

Amplifier

RAMP-33LN+

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB)		DIRECTIVITY (dB)		VSWR IN (:1)		VSWR OUT (:1)		Output IP3 (dBm)		NOISE FIGURE (dB)		Pout at 1dB Comp. (dBm)	
	3V	5V	3V	5V	3V	5V	3V	5V	3V	5V	3V	5V	3V	5V
50.0	21.81	22.12	5.64	5.60	1.94	1.94	1.33	1.34	28.00	31.36	1.17	1.41	15.79	16.48
100.0	21.81	22.16	5.03	4.95	1.90	1.93	1.16	1.19	28.42	31.66	0.89	0.95	15.98	16.60
200.0	21.71	22.07	4.96	4.95	1.91	1.95	1.09	1.15	28.92	32.07	1.67	1.65	15.90	16.61
300.0	21.48	21.82	5.22	5.30	1.92	1.96	1.08	1.17	28.92	32.20	1.00	1.10	15.92	16.53
400.0	21.17	21.48	5.62	5.81	1.95	1.99	1.09	1.20	28.71	32.13	0.92	1.01	16.01	16.71
500.0	20.75	21.03	6.17	6.50	1.97	2.02	1.12	1.24	28.47	32.19	1.05	1.08	15.91	16.69
600.0	20.24	20.49	6.85	7.37	2.03	2.08	1.14	1.27	28.39	32.19	1.04	1.14	15.88	16.64
700.0	19.76	20.00	7.36	7.96	1.72	1.79	1.16	1.24	28.44	31.43	1.42	1.45	15.86	16.62
800.0	19.43	19.62	7.72	8.55	1.90	1.97	1.15	1.29	28.63	31.47	1.02	1.10	15.92	16.65
900.0	19.15	19.30	7.88	8.93	1.91	1.97	1.15	1.28	28.90	31.24	0.97	1.02	15.77	16.57
1000.0	18.73	18.85	8.31	9.54	1.94	2.00	1.16	1.30	29.08	31.08	1.38	1.33	15.64	16.43
1500.0	16.73	16.73	9.79	11.63	1.88	1.94	1.24	1.40	29.43	29.63	0.91	1.01	15.42	16.13
2000.0	15.11	14.99	10.30	12.28	1.70	1.76	1.32	1.49	30.40	28.68	1.05	1.20	15.67	16.25
2500.0	13.63	13.50	11.15	13.06	1.54	1.59	1.41	1.58	30.40	27.87	1.35	1.52	16.09	16.44
3000.0	12.69	12.54	10.69	12.30	1.59	1.68	1.39	1.58	30.24	27.40	1.41	1.58	16.64	17.15

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