

Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 28V	ISOLATION (dB) 28V	VSWR (:1)		P _{OUT} @ 1 dB COMPRESSION (dBm) 28V	P _{OUT} @ 3 dB COMPRESSION (dBm) 28V	P _{OUT} at SATURATION (dBm) 28V	OIP3 (dBm) 28V
			IN 28V	OUT 28V				
10	37.48	91.21	1.46	1.33	34.0	36.1	36.9	44.2
50	36.33	106.13	1.44	1.45	33.5	35.5	36.3	44.8
100	36.24	113.54	1.44	1.27	33.2	35.1	36.0	44.3
200	37.07	107.22	1.45	1.22	33.3	35.3	36.3	44.8
300	37.87	103.02	1.45	1.38	33.7	35.6	36.8	45.1
400	37.91	100.56	1.45	1.46	33.6	35.5	36.8	45.2
500	38.18	97.46	1.46	1.73	34.0	35.9	37.2	45.5
600	38.06	96.56	1.47	1.88	34.0	35.8	37.1	45.6
700	37.71	95.69	1.46	1.90	33.9	35.8	36.9	45.5
800	37.15	95.45	1.45	1.84	33.9	35.7	36.8	45.4
900	36.93	94.97	1.43	1.90	33.7	35.7	36.7	45.4
1000	36.84	94.42	1.40	1.88	33.6	35.7	36.6	45.5
1100	36.82	93.74	1.36	1.84	33.2	35.5	36.4	45.0
1200	36.67	93.27	1.33	1.82	33.1	35.4	36.2	45.0
1300	36.42	92.48	1.30	1.88	32.8	35.2	36.0	44.6
1400	36.23	92.16	1.28	2.01	32.9	35.3	36.1	44.7
1500	36.10	91.86	1.26	2.00	32.9	35.3	36.0	45.0
1600	35.97	90.93	1.25	1.96	32.6	35.1	35.8	44.6
1700	35.92	90.57	1.25	1.93	32.8	35.3	35.8	44.7
1800	36.02	89.75	1.27	1.85	32.5	35.1	35.7	44.7
1900	36.10	89.21	1.29	1.74	32.1	34.5	35.3	43.9
2000	36.20	88.74	1.32	1.63	32.1	34.2	35.1	44.0
2100	36.58	87.76	1.34	1.62	31.9	34.1	35.2	43.6
2200	37.05	86.98	1.36	1.61	31.8	33.9	35.2	43.5
2300	37.42	86.11	1.37	1.65	31.2	33.3	35.0	43.1
2400	37.50	85.76	1.37	1.61	30.7	32.8	34.8	43.0
2500	37.38	85.67	1.38	1.54	31.1	33.0	35.1	43.0
2600	37.23	85.39	1.40	1.43	30.8	33.1	35.3	43.0
2700	37.30	85.31	1.42	1.33	31.2	33.7	35.5	43.0
2800	37.47	84.81	1.43	1.25	31.5	33.7	35.4	43.2
2900	37.71	84.69	1.43	1.18	30.8	32.4	35.1	42.7
3000	37.87	84.67	1.41	1.17	30.1	31.5	34.7	42.1
3100	37.79	84.78	1.39	1.19	29.8	31.7	34.5	41.5
3200	37.47	85.13	1.37	1.28	30.6	32.7	34.5	42.1
3300	37.14	85.69	1.35	1.37	31.1	33.2	34.6	42.4
3400	36.97	86.01	1.32	1.44	31.2	33.4	34.6	42.4
3600	37.53	86.22	1.19	1.38	31.5	33.4	34.5	42.3
3800	38.14	85.86	1.05	1.20	30.7	32.1	33.6	41.6
4000	37.89	86.85	1.16	1.18	29.9	31.7	33.5	40.5
4200	37.48	86.13	1.31	1.16	30.2	32.6	34.3	40.4