

PDE 1AG RF Detector

13 dBm DC TO 18 GHz

www.ParsRF.com

Product Overview

Maximum input power: 13 dBm

Input resistance : 50Ω

Output resistance: 1 KΩ

Lowest detectable pulse width: 100 nSec

Highest detectable pulse width: Continuous Wave (CW)

Detection Type: Negative

Input connector: SMA

Output connector: SMA

Body dimension: 13*9*9 (mm)



Frequency response Curves

frequency(GHz)	input power(dBm)				
	-5	-3	0	5	10
1	183	291	529	284	608
3	4,3	14	58,7	208	516,7
5	8,4	25	84,7	265,3	586,7
8	24,3	56,7	136,3	340	806,7
10	8,6	25,1	83,3	252	593,3
12	17,7	44,8	106,7	312	724,3
15	30,6	67,7	156,7	386,7	868,3
18	10	26,7	86,7	304	634,7

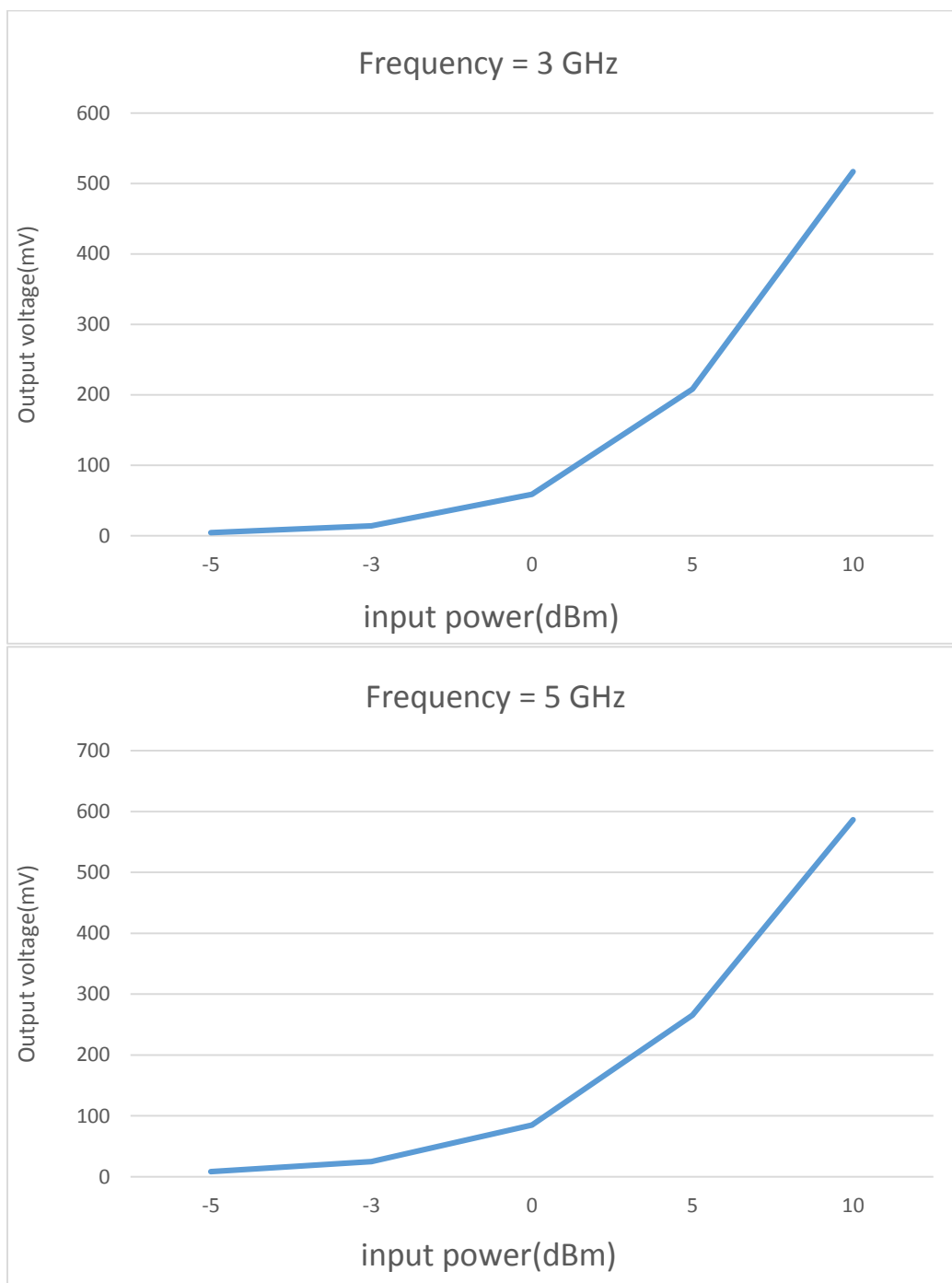
Color Guidance:

frequency(GHz)	input power(dBm)	Output voltage(mV)
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PDE ۱۸G RF Detector

۱۲ dBm DC TO ۱۸ GHz

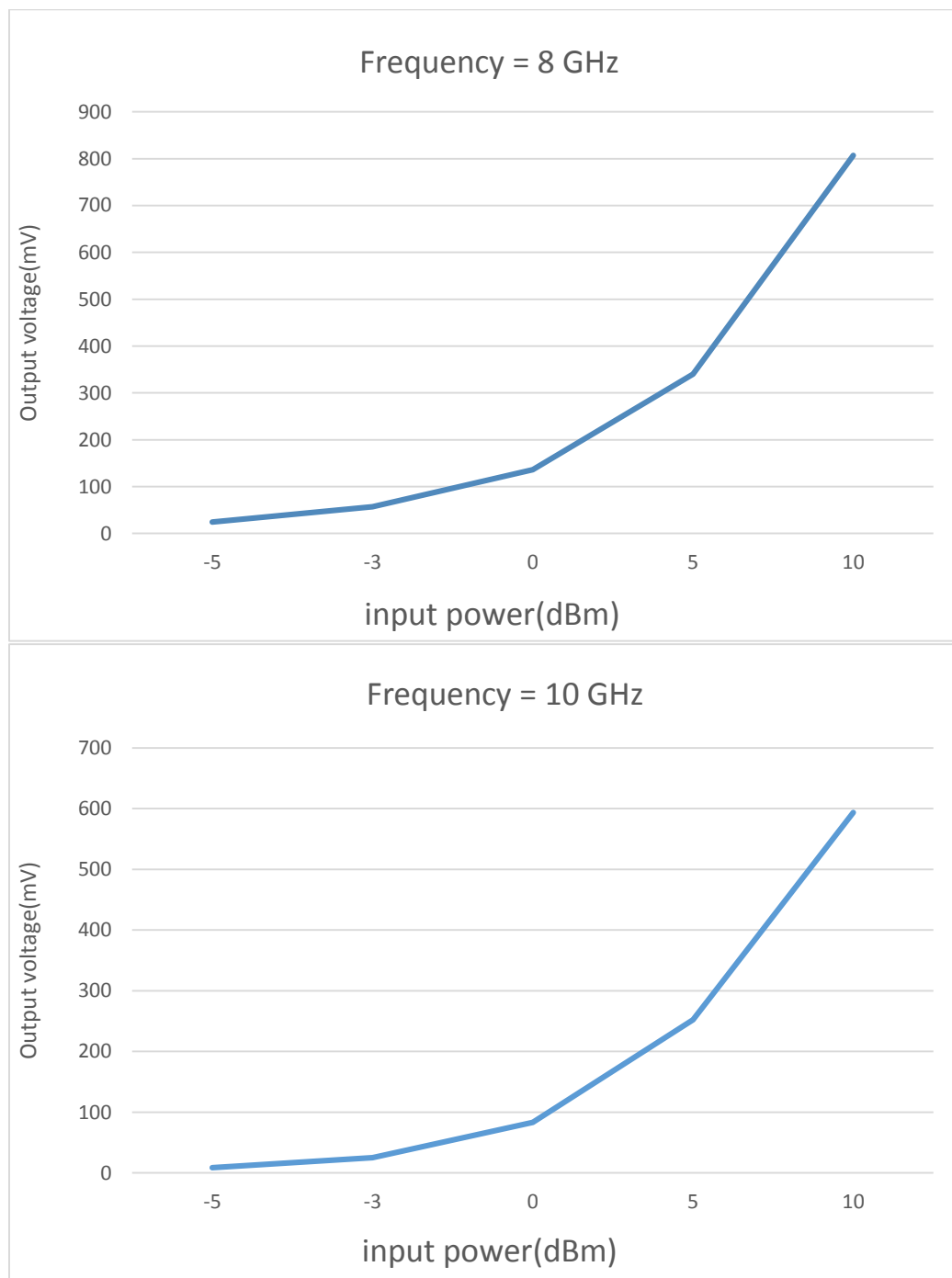
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PDE ۱۸G RF Detector

