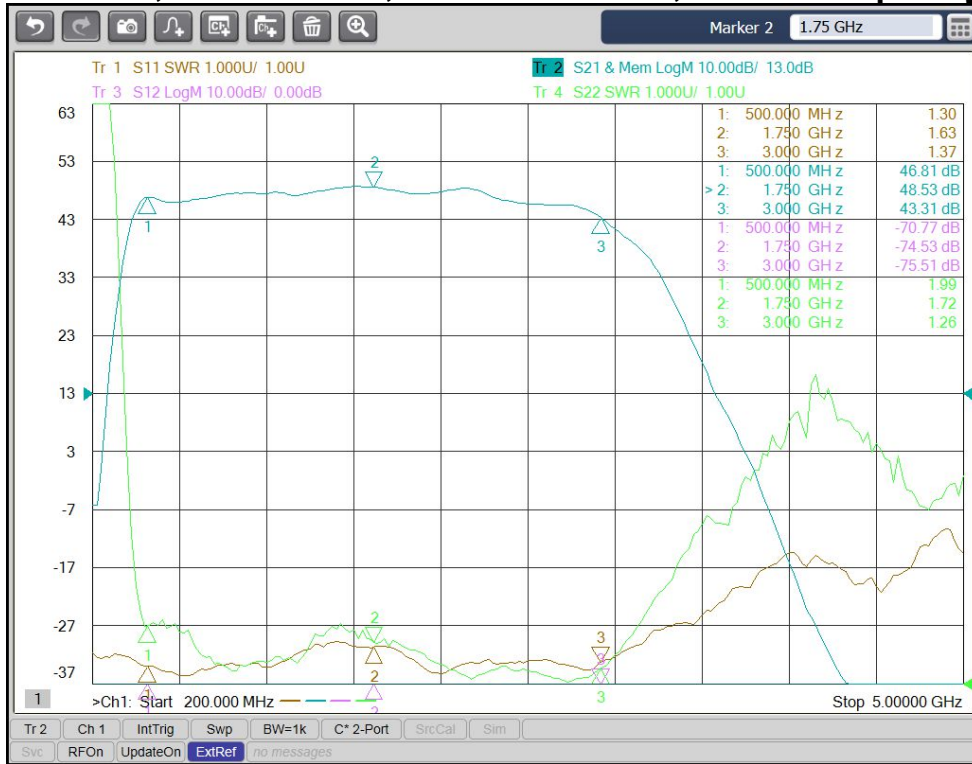
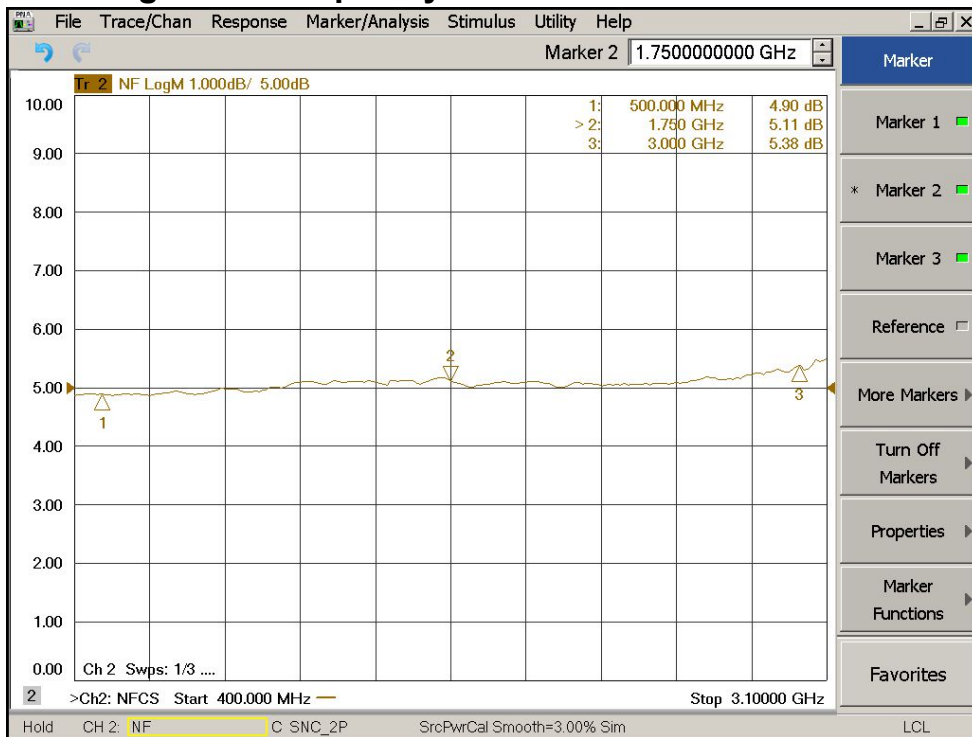


