

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)			(dBm)	(dBm)	(dBm)	(dBm)	(dB)
	28V	28V	IN 28V	OUT 28V	28V	28V	28V	28V	28V
10	53.43	66.32	14.81	9.95	39.48	39.81	41.07	45.05	10.80
50	51.95	97.68	23.08	13.18	39.71	40.16	40.79	45.53	9.95
100	51.54	103.37	23.42	8.61	39.86	40.43	41.28	45.18	9.66
150	51.49	94.61	23.59	7.35	39.61	40.20	41.06	44.40	9.67
200	51.67	95.41	23.29	7.05	40.18	40.82	41.58	44.66	9.76
250	52.11	98.23	23.47	7.06	39.91	40.47	42.05	44.63	9.70
300	52.56	102.48	22.72	6.98	40.24	40.81	41.84	44.26	9.66
350	52.76	110.45	21.74	6.83	40.36	40.93	42.26	44.77	9.53
400	52.70	107.47	20.63	6.86	40.13	40.72	42.00	44.60	9.70
450	52.59	104.47	19.83	6.68	40.50	41.17	41.64	44.44	9.54
500	52.53	103.86	19.37	6.51	40.46	41.08	41.91	44.69	9.72
550	52.44	105.97	19.10	6.54	40.75	41.45	41.61	44.78	9.59
600	52.21	102.22	18.88	6.62	40.73	41.40	41.59	44.88	9.39
650	51.99	100.94	18.74	6.92	40.78	41.53	41.56	44.95	9.50
700	52.01	99.88	19.18	7.18	41.20	41.94	42.04	45.27	9.45
750	51.96	100.21	20.64	7.40	41.38	42.19	42.68	45.47	9.35
800	52.16	101.88	23.29	7.81	41.42	42.29	42.42	45.59	9.41
850	52.37	103.16	25.95	7.85	41.58	42.35	42.32	45.60	9.30
900	52.16	97.14	24.94	8.04	41.42	41.80	41.81	45.84	9.40
950	52.20	96.94	23.79	8.16	41.44	41.74	41.90	46.12	9.31
1000	52.37	100.88	23.10	8.43	41.36	41.69	42.08	45.88	9.32
1050	52.47	93.86	24.25	8.97	41.19	41.20	42.54	46.05	9.33
1100	52.41	91.52	25.43	9.67	41.05	40.97	42.12	46.63	9.18
1150	52.12	91.59	25.61	10.69	41.09	40.98	42.26	47.21	9.37
1200	51.79	91.57	24.21	11.79	41.11	41.03	41.94	46.99	9.37
1250	51.59	93.93	24.07	12.80	40.84	41.34	41.66	46.41	9.43
1300	51.63	89.60	25.43	13.17	40.42	41.51	41.77	47.38	9.37
1350	51.97	93.05	29.63	13.43	40.28	41.22	42.10	47.55	9.48
1400	52.34	89.55	30.45	13.60	40.59	41.53	42.21	47.70	9.44
1450	52.79	87.90	25.04	14.14	41.16	42.11	42.51	47.92	9.41
1500	52.82	90.54	23.06	15.47	41.49	42.27	42.64	48.18	9.41
1550	52.55	88.40	23.62	17.86	42.04	42.18	42.88	48.32	9.54
1600	52.21	87.51	26.87	19.78	42.28	42.41	43.20	48.32	9.49
1650	51.84	88.33	31.53	21.51	42.30	42.91	43.55	48.32	9.44
1700	51.68	95.25	31.17	22.69	42.33	43.06	43.92	47.97	9.47
1750	51.72	88.53	28.88	24.08	42.31	43.49	43.82	48.03	9.63
1800	51.83	87.98	30.34	27.09	42.43	43.37	43.72	47.16	9.50
1850	51.89	89.01	36.05	25.22	42.01	42.94	43.44	47.11	9.66
1900	51.74	87.66	39.83	20.77	41.98	42.92	42.60	45.80	9.64
1950	51.62	90.15	33.66	17.97	41.06	41.80	42.25	45.69	9.61
2000	51.47	87.93	31.57	16.46	40.99	41.78	42.10	45.23	9.70