۱۲ dBm DC TO ۱۸ GHz

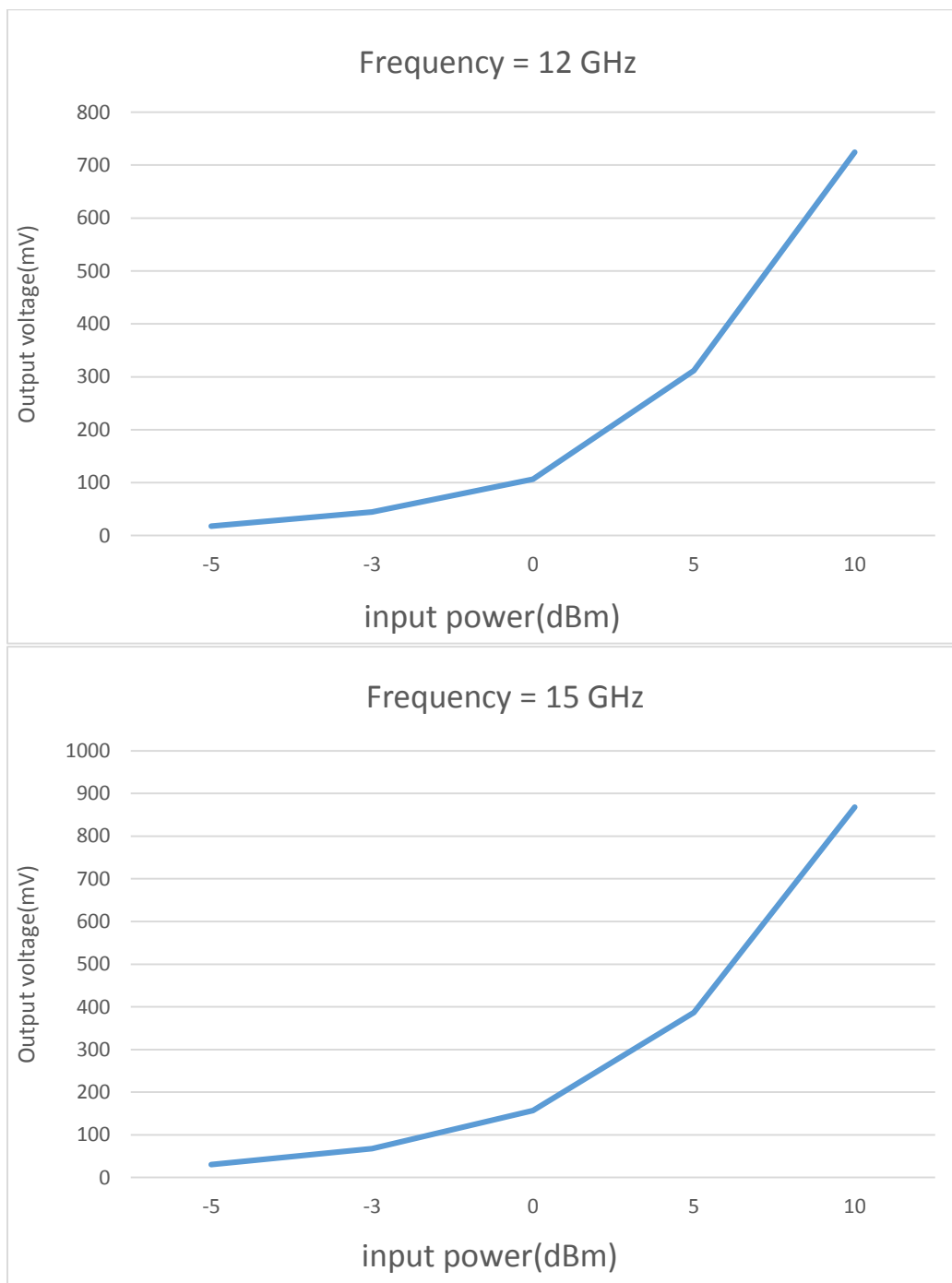
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PDE 18G RF Detector