Gain S21, Isolation S12, Return Loss S11, S22 vs Frequency



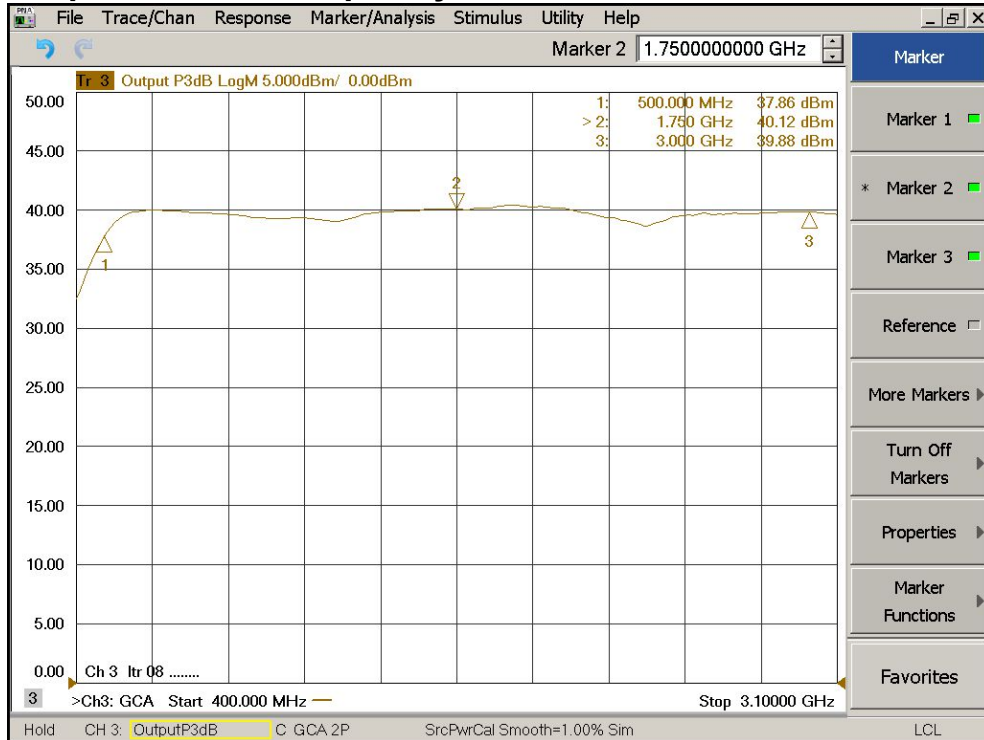
Noise Figure vs Frequency



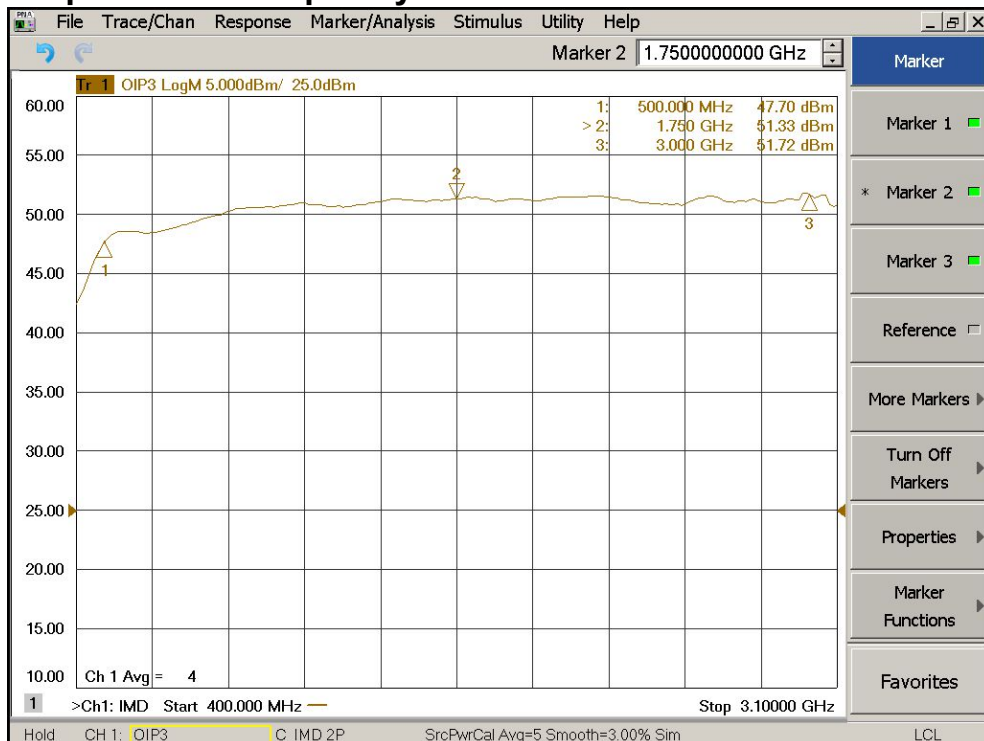
