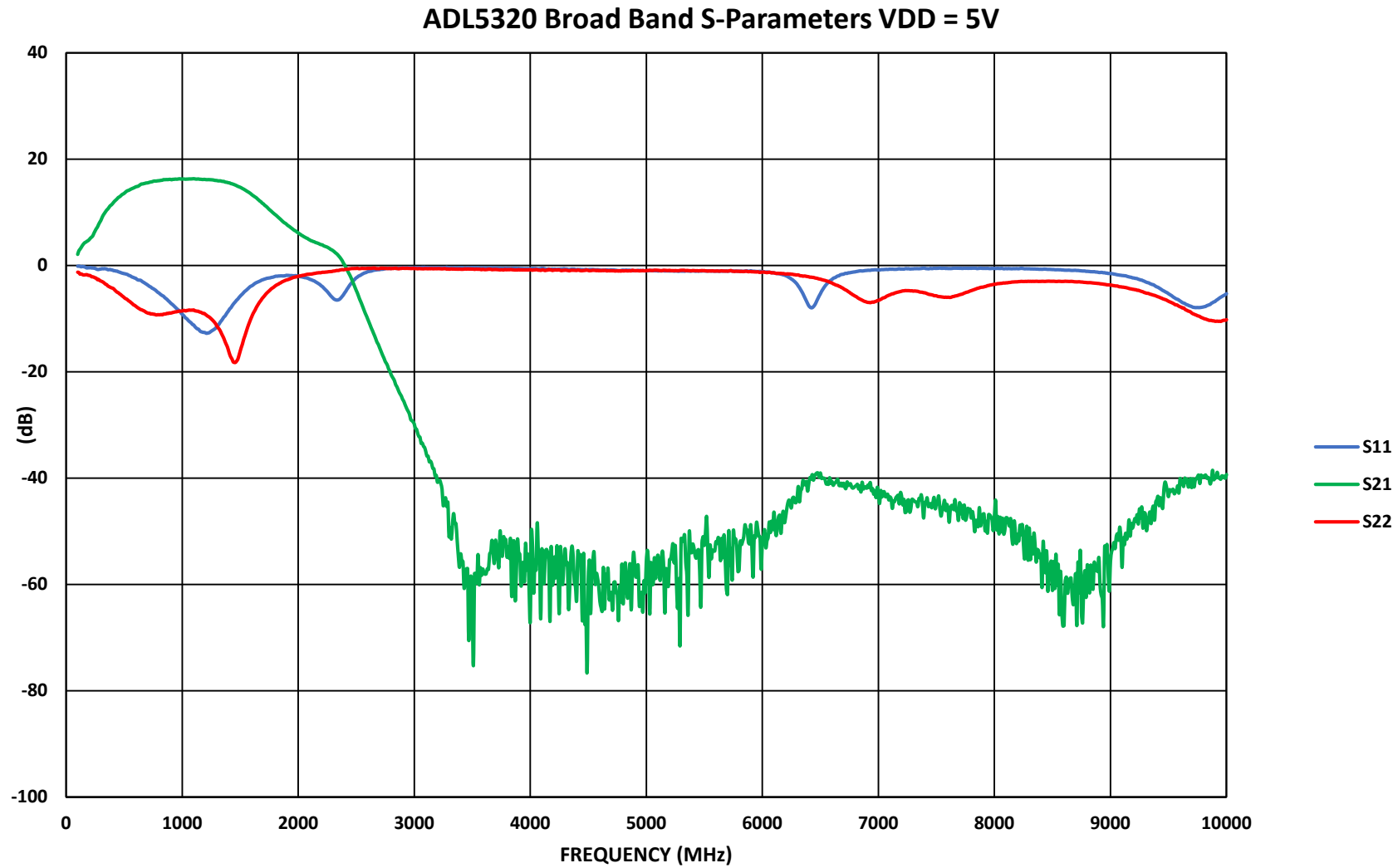


# ADL5320 950 MHz – 1250 MHz Tuning

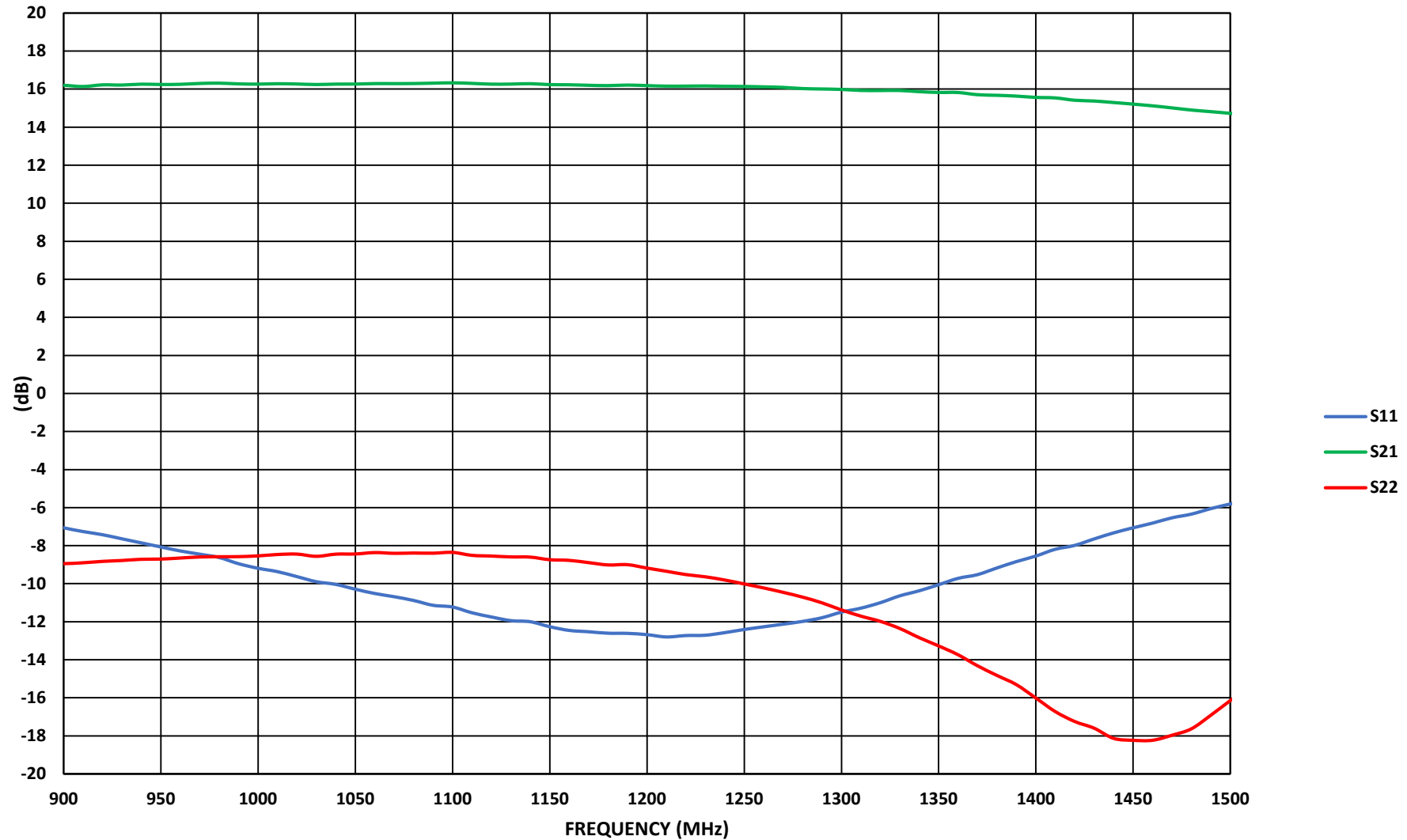


# Broadband S-Parameters VDD = 