

LIMITER

VLM-33W-2W-S+

Typical Performance Data

FREQUENCY (MHz)	LOW INPUT POWER		POWER OUTPUT (dBm)				DELTA OUTPUT/1dB DELTA INPUT (dB/dB)			
	INSERTION LOSS (dB)	VSWR		+12 dBm INPUT	+20 dBm INPUT	+25 dBm INPUT	+33 dBm INPUT	+12 to +20 dBm INPUT	+20 to +25 dBm INPUT	+25 to +33 dBm INPUT
Input		Output								
0.2	0.16	1.44	1.44	9.93	11.74	12.62	14.49	0.23	0.18	0.23
0.6	0.03	1.13	1.13	10.30	12.14	13.12	15.29	0.23	0.20	0.27
0.8	0.02	1.10	1.10	10.31	12.16	13.15	15.35	0.23	0.20	0.28
1.0	0.02	1.08	1.08	10.34	12.17	13.16	15.38	0.23	0.20	0.28
4.0	0.01	1.02	1.02	10.36	12.21	13.16	15.46	0.23	0.19	0.29
7.0	0.01	1.01	1.01	10.41	12.19	13.07	15.22	0.22	0.18	0.27
10	0.01	1.01	1.01	10.48	12.13	12.96	14.94	0.21	0.17	0.25
40	0.01	1.00	1.01	10.34	11.50	11.98	13.09	0.15	0.10	0.14
70	0.02	1.01	1.01	10.11	11.24	11.66	12.62	0.14	0.08	0.12
100	0.03	1.01	1.01	9.97	11.16	11.62	12.95	0.15	0.09	0.17
200	0.04	1.02	1.03	9.78	10.71	11.19	12.93	0.12	0.10	0.22
300	0.05	1.03	1.05	9.79	10.80	11.60	13.68	0.13	0.16	0.26
400	0.06	1.04	1.07	9.87	10.57	11.43	13.20	0.09	0.17	0.22
500	0.07	1.04	1.08	9.33	10.42	11.37	12.69	0.14	0.19	0.17
600	0.08	1.05	1.10	10.08	11.97	11.88	11.36	0.24	-0.02	-0.07
700	0.09	1.06	1.11	9.16	9.92	11.07	10.48	0.10	0.23	-0.07
800	0.10	1.08	1.13	9.52	12.01	8.94	11.04	0.31	-0.61	0.26
900	0.11	1.09	1.14	9.16	10.69	11.67	7.64	0.19	0.20	-0.50
1000	0.12	1.10	1.15	9.07	11.32	11.45	9.91	0.28	0.03	-0.19
1100	0.13	1.11	1.16	8.89	11.05	10.40	8.61	0.27	-0.13	-0.22
1200	0.14	1.13	1.17	8.80	10.94	6.85	8.92	0.27	-0.82	0.26
1300	0.15	1.15	1.18	8.88	10.92	7.27	8.56	0.26	-0.73	0.16
1400	0.16	1.16	1.19	8.75	10.71	2.73	8.95	0.25	-1.60	0.78
1500	0.17	1.18	1.19	8.84	10.33	3.57	8.39	0.19	-1.35	0.60
1650	0.19	1.20	1.21	8.55	9.56	7.12	8.43	0.13	-0.49	0.16
1800	0.21	1.23	1.22	9.00	6.16	6.96	8.72	-0.36	0.16	0.22
1950	0.23	1.26	1.24	8.78	6.52	5.91	7.30	-0.28	-0.12	0.17
2100	0.25	1.28	1.25	9.11	-1.57	6.02	7.73	-1.34	1.52	0.21
2250	0.27	1.31	1.26	8.88	0.71	6.31	7.22	-1.02	1.12	0.11
2400	0.29	1.34	1.27	8.53	5.70	6.75	7.24	-0.35	0.21	0.06
2550	0.30	1.35	1.28	9.02	3.57	6.56	7.82	-0.68	0.60	0.16
2700	0.31	1.37	1.28	9.03	3.66	5.72	7.07	-0.67	0.41	0.17
2850	0.32	1.38	1.27	9.08	2.76	7.72	7.10	-0.79	0.99	-0.08
3000	0.34	1.40	1.26	8.41	3.44	7.04	7.04	-0.62	0.72	0.00



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POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT	POWER INPUT	POWER OUTPUT
@ 0.2 MHz		@ 1400 MHz		@ 3000 MHz	
(dBm)		(dBm)		(dBm)	
-10	-10.16	-10	-10.16	-10	-10.34
0	-0.52	0	-0.10	0	-0.36
1	0.47	1	0.84	1	0.60
2	1.47	2	1.8	2	1.55
3	2.46	3	2.76	3	2.52
4	3.47	4	3.73	4	3.48
5	4.46	5	4.68	5	4.43
6	5.46	6	5.61	6	5.39
7	6.45	7	6.44	7	6.25
8	7.42	8	7.15	8	7.02
9	8.31	9	7.77	9	7.71
10	9.01	10	8.26	10	8.38
11	9.53	11	8.65	11	8.82
12	9.94	12	9.02	12	9.04
13	10.27	13	9.41	13	9.19
14	10.57	14	9.81	14	9.49
15	10.81	15	10.15	15	9.15
16	11.02	16	10.51	16	8.11
17	11.22	17	10.93	17	9.48
18	11.40	18	11.45	18	9.01
19	11.58	19	11.81	19	8.81
20	11.75	20	12.28	20	8.81
21	11.92	21	12.39	21	8.20
22	12.08	22	12.36	22	9.22
23	12.25	23	12.02	23	9.62
24	12.45	24	11.27	24	10.47
25	12.63	25	10.34	25	13.26
26	12.81	26	10.39	26	11.49
27	13.01	27	11.06	27	11.38
28	13.22	28	11.74	28	11.40
29	13.44	29	11.89	29	11.66
30	13.67	30	11.72	30	12.02
31	13.92	31	13.20	31	12.64
32	14.21	32	14.20	32	13.30
33	14.50	33	14.03	33	13.40