

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
10	54.23	64.48	22.52	12.60	40.05	41.56	41.56	41.16	11.37
50	52.50	79.59	27.66	7.12	40.09	42.26	43.21	44.33	10.57
100	52.46	87.68	29.03	6.08	39.66	42.02	43.25	43.47	10.28
150	52.30	82.04	30.54	5.76	39.32	41.87	43.40	42.92	10.18
200	52.28	85.61	30.62	5.56	39.47	42.16	44.01	43.28	10.06
250	52.54	80.19	30.83	5.57	38.83	41.63	43.73	42.15	9.98
300	53.04	88.08	30.77	5.53	38.86	41.90	44.28	41.94	9.93
350	53.40	80.86	30.47	5.90	38.93	42.13	44.59	42.10	9.90
400	53.29	83.52	29.22	5.84	38.58	41.98	44.77	41.81	9.88
450	53.35	81.64	27.62	5.71	38.73	42.32	45.22	42.23	9.81
500	53.07	82.53	26.24	5.91	38.80	42.66	45.13	42.63	9.78
550	52.77	83.54	25.00	6.19	38.86	42.85	45.02	42.80	9.78
600	52.50	80.89	23.97	6.52	38.79	42.89	44.85	42.84	9.77
650	52.35	83.43	23.06	6.93	38.90	43.23	44.75	43.23	9.74
700	52.36	85.05	22.32	7.61	39.55	43.94	45.04	44.04	9.76
750	52.33	86.71	21.77	8.38	39.65	44.12	45.01	44.16	9.75
800	52.65	83.85	21.37	8.74	39.91	44.53	44.88	44.42	9.71
850	52.99	82.52	20.95	9.90	40.66	45.02	45.42	44.98	9.72
900	53.18	85.34	20.53	11.10	40.57	44.92	45.41	44.72	9.68
950	53.46	85.49	20.18	12.20	40.96	45.06	45.81	44.99	9.65
1000	53.59	85.72	19.78	13.26	40.87	44.76	46.03	44.85	9.65
1050	53.59	87.00	19.36	13.74	40.76	44.67	45.66	44.62	9.64
1100	53.56	84.70	19.01	13.42	40.59	44.49	45.45	44.32	9.67
1150	53.47	88.85	18.86	12.81	40.16	43.99	45.13	43.32	9.63
1200	53.36	90.52	19.03	11.77	39.76	43.35	45.01	42.58	9.65
1250	53.20	87.14	19.75	10.99	39.47	43.00	44.74	42.21	9.66
1300	53.02	85.28	20.81	10.48	39.41	43.07	44.67	42.09	9.63
1350	52.96	86.92	21.92	10.01	39.57	43.52	44.98	42.53	9.67
1400	52.81	81.58	21.93	9.95	39.93	43.89	44.86	42.87	9.64
1450	52.86	83.36	20.78	9.22	40.12	44.22	45.01	42.92	9.63
1500	52.89	82.53	19.62	8.95	40.22	44.34	44.89	42.71	9.64
1550	53.00	84.46	18.63	8.92	41.02	44.78	45.21	43.24	9.62
1600	53.15	87.00	18.36	9.18	40.78	44.49	44.87	42.74	9.67
1650	53.31	84.62	18.48	9.92	40.93	44.24	44.62	42.82	9.66
1700	53.53	82.11	19.12	10.97	41.50	44.76	45.04	43.36	9.64
1750	53.66	81.03	19.84	12.73	41.17	44.69	44.93	43.33	9.74
1800	53.69	82.00	20.05	15.44	41.11	44.83	45.06	43.61	9.73
1850	53.65	87.74	19.89	18.97	41.45	44.97	45.77	44.64	9.84
1900	53.47	82.76	19.38	24.37	41.67	45.25	45.89	44.79	9.79
1950	53.28	81.71	18.89	29.79	42.21	45.72	46.81	45.41	9.81
2000	52.81	85.96	18.50	22.08	41.78	45.46	46.76	44.89	9.79