۱۲ dBm DC TO ۱۸ GHz

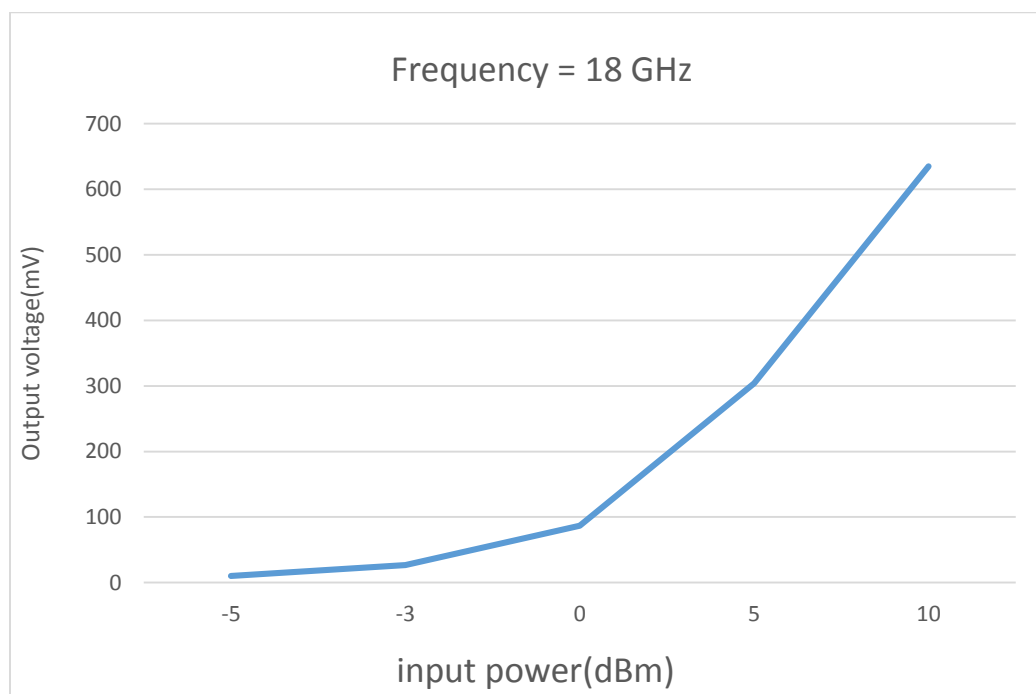
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۱۲ dBm DC TO ۱۸ GHz

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Order Part number: PDE۱۸G •

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