

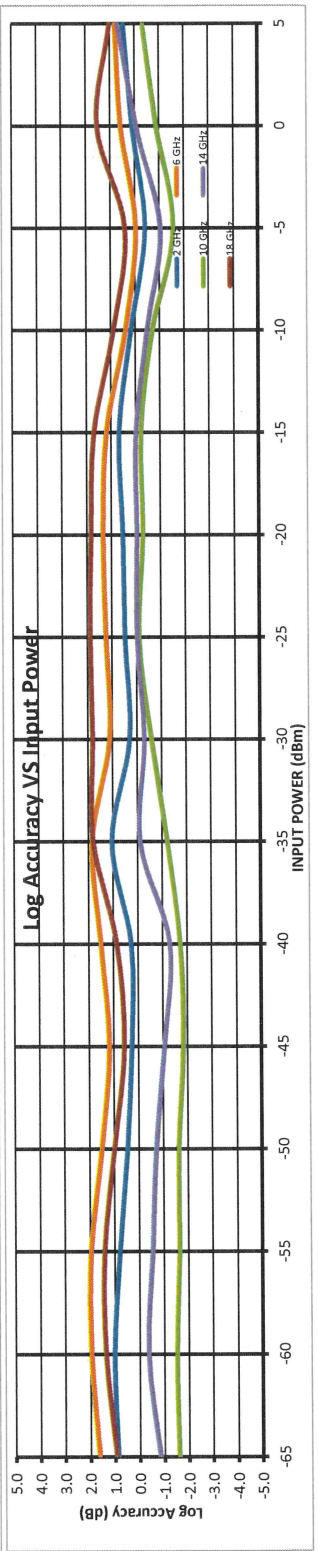
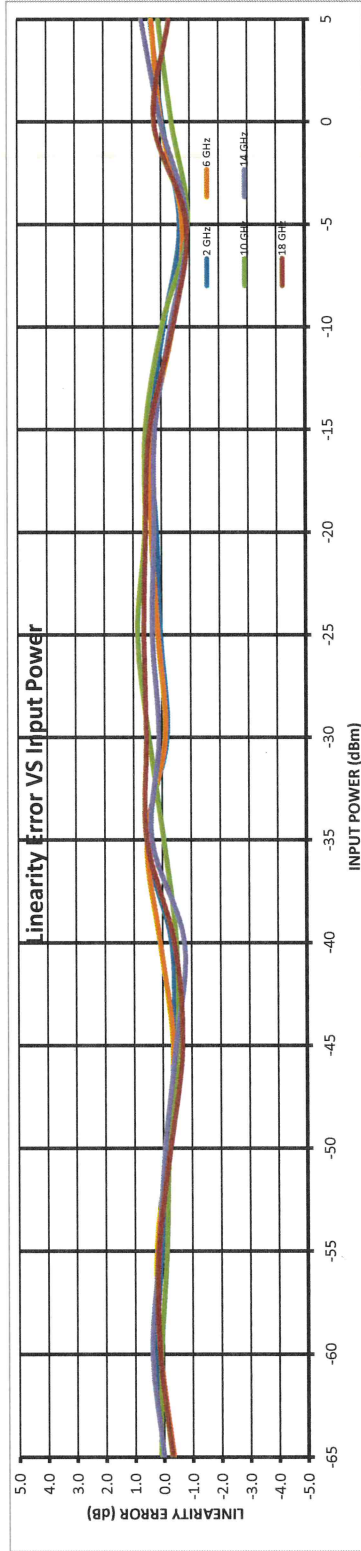




Model: ERLVA-2G18G-73-50MW  
 Serial No: PL47845  
 Date: 8/20/2024  
 Tested By: DA  
 Test Temp: +25°C