HPA Series

500 - 3000MHz 10W RF Power Amplifier

Output P3dB vs Frequency



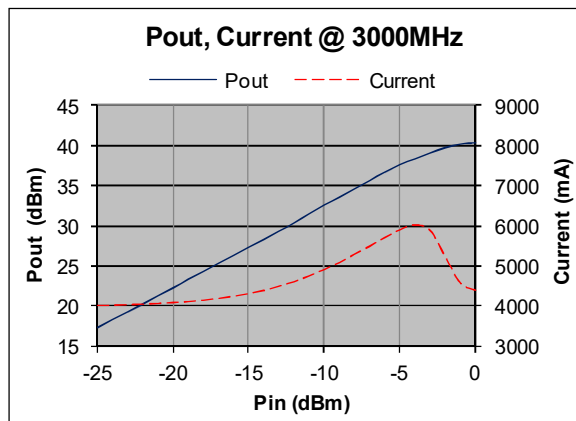
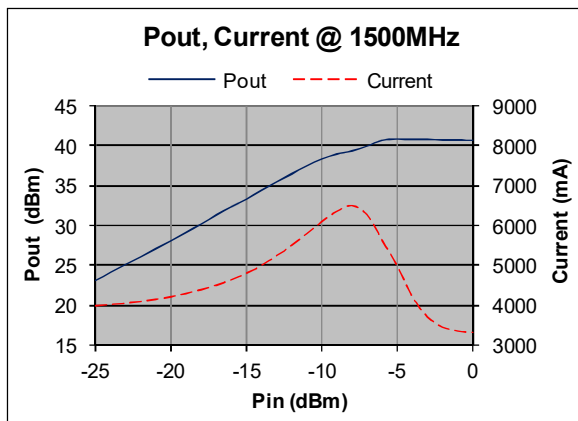
