

S E R V I C E N O T E

SUPERSEDES: NONE

346C Noise Source

Serial Numbers: 3228A02190 / 9999A99999

ENR Accuracy Specification Changed

Situation:

Due to customer demand, the ENR Accuracy specification has been improved. The 346Cs with the 3228A prefix were shipped with the new ENR specification. Currently, the service centers are not able to calibrate the 346C to the improved specifications. The service centers are only capable of meeting the old ENR Accuracy specification.

Continued

DATE: 15 September 1992

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
HJ	0400	

Specification	Frequency (GHz)	Worst Case Uncertainty (dB)	Root-Sum-of-Squares Uncertainty (dB)
NEW	0.01-9	0.22	0.12
	10-18	0.27	0.13
	19-20	0.31	0.13
	21-26.5	0.38	0.14
OLD	0.01-7	0.30	0.09
	8-10	0.27	0.09
	11-12	0.28	0.09
	13-18	0.30	0.11
	19-20	0.40	0.15
	21	0.40	0.17
	22-23	0.45	0.17
	24	0.45	0.22
	25-26.5	0.47	0.22

Solution/Action:

If your customer requires the improved ENR Accuracy specifications, the unit MUST be sent back to the factory for calibration. If the customer will accept the older specifications, then the service center can follow their “current method” of calibration.

Service Centers will be setup to perform the calibration to the new ENR Accuracy specification in the near future. This service note will be modified whenever new information is available.

If the unit must be sent back to the factory, please open a CSO and then send the unit to the address that follows. Under the Requested Service section of the CSO, enter “Calibration to the new ENR Accuracy specification.”

Agilent Technologies
 6A Receiving, SPD
 1501 Page Mill Road
 Palo Alto, CA 94304
 Attn: Syed Sarwat