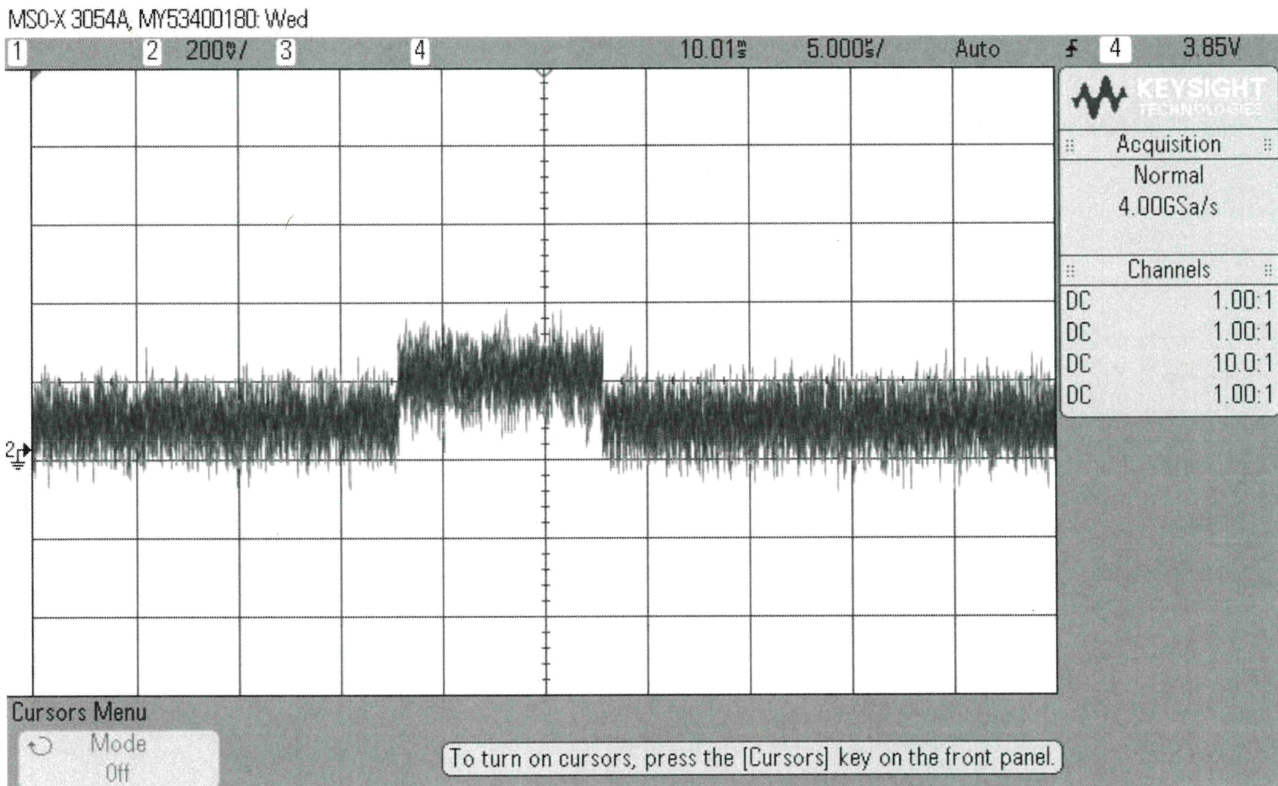
DC Offset: 168 mV

Frequency	RF Input Power (dBm)	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60	-65
2 GHz	Measured Value (mV)	3967	3703	3430	3213	2991	2737	2487	2232	2022	1737	1490	1253	1022	787	533
	Error (mV)	17	-3	-31	-4	18	8	3	-8	26	-15	-18	-10	3	12	05
	LINEARITY ERROR (dB)	0.35	-0.05	-0.64	-0.09	0.37	0.17	0.05	-0.17	0.53	-0.36	-0.36	-0.21	0.06	0.25	0.02
	LOG ACCURACY (dB)	0.10	0.10	-0.43	0.17	0.67	0.53	0.46	0.30	1.04	0.27	0.26	0.46	0.78	1.02	0.87
6 GHz	Measured Value (mV)	3984	3726	3449	3224	3016	2777	2525	2272	2061	1798	1535	1304	1080	833	570
	Error (mV)	16	0	-36	-19	14	17	6	-5	26	4	-17	-7	11	6	-16
	LINEARITY ERROR (dB)	0.33	-0.01	-0.74	-0.40	0.30	0.35	0.13	-0.10	0.53	0.09	-0.36	-0.14	0.23	0.12	-0.33
	LOG ACCURACY (dB)	0.57	0.57	-0.05	0.39	1.18	1.34	1.23	1.11	1.83	1.17	1.50	1.49	1.95	1.95	1.62
10 GHz	Measured Value (mV)	3928	3654	3374	3169	2946	2696	2458	2187	1911	1638	1386	1149	902	661	410
	Error (mV)	4	-18	-47	-1	27	42	29	22	-2	-24	-25	-10	-6	4	5
	LINEARITY ERROR (dB)	0.08	-0.37	-0.94	-0.02	0.55	0.84	0.57	0.45	-0.05	-0.48	-0.49	-0.21	-0.12	0.08	0.09
	LOG ACCURACY (dB)	-0.89	-0.89	-1.57	-0.72	-0.24	-0.30	-0.13	-0.62	-1.21	-1.74	-1.85	-1.65	-1.65	-1.54	-1.62
14 GHz	Measured Value (mV)	3978	3695	3400	3180	2957	2709	2463	2202	1965	1660	1425	1195	956	718	449
	Error (mV)	33	0	-45	-16	11	13	16	5	18	-23	-37	-3	8	19	0
	LINEARITY ERROR (dB)	0.67	0.00	-0.91	-0.31	0.22	0.33	0.26	0.10	0.36	-0.45	-0.75	-0.06	0.15	0.39	0.00
	LOG ACCURACY (dB)	1.54	-0.06	-1.04	-0.50	-0.02	-0.04	-0.02	-0.31	-0.11	-1.29	-1.06	-0.72	-0.56	-0.38	-0.83
18 GHz	Measured Value (mV)	3995	3774	3471	3248	3041	2801	2557	2306	2059	1766	1505	1279	1053	804	536
	Error (mV)	-14	12	-44	-20	20	30	27	26	-26	-34	-20	-12	9	7	-14
	LINEARITY ERROR (dB)	-0.28	0.24	-0.89	-0.40	0.41	0.55	0.61	0.53	0.53	-0.68	-0.40	-0.25	0.17	0.13	-0.29
	LOG ACCURACY (dB)	0.00	1.54	0.40	0.88	1.69	1.88	1.82	1.79	1.79	0.85	0.57	0.99	1.41	1.36	0.93
AVG. SLOPE: 49.4 mV/dB		1.62	1.74	1.80	1.57	1.51	1.62	1.52	1.21	1.00	1.06	0.96	0.80	0.98	1.22	0.68



