TRS RenTelco
1830 West Airfield Drive
DFW Airport, Texas 75261

ilac-MRA A2LA ACCREDITED

Calibration Cert# 2681.01

Calibration Certificate Accredited Calibration

Asset Number:	1233734
MFG/Model Number:	AT/E8257D-550;X
Serial Number:	MY59140095
Description:	ANALOG SIG GEN
Customer:	BAY AREA COMPLIANCE LABS (BACL)
Address:	1274 ANVILWOO AVENUE SUNNYVALE CA 94089
Customer P.O. No:	RT21072312
Rental Agreement Number:	1825645
Certificate Number:	18256450123373421625

This certificate applies to the instrument identified above and shall not be reproduced, except in full, without written approval of TRS-RenTelco.

This calibration was performed by TRS-RenTelco, located at 1830 West Airfield Drive DFW Airport, TX 75261.

TRS-RenTelco maintains accreditation to ISO/IEC 17025:2017 for the specific calibrations listed in A2LA Calibration Certificate #2681.01. The accompanying test report may contain data that is not covered by the Scope of Accreditation, but is included for completeness. Data not covered by the Scope of Accreditation is marked as non-accredited.

The Quality System of TRS-RenTelco is registered by DQS Inc. Certificate Number 10000112 to the Quality Management System Standard ISO 9001:2015. TRS-RenTelco's Laboratory is in compliance with MIL-STD-45662A, ANSI/NCSL Z540-1-1994, ANSI/NCSL Z540.3-2006, ISO/IEC 17025:2017 and ISO 10012-2003.

Measurement standards are calibrated at planned intervals. Traceability is to the International System of Units (SI) through the National Institute of Standards and Technology (NIST) or other recognized National Metrology Institute (NMI), natural physical constants, consensus standards, or by ratio type measurements using self calibrating techniques. Supporting documentation relative to traceability is available for review by appointment.

As Shipped Conditions:
At the completion of the calibration, measured values were within manufacturer's specifications at the points tested. The uncertainty of measurement is taken into account where a statement of compliance to a specification is made by the use of guard banding methods that meet the requirements of ANSI/NCSL Z540.3-2006. Measurement uncertainties at the time of test are given in the accompanying test report, where applicable. The uncertainties were calculated in accordance with the Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at an approximate 95% confidence level.

When provided, TRS-Rentelco utilizes the Manufacturer's recommended calibration interval as the basis for establishing calibration due dates. This calibration due date is for guidance only. To determine the actual date calibration is due, customers should use an interval that satisfies their own organizations internal Quality System requirements.

Conditions of calibration are as follows:

Temperature:	22 ° C	**Relative Humidity:**	49 %
Calibration Procedure:	CS943838.29	**Calibration Date:**	Jun 25, 2021

Calibrated By: JACOB BREWNER

Condition:	**As-Shipped**	**In-Tolerance**

Quality Assurance:

Peel Off Sticker Here --->

TRS-RenTelco 800-621-6354
ID: 1233734 Date: 06/25/21
BREWNEJA 17025

Certificate Print Date: July 26, 2021

Measurement Report
Keysight Calibration + Uncertainties
Keysight PSG-D Performance Verification

Calibration Facility

TRS-RenTelco
1830 West Airfield Drive
DFW Airport, Texas 75261
USA

Report Number	1233734-2021-06-21-63OL	Test Date	25-Jun-2021

Order Number	1233734-2021-06-21		
Customer	Bay Area Compliance Lab Andrew Downey 1274 Anvilwoo Avenue Sunnyvale, CA 94089 USA		
Model Number	E8257D		
Serial Number	MY59140095		
Firmware Version	C.06.28		
Asset Number / Unique ID	N/A		
Options Installed	007, 1E1, 1EH, 1EU, 550, U06, UNW, UNY		
Test Manager	Keysight N7800A Test Management Environment	**Version**	E.03.86
Calibration Application	Keysight N7820A PSG-D Series Calibration Application	**Version**	E.17.02
Test Plan Name	E8257D - Performance Verification - Factory Recommended		
Test Session	As Received and Completed		
Temperature	See Individual Test Data		
Humidity	See Individual Test Data		
Authorized by	Wayne Haythorn		

Notes

Model E8257D **Serial** MY59140095 **Test Date** 25-Jun-2021

Keysight Calibration + Uncertainties

Compliance with Specification

The uncertainty of measurement has been taken into account when determining compliance with specification, as per ILAC-G8:03/2009. If the expanded measurement uncertainty intervals centered about one or more measured values were both in as well as out of specification (upper or lower), it is not possible to state compliance or non-compliance based on a 95% coverage probability for the expanded measurement uncertainty, as denoted by "‡" below.

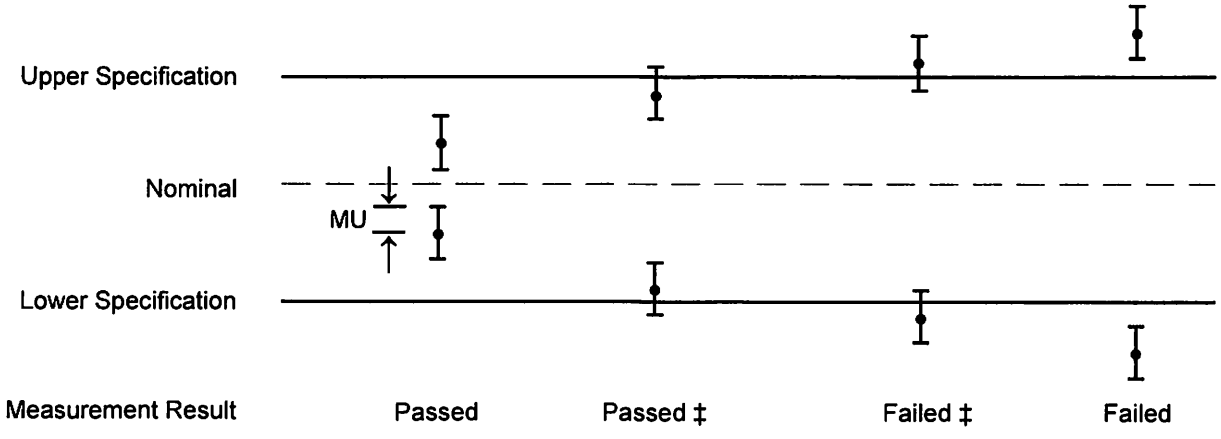
Measurement Results

Passed: The measured values of the equipment were observed in specification at the points tested. Additionally, the expanded measurement uncertainty intervals about the measured values were in specification. Test points with a result of Passed are indicated on the measurement report as a blank space in the column labeled 'Status' to allow easier recognition of Passed ‡, Failed ‡, and Failed points.

Passed ‡: The measured values of the equipment were observed in specification at the points tested. However, a portion of the expanded measurement uncertainty intervals about one or more measured values exceeded specification. Consequently, compliance with specification cannot be declared based on the stated coverage probability.

Failed ‡: One or more measured values of the equipment were observed out of specification at the points tested. However, a portion of the expanded measurement uncertainty intervals about one or more measured values were in specification. Consequently, non-compliance with specification cannot be declared based on the stated coverage probability.

Failed: One or more measured values of the equipment were observed out of specification at the points tested. Additionally, the expanded measurement uncertainty intervals about one or more measured values were entirely outside the specification.



MU = 95% expanded measurement uncertainty

Uncertainty of Measurement

The uncertainty evaluation has been performed in accordance with ISO/IEC Guide 98-3:2008 (GUM). The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k such that the coverage probability corresponds to approximately 95 %. This probability corresponds to a coverage factor of k=2 for a normal distribution.

Test Summary

Model E8257D **Serial** MY59140095 **Test Date** 25-Jun-2021

Performance Tests

Performance tests verify that the equipment performance meets the published warranted specifications. Refer to the equipment datasheet for the specification details. The Compliance Information page describes the rules for evaluating the test results.

Test Name	Test Result	Test Date
Maximum Output Power	Passed	21-Jun-2021
Power Level Accuracy	Passed	21-Jun-2021
Internal Pulse Modulation Level Accuracy	Passed	21-Jun-2021
Internal Pulse Modulation Rise/Fall Time	Passed	21-Jun-2021
Harmonic Spurious	Passed	21-Jun-2021
Sub-Harmonic Spurious	Passed	21-Jun-2021
Non-Harmonic Spurious	Passed	21-Jun-2021
External Pulse Modulation ON/OFF Ratio	Passed	21-Jun-2021
Single-Sideband Phase Noise	Passed ‡	25-Jun-2021
Residual Phase Noise	Passed ‡	25-Jun-2021
Swept Frequency Accuracy	Passed	21-Jun-2021

Passed: The measured values of the equipment were observed in specification at the points tested. Additionally, the expanded measurement uncertainty intervals about the measured values were in specification.
Passed ‡: The measured values of the equipment were observed in specification at the points tested. However, a portion of the expanded measurement uncertainty intervals about one or more measured values exceeded specification. Consequently, compliance with specification cannot be declared based on the stated coverage probability.

Test Summary

Model E8257D **Serial** MY59140095 **Test Date** 25-Jun-2021

Functional Tests

Functional tests verify that the equipment is functioning correctly. Measurement uncertainty is not used to evaluate expected performance of the test result, and is not provided.

If the equipment is functioning correctly, the result of the test is listed as 'Completed'. Otherwise, the test result is listed as 'Failed'. The 'Completed' result of individual test points is indicated on the measurement report by a blank space in the column labeled "Status" to allow easier recognition of Failed points.

If a functional test result is reported as "Failed", repair and/or adjustment is recommended.

Test Name	Test Result	Test Date
Self Check	Completed	21-Jun-2021

Completed: The equipment was observed to be functional.

Test Equipment Summary

Model E8257D **Serial** MY59140095 **Test Date** 25-Jun-2021

Test Standards and Required Equipment

Model	Description	Equipment ID	Trace Number	Cal Due
33120A	Function Generator	MY40027744	1052656	29-Mar-2022
54820A	Oscilloscope	US38220109	987728	11-Dec-2021
83484A	Oscilloscope Plug-In	US40140325	967217	21-Aug-2022
8493C Opt 010	10dB Attenuator	82687	1183403	02-Oct-2021
8493C Opt 020	20dB Attenuator	82505	1183404	02-Oct-2021
86100A	Oscilloscope Mainframe	US40510291	988292	15-Apr-2022
E4419B	Power Meter	MY45102834	1182125	21-Aug-2022
E4448A	Spectrum Analyzer	MY54190024	1198224	16-Oct-2021
E5505A	Phase Noise Measurement System	US44130248	1080824-AC	14-Jul-2021
E9304A H19	Power Sensor	MY50130003	1111444	23-Jun-2021
N8487A	Power Sensor	MY54480007	1182474	29-Sep-2021
PNRS_E8257D	Phase Noise Reference Source	MY49281138	1123566	07-Aug-2021

Maximum Output Power

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Environmental Conditions

Temperature 21.00 Celsius **Humidity** 50.00 % **Line Frequency** 60.00 Hz

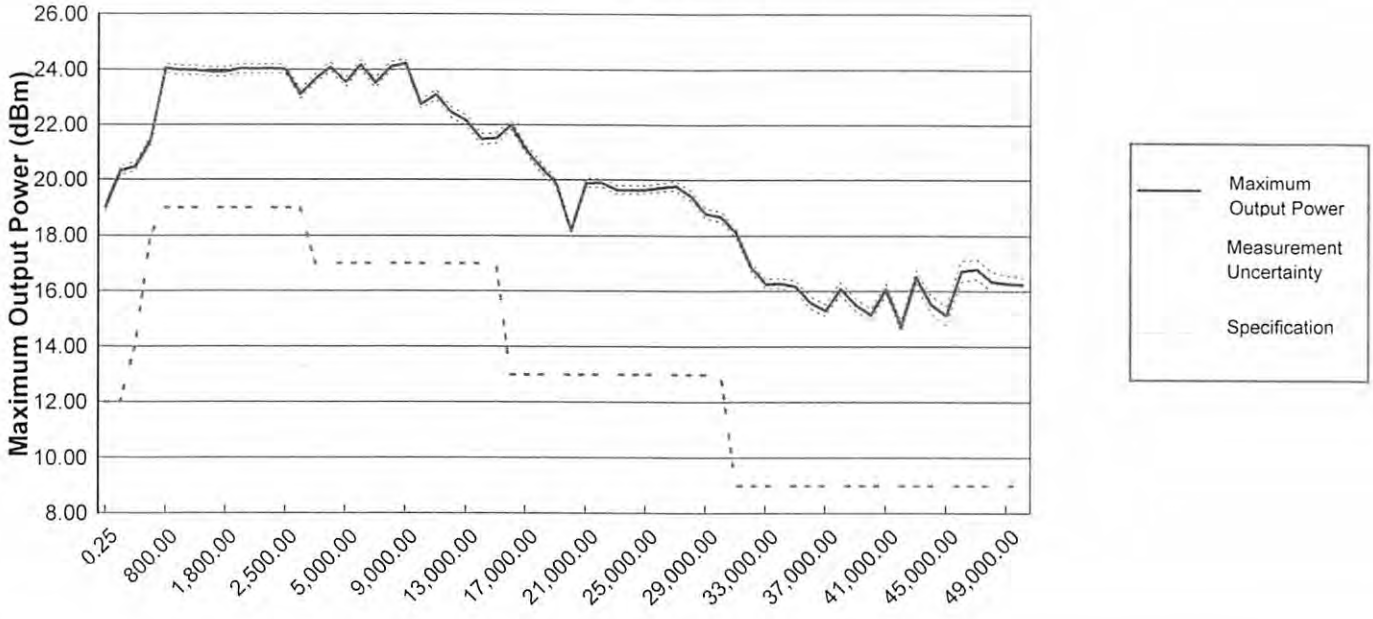
Test Standards and Required Equipment

Model	Description	Equipment ID	Trace Number	Cal Due
E4419B	Power Meter	MY45102834	1182125	21-Aug-2022
E9304A H19	Power Sensor	MY50130003	1111444	23-Jun-2021
N8487A	Power Sensor	MY54480007	1182474	29-Sep-2021

Maximum Output Power

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Low Phase Noise Mode = Off
Harmonics Filter = Off