5V

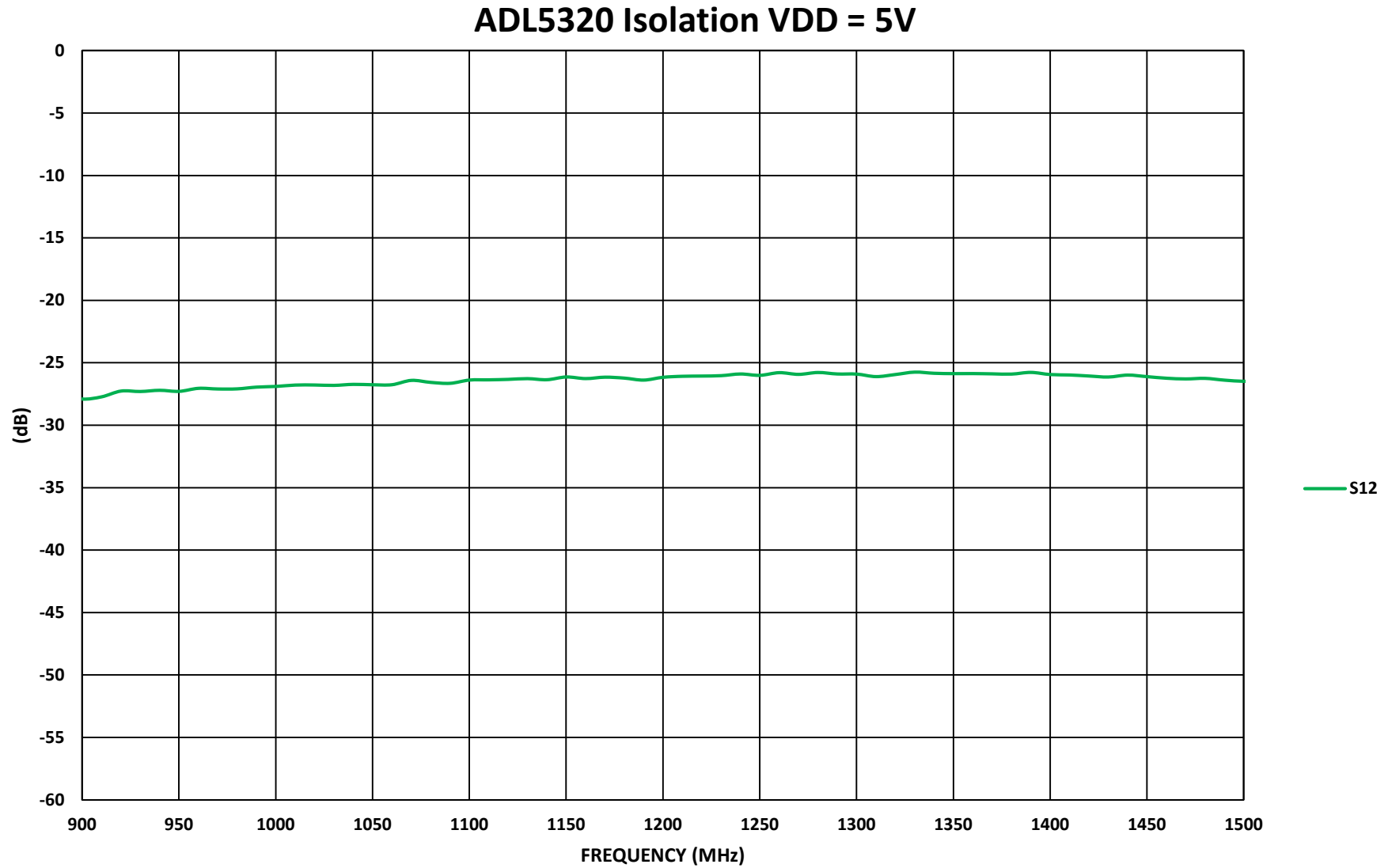


# S-Parameters VDD = 5V

ADL5320 S-Parameters VDD = 5V

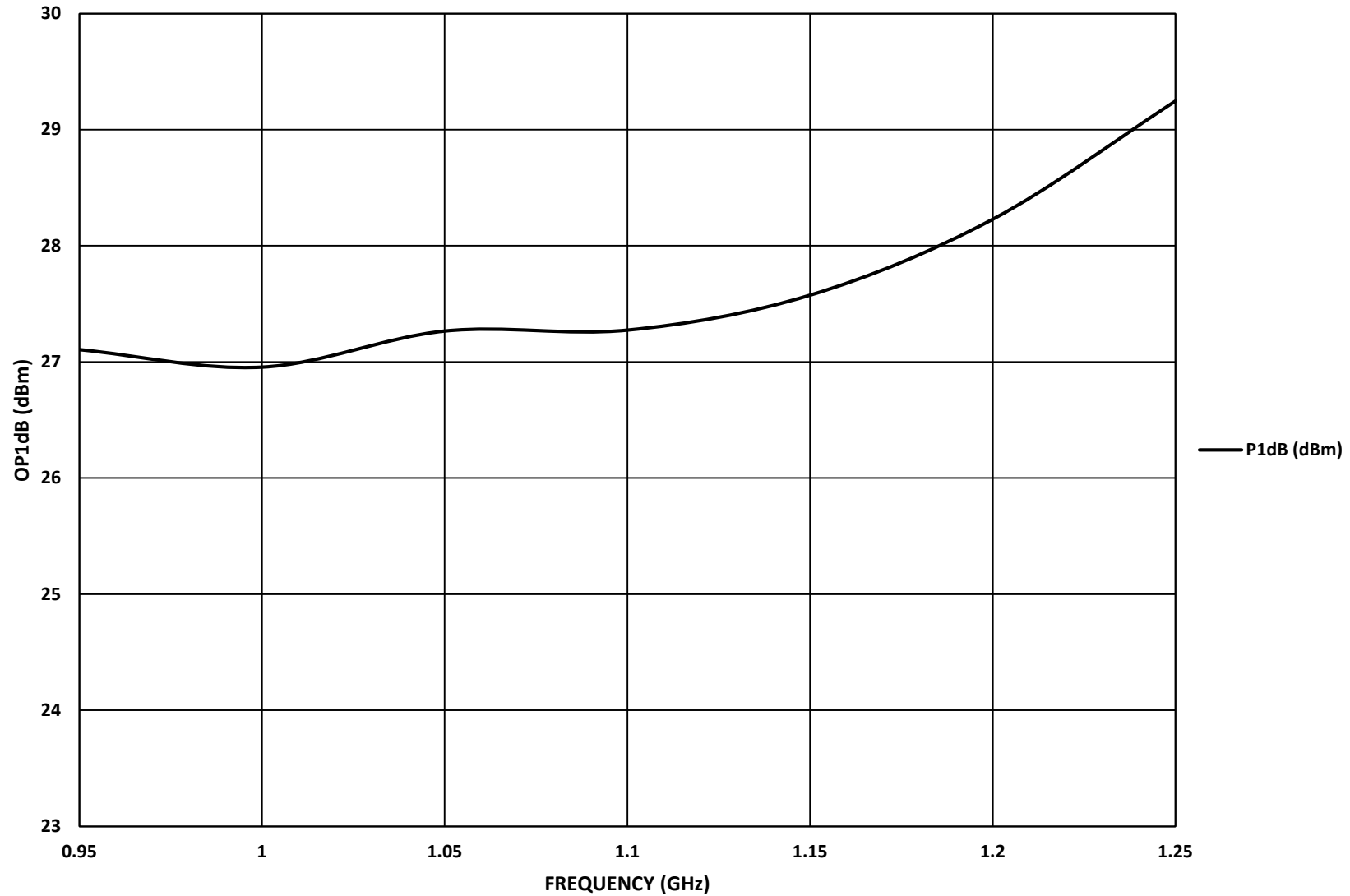