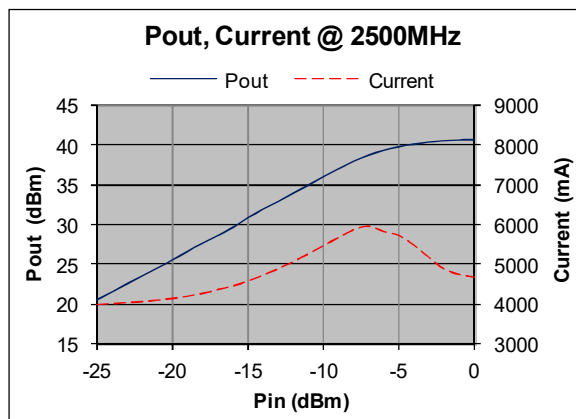
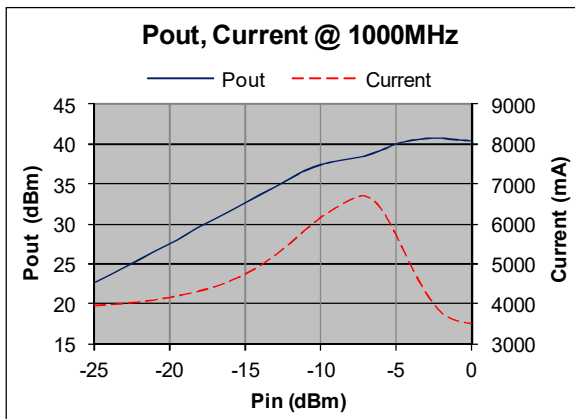
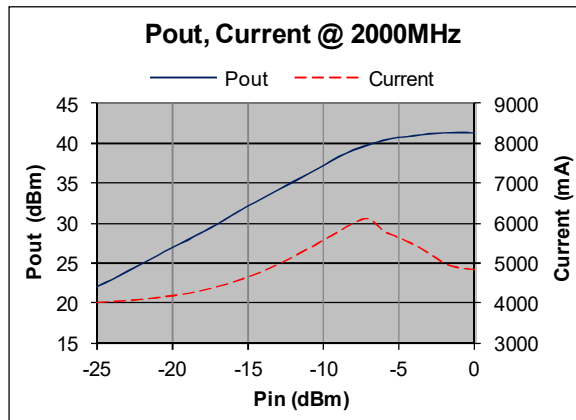
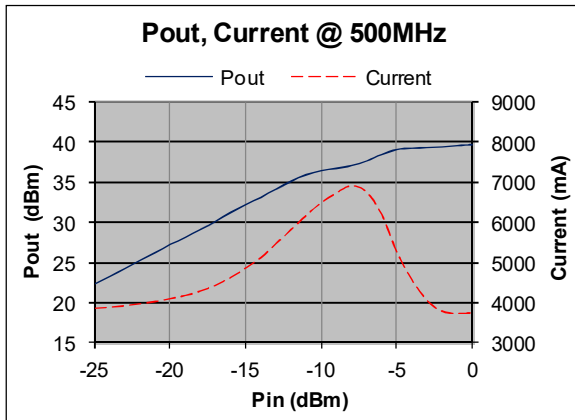
Output IP3 vs Frequency