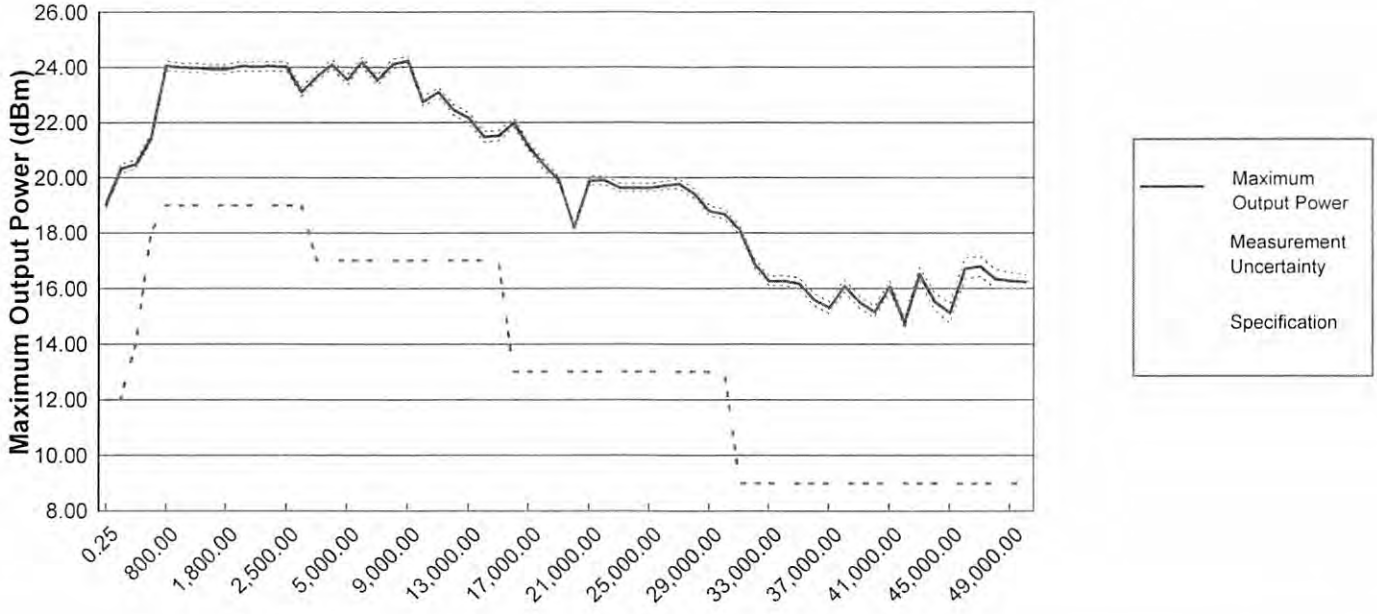


Frequency (MHz)	Maximum Power (dBm)	Measurement Uncertainty (dB)	Specification (dBm)	Status
0.25	19.02	0.16	12.0	
1.00	20.32	0.16	12.0	
10.10	20.49	0.16	14.0	
100.00	21.44	0.16	18.0	
800.00	24.05	0.16	19.0	
900.00	23.99	0.16	19.0	
1,000.00	23.98	0.16	19.0	
1,500.00	23.92	0.16	19.0	
1,800.00	23.92	0.17	19.0	
1,900.00	24.03	0.17	19.0	
2,000.00	24.02	0.17	19.0	
2,400.00	24.03	0.17	19.0	
2,500.00	24.02	0.17	19.0	
3,200.00	23.11	0.17	19.0	
3,300.00	23.67	0.17	17.0	
4,000.00	24.10	0.17	17.0	
5,000.00	23.54	0.17	17.0	
6,000.00	24.18	0.17	17.0	
7,000.00	23.52	0.17	17.0	
8,000.00	24.10	0.17	17.0	
9,000.00	24.22	0.17	17.0	
10,000.00	22.75	0.17	17.0	
11,000.00	23.09	0.17	17.0	
12,000.00	22.46	0.19	17.0	
13,000.00	22.16	0.19	17.0	
14,000.00	21.49	0.19	17.0	

Maximum Output Power

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Low Phase Noise Mode = Off
Harmonics Filter = Off

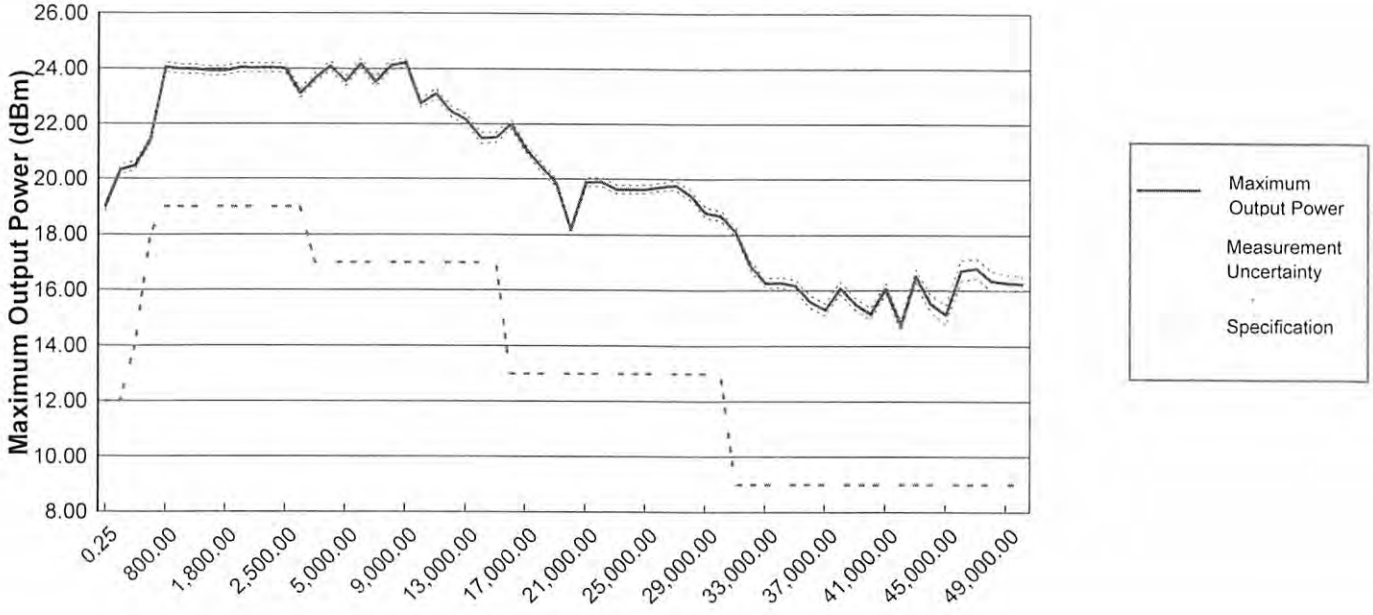


Frequency (MHz)	Maximum Power (dBm)	Measurement Uncertainty (dB)	Specification (dBm)	Status
15,000.00	21.52	0.18	17.0	
16,000.00	21.99	0.17	13.0	
17,000.00	21.12	0.17	13.0	
18,000.00	20.45	0.17	13.0	
19,000.00	19.88	0.15	13.0	
20,000.00	18.19	0.15	13.0	
21,000.00	19.89	0.16	13.0	
22,000.00	19.90	0.16	13.0	
23,000.00	19.63	0.15	13.0	
24,000.00	19.64	0.15	13.0	
25,000.00	19.63	0.14	13.0	
26,000.00	19.72	0.14	13.0	
27,000.00	19.77	0.17	13.0	
28,000.00	19.42	0.17	13.0	
29,000.00	18.79	0.18	13.0	
30,000.00	18.68	0.18	13.0	
31,000.00	18.10	0.18	9.0	
31,800.00	16.87	0.17	9.0	
33,000.00	16.26	0.17	9.0	
34,000.00	16.27	0.18	9.0	
35,000.00	16.17	0.20	9.0	
36,000.00	15.58	0.22	9.0	
37,000.00	15.29	0.22	9.0	
38,000.00	16.08	0.22	9.0	
39,000.00	15.50	0.22	9.0	
40,000.00	15.15	0.20	9.0	

Maximum Output Power

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Low Phase Noise Mode = Off
Harmonics Filter = Off

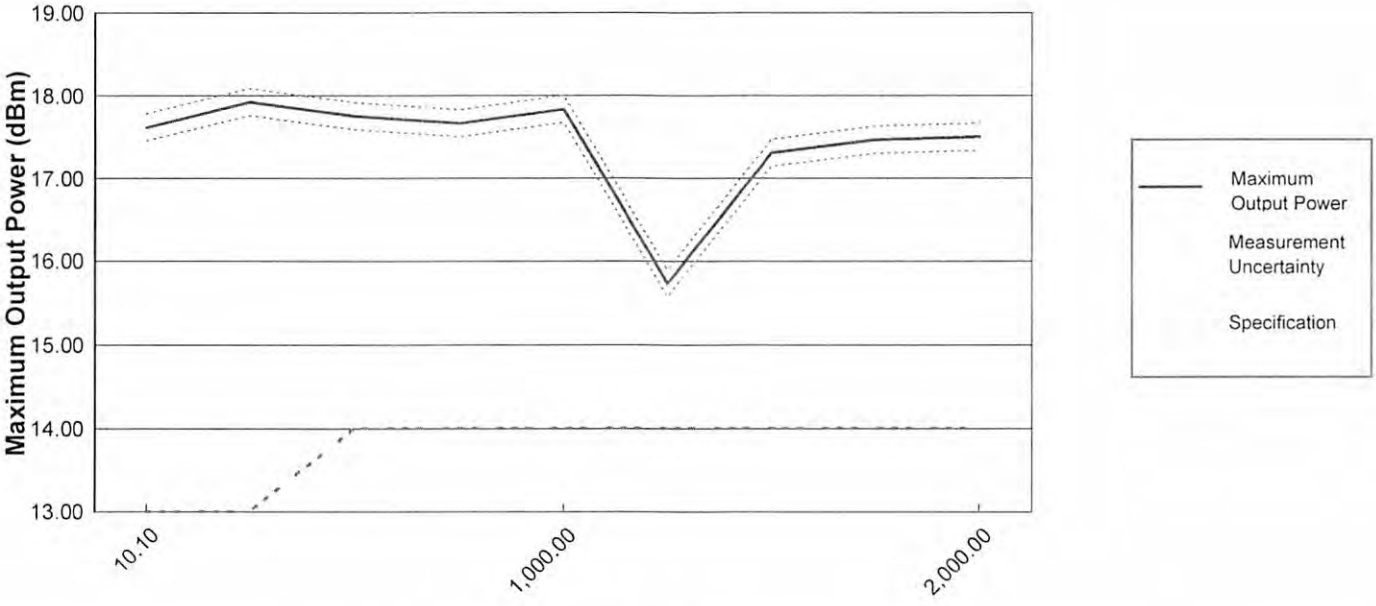


Frequency (MHz)	Maximum Power (dBm)	Measurement Uncertainty (dB)	Specification (dBm)	Status
41,000.00	16.07	0.20	9.0	
42,000.00	14.73	0.21	9.0	
43,000.00	16.51	0.24	9.0	
44,000.00	15.51	0.33	9.0	
45,000.00	15.11	0.35	9.0	
46,000.00	16.71	0.37	9.0	
47,000.00	16.78	0.36	9.0	
48,000.00	16.34	0.34	9.0	
49,000.00	16.27	0.29	9.0	
50,000.00	16.23	0.26	9.0	

Maximum Output Power

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Low Phase Noise Mode = Off
Harmonics Filter = On

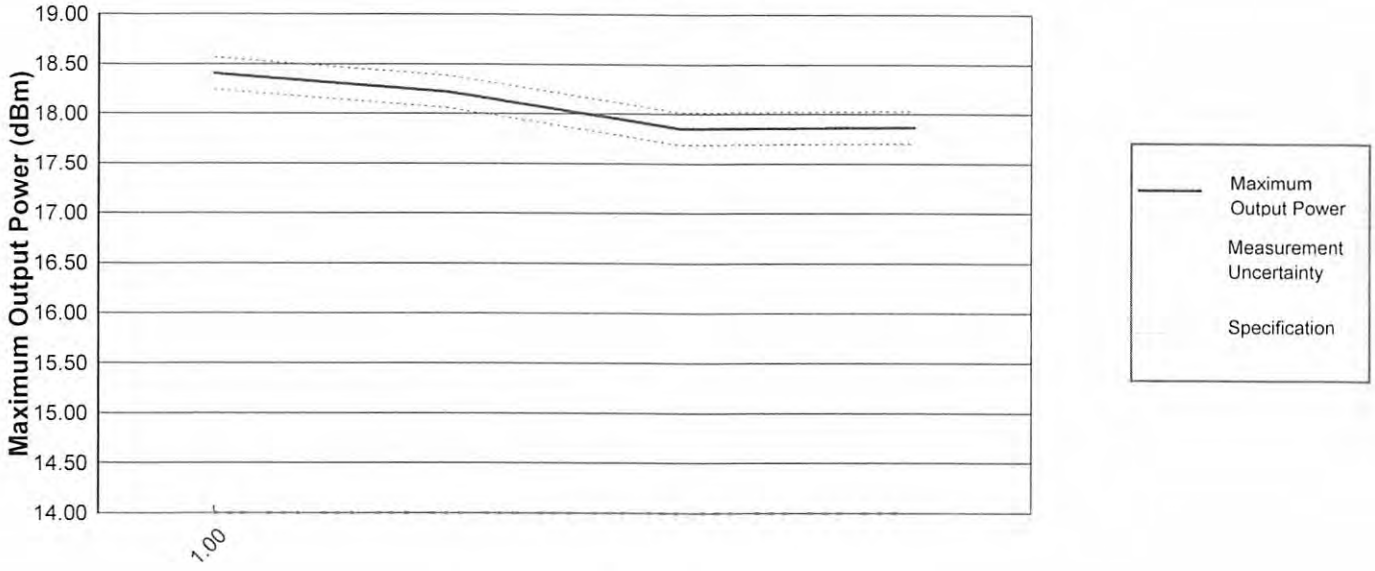


Frequency (MHz)	Maximum Power (dBm)	Measurement Uncertainty (dB)	Specification (dBm)	Status
10.10	17.62	0.16	13.0	
100.00	17.92	0.16	13.0	
800.00	17.76	0.16	14.0	
900.00	17.67	0.16	14.0	
1,000.00	17.84	0.16	14.0	
1,500.00	15.73	0.16	14.0	
1,800.00	17.31	0.16	14.0	
1,900.00	17.47	0.16	14.0	
2,000.00	17.50	0.16	14.0	

Maximum Output Power

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Low Phase Noise Mode = On
Harmonics Filter = Off



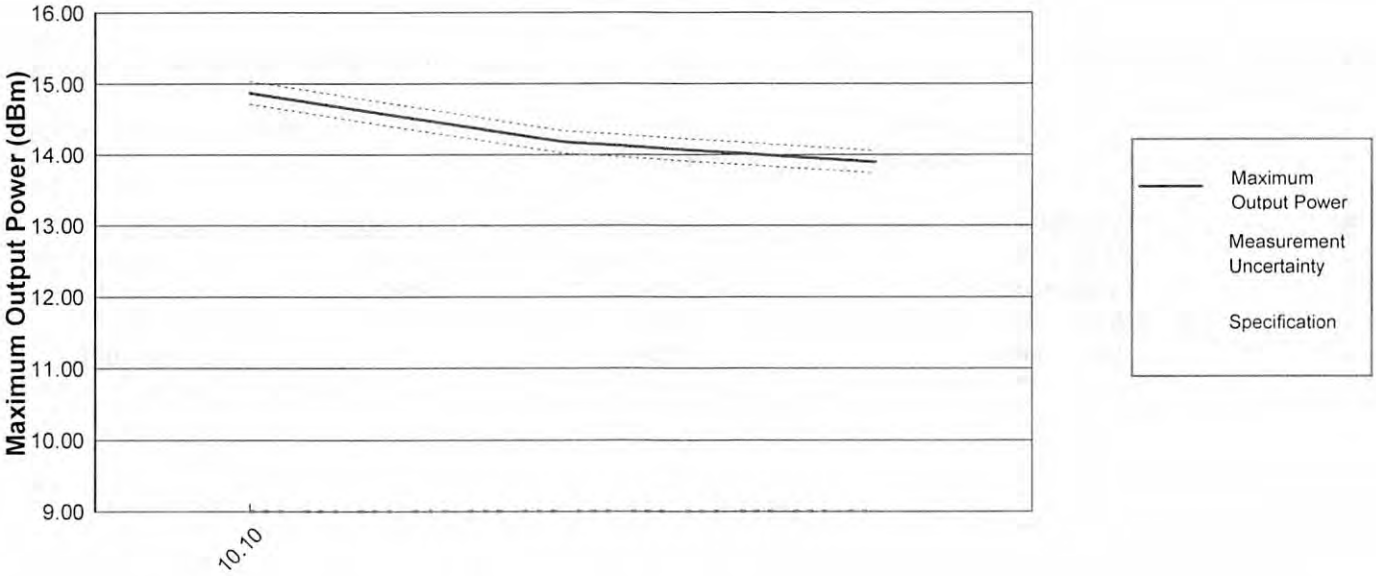
Frequency (MHz)

Frequency (MHz)	Maximum Power (dBm)	Measurement Uncertainty (dB)	Specification (dBm)	Status
1.00	18.40	0.16	14.0	
10.10	18.22	0.16	14.0	
100.00	17.85	0.16	14.0	
250.00	17.87	0.16	14.0	

Maximum Output Power

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Low Phase Noise Mode = On
Harmonics Filter = On



