, FL30

FREQUENCY	POE (db)
25 MHZ	-9.90
75 MHZ	-17.82
80 MHZ	-19.08



7) Changed L2 inductor from 2.2uH to 1.8uH

FREQUENCY	POE (db)
25 MHZ	-13.50
75 MHZ	-19.67
80 MHZ	-20.72



8) Changed L2 inductor from 2.2uH to 1.5uH

FREQUENCY	POE (db)
25 MHZ	-12.20
75 MHZ	-21.84
80 MHZ	-23.00

