FCC PART 15, SUBPART B and C
TEST REPORT

for

Gas & Oil Monitor
MODEL: SM1400-AN4
FCC ID: TWE-SM1X00-XXX

Prepared for

OLEUMTECH CORPORATION
29 PARKER
IRVINE, CALIFORNIA 92618

Prepared by:_____

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DATE: DECEMBER 30, 2005

	REPORT BODY	APPENDICES					TOTAL
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GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced without the written permission of Compatible Electronics, unless done so in full.

This report must not be used to claim product endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Device Tested:	Gas & Oil Monitor Model: SM1400-AN4 S/N: Prototype
Product Description:	See Expository Statement.
Modifications:	The EUT was modified during the testing. Please see the list located in Appendix B of this test report.
Manufacturer:	OleumTech Corporation 29 Parker Irvine, California 92618
Test Dates:	December 23 - 29, 2005
Test Specifications:	EMI requirements Limits: CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209 and 15.247
Test Procedure:	ANSI C63.4: 2003

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Conducted RF Emissions, 150 kHz – 30 MHz	The EUT is a battery operated unit; therefore this test was not performed.
2	Spurious Radiated RF Emissions for the Receiver Portion, 9 kHz - 9230 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B.
3	Spurious Radiated RF Emissions for the Digital Portion, 30 MHz – 9230 MHz	Complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B.
4	Fundamental and Emissions produced by the intentional radiator in non-restricted bands, 9 kHz – 9230 MHz	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247(d)
5	Emissions produced by the intentional radiator in restricted bands, 9 kHz – 9280 GHz	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.205, 15.209(a), and section 15.247 (d).
6	6 dB Bandwidth	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247(a)(2).
7	Peak Power Output	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247(b)(3).
8	RF Conducted Antenna Test	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247(d).
9	Peak Power Spectral Density Conducted from the Intentional Radiator to the Antenna	Complies with the relevant requirements of CFR Title 47, Part 15, Subpart C, section 15.247 (e).

1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the Gas & Oil Monitor Model: SM1400-AN4. The EMI measurements were performed according to the measurement procedure described in ANSI C63.4: 2003. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the specification limits defined by CFR Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209 and 15.247.

2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests of the testing described herein were performed at the test facility of Compatible Electronics at 19121 El Toro Road Silverado, California 92676.

2.2 Trace ability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

OleumTech Corporation

George Peters	Project Engineer

Compatible Electronics, Inc.

Joey Madlangbayan	Test Engineer
John Ethington	Senior Test Engineer
Scott McCutchan	Lab Manager (Silverado/Lake Forest Division)

2.4 Date Test Sample was Received

The test sample was received on December 22, 2005.

2.5 Disposition of the Test Sample

The sample has not been returned to OleumTech Corporation as of December 30, 2005.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
ANSI C63.4 2003	Methods of measurement of radio-noise emissions from low-voltage electrical and electronic equipment in the range of 9 kHz to 40 GHz
FCC Title 47, Part 15 Subpart B	FCC Rules - Radio frequency devices (including digital devices) – Unintentional Radiators
FCC Title 47, Part 15 Subpart C	FCC Rules - Radio frequency devices (including digital devices) – Intentional Radiators

4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description of Test Configuration - EMI

Setup and operation of the equipment under test.

The EUT was set up in a tabletop configuration with 3 pressure and 1 temperature sensor connected to the monitoring sensor ports.

A fresh battery was installed into the EUT throughout all tests.

Operation of the EUT during the testing

For the intentional radiator and receiver portion of the test: The EUT used a program that locked one channel at a time at the low, middle, and high channels in transmit, and then receive mode. For the transmit mode, the highest and lowest power levels were tested.

For the digital portion of the test: The EUT was set up in receive mode as described above.

The final radiated emissions data was taken in the modes listed above. Please see Appendix E for the data sheets.

4.1.1 Cable Construction and Termination

Cable 1 This is a 1 meter metallic conduit shielded flex cable connecting the EUT to the Temperature sensor. The cable has a 4 pin E-series M12 type metallic connector at each end. The shield was grounded to the chassis via the connectors.

