

Typical Performance Data

Frequency (MHz)	Gain	Isolation	Return Loss (dB)		P _{OUT} @ 1dB Compression	P _{OUT} @ 3dB Compression	P _{OUT} @ Saturation	OIP3	Noise Figure
	(dB)	(dB)	IN	OUT	(dBm)	(dBm)	(dBm)	(dBm)	(dB)
	28V	28V	28V	28V	28V	28V	28V	28V	28V
20	51.07	82.32	23.77	7.23	40.05	41.93	42.73	47.67	11.32
50	49.98	84.62	25.21	6.81	39.90	42.15	43.08	47.83	11.03
100	50.47	100.27	26.00	5.98	39.60	41.90	43.05	47.53	10.62
150	50.49	99.39	26.80	5.61	39.53	42.09	43.62	48.00	10.54
200	50.49	93.67	27.04	5.44	39.00	41.61	43.40	47.44	10.60
250	50.52	94.76	27.26	5.35	39.23	42.01	44.00	47.65	10.36
300	50.49	95.87	27.48	5.24	38.72	41.64	43.93	47.41	10.29
350	50.24	96.75	27.06	5.60	38.58	41.61	44.17	47.33	10.27
400	50.00	103.63	26.37	5.11	38.45	41.70	44.83	47.42	10.20
450	49.91	100.74	25.46	5.10	38.52	41.92	44.89	47.48	10.15
500	49.81	100.60	24.70	5.08	38.66	42.37	45.31	47.97	10.14
550	49.85	100.57	23.73	5.06	38.63	42.56	45.45	47.35	10.08
600	49.99	94.78	23.09	5.07	38.73	43.05	45.38	48.30	10.08
650	50.23	95.59	22.23	5.10	38.98	43.54	45.32	48.30	10.11
700	50.40	99.92	21.66	5.35	38.97	43.79	44.98	47.58	10.12
750	50.45	94.95	21.22	5.54	39.12	43.98	44.94	48.32	9.99
800	50.55	95.47	20.62	5.97	39.10	43.85	44.71	47.55	10.04
850	50.51	95.67	20.53	6.80	39.28	44.06	44.57	48.78	10.03
900	50.40	94.15	20.26	7.82	39.37	44.12	44.64	48.11	10.03
950	50.51	101.83	19.94	8.80	39.38	44.00	44.39	49.05	9.90
1000	50.62	93.21	19.92	10.04	39.51	43.93	44.56	48.14	9.99
1050	50.75	98.49	19.50	11.28	39.53	43.79	44.37	49.59	9.98
1100	50.87	101.17	19.38	12.58	39.65	43.56	44.36	48.45	10.00
1150	50.93	93.00	19.25	13.78	39.87	43.68	44.49	49.87	9.94
1200	50.90	95.83	19.42	14.91	40.24	44.02	45.03	48.40	9.93
1250	50.78	98.95	20.11	15.90	40.23	44.02	45.37	51.39	9.96
1300	50.55	94.47	21.09	17.07	40.27	44.08	45.91	48.32	9.91
1400	50.55	101.82	22.29	15.73	39.94	44.32	45.86	48.56	9.87
1500	50.80	93.63	21.07	13.09	39.96	44.36	45.38	48.64	9.85
1600	50.95	95.44	20.37	10.39	40.19	44.59	45.08	48.95	9.91
1700	50.67	91.13	21.56	8.67	40.29	44.76	44.91	48.99	9.84
1800	50.29	99.18	24.33	7.79	39.94	44.23	44.75	49.08	9.96
1900	49.95	96.74	26.40	7.69	39.56	43.89	44.43	48.85	9.91
2000	49.89	97.93	23.68	7.69	39.55	43.86	43.98	49.31	9.98
2100	50.02	94.67	21.42	7.54	39.82	43.74	43.76	49.45	10.00
2200	50.41	99.35	21.90	7.85	40.44	43.97	44.01	49.79	10.05
2300	50.60	100.18	24.96	9.66	41.07	44.63	44.66	50.27	10.08
2400	50.09	96.43	26.47	14.11	40.97	45.02	45.29	50.12	9.99
2500	49.77	101.35	25.64	18.31	40.66	44.69	45.74	50.00	10.21
2600	50.30	94.08	24.74	17.62	40.35	44.33	45.70	49.33	10.28
2700	50.53	97.07	25.48	9.44	39.74	43.72	45.06	47.17	10.23