Frequency (MHz)

Frequency (MHz)	Maximum Power (dBm)	Measurement Uncertainty (dB)	Specification (dBm)	Status
10.10	14.87	0.16	9.0	
100.00	14.18	0.16	9.0	
250.00	13.89	0.16	9.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Environmental Conditions

Temperature 21.00 Celsius **Humidity** 50.00 % **Line Frequency** 60.00 Hz

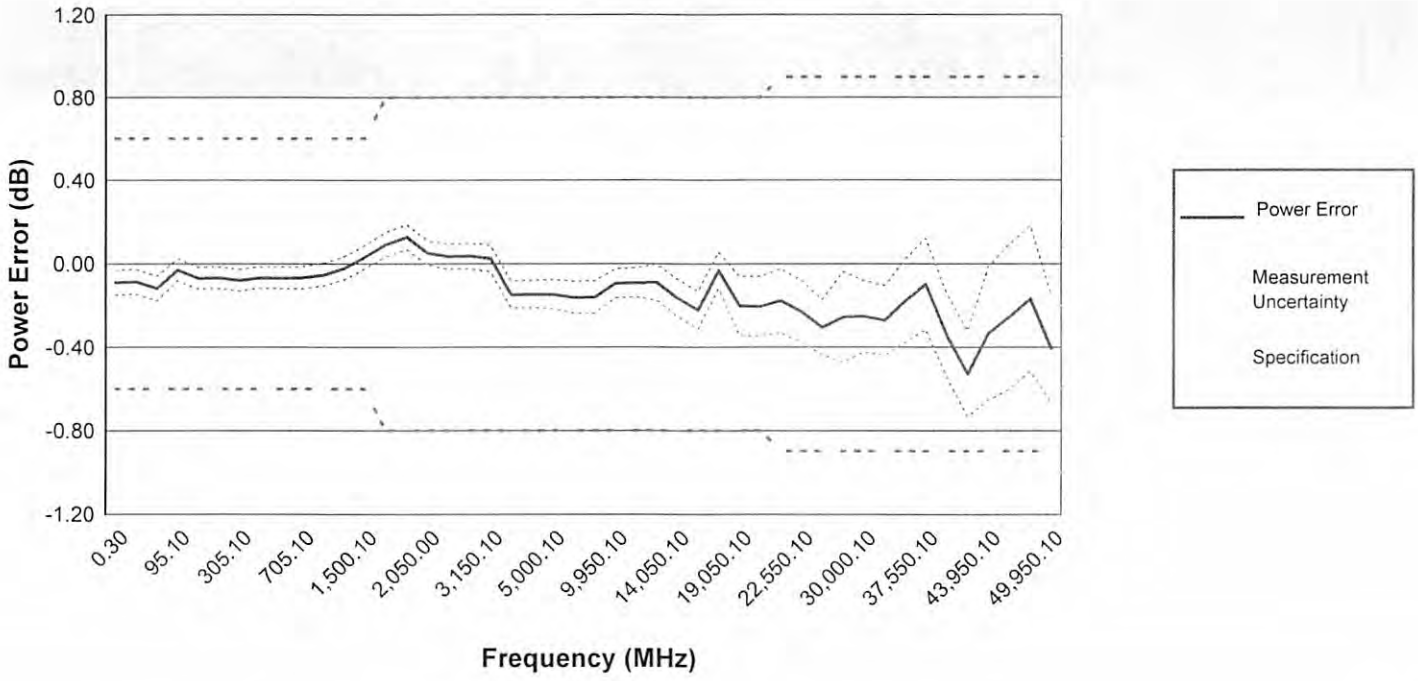
Test Standards and Required Equipment

Model	Description	Equipment ID	Trace Number	Cal Due
E4419B	Power Meter	MY45102834	1182125	21-Aug-2022
E4448A	Spectrum Analyzer	MY54190024	1198224	16-Oct-2021
E9304A H19	Power Sensor	MY50130003	1111444	23-Jun-2021
N8487A	Power Sensor	MY54480007	1182474	29-Sep-2021

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = 0.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
0.30	-0.09	0.06	0.6	
0.70	-0.09	0.06	0.6	
0.90	-0.12	0.06	0.6	
95.10	-0.03	0.05	0.6	
195.10	-0.07	0.05	0.6	
250.10	-0.07	0.05	0.6	
305.10	-0.08	0.05	0.6	
455.10	-0.07	0.05	0.6	
505.10	-0.07	0.05	0.6	
705.10	-0.07	0.05	0.6	
905.10	-0.05	0.05	0.6	
1,050.10	-0.02	0.06	0.6	
1,500.10	0.03	0.06	0.6	
1,800.10	0.09	0.06	0.8	
1,980.10	0.13	0.06	0.8	
2,050.00	0.05	0.06	0.8	
2,550.10	0.03	0.06	0.8	
2,650.10	0.04	0.06	0.8	
3,150.10	0.03	0.06	0.8	
3,250.10	-0.15	0.06	0.8	
4,000.10	-0.15	0.07	0.8	
5,000.10	-0.15	0.07	0.8	
6,350.10	-0.16	0.08	0.8	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

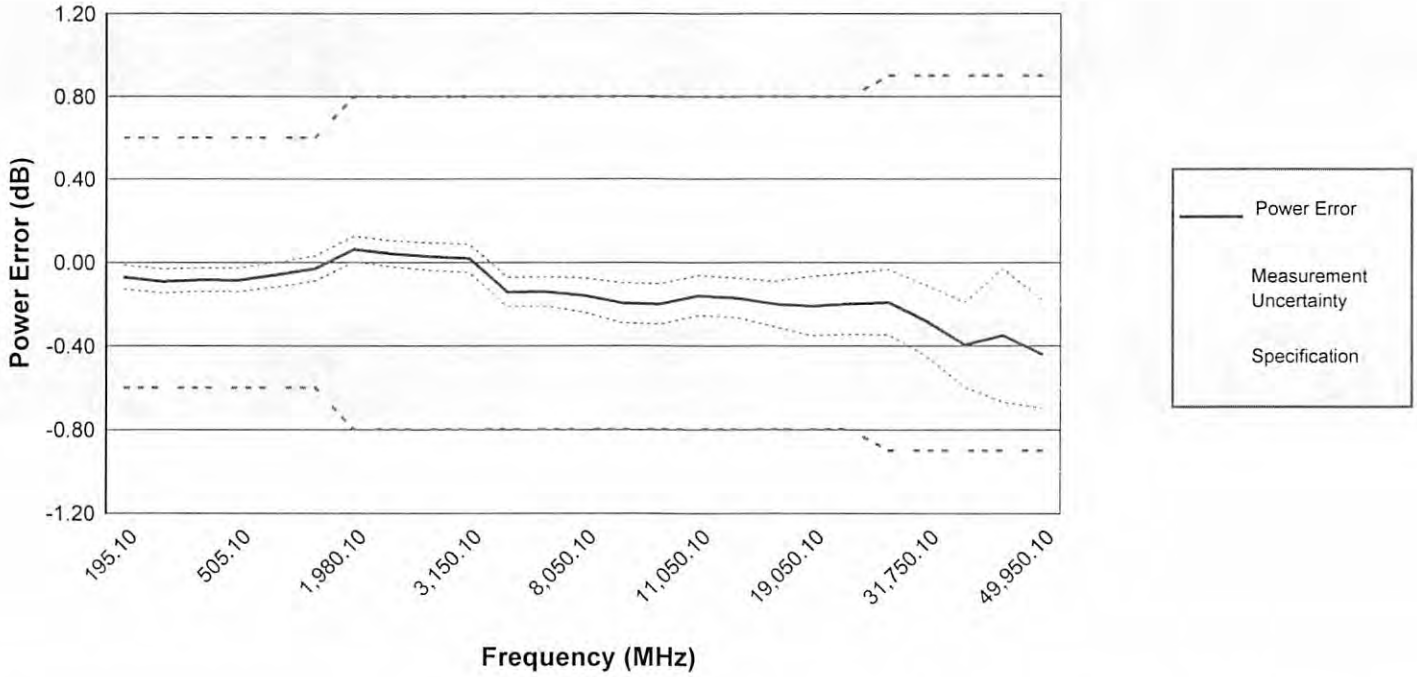
Test Power = 0.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
8,050.10	-0.16	0.08	0.8	
9,950.10	-0.10	0.07	0.8	
10,050.10	-0.09	0.07	0.8	
11,050.10	-0.09	0.09	0.8	
14,050.10	-0.16	0.09	0.8	
15,050.10	-0.22	0.09	0.8	
17,950.10	-0.03	0.09	0.8	
19,050.10	-0.20	0.14	0.8	
19,950.10	-0.20	0.14	0.8	
20,050.10	-0.18	0.15	0.9	
22,550.10	-0.23	0.15	0.9	
25,050.10	-0.31	0.13	0.9	
27,550.10	-0.26	0.22	0.9	
30,000.10	-0.25	0.17	0.9	
31,750.10	-0.27	0.17	0.9	
35,050.10	-0.18	0.20	0.9	
37,550.10	-0.10	0.22	0.9	
39,950.10	-0.34	0.20	0.9	
42,050.10	-0.53	0.21	0.9	
43,950.10	-0.34	0.32	0.9	
45,050.10	-0.26	0.35	0.9	
47,550.10	-0.17	0.35	0.9	
49,950.10	-0.41	0.26	0.9	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -10.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.06	0.6	
250.10	-0.09	0.06	0.6	
455.10	-0.08	0.06	0.6	
505.10	-0.09	0.06	0.6	
905.10	-0.06	0.06	0.6	
1,050.10	-0.03	0.06	0.6	
1,980.10	0.06	0.06	0.8	
2,050.00	0.04	0.06	0.8	
2,550.10	0.03	0.07	0.8	
3,150.10	0.02	0.07	0.8	
3,250.10	-0.14	0.07	0.8	
4,000.10	-0.14	0.07	0.8	
8,050.10	-0.16	0.08	0.8	
9,950.10	-0.20	0.10	0.8	
10,050.10	-0.20	0.10	0.8	
11,050.10	-0.16	0.10	0.8	
14,050.10	-0.17	0.09	0.8	
17,950.10	-0.20	0.11	0.8	
19,050.10	-0.21	0.14	0.8	
19,950.10	-0.20	0.15	0.8	
20,050.10	-0.19	0.16	0.9	
31,750.10	-0.28	0.17	0.9	
39,950.10	-0.40	0.20	0.9	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -10.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.35	0.32	0.9	
49,950.10	-0.44	0.26	0.9	

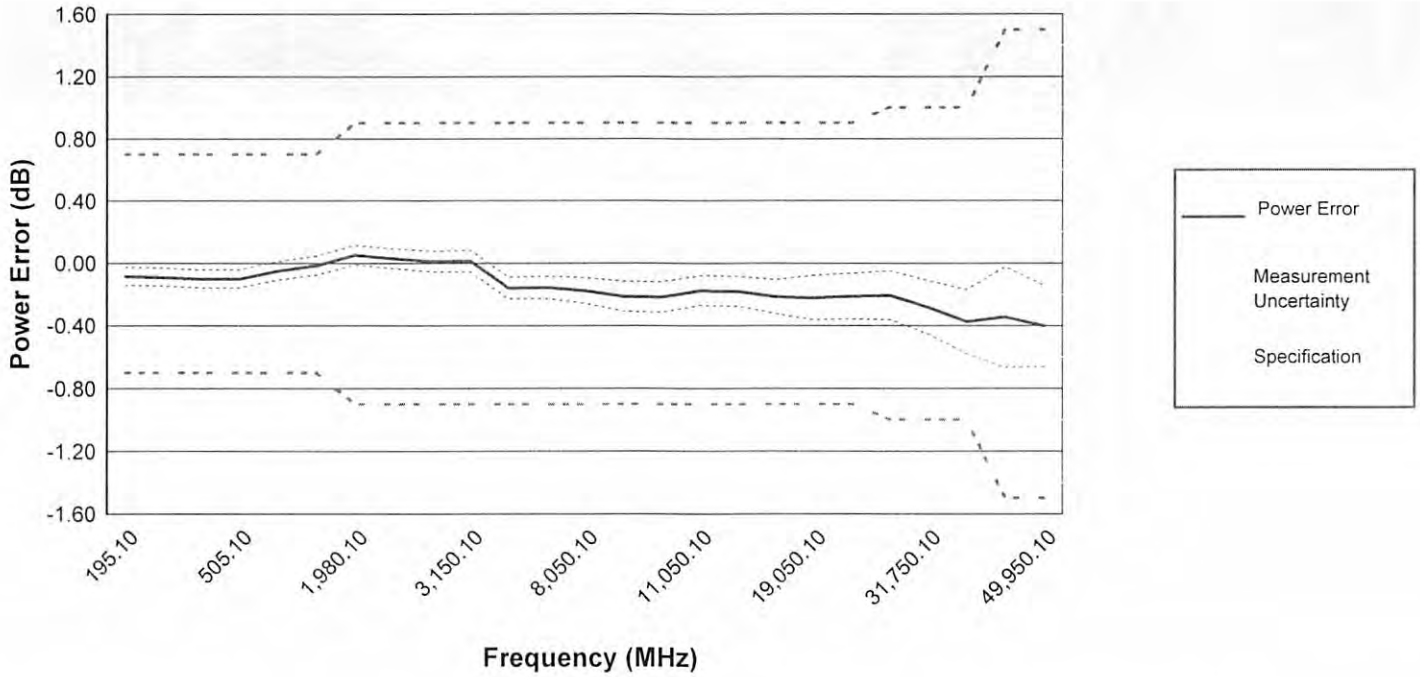
Test Power = 13.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
17,950.10	-0.19	0.11	0.8	
19,050.10	-0.20	0.14	0.8	
19,950.10	-0.20	0.15	0.8	
20,050.10	-0.17	0.16	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -15.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.06	0.7	
250.10	-0.09	0.06	0.7	
455.10	-0.10	0.06	0.7	
505.10	-0.10	0.06	0.7	
905.10	-0.05	0.06	0.7	
1,050.10	-0.02	0.06	0.7	
1,980.10	0.05	0.06	0.9	
2,050.00	0.03	0.06	0.9	
2,550.10	0.01	0.07	0.9	
3,150.10	0.01	0.07	0.9	
3,250.10	-0.16	0.07	0.9	
4,000.10	-0.16	0.07	0.9	
8,050.10	-0.18	0.08	0.9	
9,950.10	-0.21	0.10	0.9	
10,050.10	-0.22	0.10	0.9	
11,050.10	-0.18	0.10	0.9	
14,050.10	-0.18	0.09	0.9	
17,950.10	-0.22	0.11	0.9	
19,050.10	-0.22	0.14	0.9	
19,950.10	-0.21	0.15	0.9	
20,050.10	-0.21	0.16	1.0	
31,750.10	-0.28	0.17	1.0	
39,950.10	-0.37	0.20	1.0	