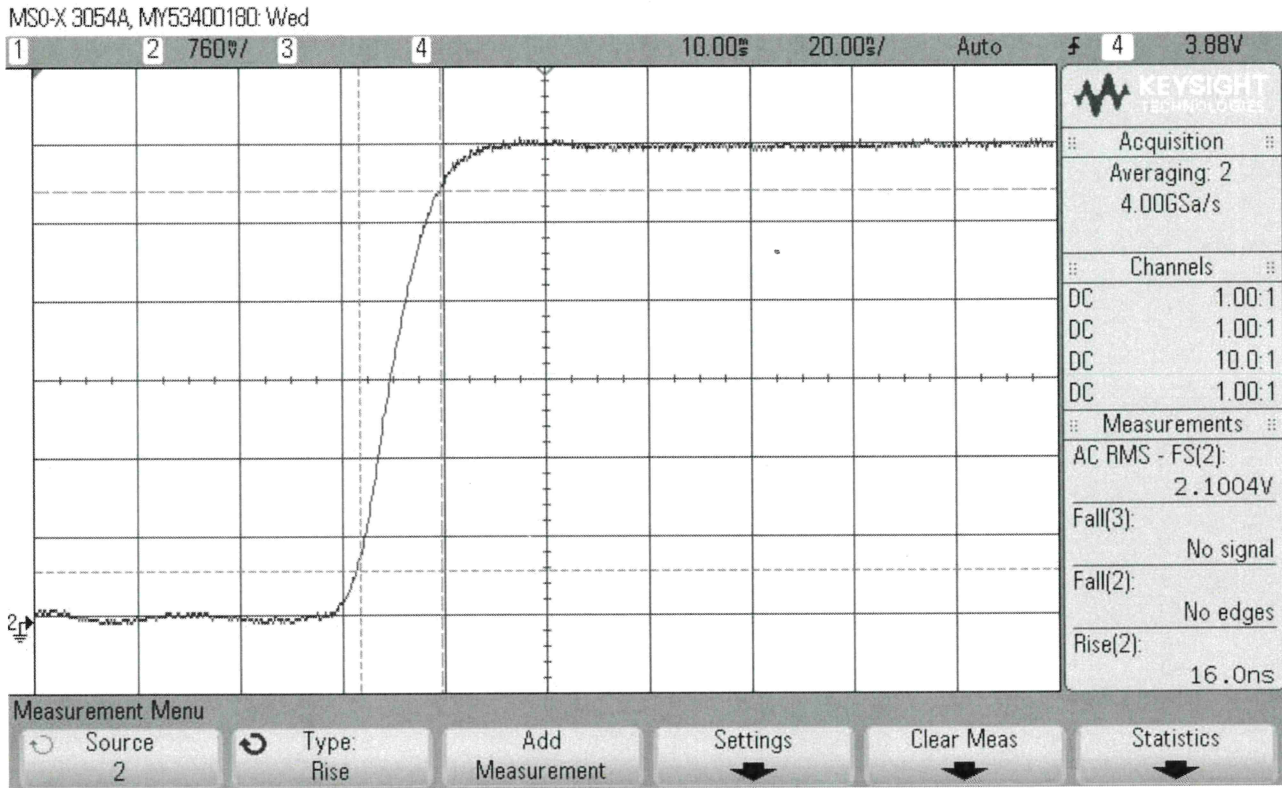
**SUMMARY TEST DATA  
ON  
ERDLVA-218-73-50MV**