# Isolation $V_{DD} = 5V$



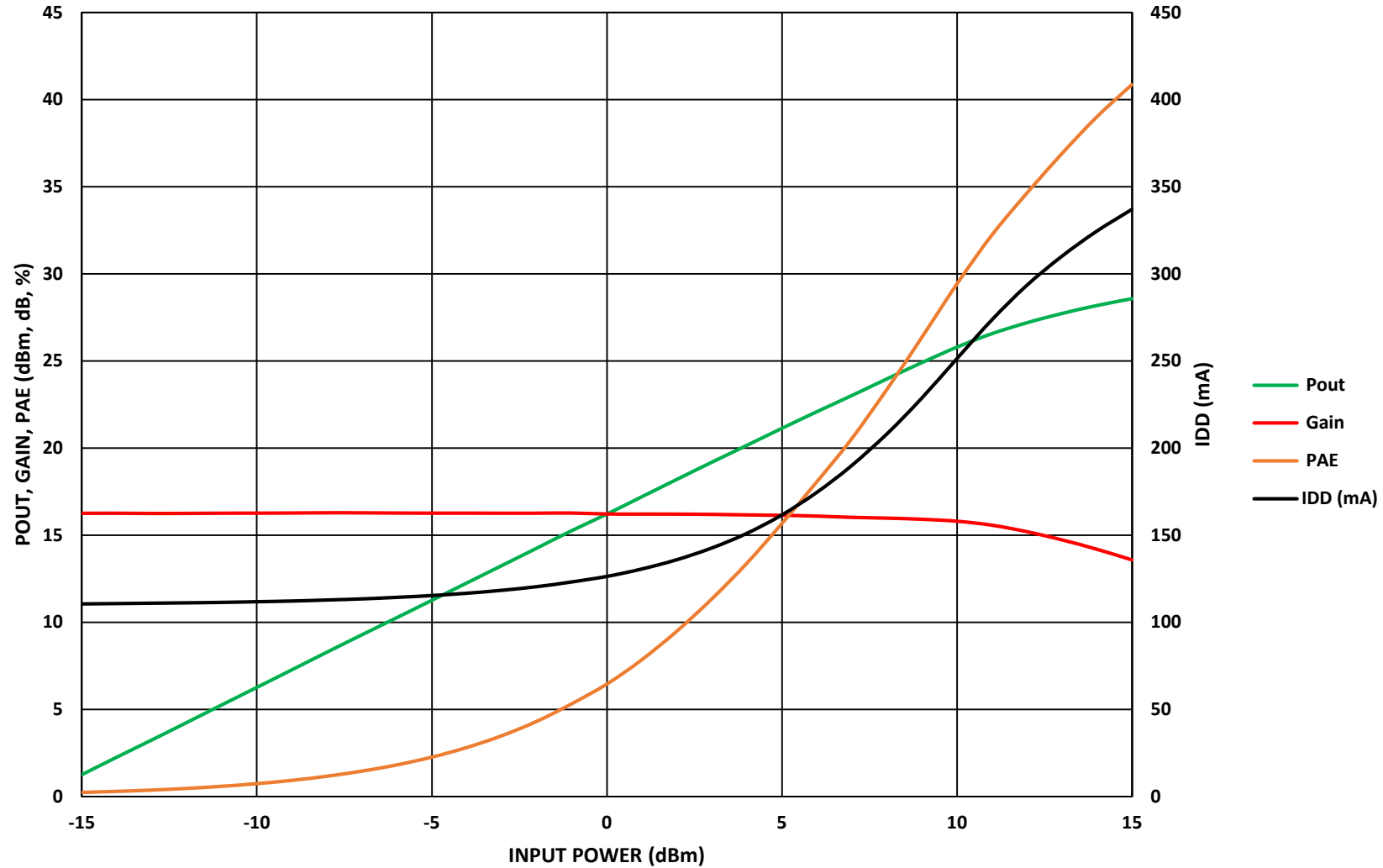
# P1dB VDD = 5V

ADL5320 950 MHz - 1.25 GHz Tuning, VDD = 5V



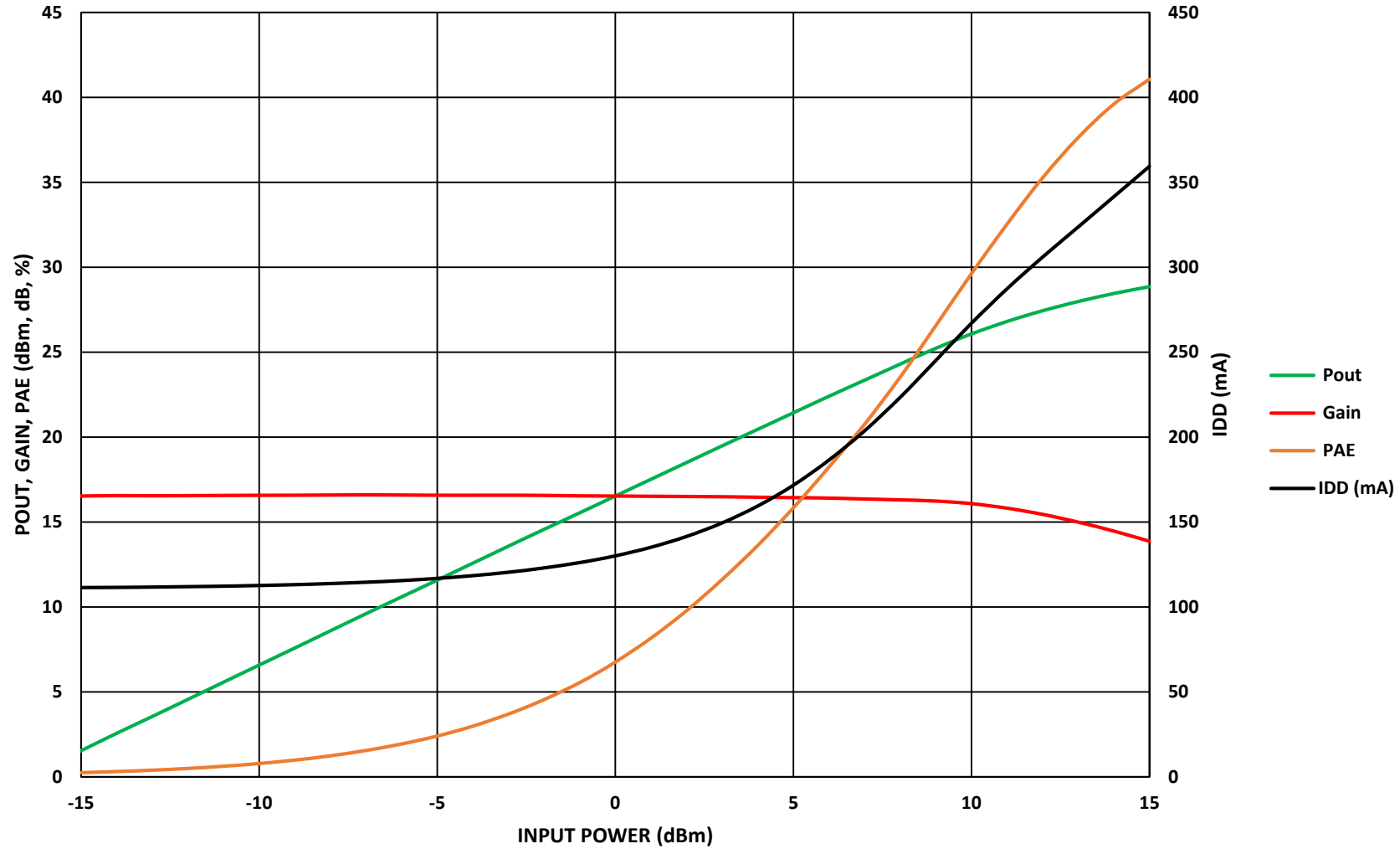