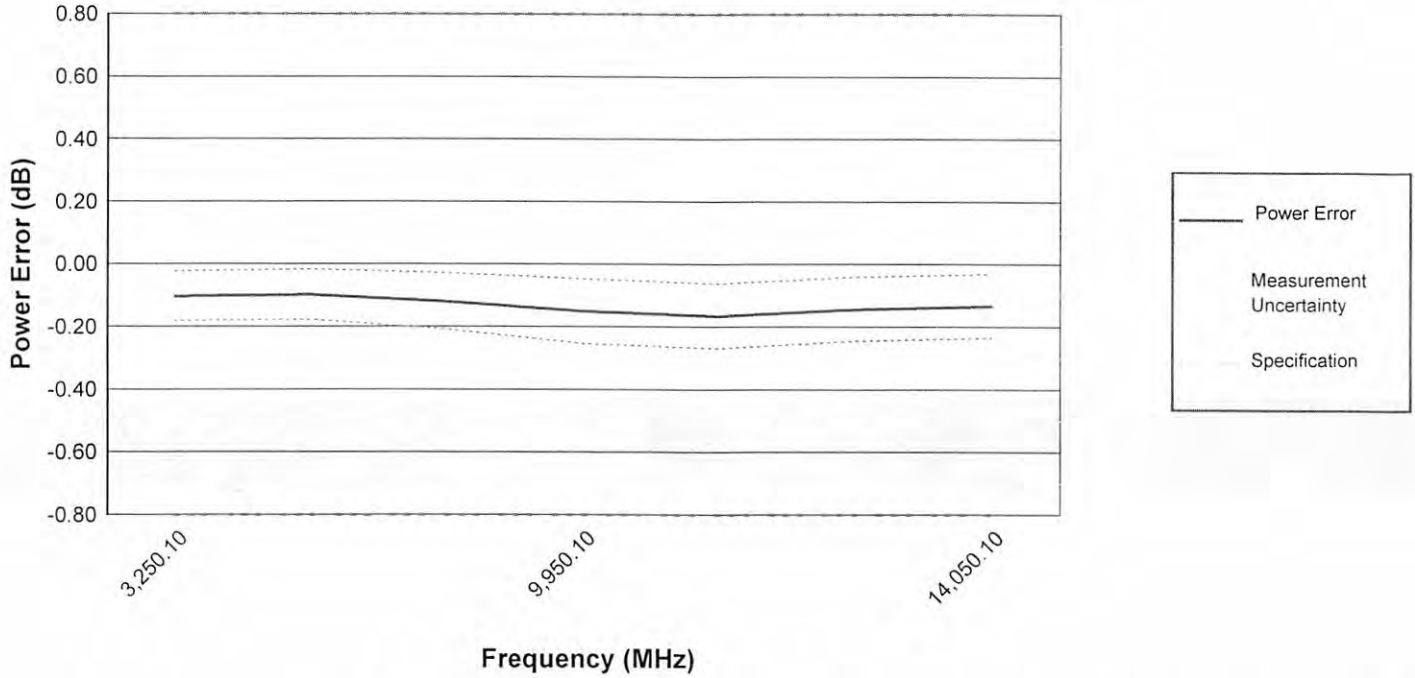
Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -15.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.35	0.32	1.5	
49,950.10	-0.40	0.26	1.5	

Test Power = 17.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
3,250.10	-0.10	0.08	0.8	
4,000.10	-0.10	0.08	0.8	
8,050.10	-0.12	0.09	0.8	
9,950.10	-0.15	0.10	0.8	
10,050.10	-0.17	0.10	0.8	
11,050.10	-0.14	0.10	0.8	
14,050.10	-0.13	0.10	0.8	

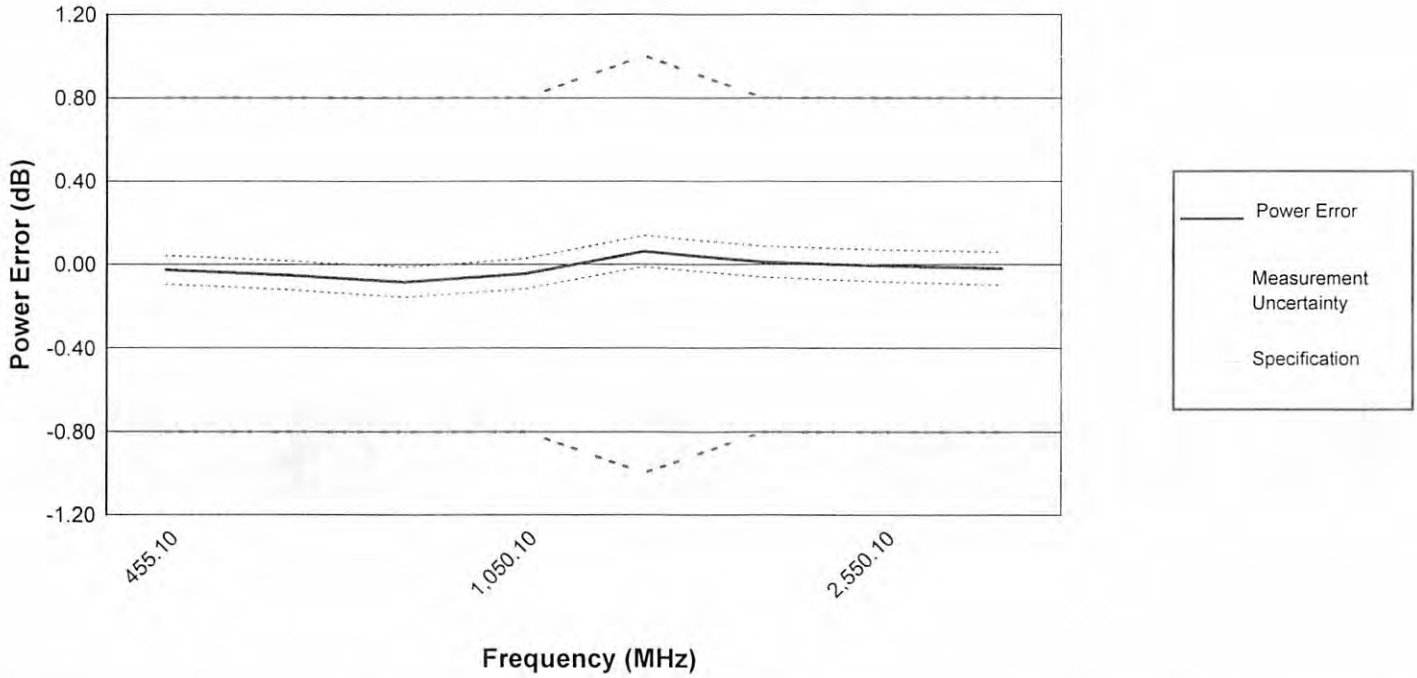
Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = 18.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	0.00	0.07	0.8	
250.10	-0.03	0.07	0.8	

Test Power = 19.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

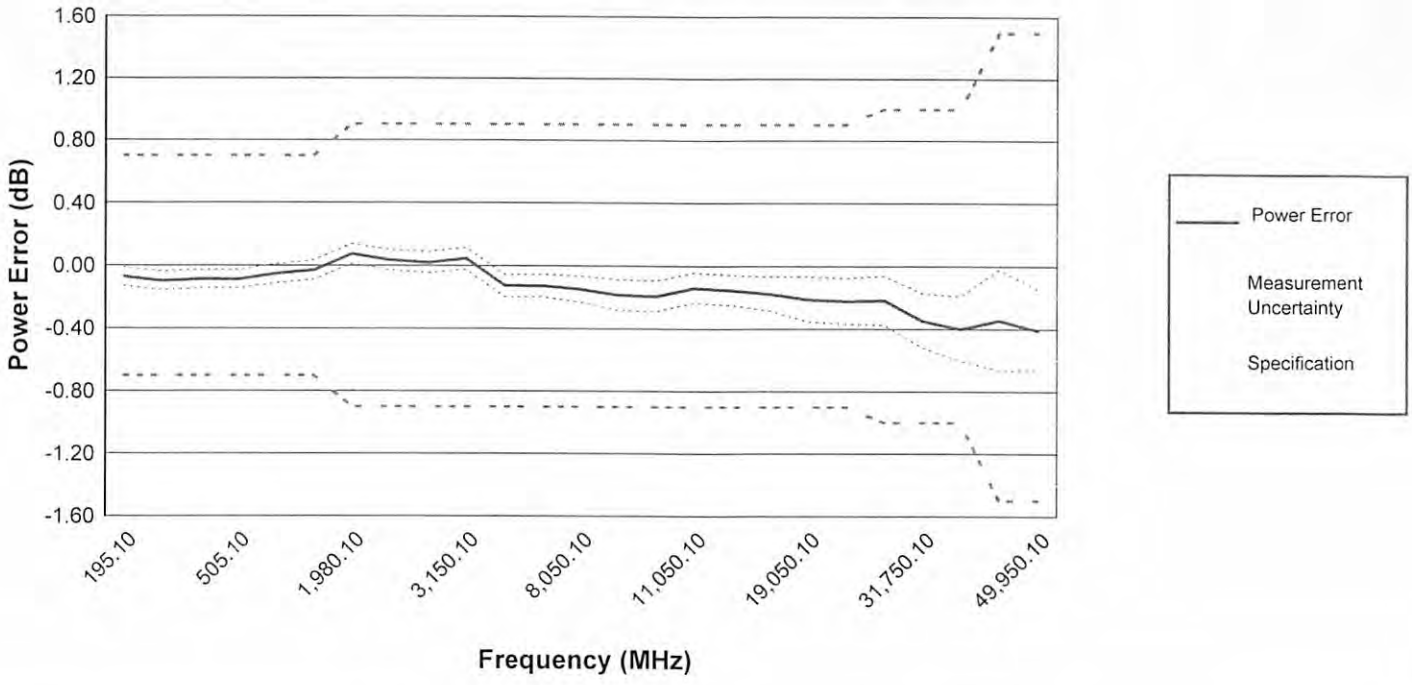


Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
455.10	-0.03	0.07	0.8	
505.10	-0.05	0.07	0.8	
905.10	-0.09	0.07	0.8	
1,050.10	-0.05	0.07	0.8	
1,980.10	0.06	0.08	1.0	
2,050.00	0.01	0.07	0.8	
2,550.10	-0.01	0.08	0.8	
3,150.10	-0.02	0.08	0.8	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -20.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.06	0.7	
250.10	-0.10	0.06	0.7	
455.10	-0.09	0.06	0.7	
505.10	-0.09	0.06	0.7	
905.10	-0.05	0.06	0.7	
1,050.10	-0.03	0.06	0.7	
1,980.10	0.07	0.06	0.9	
2,050.00	0.03	0.06	0.9	
2,550.10	0.02	0.07	0.9	
3,150.10	0.04	0.07	0.9	
3,250.10	-0.13	0.07	0.9	
4,000.10	-0.13	0.07	0.9	
8,050.10	-0.15	0.08	0.9	
9,950.10	-0.19	0.10	0.9	
10,050.10	-0.19	0.10	0.9	
11,050.10	-0.14	0.10	0.9	
14,050.10	-0.15	0.10	0.9	
17,950.10	-0.18	0.11	0.9	
19,050.10	-0.21	0.14	0.9	
19,950.10	-0.22	0.15	0.9	
20,050.10	-0.22	0.16	1.0	
31,750.10	-0.35	0.17	1.0	
39,950.10	-0.40	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

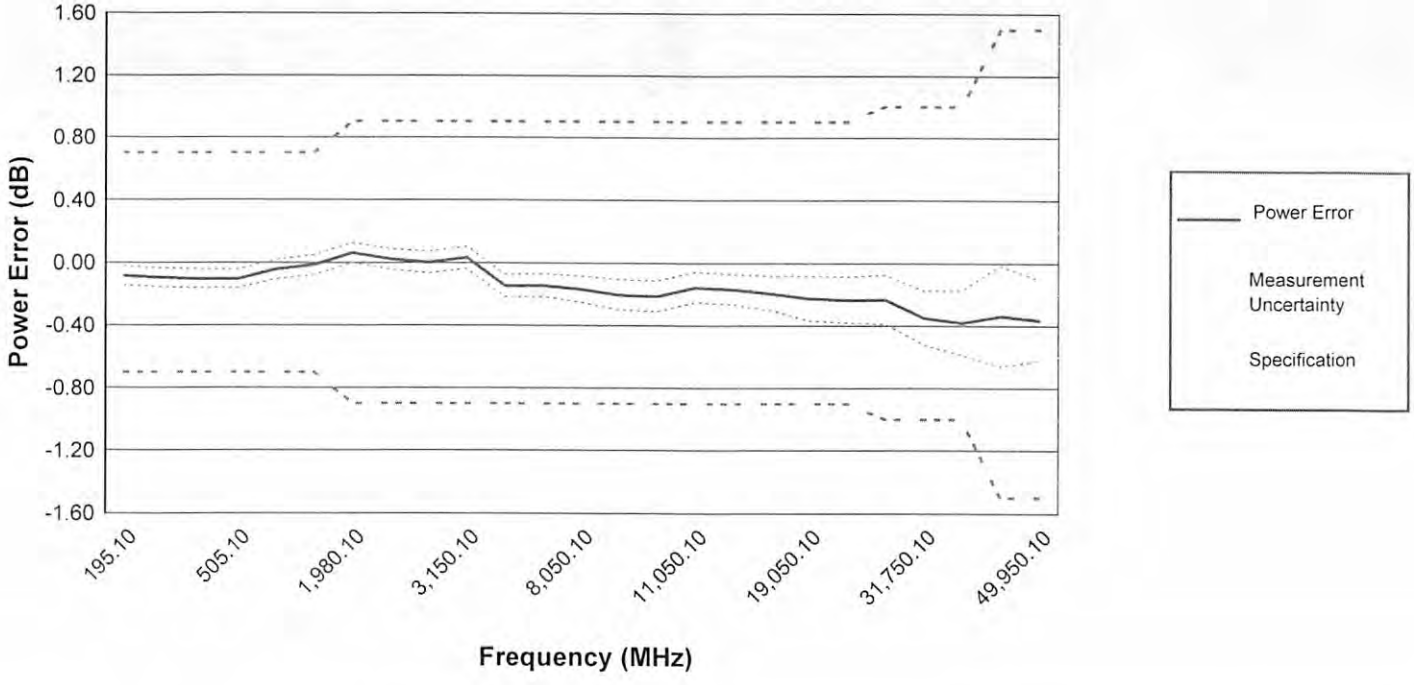
Test Power = -20.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.34	0.32	1.5	
49,950.10	-0.41	0.26	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -25.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.06	0.7	
250.10	-0.10	0.06	0.7	
455.10	-0.10	0.06	0.7	
505.10	-0.10	0.06	0.7	
905.10	-0.04	0.06	0.7	
1,050.10	-0.01	0.06	0.7	
1,980.10	0.06	0.06	0.9	
2,050.00	0.02	0.07	0.9	
2,550.10	0.00	0.07	0.9	
3,150.10	0.03	0.07	0.9	
3,250.10	-0.15	0.07	0.9	
4,000.10	-0.14	0.07	0.9	
8,050.10	-0.17	0.08	0.9	
9,950.10	-0.20	0.10	0.9	
10,050.10	-0.21	0.10	0.9	
11,050.10	-0.15	0.10	0.9	
14,050.10	-0.17	0.10	0.9	
17,950.10	-0.19	0.11	0.9	
19,050.10	-0.22	0.14	0.9	
19,950.10	-0.23	0.15	0.9	
20,050.10	-0.23	0.16	1.0	
31,750.10	-0.35	0.17	1.0	
39,950.10	-0.38	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