TSS -72.8dBm



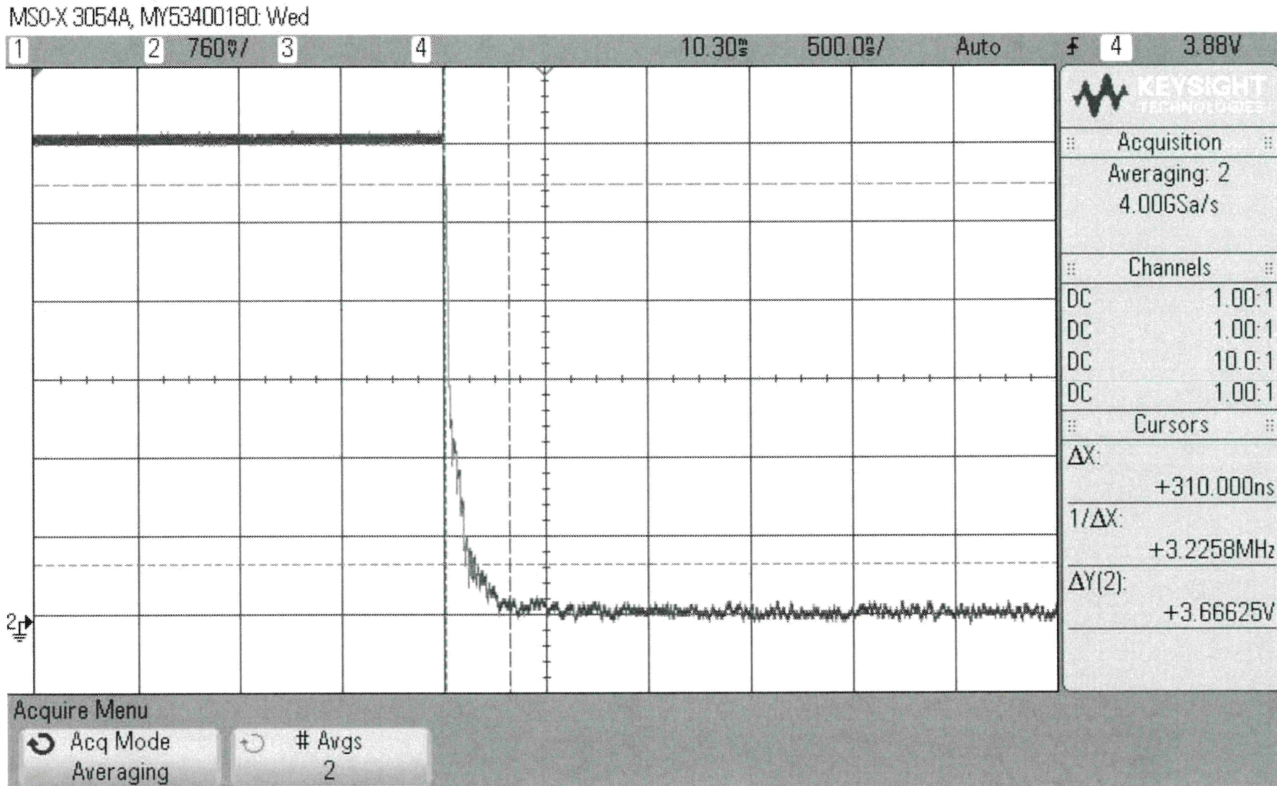
**SUMMARY TEST DATA  
ON  
ERDLVA-218-73-50MV**

RISE TIME



**SUMMARY TEST DATA**  
**ON**  
**ERDLVA-218-73-50MV**

RECOVERY TIME



SUMMARY TEST DATA  
ON  
ERDLVA-218-73-50MV

VSWR 1.67:1

