

RF Instrument Amplifier

TVA-R5-13A+

Typical Performance Data

FREQ. (MHz)	GAIN (dB)	DIRECTIVITY (dB)	VSWR (:1)		NOISE FIGURE (dB)	POUT @ 1 dB COMPRESSION (dBm)	OUTPUT IP3 (dBm)
			IN	OUT			
	110V/220V	110V/220V	110V/220V	110V/220V	110V/220V	110V/220V	110V/220V
0.5	38.79	53.12	1.15	2.69	--	35.77	49.02
10	39.88	71.43	1.02	2.54	9.78	36.82	52.79
20	39.88	74.56	1.05	2.56	9.35	36.65	52.88
40	39.87	60.97	1.10	2.65	9.46	36.80	52.49
60	39.87	68.71	1.15	2.80	9.38	36.85	51.79
80	39.86	66.76	1.20	2.91	9.38	37.01	51.04
100	39.80	68.58	1.24	2.86	9.29	37.01	50.06
150	39.39	58.52	1.33	1.91	9.39	36.64	47.40
200	38.51	60.84	1.40	1.29	9.35	35.84	45.48
250	37.76	56.52	1.47	1.57	9.43	35.50	44.76
300	39.25	55.46	1.54	1.74	9.45	35.54	44.69
350	39.66	79.85	1.61	1.84	9.40	35.34	44.39
400	37.98	71.07	1.66	1.79	9.44	34.48	44.12
450	37.80	64.34	1.66	1.68	9.54	33.93	43.69
500	38.46	63.06	1.63	1.57	9.40	34.15	43.85
550	39.38	64.84	1.56	1.49	9.49	34.36	43.94
600	40.40	55.79	1.48	1.41	9.57	35.46	44.49
650	39.94	53.63	1.42	1.46	9.49	34.66	44.08
700	38.63	57.61	1.28	1.65	9.56	34.72	43.61
750	38.26	58.50	1.12	1.83	9.59	35.04	43.68
800	38.69	54.17	1.20	2.07	9.68	34.49	43.11
850	38.99	46.19	1.33	2.31	9.72	33.70	42.65
900	38.75	43.15	1.31	2.35	9.70	33.26	42.92
950	39.11	44.87	1.36	2.24	9.86	33.94	43.89
1000	39.55	45.14	1.39	1.91	9.78	34.98	45.04



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IF/RF MICROWAVE COMPONENTS

REV. OR
TVA-R5-13
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Page 1 of 1