

E5071C-57

# Modification Recommended Service Note

Supersedes:  
None

## E5071C ENA Series Network Analyzer, 9 kHz to 20 GHz

Serial Numbers: Refer to [Table 1-1](#)  
Manufacturing ID Number: N/A

Unstable (jumping) signal on preset, due to A86 Doubler board failure

### Parts Required:

P/N	Description	Qty.
E5071-62186	Tested Level Doubler Module	1

### ADMINISTRATIVE INFORMATION

ACTION	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS	
CATEGORY:	<input type="checkbox"/> AGREEABLE TIME	LABOR:	3.0 Hours
LOCATION	<input type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP
	<input checked="" type="checkbox"/> SERVICE CENTER		<input type="checkbox"/> SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS		<input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	31-January-2024
	<input checked="" type="checkbox"/> Calibration Required	PRODUCT LINE:	WN
	<input type="checkbox"/> Calibration NOT Required	AUTHOR:	ls

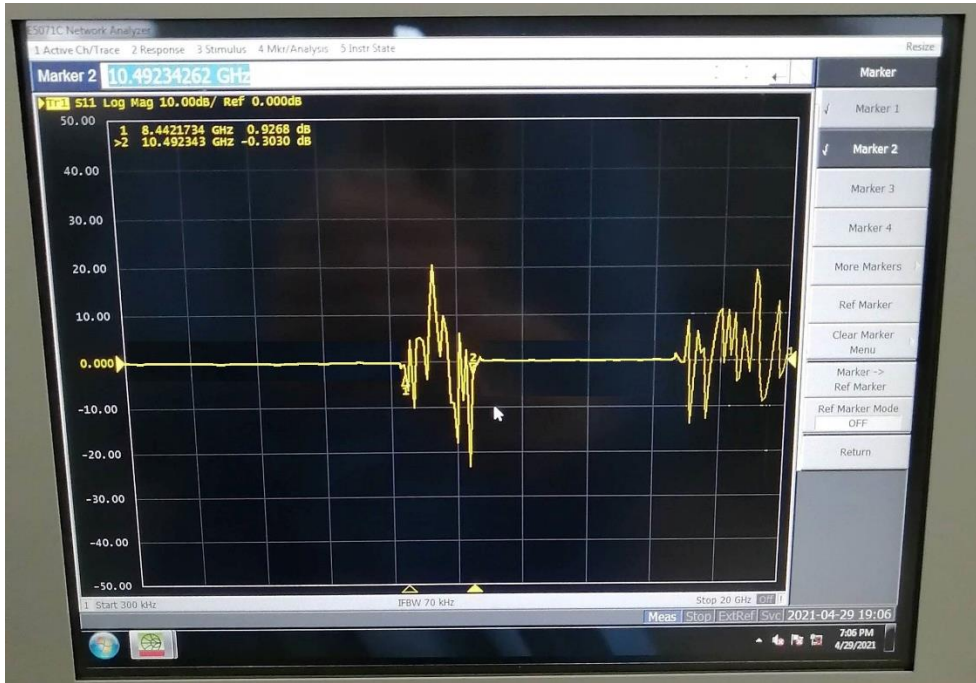
### ADDITIONAL INFORMATION:

To be performed by: Keysight Technologies Service Center Only.

**Situation:**

Due to A86 doubler board failure, E5071C Network Analyzer will potentially be exhibiting the following symptom intermittently.

It impacts E5071C with operating frequency range of 14GHz and 20GHz - Option 2D5, 2K5, 4D5 and 4K5.



**Solution/Action:**

When the above symptom can be identified, send the E5071C to local Keysight service center. A86 doubler board will be replaced by service center followed with post-repair ALL adjustments and ALL performance verification tests.

