

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
10	44.36	44.56	44.51	90.89	82.66	89.36	1.12	1.13	1.12	1.36	1.39	1.44
50	43.03	43.18	43.08	92.85	94.14	89.22	1.15	1.15	1.15	1.47	1.49	1.52
100	42.83	42.97	42.85	102.64	100.28	96.72	1.18	1.18	1.18	1.26	1.27	1.28
200	43.79	43.92	43.80	98.34	105.30	100.37	1.19	1.19	1.19	1.21	1.22	1.23
300	44.69	44.81	44.70	103.11	98.25	92.58	1.20	1.20	1.20	1.34	1.36	1.38
400	45.03	45.14	45.05	97.18	96.68	100.11	1.21	1.21	1.21	1.43	1.46	1.49
500	44.79	44.90	44.83	95.07	94.89	98.48	1.20	1.20	1.20	1.44	1.47	1.51
600	44.51	44.61	44.58	91.34	92.80	95.76	1.18	1.18	1.18	1.49	1.54	1.58
700	43.95	44.03	44.04	99.62	97.43	95.55	1.15	1.15	1.15	1.48	1.54	1.58
800	43.35	43.42	43.46	94.61	92.56	97.74	1.13	1.13	1.13	1.48	1.54	1.59
900	43.21	43.31	43.35	94.24	94.44	94.95	1.15	1.15	1.15	1.45	1.51	1.56
1000	43.63	43.79	43.78	91.14	90.31	93.04	1.23	1.22	1.22	1.49	1.55	1.60
1100	44.21	44.41	44.37	90.13	90.57	91.05	1.31	1.31	1.31	1.51	1.57	1.62
1200	44.44	44.64	44.62	89.05	89.82	92.02	1.35	1.36	1.35	1.50	1.56	1.61
1300	44.12	44.33	44.32	88.70	89.79	93.07	1.36	1.37	1.37	1.51	1.56	1.61
1400	43.55	43.75	43.75	91.77	89.54	90.51	1.37	1.38	1.38	1.58	1.62	1.66
1500	43.29	43.49	43.49	89.82	89.59	90.77	1.40	1.40	1.40	1.75	1.78	1.81
1600	42.99	43.18	43.17	87.88	90.56	90.03	1.42	1.42	1.42	1.88	1.90	1.93
1700	42.83	43.00	42.99	91.58	91.94	91.60	1.40	1.40	1.40	1.98	2.00	2.01
1800	42.91	43.06	43.04	87.10	89.19	89.65	1.33	1.33	1.33	2.12	2.13	2.13
1900	43.09	43.22	43.20	87.28	88.46	88.69	1.23	1.23	1.23	2.22	2.22	2.22
2000	43.37	43.48	43.45	86.14	90.60	89.21	1.14	1.14	1.14	2.22	2.21	2.21
2100	43.64	43.74	43.70	84.91	86.03	86.92	1.11	1.11	1.11	2.15	2.15	2.15
2200	44.00	44.10	44.06	84.80	88.05	86.16	1.18	1.18	1.18	2.01	2.02	2.02
2300	44.31	44.43	44.38	83.11	86.09	83.95	1.26	1.26	1.26	1.81	1.84	1.85
2400	44.43	44.58	44.56	84.86	85.04	84.66	1.33	1.33	1.33	1.57	1.61	1.63
2500	44.30	44.49	44.50	84.22	85.29	84.08	1.40	1.41	1.41	1.35	1.39	1.41
2600	44.06	44.28	44.32	84.12	84.42	85.02	1.51	1.51	1.51	1.21	1.24	1.27
2700	43.73	43.98	44.03	84.21	84.65	86.18	1.64	1.64	1.64	1.23	1.24	1.25
2800	43.52	43.77	43.84	83.53	84.11	86.92	1.76	1.76	1.75	1.33	1.32	1.33
2900	43.37	43.62	43.67	84.70	86.51	85.24	1.81	1.81	1.80	1.42	1.42	1.42
3000	43.28	43.53	43.57	84.93	84.85	86.91	1.77	1.78	1.77	1.48	1.48	1.49
3100	43.24	43.49	43.50	84.42	87.22	86.57	1.67	1.69	1.68	1.51	1.52	1.53
3200	43.24	43.50	43.50	84.01	86.44	87.34	1.58	1.59	1.58	1.50	1.51	1.53
3300	43.14	43.42	43.41	85.22	86.89	86.74	1.51	1.52	1.51	1.46	1.47	1.49
3400	42.98	43.26	43.25	87.05	87.77	87.14	1.49	1.50	1.49	1.41	1.42	1.44
3600	43.20	43.46	43.48	83.47	89.07	85.33	1.39	1.40	1.39	1.29	1.30	1.31
3800	43.88	44.16	44.23	85.60	85.54	87.84	1.22	1.23	1.22	1.09	1.10	1.11
4000	43.89	44.20	44.33	87.74	88.32	87.84	1.11	1.12	1.11	1.15	1.12	1.10
4200	43.46	43.64	43.68	84.91	85.08	85.78	1.13	1.13	1.13	1.22	1.18	1.15