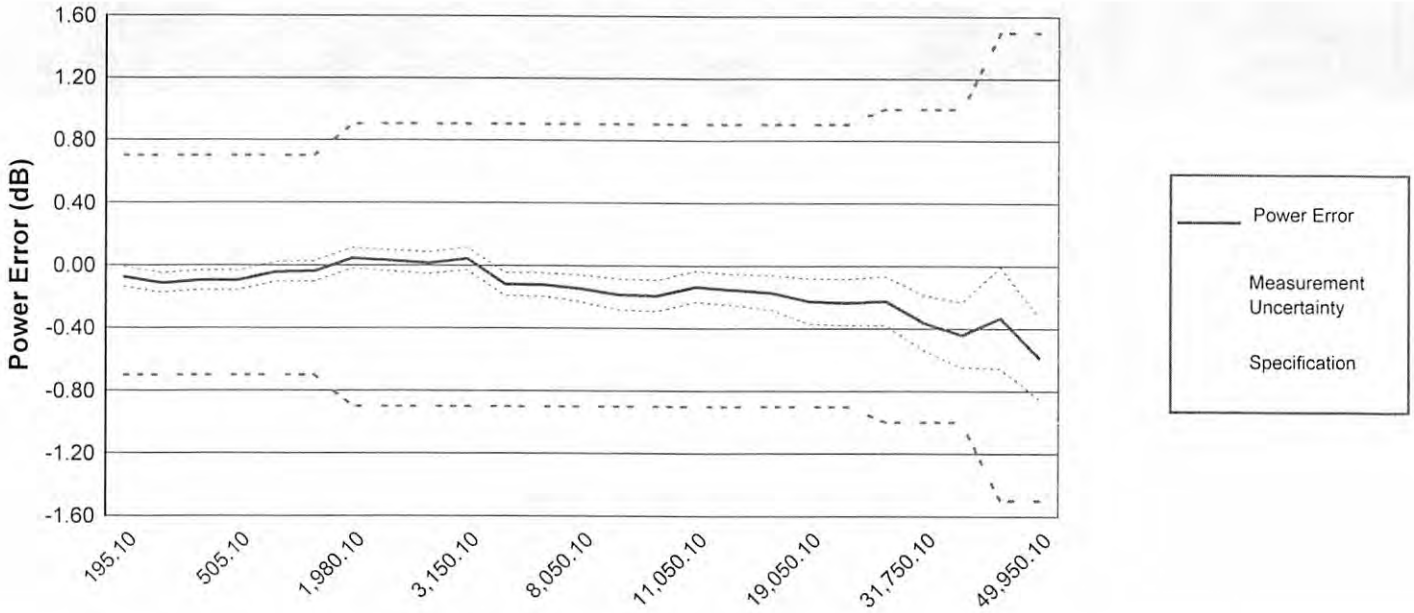
Test Power = -25.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.34	0.32	1.5	
49,950.10	-0.37	0.26	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -30.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.06	0.7	
250.10	-0.11	0.06	0.7	
455.10	-0.10	0.06	0.7	
505.10	-0.10	0.06	0.7	
905.10	-0.04	0.06	0.7	
1,050.10	-0.04	0.07	0.7	
1,980.10	0.05	0.07	0.9	
2,050.00	0.03	0.07	0.9	
2,550.10	0.02	0.07	0.9	
3,150.10	0.04	0.07	0.9	
3,250.10	-0.12	0.07	0.9	
4,000.10	-0.12	0.07	0.9	
8,050.10	-0.15	0.09	0.9	
9,950.10	-0.18	0.10	0.9	
10,050.10	-0.19	0.10	0.9	
11,050.10	-0.13	0.10	0.9	
14,050.10	-0.15	0.10	0.9	
17,950.10	-0.17	0.11	0.9	
19,050.10	-0.23	0.14	0.9	
19,950.10	-0.23	0.15	0.9	
20,050.10	-0.22	0.16	1.0	
31,750.10	-0.36	0.18	1.0	
39,950.10	-0.44	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

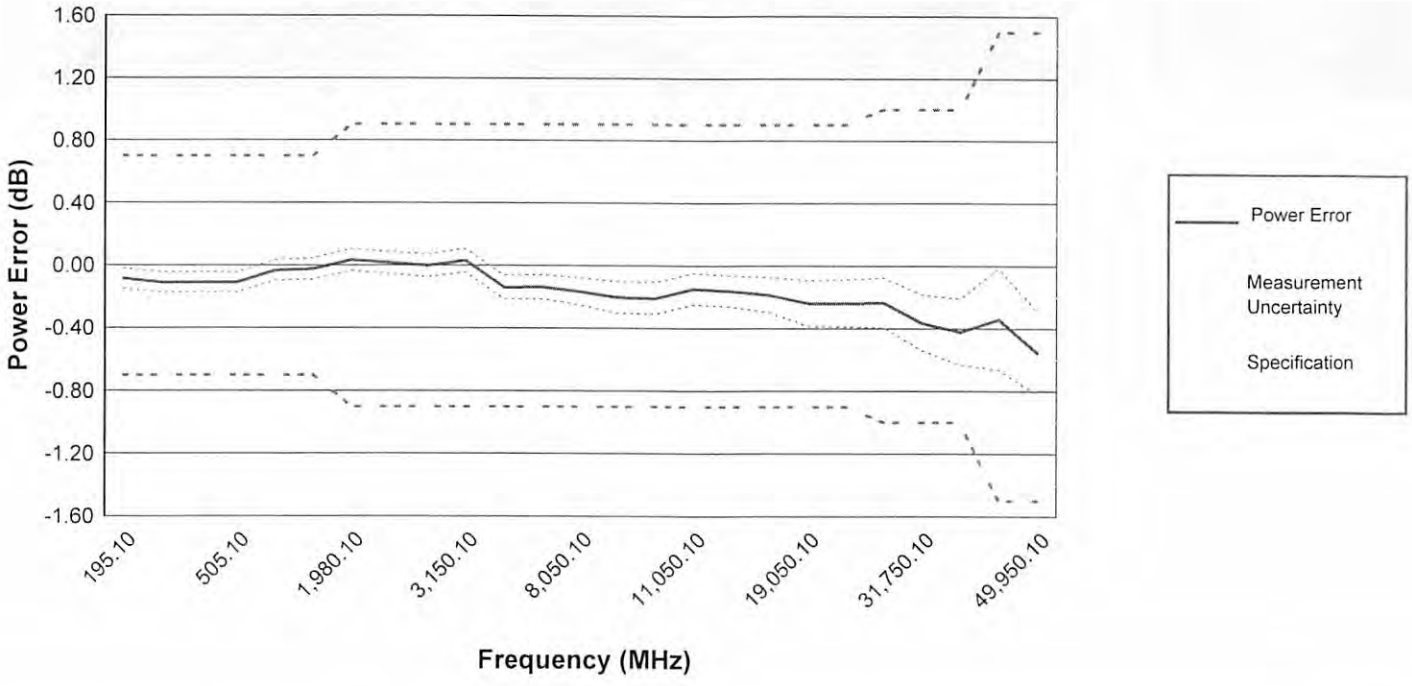
Test Power = -30.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.33	0.32	1.5	
49,950.10	-0.59	0.26	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -35.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.07	0.7	
250.10	-0.11	0.06	0.7	
455.10	-0.11	0.06	0.7	
505.10	-0.11	0.06	0.7	
905.10	-0.03	0.07	0.7	
1,050.10	-0.02	0.07	0.7	
1,980.10	0.03	0.07	0.9	
2,050.00	0.02	0.07	0.9	
2,550.10	0.00	0.07	0.9	
3,150.10	0.03	0.08	0.9	
3,250.10	-0.14	0.08	0.9	
4,000.10	-0.14	0.08	0.9	
8,050.10	-0.17	0.09	0.9	
9,950.10	-0.20	0.10	0.9	
10,050.10	-0.21	0.10	0.9	
11,050.10	-0.15	0.10	0.9	
14,050.10	-0.16	0.10	0.9	
17,950.10	-0.19	0.11	0.9	
19,050.10	-0.24	0.14	0.9	
19,950.10	-0.24	0.15	0.9	
20,050.10	-0.24	0.16	1.0	
31,750.10	-0.36	0.18	1.0	
39,950.10	-0.42	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

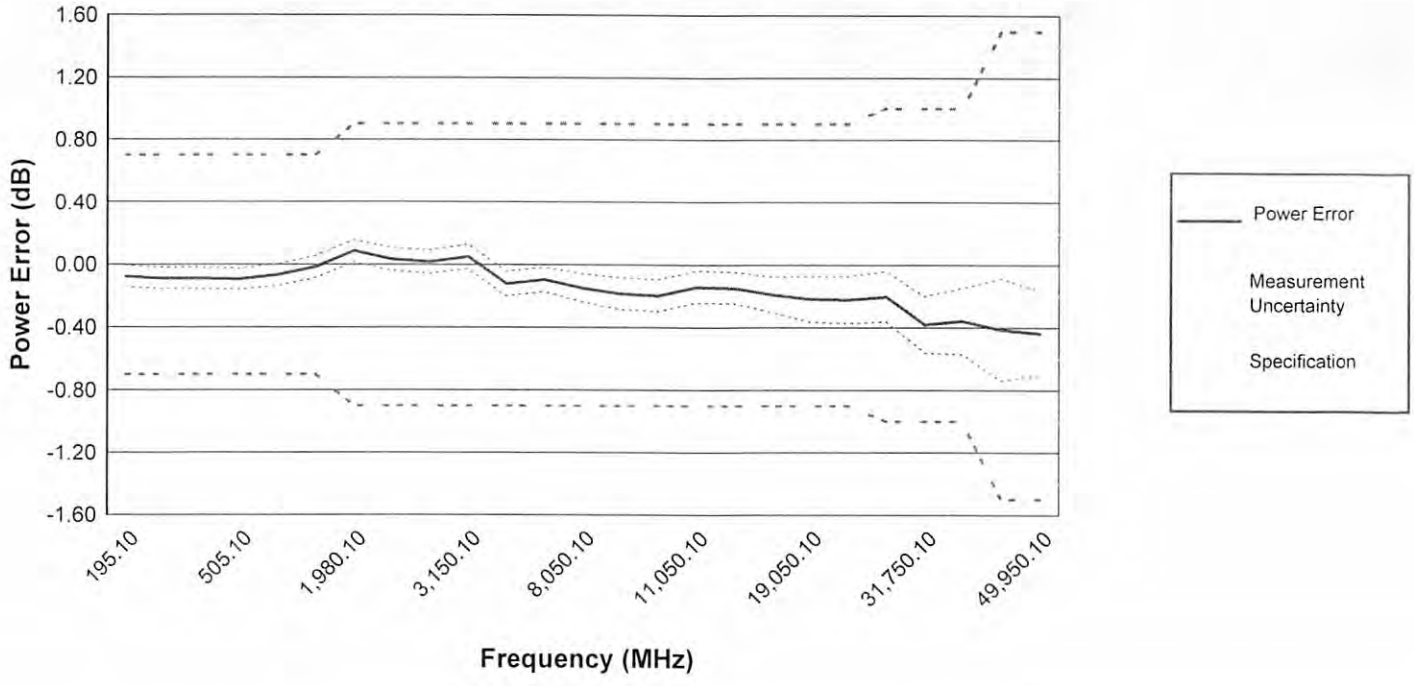
Test Power = -35.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.34	0.33	1.5	
49,950.10	-0.55	0.27	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -40.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.07	0.7	
250.10	-0.09	0.07	0.7	
455.10	-0.09	0.07	0.7	
505.10	-0.09	0.07	0.7	
905.10	-0.07	0.07	0.7	
1,050.10	-0.02	0.07	0.7	
1,980.10	0.09	0.07	0.9	
2,050.00	0.03	0.07	0.9	
2,550.10	0.02	0.08	0.9	
3,150.10	0.05	0.08	0.9	
3,250.10	-0.12	0.08	0.9	
4,000.10	-0.10	0.08	0.9	
8,050.10	-0.15	0.09	0.9	
9,950.10	-0.18	0.10	0.9	
10,050.10	-0.20	0.10	0.9	
11,050.10	-0.14	0.10	0.9	
14,050.10	-0.15	0.10	0.9	
17,950.10	-0.19	0.11	0.9	
19,050.10	-0.22	0.15	0.9	
19,950.10	-0.22	0.15	0.9	
20,050.10	-0.20	0.16	1.0	
31,750.10	-0.38	0.18	1.0	
39,950.10	-0.36	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

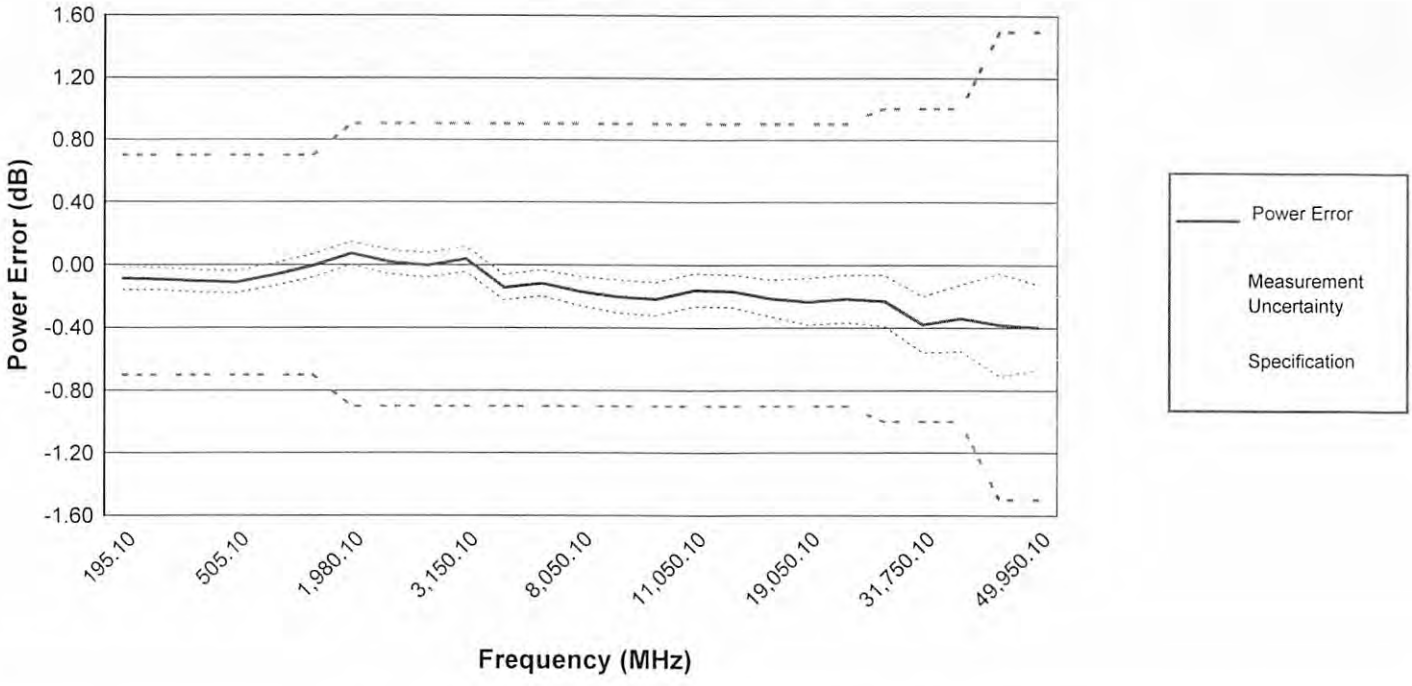
Test Power = -40.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.41	0.33	1.5	
49,950.10	-0.44	0.27	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -45.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.07	0.7	
250.10	-0.09	0.07	0.7	
455.10	-0.10	0.07	0.7	
505.10	-0.11	0.07	0.7	
905.10	-0.06	0.07	0.7	
1,050.10	-0.01	0.07	0.7	
1,980.10	0.07	0.07	0.9	
2,050.00	0.02	0.08	0.9	
2,550.10	0.00	0.08	0.9	
3,150.10	0.04	0.08	0.9	
3,250.10	-0.14	0.08	0.9	
4,000.10	-0.12	0.08	0.9	
8,050.10	-0.17	0.09	0.9	
9,950.10	-0.20	0.10	0.9	
10,050.10	-0.22	0.11	0.9	
11,050.10	-0.16	0.10	0.9	
14,050.10	-0.17	0.10	0.9	
17,950.10	-0.21	0.12	0.9	
19,050.10	-0.23	0.15	0.9	
19,950.10	-0.21	0.15	0.9	
20,050.10	-0.23	0.16	1.0	
31,750.10	-0.38	0.18	1.0	
39,950.10	-0.34	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