# VDD = 5V

ADL5320 950 MHz, VDD = 5 V



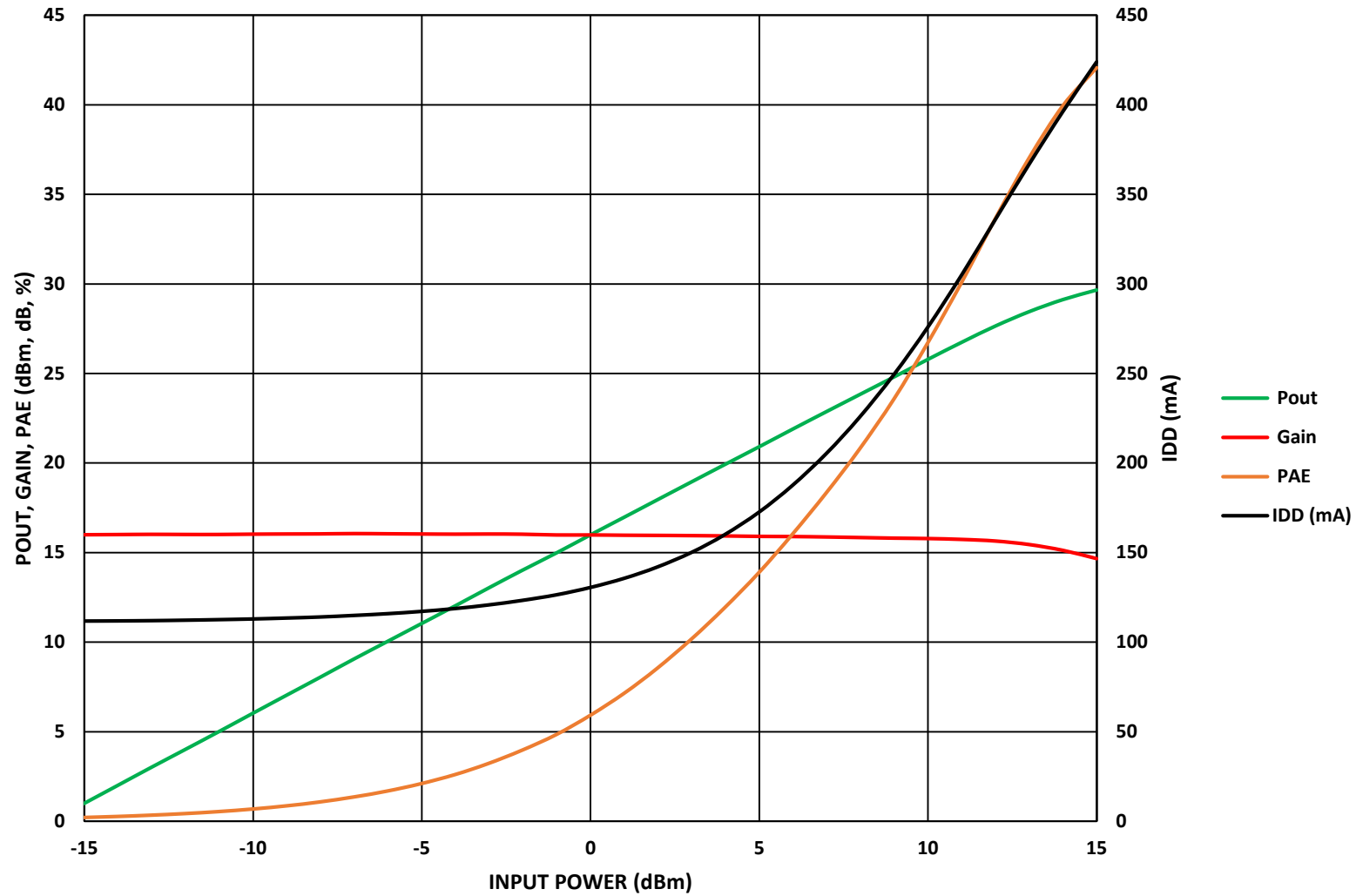
# VDD = 5V

### ADL5320 1100 MHz, VDD = 5 V



# VDD = 