

Amplifier

AMP-25G

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 15V	DIRECTIVITY (dB) 15V	VSWR IN (:1) 15V	VSWR OUT (:1) 15V	NOISE FIGURE (dB) 15V	Pout at 1dB Comp. (dBm) 15V	FREQUENCY (MHz)	Output IP3 (dBm) 15V
10.0	21.36	2.94	1.22	1.03	3.37	11.65	10.0	26.90
15.0	21.34	2.96	1.22	1.03	3.18	11.73	20.0	26.75
20.0	21.33	2.95	1.22	1.03	3.11	11.74	50.0	26.39
25.0	21.33	2.98	1.22	1.03	3.08	11.79	100.0	26.99
28.0	21.33	2.99	1.22	1.03	3.05	11.79	200.0	27.04
30.0	21.33	2.98	1.22	1.03	3.04	11.79	500.0	28.00
50.0	21.29	3.07	1.22	1.04	3.02	12.21	800.0	30.32
100.0	21.19	3.20	1.23	1.05	3.02	12.33	1000.0	30.26
200.0	20.88	3.60	1.25	1.08	2.95	12.21	1200.0	30.35
500.0	20.21	4.06	1.17	1.13	3.03	12.19	1400.0	29.94
800.0	19.80	4.31	1.40	1.04	2.85	12.95	1800.0	29.45
1000.0	19.09	5.45	1.44	1.06	2.83	12.80	2000.0	28.76
1200.0	18.48	6.52	1.42	1.05	2.77	12.72	2200.0	27.35
1250.0	18.34	6.78	1.40	1.05	2.78	12.68	2400.0	25.47
1300.0	18.21	6.96	1.39	1.04	2.75	12.66	2500.0	24.40
1400.0	17.98	7.51	1.36	1.02	2.75	12.73		
1600.0	17.60	8.34	1.28	1.02	2.77	12.80		
1800.0	17.33	9.24	1.18	1.06	2.98	12.89		
2000.0	17.16	10.10	1.06	1.09	3.33	12.68		
2200.0	17.04	10.99	1.16	1.09	3.84	12.33		
2400.0	16.82	12.30	1.54	1.09	4.35	11.42		
2500.0	16.56	13.43	1.90	1.20	4.60	10.51		

REV. X1
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