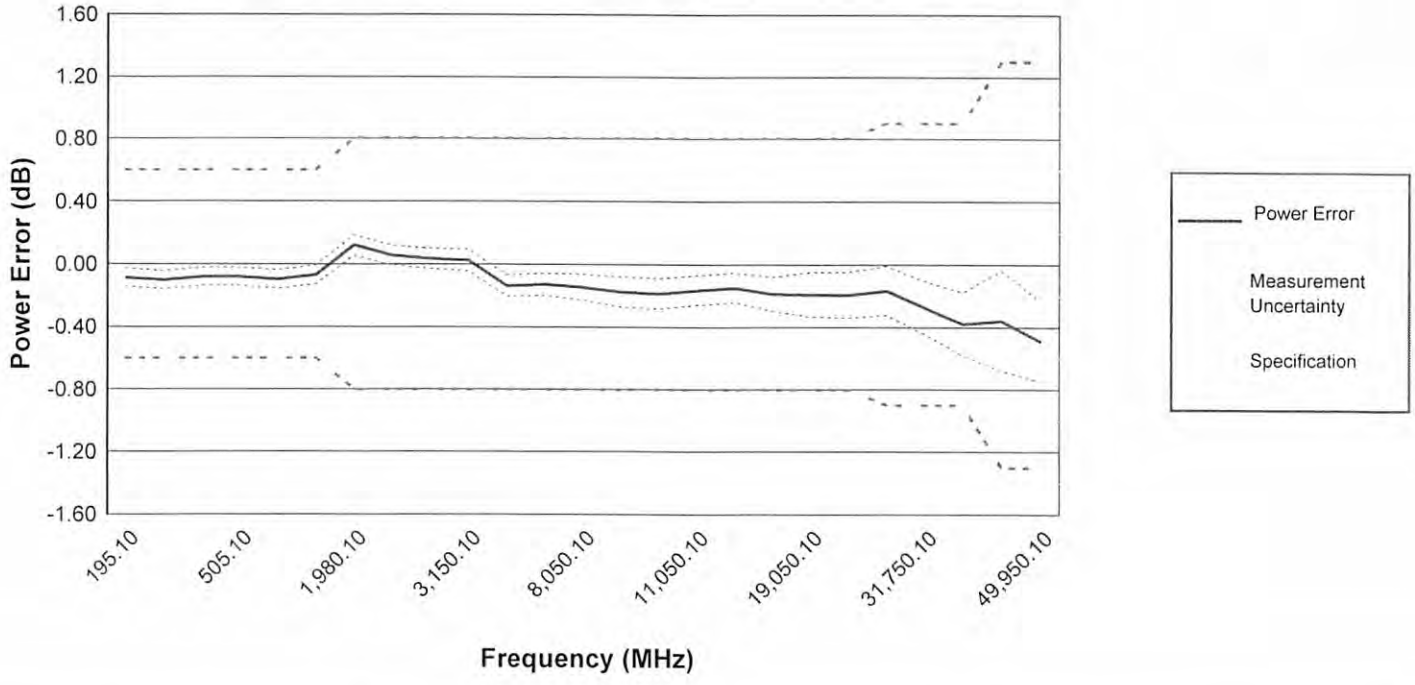
Test Power = -45.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.38	0.33	1.5	
49,950.10	-0.40	0.27	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = 5.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.06	0.6	
250.10	-0.10	0.06	0.6	
455.10	-0.08	0.06	0.6	
505.10	-0.08	0.06	0.6	
905.10	-0.10	0.06	0.6	
1,050.10	-0.07	0.06	0.6	
1,980.10	0.12	0.06	0.8	
2,050.00	0.06	0.06	0.8	
2,550.10	0.03	0.07	0.8	
3,150.10	0.03	0.07	0.8	
3,250.10	-0.14	0.07	0.8	
4,000.10	-0.13	0.07	0.8	
8,050.10	-0.15	0.08	0.8	
9,950.10	-0.18	0.10	0.8	
10,050.10	-0.19	0.10	0.8	
11,050.10	-0.17	0.09	0.8	
14,050.10	-0.15	0.09	0.8	
17,950.10	-0.19	0.11	0.8	
19,050.10	-0.19	0.14	0.8	
19,950.10	-0.19	0.14	0.8	
20,050.10	-0.17	0.16	0.9	
31,750.10	-0.28	0.17	0.9	
39,950.10	-0.38	0.20	0.9	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

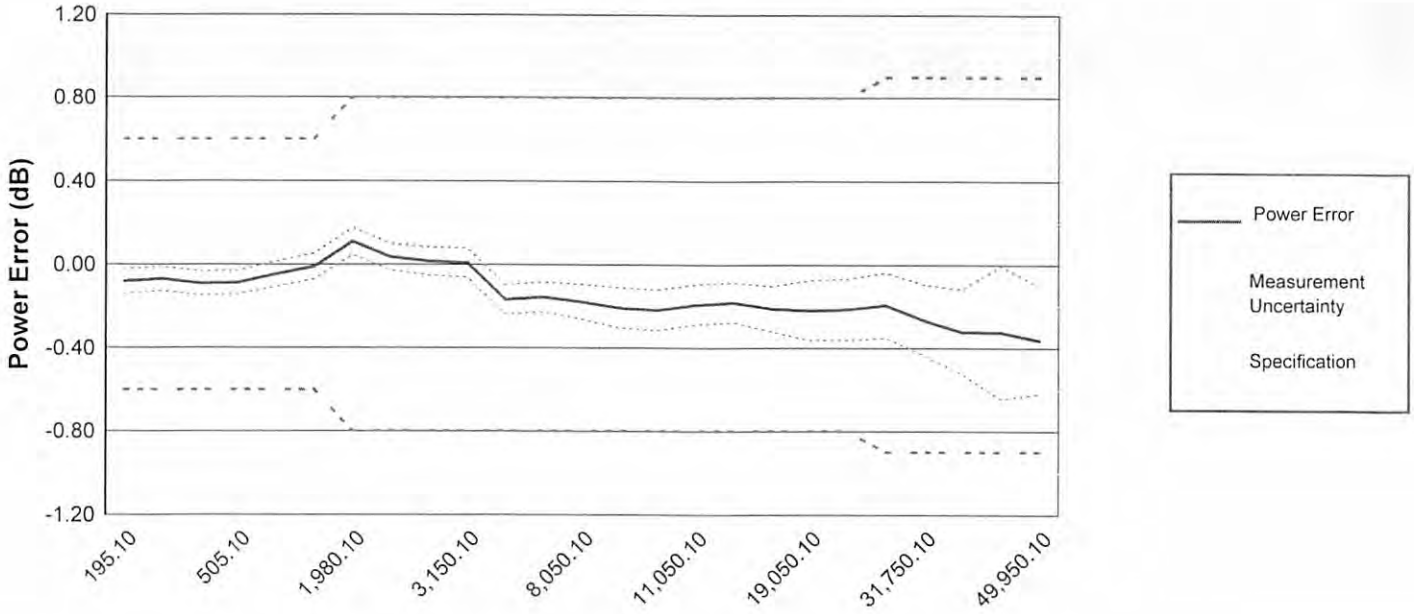
Test Power = 5.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.36	0.32	1.3	
49,950.10	-0.49	0.26	1.3	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -5.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.06	0.6	
250.10	-0.07	0.06	0.6	
455.10	-0.09	0.06	0.6	
505.10	-0.09	0.06	0.6	
905.10	-0.05	0.06	0.6	
1,050.10	-0.01	0.06	0.6	
1,980.10	0.11	0.06	0.8	
2,050.00	0.04	0.06	0.8	
2,550.10	0.02	0.07	0.8	
3,150.10	0.01	0.07	0.8	
3,250.10	-0.17	0.07	0.8	
4,000.10	-0.16	0.07	0.8	
8,050.10	-0.18	0.08	0.8	
9,950.10	-0.21	0.10	0.8	
10,050.10	-0.22	0.10	0.8	
11,050.10	-0.19	0.10	0.8	
14,050.10	-0.18	0.10	0.8	
17,950.10	-0.21	0.11	0.8	
19,050.10	-0.22	0.14	0.8	
19,950.10	-0.21	0.15	0.8	
20,050.10	-0.19	0.16	0.9	
31,750.10	-0.27	0.17	0.9	
39,950.10	-0.32	0.20	0.9	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

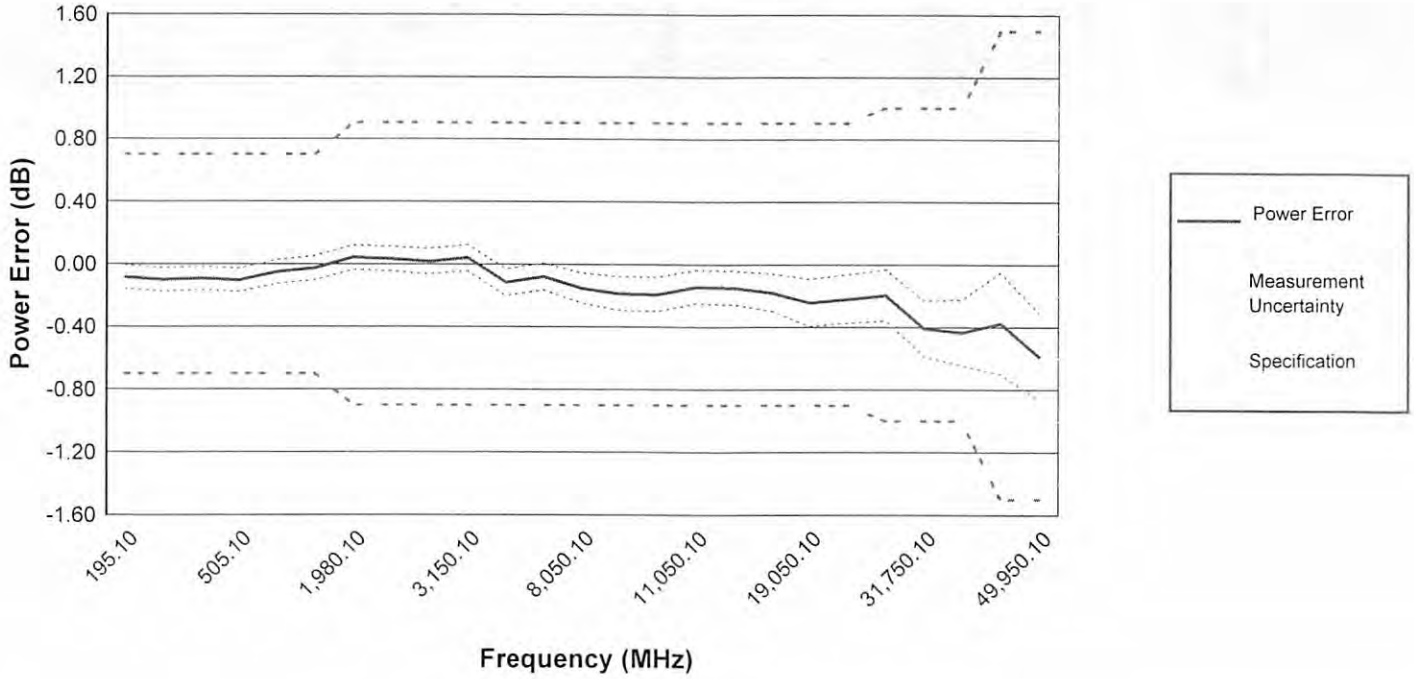
Test Power = -5.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.32	0.32	0.9	
49,950.10	-0.36	0.26	0.9	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -50.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.08	0.7	
250.10	-0.10	0.07	0.7	
455.10	-0.09	0.07	0.7	
505.10	-0.10	0.07	0.7	
905.10	-0.05	0.08	0.7	
1,050.10	-0.03	0.08	0.7	
1,980.10	0.04	0.08	0.9	
2,050.00	0.03	0.08	0.9	
2,550.10	0.02	0.08	0.9	
3,150.10	0.04	0.08	0.9	
3,250.10	-0.12	0.09	0.9	
4,000.10	-0.08	0.09	0.9	
8,050.10	-0.15	0.10	0.9	
9,950.10	-0.19	0.11	0.9	
10,050.10	-0.19	0.11	0.9	
11,050.10	-0.14	0.11	0.9	
14,050.10	-0.15	0.11	0.9	
17,950.10	-0.18	0.12	0.9	
19,050.10	-0.24	0.15	0.9	
19,950.10	-0.22	0.15	0.9	
20,050.10	-0.20	0.16	1.0	
31,750.10	-0.41	0.18	1.0	
39,950.10	-0.44	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

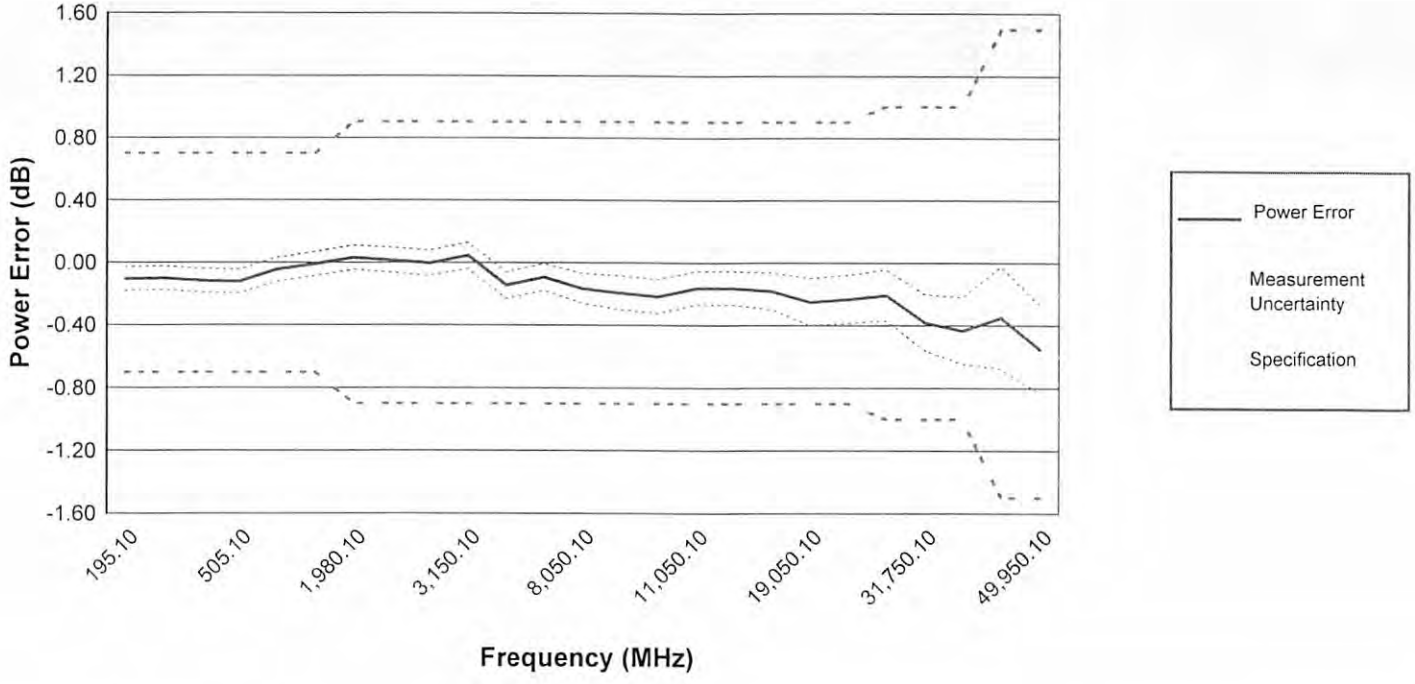
Test Power = -50.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.38	0.33	1.5	
49,950.10	-0.59	0.28	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -55.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.11	0.08	0.7	
250.10	-0.10	0.08	0.7	
455.10	-0.12	0.08	0.7	
505.10	-0.12	0.08	0.7	
905.10	-0.04	0.08	0.7	
1,050.10	-0.01	0.08	0.7	
1,980.10	0.03	0.08	0.9	
2,050.00	0.02	0.08	0.9	
2,550.10	0.00	0.08	0.9	
3,150.10	0.04	0.09	0.9	
3,250.10	-0.14	0.09	0.9	
4,000.10	-0.09	0.09	0.9	
8,050.10	-0.16	0.10	0.9	
9,950.10	-0.19	0.11	0.9	
10,050.10	-0.22	0.11	0.9	
11,050.10	-0.16	0.11	0.9	
14,050.10	-0.16	0.11	0.9	
17,950.10	-0.18	0.12	0.9	
19,050.10	-0.25	0.15	0.9	
19,950.10	-0.23	0.15	0.9	
20,050.10	-0.21	0.16	1.0	
31,750.10	-0.38	0.18	1.0	
39,950.10	-0.43	0.21	1.0	