Table 1-1 E5071C serial numbers

MY46900583	MY46900585	MY46900586	MY46900587	MY46900589	MY46900590	MY46900592	MY46900593
MY46900594	MY46900625	MY46900626	MY46900627	MY46900628	MY46900629	MY46900630	MY46900633
MY46900634	MY46900669	MY46900671	MY46900763	MY46900764	MY46900772	MY46900773	MY46900787
MY46900800	MY46900801	MY46900803	MY46900813	MY46900814	MY46900815	MY46900816	MY46901009
MY46901010	MY46901012	MY46901017	MY46901018	MY46901125	MY46901126	MY46901127	MY46901131
MY46901140	MY46901221	MY46901224	MY46901226	MY46901245	MY46901246	MY46901254	MY46901256
MY46901341	MY46901342	MY46901343	MY46901344	MY46901376	MY46901377	MY46901381	MY46901397
MY46901401	MY46901402	MY46901403	MY46901404	MY46901405	MY46901410	MY46901411	MY46901412
MY46901414	MY46901539	MY46901595	MY46901596	MY46901597	MY46901598	MY46901599	MY46901600
MY46901621	MY46901622	MY46901623	MY46901624	MY46901625	MY46901651	MY46901652	MY46901656
MY46901663	MY46901713	MY46901876	MY46901897	MY46901900	MY46901902	MY46901907	MY46901908
MY46901910	MY46901911	MY46901912	MY46901918	MY46901921	MY46901922	MY46901923	MY46901924
MY46901925	MY46901926	MY46901927	MY46901928	MY46901929	MY46901930	MY46901931	MY46901932
MY46901933	MY46901934	MY46901935	MY46901936	MY46901937	MY46901938	MY46901943	MY46901944
MY46901945	MY46901946	MY46901947	MY46901948	MY46901949	MY46901950	MY46901951	MY46901952
MY46901962	MY46901964	MY46901965	MY46901966	MY46901967	MY46901968	MY46901969	MY46901970
MY46901971	MY46901989	MY46901990	MY46901991	MY46901992	MY46901993	MY46901994	MY46902005
MY46902006	MY46902007	MY46902008	MY46902009	MY46902010	MY46902015	MY46902027	MY46902033
MY46902036	MY46902037	MY46902038	MY46902039	MY46902040	MY46902041	MY46902042	MY46902044
MY46902045	MY46902050	MY46902051	MY46902065	MY46902069	MY46902070	MY46902071	MY46902072
MY46902073	MY46902076	MY46902077	MY46902078	MY46902084	MY46902566	MY46902582	MY47002004
MY47002043	MY47002046	MY47002047	MY47002048	MY47002063	MY47002064	MY47002100	MY47002101
MY47002102	MY47002103	MY47002104	MY47002105	MY47002106	MY47002107	MY47002108	MY47002109
MY47002110	MY47002111	MY47002112	MY47002113	MY47002114	MY47002115	MY47002116	MY47002117
MY47002118	MY47002119	MY47002120	MY47002121	MY47002122	MY47002123	MY47002124	MY47002125
MY47002126	MY47002127	MY47002128	MY47002129	MY47002130	MY47002562	MY47002567	MY47002568
MY47002569	MY47002570	MY47002571	MY47002572	MY47002573	MY47002574	MY47002575	MY47002576
MY47002577	MY47002578	MY47002579	MY47002580	MY47002644	MY47002702	MY47002703	MY47002704
MY47002705	MY47002706	MY47002707	MY47002708	MY47002709	MY47002710	MY47002711	MY47002712
MY47002713	MY47002714	MY47002715	MY47002716	MY47002717	MY47002718	MY47002719	MY47002720
MY47002721	MY47002723	MY47002724	MY47002725	MY47002726	MY47002728	MY47002752	MY47002753
MY47002754	MY47002755	MY47002756	MY47002757	MY47002758	MY47002759	MY47002760	MY47002842
MY47002843	MY47002844	MY47002845	MY47002846	MY47002859	MY47002876	SG46700665	SG46900103

~End~

Revision History:

Date	Service Note Revision	Author	Reason for Change
5-Jan-2022	E5071C-57	ls	As Published