

## Typical Performance Data

Frequency (MHz)	Small Signal Gain (dB)			Isolation (dB)			VSWR (:1)					
							In			Out		
	26V	28V	30V	26V	28V	30V	26V	28V	30V	26V	28V	30V
600	45.30	45.40	45.40	94.03	99.87	93.95	1.11	1.11	1.11	1.42	1.47	1.47
700	44.52	44.64	44.65	92.32	97.69	93.05	1.21	1.21	1.21	1.43	1.48	1.48
800	44.05	44.17	44.17	93.01	96.32	95.12	1.38	1.38	1.38	1.48	1.52	1.52
900	44.25	44.36	44.36	91.63	94.40	92.73	1.46	1.46	1.46	1.51	1.55	1.55
1000	44.89	44.98	44.96	90.37	90.56	89.43	1.46	1.46	1.46	1.58	1.62	1.62
1100	45.26	45.34	45.31	88.05	90.69	90.06	1.44	1.44	1.44	1.55	1.60	1.60
1200	44.94	45.05	45.03	89.49	89.73	90.74	1.44	1.44	1.44	1.46	1.52	1.52
1300	44.25	44.37	44.38	87.65	89.15	90.62	1.42	1.41	1.41	1.43	1.48	1.48
1400	43.68	43.81	43.82	93.00	90.66	92.34	1.33	1.33	1.33	1.52	1.55	1.55
1500	43.73	43.86	43.87	88.76	92.22	89.75	1.21	1.21	1.21	1.69	1.72	1.72
1600	44.02	44.13	44.12	89.53	90.88	91.43	1.07	1.07	1.07	1.80	1.83	1.83
1700	44.35	44.45	44.43	86.29	87.16	89.66	1.07	1.07	1.07	1.85	1.88	1.88
1800	44.55	44.64	44.61	84.70	88.13	86.80	1.17	1.17	1.17	1.90	1.92	1.92
1900	44.42	44.50	44.47	87.16	85.87	86.93	1.23	1.23	1.23	1.90	1.93	1.93
2000	44.13	44.21	44.18	87.24	87.69	87.49	1.28	1.28	1.28	1.86	1.88	1.88
2100	43.75	43.82	43.78	84.89	85.19	87.35	1.36	1.36	1.36	1.80	1.83	1.83
2200	43.54	43.60	43.56	87.05	87.80	87.77	1.46	1.46	1.46	1.75	1.77	1.77
2300	43.57	43.64	43.59	85.22	85.60	87.61	1.59	1.59	1.58	1.70	1.72	1.72
2350	43.72	43.78	43.73	87.13	86.99	88.98	1.66	1.66	1.66	1.68	1.69	1.69
2400	43.94	44.00	43.94	85.23	85.62	86.52	1.74	1.74	1.74	1.65	1.66	1.66
2450	44.23	44.29	44.23	84.43	85.58	86.67	1.83	1.83	1.83	1.62	1.63	1.63
2500	44.56	44.62	44.57	84.36	84.53	86.13	1.91	1.92	1.92	1.58	1.59	1.59
2550	44.90	44.97	44.92	83.70	84.85	84.33	1.99	1.99	2.00	1.54	1.55	1.55
2600	45.20	45.28	45.24	83.70	85.10	86.02	2.06	2.06	2.06	1.49	1.51	1.51
2700	45.49	45.61	45.61	82.18	85.17	85.37	2.16	2.16	2.16	1.41	1.43	1.43
2800	45.36	45.54	45.58	83.38	83.99	84.96	2.21	2.20	2.19	1.38	1.40	1.40
2900	44.87	45.09	45.17	84.58	84.05	84.89	2.14	2.14	2.13	1.39	1.40	1.40
3000	44.33	44.56	44.65	82.78	84.01	85.39	1.97	1.97	1.97	1.40	1.41	1.41
3100	43.94	44.17	44.26	83.91	86.07	85.29	1.77	1.77	1.77	1.41	1.41	1.41
3200	43.76	43.99	44.06	84.89	86.08	85.95	1.60	1.61	1.61	1.38	1.39	1.39
3300	43.66	43.88	43.94	85.49	87.15	87.47	1.50	1.51	1.50	1.32	1.33	1.33
3400	43.67	43.88	43.94	84.87	85.44	86.96	1.46	1.46	1.46	1.29	1.29	1.29
3500	43.74	43.94	43.99	85.31	87.06	87.20	1.43	1.43	1.42	1.25	1.25	1.25
3600	43.92	44.12	44.17	85.64	86.74	87.85	1.35	1.35	1.35	1.25	1.25	1.25
3700	44.21	44.40	44.45	85.71	86.01	87.60	1.24	1.24	1.24	1.25	1.25	1.25
3800	44.45	44.65	44.70	85.75	87.79	86.27	1.13	1.13	1.13	1.24	1.25	1.25
3900	44.77	44.99	45.06	84.85	85.94	85.19	1.08	1.08	1.08	1.19	1.21	1.21
4000	44.82	45.07	45.17	87.76	86.13	85.57	1.13	1.13	1.13	1.11	1.13	1.13
4100	44.49	44.72	44.82	85.16	85.29	87.47	1.17	1.17	1.17	1.12	1.12	1.12
4200	44.21	44.38	44.43	86.63	86.89	86.04	1.20	1.20	1.20	1.20	1.14	1.14

