

High Power Amplifier

ZHL-100W-GAN+

Typical Performance Data

FREQ. (MHz)	GAIN (dB) 30V	DIRECTIVITY (dB) 30V	VSWR (:1)		NOISE FIGURE (dB) 30V	POUT @ 1 dB COMPRESSION (dBm) 30V	POUT @ 3 dB COMPRESSION (dBm) 30V	OUTPUT IP2 (dBm) 30V	OUTPUT IP3 (dBm) 30V
			IN 30V	OUT 30V					
20.0	42.25	34.03	1.36	1.20	9.76	48.67	49.54	78.14	61.56
50.0	41.92	41.40	1.34	1.28	7.46	48.47	49.26	76.21	61.66
100.0	41.69	37.60	1.38	2.07	6.94	49.48	50.21	77.76	62.99
200.0	40.24	35.57	1.51	3.94	6.95	48.59	50.50	79.08	61.23
300.0	41.46	37.04	1.62	3.72	6.94	47.69	50.55	81.42	58.98
400.0	42.87	32.52	1.94	2.60	6.79	49.38	49.79	92.28	55.67
500.0	43.02	28.58	1.53	3.42	6.79	49.45	50.15	102.05	56.70