HPA Series

500 - 3000MHz 10W RF Power Amplifier

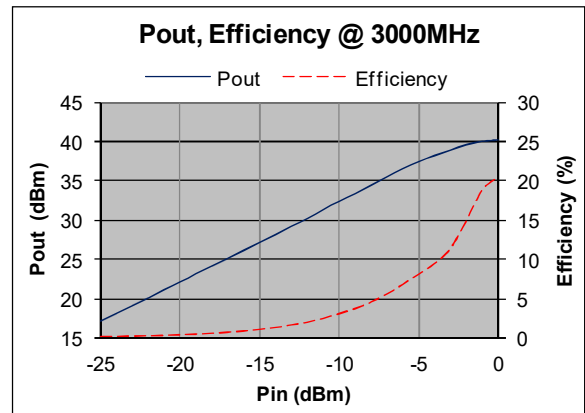
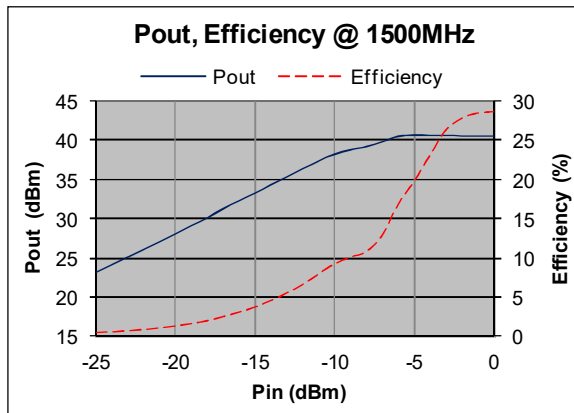
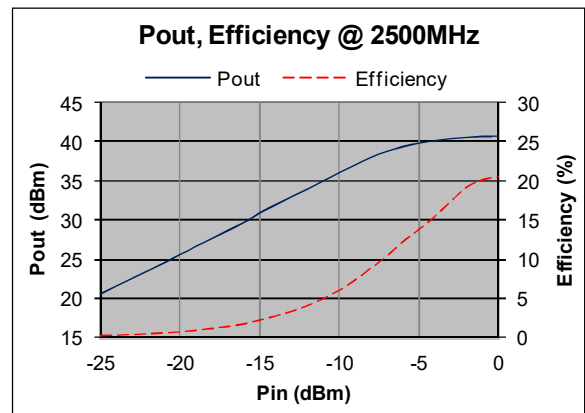
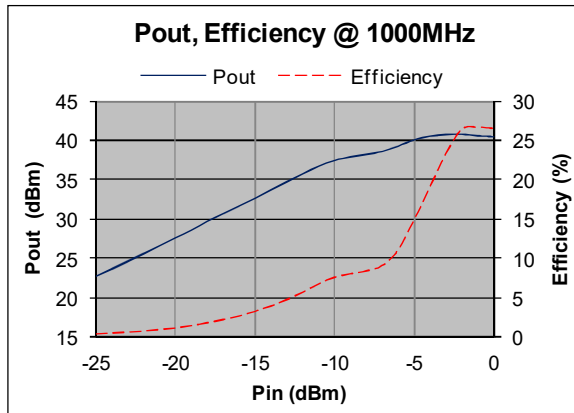
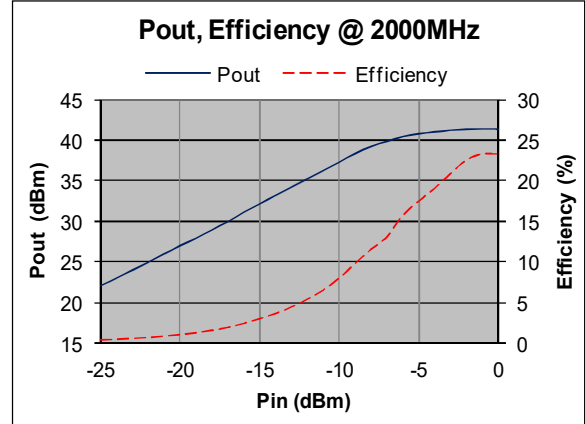
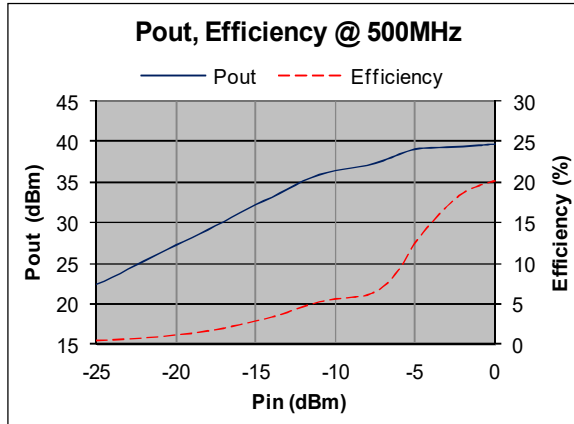
Typical Performance @ +25 °C