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1233734-2021-06-21-63OL

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

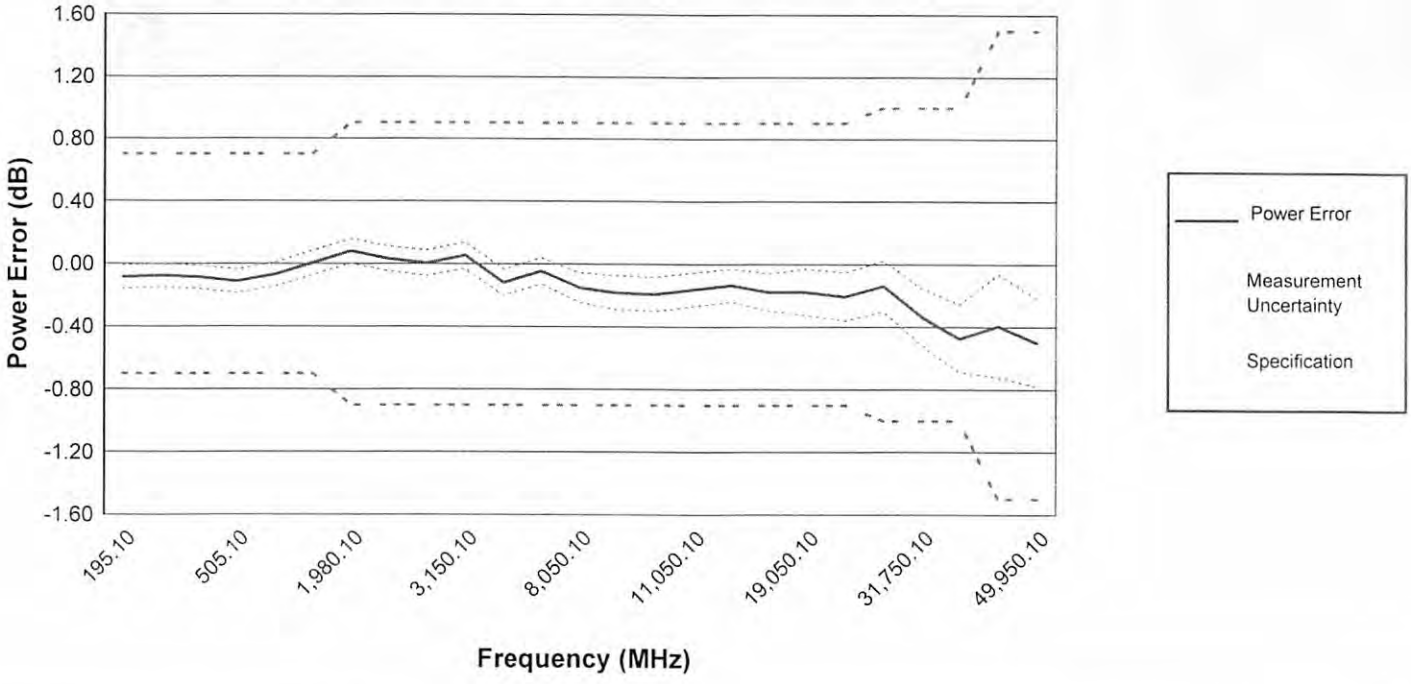
Test Power = -55.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.35	0.33	1.5	
49,950.10	-0.55	0.28	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -60.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.08	0.7	
250.10	-0.08	0.07	0.7	
455.10	-0.09	0.07	0.7	
505.10	-0.11	0.07	0.7	
905.10	-0.07	0.08	0.7	
1,050.10	0.00	0.08	0.7	
1,980.10	0.08	0.08	0.9	
2,050.00	0.03	0.08	0.9	
2,550.10	0.00	0.08	0.9	
3,150.10	0.05	0.08	0.9	
3,250.10	-0.12	0.08	0.9	
4,000.10	-0.05	0.09	0.9	
8,050.10	-0.15	0.10	0.9	
9,950.10	-0.19	0.11	0.9	
10,050.10	-0.19	0.11	0.9	
11,050.10	-0.16	0.11	0.9	
14,050.10	-0.14	0.11	0.9	
17,950.10	-0.18	0.12	0.9	
19,050.10	-0.18	0.15	0.9	
19,950.10	-0.21	0.15	0.9	
20,050.10	-0.14	0.16	1.0	
31,750.10	-0.34	0.18	1.0	
39,950.10	-0.47	0.21	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

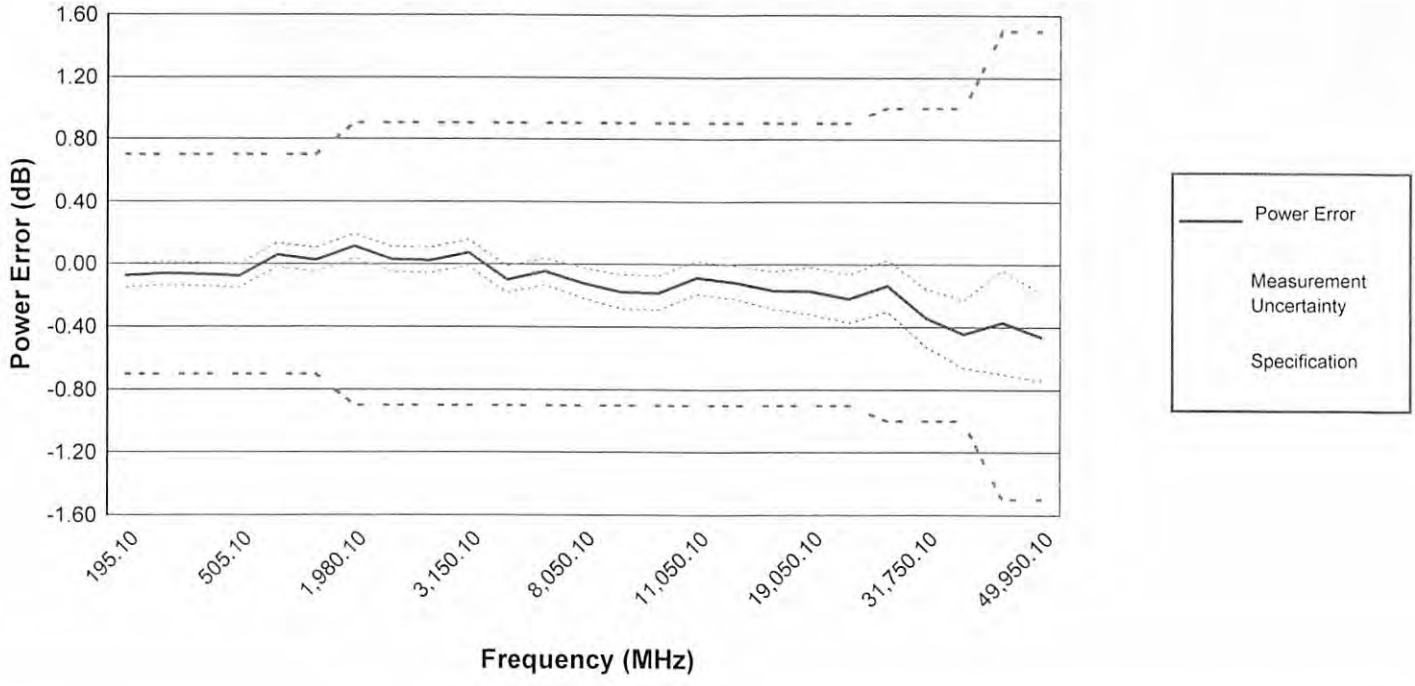
Test Power = -60.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.39	0.33	1.5	
49,950.10	-0.50	0.28	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -65.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.08	0.7	
250.10	-0.06	0.08	0.7	
455.10	-0.07	0.07	0.7	
505.10	-0.08	0.07	0.7	
905.10	0.06	0.08	0.7	
1,050.10	0.03	0.08	0.7	
1,980.10	0.11	0.08	0.9	
2,050.00	0.03	0.08	0.9	
2,550.10	0.02	0.08	0.9	
3,150.10	0.07	0.08	0.9	
3,250.10	-0.10	0.08	0.9	
4,000.10	-0.05	0.09	0.9	
8,050.10	-0.12	0.10	0.9	
9,950.10	-0.18	0.11	0.9	
10,050.10	-0.18	0.11	0.9	
11,050.10	-0.09	0.11	0.9	
14,050.10	-0.12	0.11	0.9	
17,950.10	-0.17	0.12	0.9	
19,050.10	-0.17	0.15	0.9	
19,950.10	-0.22	0.15	0.9	
20,050.10	-0.14	0.16	1.0	
31,750.10	-0.34	0.18	1.0	
39,950.10	-0.45	0.22	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

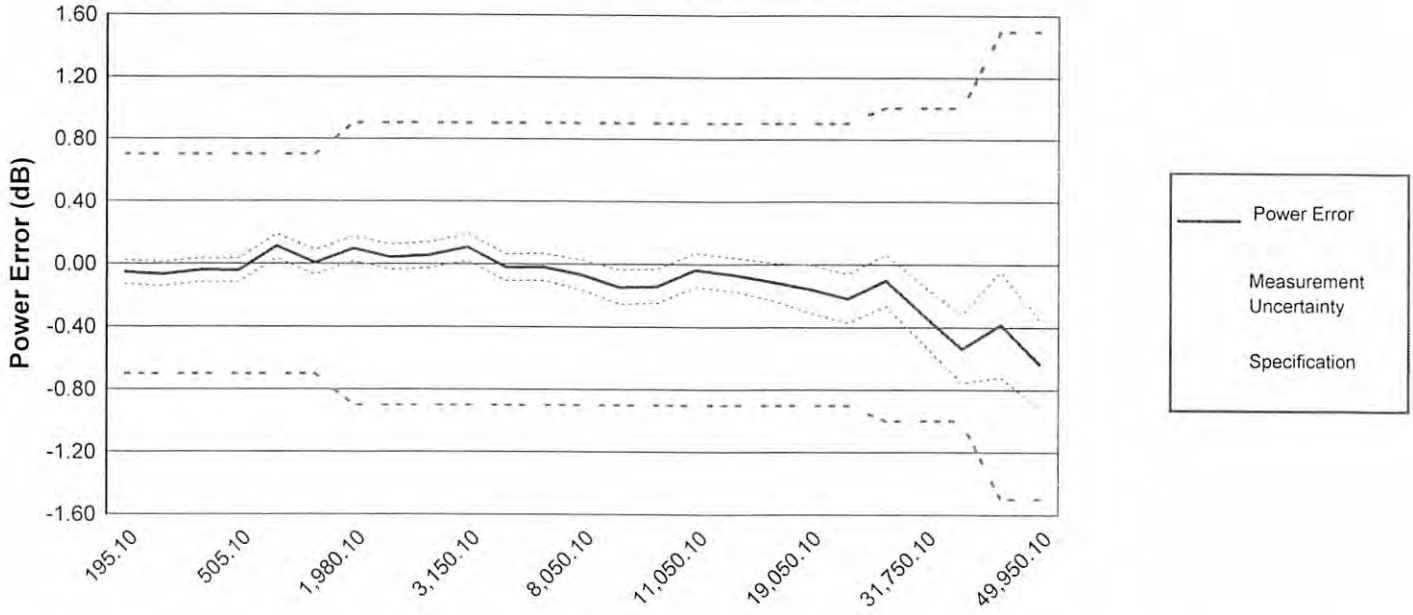
Test Power = -65.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.37	0.33	1.5	
49,950.10	-0.46	0.28	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -70.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.05	0.08	0.7	
250.10	-0.07	0.08	0.7	
455.10	-0.04	0.08	0.7	
505.10	-0.04	0.08	0.7	
905.10	0.11	0.08	0.7	
1,050.10	0.01	0.08	0.7	
1,980.10	0.10	0.08	0.9	
2,050.00	0.04	0.08	0.9	
2,550.10	0.06	0.08	0.9	
3,150.10	0.11	0.09	0.9	
3,250.10	-0.02	0.09	0.9	
4,000.10	-0.02	0.09	0.9	
8,050.10	-0.07	0.10	0.9	
9,950.10	-0.15	0.11	0.9	
10,050.10	-0.14	0.11	0.9	
11,050.10	-0.04	0.11	0.9	
14,050.10	-0.07	0.11	0.9	
17,950.10	-0.11	0.12	0.9	
19,050.10	-0.15	0.15	0.9	
19,950.10	-0.22	0.15	0.9	
20,050.10	-0.10	0.16	1.0	
31,750.10	-0.32	0.19	1.0	
39,950.10	-0.54	0.22	1.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

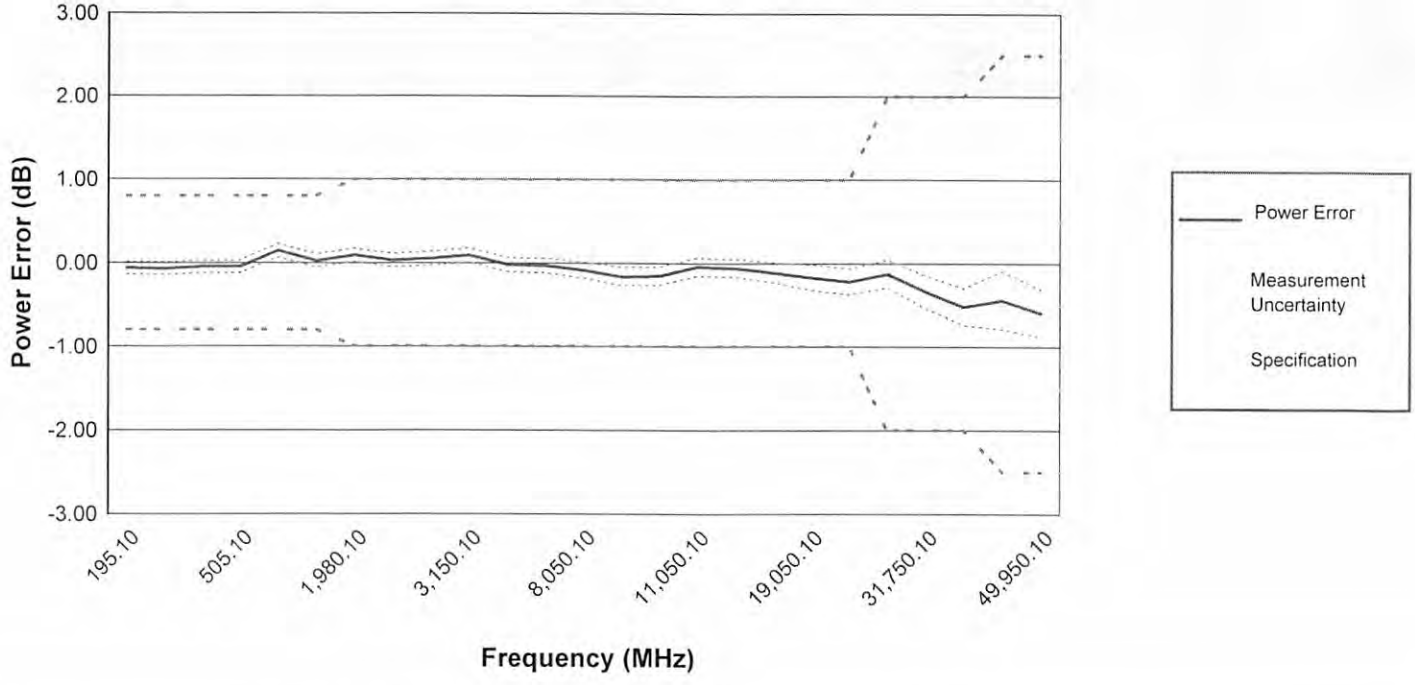
Test Power = -70.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.38	0.34	1.5	
49,950.10	-0.63	0.28	1.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -75.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.06	0.08	0.8	
250.10	-0.07	0.08	0.8	
455.10	-0.05	0.08	0.8	
505.10	-0.05	0.08	0.8	
905.10	0.15	0.08	0.8	
1,050.10	0.02	0.08	0.8	
1,980.10	0.09	0.08	1.0	
2,050.00	0.03	0.08	1.0	
2,550.10	0.05	0.08	1.0	
3,150.10	0.09	0.09	1.0	
3,250.10	-0.02	0.09	1.0	
4,000.10	-0.03	0.09	1.0	
8,050.10	-0.08	0.10	1.0	
9,950.10	-0.16	0.11	1.0	
10,050.10	-0.15	0.11	1.0	
11,050.10	-0.04	0.11	1.0	
14,050.10	-0.06	0.11	1.0	
17,950.10	-0.11	0.12	1.0	
19,050.10	-0.17	0.15	1.0	
19,950.10	-0.22	0.16	1.0	
20,050.10	-0.12	0.17	2.0	
31,750.10	-0.34	0.19	2.0	
39,950.10	-0.52	0.22	2.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