5V

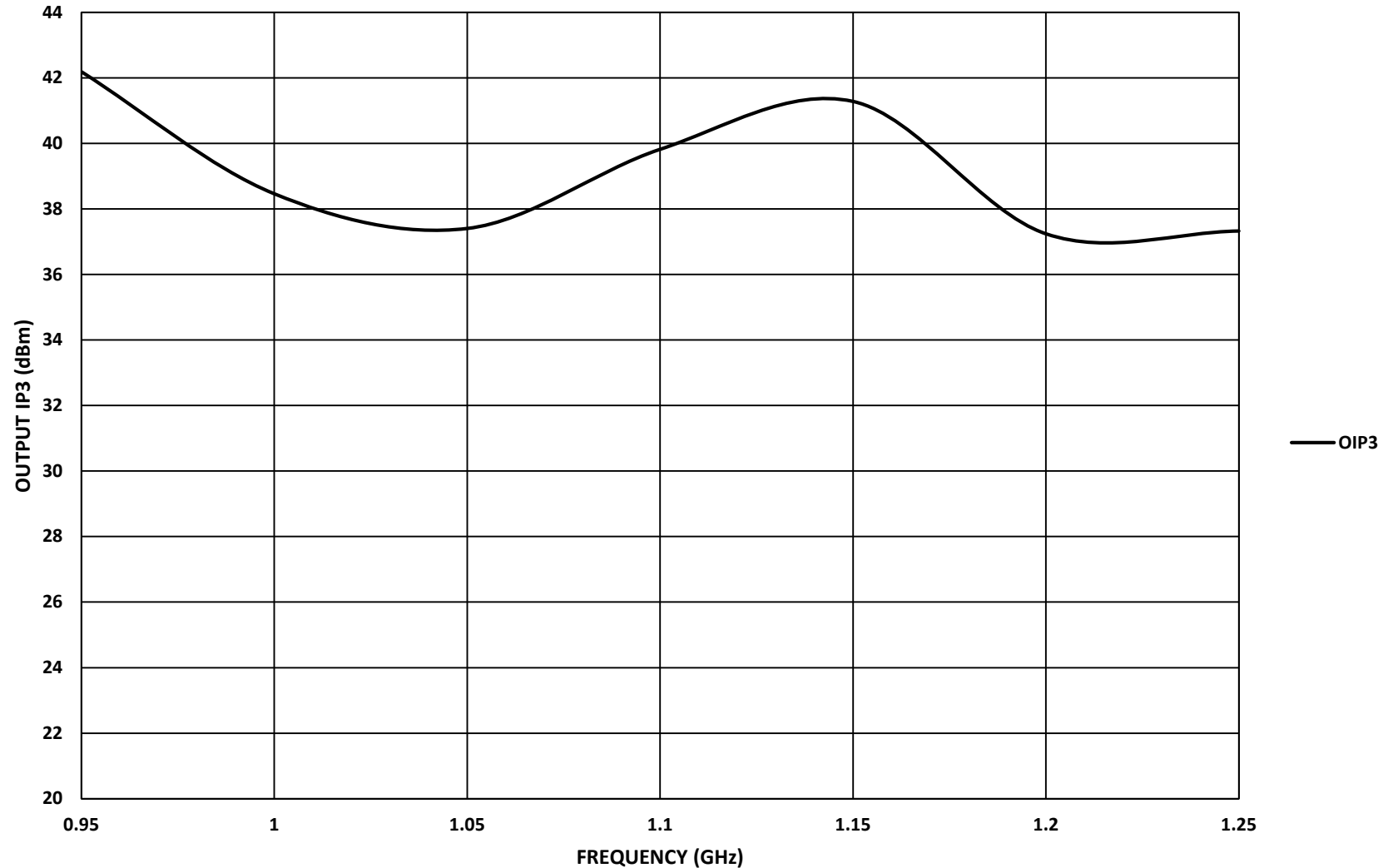
### ADL5320 1250 MHz, VDD = 5 V



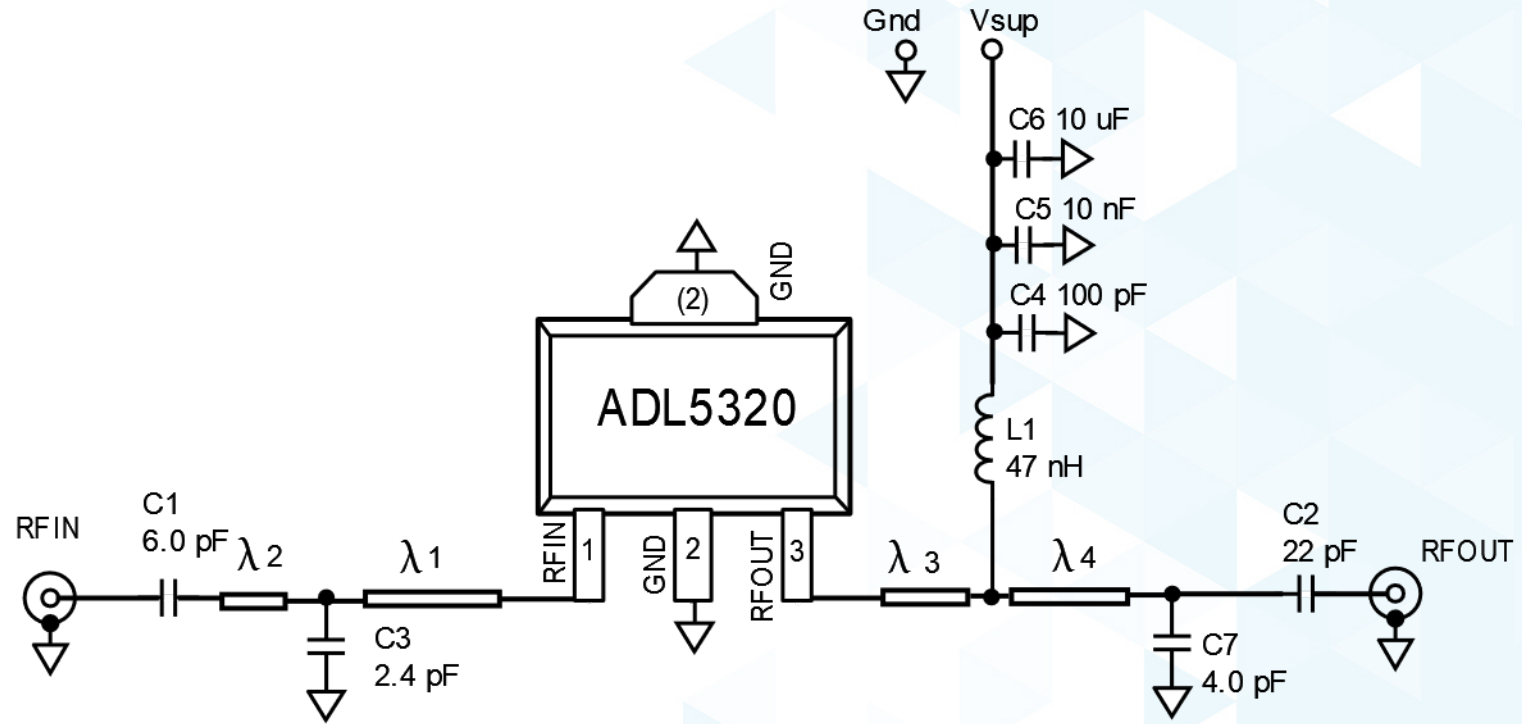


# IP3, Pout 10 dBm per Tone, VDD = 5V

ADL5320 950 MHz - 1250 MHz, VDD = 5V



# Schematic



Frequency (MHz)	$\lambda 1$ (mils)	$\lambda 2$ (mils)	$\lambda 3$ (mils)	$\lambda 4$ (mils)
950-1250 MHz	270	145	75	192

# Evaluation Board Component Placement and BOM

Ref	Value	MFG
DUT	ADL5320	Analog Devices
C1	6 pF	Murata GJM15 series
C3	2.4 pF	Murata GJM15 series
C7	4pF	Murata GJM15 series
C4	10uF	Panasonic
C5	10 nF	Panasonic
C6	100 pF	Panasonic
C2	22pF	Panasonic
L1	47 nH	Coilcraft 0603CS