## Typical Performance Data

Frequency (MHz)	P <sub>OUT</sub> @ 1 dB Compression			P <sub>OUT</sub> @ 3 dB Compression			P <sub>OUT</sub> at Saturation		
	(dBm)			(dBm)			(dBm)		
	26V	28V	30V	26V	28V	30V	26V	28V	30V
600	37.82	34.98	36.57	37.41	37.16	38.02	37.90	37.89	38.57
700	37.36	35.25	36.35	37.02	36.86	37.62	37.84	37.89	38.52
800	37.62	35.54	36.67	37.53	37.35	38.14	37.90	37.93	38.53
900	37.66	35.64	36.76	37.73	37.53	38.35	37.95	37.93	38.60
1000	37.03	35.73	36.46	37.44	37.27	38.04	37.98	38.01	38.68
1100	36.39	35.32	35.94	37.03	36.96	37.65	37.61	37.69	38.32
1200	36.41	35.04	35.86	36.81	36.67	37.39	37.76	37.79	38.44
1300	36.39	35.30	36.05	37.01	36.83	37.57	37.62	37.62	38.25
1400	35.19	34.81	35.25	36.28	36.18	36.84	37.30	37.31	37.89
1500	35.13	34.60	35.09	36.75	36.65	37.28	37.50	37.52	38.08
1600	35.45	34.78	35.37	36.80	36.65	37.31	37.78	37.76	38.36
1700	34.61	34.41	34.85	36.35	36.28	36.95	36.91	36.91	37.50
1800	34.02	34.11	34.49	35.90	35.95	36.59	37.16	37.25	37.82
1900	33.97	33.86	34.42	35.88	35.93	36.64	36.63	36.72	37.34
2000	33.38	33.42	33.96	35.38	35.38	36.05	36.20	36.28	36.93
2100	32.56	32.99	33.40	34.81	34.89	35.52	35.60	35.70	36.30
2200	32.23	32.79	33.29	34.16	34.37	35.06	35.38	35.51	36.13
2300	31.28	31.86	32.46	33.35	33.59	34.37	34.91	35.04	35.67
2350	31.01	31.57	32.07	33.07	33.21	33.90	33.98	34.11	34.75
2400	31.15	31.68	32.11	33.43	33.45	34.03	34.72	34.77	35.35
2450	31.26	31.79	32.17	33.55	33.54	34.05	35.01	34.94	35.42
2500	31.12	31.63	32.03	33.25	33.26	33.78	35.17	35.14	35.58
2550	30.84	31.37	31.72	33.14	33.18	33.70	35.42	35.48	35.94
2600	30.96	31.59	31.93	33.24	33.32	33.84	35.18	35.34	35.90
2700	30.94	31.70	32.04	33.37	33.58	34.12	35.59	35.86	36.47
2800	30.84	31.71	32.21	32.98	33.58	34.35	35.13	35.42	36.07
2900	30.33	31.39	32.05	32.40	33.11	34.10	35.22	35.48	36.17
3000	29.68	30.63	31.29	31.74	32.05	33.20	34.99	35.29	35.97
3100	30.08	30.78	31.08	32.32	32.09	32.49	34.30	34.48	35.14
3200	30.35	30.97	31.16	33.00	32.81	32.93	34.79	34.75	35.21
3300	30.49	31.41	31.67	33.08	33.25	33.54	34.79	34.86	35.27
3400	30.46	31.63	31.93	33.48	33.85	34.32	34.57	34.75	35.21
3500	30.66	31.75	32.21	33.03	33.51	34.10	34.54	34.77	35.26
3600	30.72	31.82	32.42	32.82	33.34	34.09	34.47	34.75	35.29
3700	29.95	31.22	31.83	32.61	33.11	33.85	34.36	34.78	35.43
3800	29.53	30.86	31.51	32.57	32.94	33.60	33.89	34.37	35.08
3900	29.67	30.80	31.47	32.58	32.83	33.38	33.51	33.74	34.42
4000	29.24	30.34	30.95	32.85	33.02	33.41	34.45	34.51	34.92
4100	29.41	30.69	31.24	32.83	33.16	33.58	34.57	34.72	35.13
4200	29.14	30.37	30.91	32.80	33.12	33.53	34.77	34.97	35.34