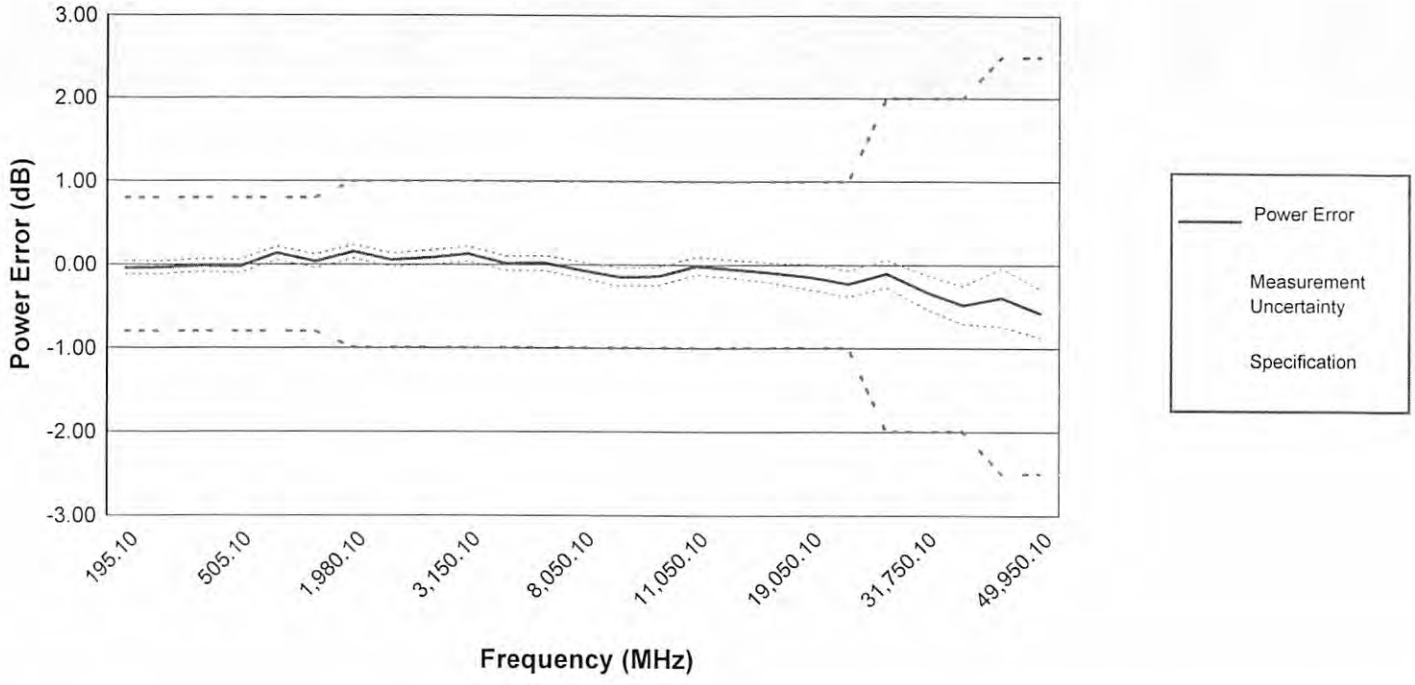
Test Power = -75.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.44	0.35	2.5	
49,950.10	-0.59	0.29	2.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -80.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.04	0.08	0.8	
250.10	-0.04	0.08	0.8	
455.10	-0.01	0.08	0.8	
505.10	-0.03	0.08	0.8	
905.10	0.14	0.08	0.8	
1,050.10	0.04	0.08	0.8	
1,980.10	0.15	0.08	1.0	
2,050.00	0.05	0.08	1.0	
2,550.10	0.08	0.09	1.0	
3,150.10	0.13	0.09	1.0	
3,250.10	0.01	0.09	1.0	
4,000.10	0.02	0.09	1.0	
8,050.10	-0.07	0.10	1.0	
9,950.10	-0.15	0.11	1.0	
10,050.10	-0.14	0.11	1.0	
11,050.10	-0.01	0.11	1.0	
14,050.10	-0.05	0.11	1.0	
17,950.10	-0.10	0.12	1.0	
19,050.10	-0.14	0.15	1.0	
19,950.10	-0.22	0.16	1.0	
20,050.10	-0.10	0.17	2.0	
31,750.10	-0.32	0.20	2.0	
39,950.10	-0.48	0.23	2.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

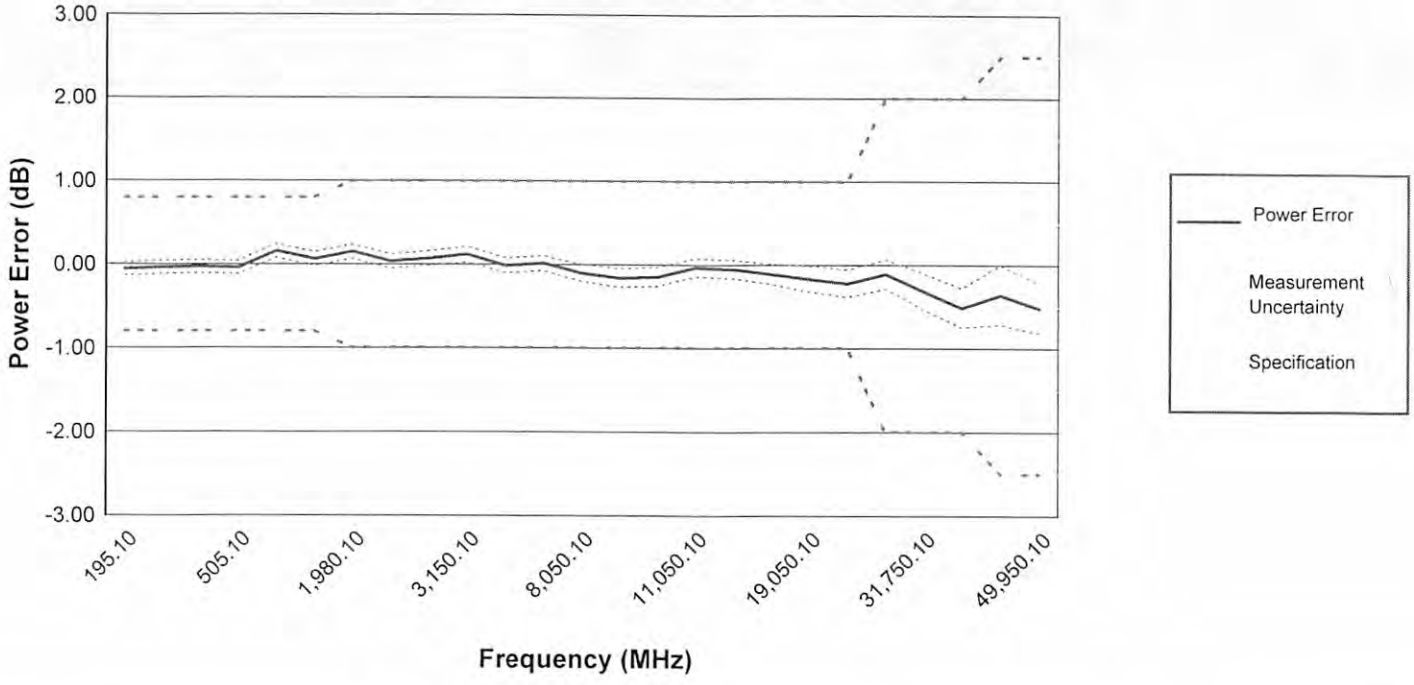
Test Power = -80.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.39	0.35	2.5	
49,950.10	-0.58	0.29	2.5	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -85.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.06	0.08	0.8	
250.10	-0.04	0.08	0.8	
455.10	-0.03	0.08	0.8	
505.10	-0.04	0.08	0.8	
905.10	0.16	0.08	0.8	
1,050.10	0.06	0.08	0.8	
1,980.10	0.15	0.08	1.0	
2,050.00	0.03	0.09	1.0	
2,550.10	0.07	0.09	1.0	
3,150.10	0.12	0.09	1.0	
3,250.10	-0.01	0.09	1.0	
4,000.10	0.01	0.09	1.0	
8,050.10	-0.10	0.10	1.0	
9,950.10	-0.16	0.11	1.0	
10,050.10	-0.15	0.11	1.0	
11,050.10	-0.03	0.11	1.0	
14,050.10	-0.05	0.11	1.0	
17,950.10	-0.11	0.12	1.0	
19,050.10	-0.17	0.15	1.0	
19,950.10	-0.22	0.16	1.0	
20,050.10	-0.11	0.17	2.0	
31,750.10	-0.32	0.22	2.0	
39,950.10	-0.51	0.23	2.0	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -85.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.36	0.36	2.5	
49,950.10	-0.52	0.30	2.5	

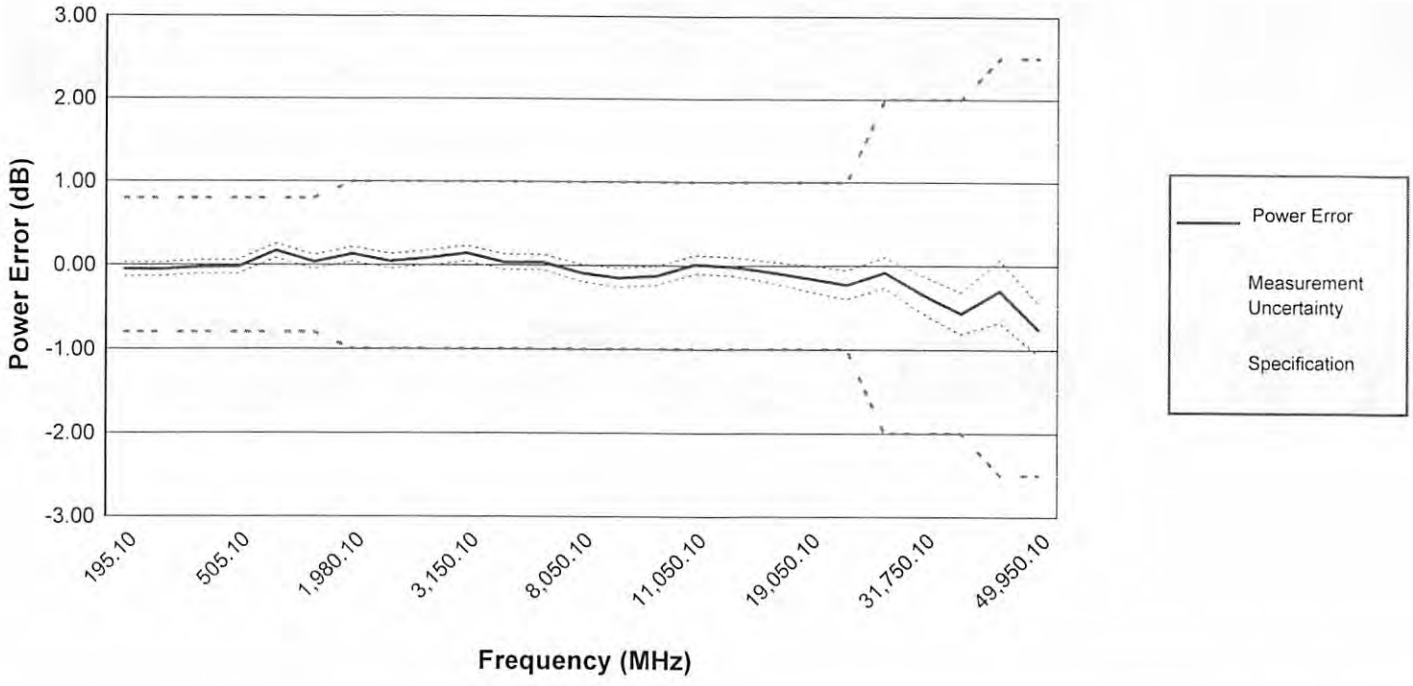
Test Power = 9.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
31,750.10	-0.30	0.17	0.9	
39,950.10	-0.43	0.20	0.9	
43,950.10	-0.41	0.32	1.3	
49,950.10	-0.59	0.26	1.3	

Power Level Accuracy

Model E8257D **Serial** MY59140095 **Test Date** 21-Jun-2021 **Test Result** Passed

Test Power = -90.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off



Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.05	0.08	0.8	
250.10	-0.05	0.08	0.8	
455.10	-0.03	0.08	0.8	
505.10	-0.03	0.08	0.8	
905.10	0.17	0.09	0.8	
1,050.10	0.03	0.09	0.8	
1,980.10	0.13	0.09	1.0	
2,050.00	0.04	0.09	1.0	
2,550.10	0.09	0.09	1.0	
3,150.10	0.14	0.09	1.0	
3,250.10	0.03	0.09	1.0	
4,000.10	0.04	0.09	1.0	
8,050.10	-0.09	0.10	1.0	
9,950.10	-0.15	0.11	1.0	
10,050.10	-0.12	0.11	1.0	
11,050.10	0.01	0.11	1.0	
14,050.10	-0.01	0.11	1.0	
17,950.10	-0.08	0.13	1.0	
19,050.10	-0.15	0.16	1.0	
19,950.10	-0.23	0.17	1.0	
20,050.10	-0.08	0.18	2.0	
31,750.10	-0.35	0.22	2.0	
39,950.10	-0.57	0.25	2.0	

Test Power = -90.00 dBm
Analog
Harmonic Filter = Off
Low Phase Noise Mode = Off

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
43,950.10	-0.30	0.37	2.5	
49,950.10	-0.76	0.31	2.5	

Test Power = 0.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
95.10	-0.04	0.05	0.6	
195.10	-0.07	0.05	0.6	

Test Power = -10.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.06	0.6	

Test Power = -15.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.06	0.7	

Test Power = -20.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.06	0.7	

Test Power = -25.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.06	0.7	

Test Power = -30.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.06	0.7	

Test Power = -35.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.07	0.7	

Test Power = -40.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.07	0.7	

Test Power = -45.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.10	0.07	0.7	

Test Power = 5.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.06	0.6	

Test Power = -5.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.06	0.6	

Test Power = -50.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.08	0.7	

Test Power = -55.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.10	0.08	0.7	

Test Power = -60.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.08	0.7	

Test Power = -65.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.09	0.08	0.7	

Test Power = -70.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.06	0.08	0.7	

Test Power = -75.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.08	0.8	

Test Power = -80.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.05	0.08	0.8	

Test Power = -85.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.07	0.08	0.8	

Test Power = 9.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.08	0.06	0.6	

Test Power = -90.00 dBm
Analog
Harmonic Filter = On
Low Phase Noise Mode = On

Frequency (MHz)	Power Error (dB)	Measurement Uncertainty (+/- dB)	Specification (+/- dB)	Status
195.10	-0.04	0.09	0.8	