Coaxial Amplifier ZX60-06223LN+

Typical Performance Data

Definitions:
Input Return Loss = -S11 (dB)
Gain(Power Gain) = S21 (dB)
Reverse Isolation = -S12 (dB)
Output Return Loss = -S22 (dB)

TEST CONDITIONS: Vd = 5V, Id = 62mA @ Temperature = +25°C

FREQUENCY	GAIN	DIRECTIVITY	RETURN LOSS (dB)		STABILITY		Pout @ 1 dB COMPRESSION	NOISE FIGURE	OIP3
(GHz)	(dB)	(dB)	IN	OUT	K	Measure	(dBm)	(dB)	(dBm)
4.0	16.5	56.1	4.9	21.6	213.67	1.32	7.1	5.0	17.0
4.5	19.7	52.1	5.6	14.3	140.54	1.23	9.9	3.7	18.6
5.0	20.8	47.7	6.9	12.4	91.32	1.14	10.5	3.2	18.9
5.5	21.1	44.9	8.5	12.0	71.09	1.07	10.5	2.9	19.3
6.0	21.3	43.4	10.3	11.9	62.54	1.02	10.9	2.8	20.0
6.5	21.6	42.6	12.4	11.7	59.47	0.98	10.6	2.7	20.6
7.0	21.9	42.8	14.9	11.1	61.42	0.95	10.8	2.6	21.1
7.5	22.2	44.2	17.7	10.4	72.03	0.92	10.9	2.5	21.8
8.0	22.6	42.5	19.7	9.7	58.83	0.90	10.9	2.5	22.1
8.5	22.9	42.0	20.4	9.2	54.71	0.89	10.8	2.4	22.3
9.0	23.1	42.3	19.6	8.8	55.85	0.88	10.8	2.4	22.4
9.5	23.3	42.8	16.9	8.6	58.65	0.88	10.7	2.4	22.7
10.0	23.3	44.2	14.2	8.7	67.32	0.90	10.7	2.4	22.7
10.5	23.3	47.2	11.9	8.9	93.15	0.93	10.8	2.5	22.8
11.0	23.3	57.2	10.4	9.3	290.74	0.96	11.1	2.5	22.5
11.5	23.3	49.2	9.1	9.7	113.15	1.00	10.8	2.5	22.3
12.0	23.3	43.2	8.4	10.3	56.38	1.04	10.7	2.6	22.1
12.5	23.3	41.2	8.0	11.3	44.96	1.07	10.8	2.6	22.7
13.0	23.1	39.6	8.0	12.6	38.02	1.10	11.1	2.6	22.7
13.5	22.8	43.2	8.5	13.8	59.61	1.09	11.1	2.7	22.5
14.0	23.0	46.7	8.8	15.4	90.61	1.10	11.8	2.7	22.7
14.5	23.0	44.5	9.0	16.4	71.89	1.10	12.2	2.7	23.6
15.0	22.9	44.4	9.6	15.8	71.79	1.08	12.2	2.7	23.4
15.5	22.7	41.9	10.7	14.1	54.89	1.04	12.3	2.8	23.6
16.0	22.8	39.6	12.3	12.0	42.06	0.99	12.2	2.8	24.2
16.5	22.6	37.4	13.9	10.5	32.49	0.95	12.0	2.8	24.4
17.0	22.4	35.7	13.8	9.3	25.79	0.92	12.0	2.8	24.8
17.5	22.2	34.0	12.0	8.3	19.82	0.91	12.2	2.9	24.8
18.0	22.2	32.4	9.7	7.3	15.07	0.90	12.4	3.0	24.1
18.5	22.3	32.4	8.2	6.8	13.87	0.91	12.4	3.1	24.0
19.0	22.6	34.2	7.2	7.2	16.79	0.96	12.2	3.2	23.9
19.5	22.9	35.9	6.6	8.2	20.79	1.03	12.1	3.3	24.1
20.0	23.2	37.5	6.3	10.5	26.39	1.12	12.2	3.4	24.0
20.5	23.6	39.6	6.1	14.6	35.08	1.20	11.9	3.4	23.8
21.0	23.9	40.9	5.9	19.4	40.61	1.24	11.6	3.5	22.9
21.5	24.0	44.6	6.1	16.4	62.97	1.22	11.5	3.5	22.7
22.0	24.1	52.7	6.7	12.7	161.01	1.15	11.3	3.4	23.0
23.0	24.5	38.2	10.1	9.7	32.79	0.98	10.3	3.3	23.1
24.0	25.0	28.1	15.2	8.0	10.30	0.87	9.1	3.1	22.7
25.0	25.0	24.4	19.5	6.0	6.17	0.76	8.4	3.1	22.6
26.0	23.6	24.8	20.6	6.4	6.66	0.78	7.4	3.2	20.3