## Typical Performance Data

Frequency (MHz)	OIP3 (dBm)			Noise Figure (dB)		
	26V	28V	30V	26V	28V	30V
	600	46.83	47.09	47.69	5.68	5.69
700	46.60	46.94	47.57	5.60	5.57	5.65
800	46.94	47.16	47.75	5.49	5.47	5.52
900	46.92	47.20	47.83	5.50	5.49	5.53
1000	46.99	47.35	47.79	5.47	5.46	5.53
1100	46.49	46.70	47.24	5.50	5.48	5.53
1200	46.16	46.49	46.98	5.47	5.44	5.48
1300	46.08	46.38	46.79	5.50	5.46	5.51
1400	45.89	46.19	46.66	5.43	5.42	5.49
1500	45.91	46.18	46.65	5.43	5.45	5.49
1600	46.21	46.50	46.78	5.44	5.44	5.47
1700	45.90	46.16	46.66	5.41	5.42	5.46
1800	45.65	45.92	46.32	5.39	5.38	5.42
1900	45.38	45.63	46.10	5.38	5.38	5.45
2000	44.89	45.14	45.72	5.55	5.53	5.58
2100	44.36	44.63	45.15	5.51	5.49	5.52
2200	43.91	44.19	44.76	5.46	5.46	5.48
2300	43.32	43.72	44.21	5.56	5.52	5.57
2350	43.30	43.56	44.07	5.55	5.51	5.58
2400	43.18	43.46	43.85	5.58	5.53	5.60
2450	43.04	43.26	43.67	5.60	5.52	5.58
2500	42.90	43.15	43.59	5.61	5.55	5.62
2550	43.08	43.28	43.65	5.58	5.52	5.56
2600	43.11	43.40	43.73	5.68	5.65	5.73
2700	43.11	43.49	43.82	5.71	5.66	5.71
2800	43.03	43.82	44.35	5.60	5.59	5.64
2900	42.70	43.71	44.47	5.69	5.67	5.71
3000	41.74	42.70	43.81	5.73	5.72	5.75
3100	41.56	42.37	43.29	5.63	5.60	5.66
3200	41.87	42.21	42.81	5.70	5.67	5.76
3300	42.34	42.74	43.13	5.87	5.87	5.98
3400	42.46	43.08	43.52	5.75	5.77	5.84
3500	42.35	43.12	43.79	5.80	5.82	5.90
3600	42.28	43.18	43.99	5.95	5.96	6.04
3700	41.73	42.82	43.69	6.02	6.03	6.10
3800	41.38	42.71	43.78	6.33	6.29	6.41
3900	40.93	42.16	43.31	6.36	6.30	6.36
4000	40.70	41.78	42.95	6.27	6.23	6.29
4100	40.97	41.87	42.99	6.21	6.17	6.24
4200	40.72	41.50	42.42	6.20	6.16	6.21