Typical Performance Data

Frequency (MHz)	P _{OUT} @ 1 dB Compression			P _{OUT} @ 3 dB Compression		
	(dBm)			(dBm)		
	26V	28V	30V	26V	28V	30V
10	34.67	34.92	35.05	35.97	36.39	36.58
50	33.49	33.74	33.91	35.54	35.78	35.94
100	33.23	33.48	33.64	35.24	35.46	35.61
200	33.48	33.74	33.92	35.29	35.54	35.72
300	33.68	33.96	34.20	35.53	35.81	36.02
400	33.68	33.97	34.24	35.60	35.88	36.11
500	33.62	33.96	34.27	35.64	35.92	36.14
600	33.55	33.92	34.25	35.69	35.97	36.19
700	33.53	33.93	34.25	35.76	36.02	36.24
800	33.66	34.02	34.36	35.82	36.07	36.27
900	33.61	34.01	34.32	35.89	36.14	36.36
1000	33.55	33.95	34.31	35.86	36.13	36.34
1100	33.43	33.87	34.20	35.77	36.05	36.27
1200	33.29	33.69	34.05	35.73	36.01	36.24
1300	33.33	33.76	34.06	35.67	35.93	36.16
1400	32.97	33.39	33.69	35.47	35.75	35.98
1500	33.11	33.53	33.84	35.50	35.77	36.01
1600	33.19	33.55	33.88	35.53	35.81	36.06
1700	33.03	33.42	33.75	35.46	35.76	36.02
1800	32.90	33.30	33.62	35.27	35.62	35.94
1900	32.38	32.86	33.19	34.81	35.18	35.51
2000	31.89	32.34	32.75	34.22	34.54	34.84
2100	31.56	32.02	32.40	33.84	34.20	34.51
2200	31.12	31.68	32.15	33.37	33.91	34.32
2300	30.63	31.22	31.74	32.76	33.28	33.76
2400	30.32	30.81	31.28	32.60	32.96	33.36
2500	29.76	30.26	30.73	32.38	32.72	33.05
2600	29.81	30.33	30.77	32.49	32.82	33.09
2700	30.47	30.93	31.31	32.94	33.29	33.55
2800	30.69	31.30	31.75	32.74	33.42	33.88
2900	29.83	30.63	31.30	31.55	32.57	33.38
3000	29.37	29.93	30.64	30.91	31.26	32.03
3100	29.78	30.04	30.41	31.61	31.60	31.77
3200	30.11	30.42	30.63	32.23	32.26	32.27
3300	30.29	30.67	30.89	32.91	33.08	33.01
3400	30.49	30.96	31.30	32.86	33.33	33.63
3600	30.15	30.77	31.32	32.26	32.98	33.59
3800	29.72	30.46	31.17	31.89	32.46	33.03
4000	29.74	30.32	30.90	32.24	32.52	32.78
4200	29.44	29.96	30.48	32.37	32.68	32.98

Typical Performance Data

Frequency (MHz)	OIP3 (dBm)			Noise Figure (dB)		
	26V	28V	30V	26V	28V	30V
	10	44.73	44.61	44.28	5.77	5.77
50	44.72	45.20	44.68	5.33	5.31	5.33
100	44.44	44.91	44.28	5.30	5.28	5.31
200	45.00	45.45	44.76	5.36	5.34	5.36
300	45.19	45.62	45.15	5.44	5.44	5.44
400	45.40	46.04	45.40	5.41	5.39	5.42
500	45.34	46.05	45.51	5.43	5.42	5.42
600	45.32	46.04	45.50	5.46	5.45	5.48
700	45.24	46.06	45.73	5.44	5.42	5.42
800	45.43	46.22	45.77	5.47	5.47	5.50
900	45.10	45.85	45.54	5.49	5.50	5.50
1000	45.30	46.10	45.62	5.46	5.43	5.48
1100	44.91	45.78	45.46	5.48	5.44	5.48
1200	44.67	45.48	45.25	5.44	5.43	5.45
1300	44.75	45.59	45.07	5.48	5.44	5.47
1400	44.72	45.50	45.18	5.43	5.42	5.45
1500	44.70	45.50	45.25	5.46	5.43	5.45
1600	44.78	45.55	45.18	5.44	5.39	5.45
1700	44.39	45.17	44.93	5.51	5.46	5.51
1800	44.34	45.04	44.83	5.50	5.49	5.51
1900	44.11	44.86	44.51	5.41	5.40	5.42
2000	43.66	44.46	44.16	5.55	5.53	5.57
2100	43.31	44.20	43.99	5.56	5.54	5.58
2200	42.85	43.80	43.60	5.50	5.48	5.49
2300	42.31	43.31	43.17	5.57	5.55	5.54
2400	41.90	42.89	42.77	5.63	5.60	5.64
2500	41.38	42.46	42.38	5.59	5.57	5.60
2600	41.21	42.53	42.41	5.53	5.48	5.53
2700	41.51	42.74	42.70	5.65	5.63	5.65
2800	41.30	42.54	42.55	5.58	5.54	5.61
2900	41.31	42.61	42.68	5.68	5.63	5.70
3000	40.77	42.15	42.40	5.77	5.75	5.80
3100	40.83	41.91	42.10	5.70	5.68	5.69
3200	41.01	41.92	41.86	5.78	5.77	5.82
3300	41.24	42.25	42.12	5.99	5.98	6.01
3400	41.41	42.58	42.54	5.93	5.91	5.97
3600	40.68	42.22	42.55	6.13	6.08	6.15
3800	40.36	42.06	42.69	6.25	6.23	6.26
4000	39.69	41.14	41.65	6.43	6.37	6.41
4200	39.77	40.84	41.27	6.40	6.35	6.40