HPA Series

500 - 3000MHz 10W RF Power Amplifier

Typical Performance @ +25 °C



HPA Series

500 - 3000MHz 10W RF Power Amplifier

Absolute Maximum Ratings

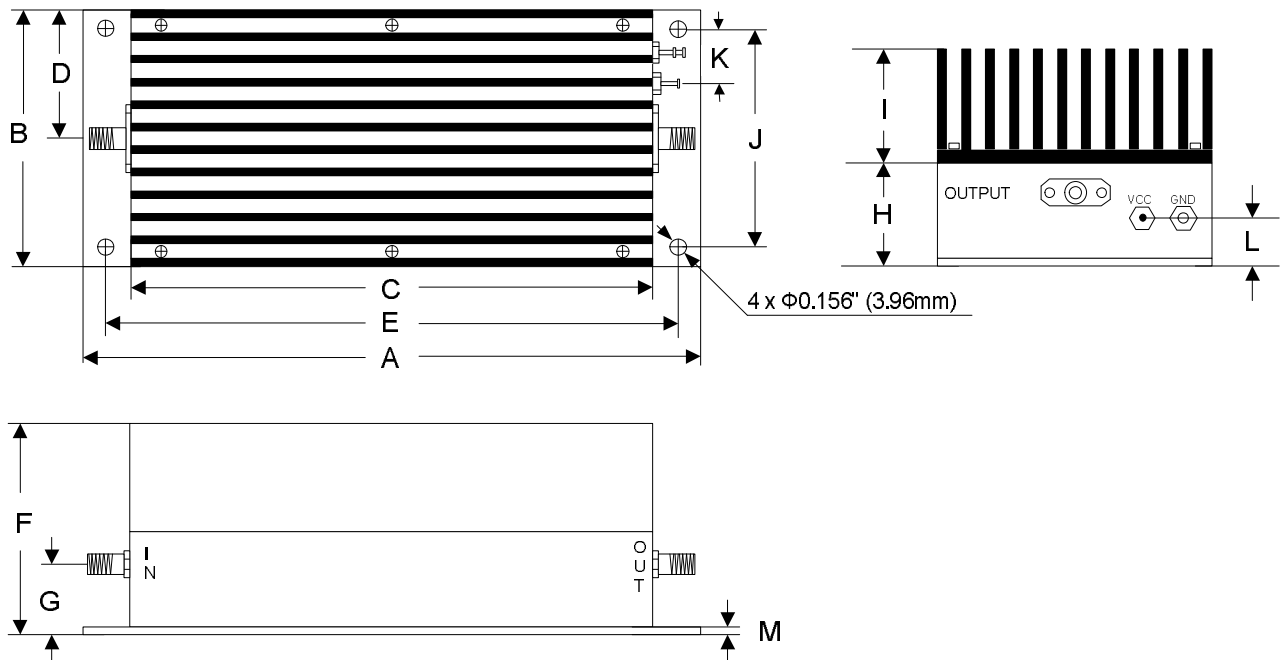
Parameter	Absolute Maximum
Supply Voltage	+16V
RF Input Power	+5dBm
Operating Temperature	-30 °C to +65 °C
Storage Temperature	-55 °C to +125 °C

ESD Sensitive Material



**WARNING: MUST KEEP CASE TEMPERATURE NOT EXCEED 65 °C
USING FAN TO COOL DOWN HEATSINK IS REQUIRED**

Outline



	A	B	C	D	E	F	G	H	I
Inch	7.000	3.250	6.000	1.625	6.500	2.000	0.650	1.000	1.000
mm	177.80	82.55	152.40	41.28	165.10	50.80	16.51	25.40	25.40
	J	K	L	M					
Inch	2.750	0.625	0.450	0.090					
mm	69.85	15.88	11.43	2.29					