Cable 2 This is a 1 meter metallic conduit shielded flex cable connecting the EUT to the Pressure sensor. The cable has a 4 pin E-series M12 type metallic connector at each end. The shield was grounded to the chassis via the connectors.

Cable 3 This is a 1 meter metallic conduit shielded flex cable connecting the EUT to the Pressure sensor. The cable has a 4 pin E-series M12 type metallic connector at each end. The shield was grounded to the chassis via the connectors.

Cable 4 This is a 1 meter metallic conduit shielded flex cable connecting the EUT to the Pressure sensor. The cable has a 4 pin E-series M12 type metallic connector at each end. The shield was grounded to the chassis via the connectors.

Cable 5 This is a braid strap that connects the EUT to the ground plane. It has a standard lug connector at the EUT end and was bonded to the ground plane of the turntable.

5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	FCC ID
GAS & OIL MONITOR (EUT)	OLEUMTECH CORPORATION	SM1400-AN4	SM11220575	TWE-1X00-XXX
TEMPERATURE SENSOR	OLEUMTECH CORPORATION	NONE	NONE	N/A
PRESSURE SENSOR	OLEUMTECH CORPORATION	PN: 5100-B3-0250-G-P1-OT	1817	N/A
PRESSURE SENSOR	OLEUMTECH CORPORATION	PN: 5100-B3-0250-G-P1-OT	1813	N/A
PRESSURE SENSOR	OLEUMTECH CORPORATION	PN: 5100-B3-0250-G-P1-OT	1889	N/A

5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. DUE DATE
Analyzer Spectrum – RF Section	Hewlett Packard	8566B	2747A04875	3/09/05	3/09/06
Analyzer Spectrum – Display Section	Hewlett Packard	85662A	2848A18214	3/09/05	3/09/06
Analyzer Spectrum - Quasi-Peak Adapter	Hewlett Packard	85650A	2811A01081	8/10/05	8/10/06
Antenna. Active Loop	Com Power	AL-130	17107	7/28/05	7/28/06
Antenna. Horn	Com-Power	AH-118	1319	5/14/04	5/14/06
Antenna. Biconical	Com Power	AB-100	14022	3/11/05	3/11/06
Antenna. Log Periodic	Com Power	AL-100	16016	1/13/05	1/13/06
Transient Limiter	Com Power	Hz-560	N/A	4/7/05	4/7/06
Computer Test Station	Hewlett Packard	Pavilion 4530	US91925466	N.C.R.	N/A
Generator Comb - Radiated	Com Power	CG-520	25164	N.C.R.	N/A
Hygrometer	Abbeon	HTAB169B	N/A	N.C.R.	N/A
Keyboard Test Station	Hewlett Packard	5183-7399	B91617825	N.C.R.	N/A
LISN EUT Side	Com Power	LI-215	12079	5/12/05	5/12/06
LISN Accessory Side	Com Power	LI-215	12073	5/12/05	5/12/06
Mast Antenna	Com Power	AM-400	N/A	N.C.R.	N/A
Monitor Test Station	Sony	CPD-100ES	7862A008	N.C.R.	N/A
Mouse Test Station	Hewlett Packard	M-S34	LZC911S8069	N.C.R.	N/A
Preamplifier	Com Power	PA-103	1541	1/22/05	1/22/06
Preamplifier	Com Power	PA-122	2120	3/3/05	3/3/06
Notch Filter	Microwave Circuits	H1G63G01	061703-01R	N.C.R.	N/A
High Pass Filter	Microwave Circuits	N03915M1	061703-01	N.C.R.	N/A
6dB Attenuator	Pulse Research Lab	PRL-DCX-6dB	None	N.C.R.	N/A

5.3 EMI/EMC Measurement and Control Software Information

LAB(S)	SOFTWARE TITLE	MANUFACTURER	VERSION
H, J	Compatible Electronics Data Capture Program	Compatible Electronics	3.1
H, J	Compatible Electronics Emissions Program	Compatible Electronics	2.3 (SR21)

6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to section 2.1 and 7.1 of this report for EMI test location.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane.

The EUT was grounded to the ground plane via braid strap to the chassis lug of the EUT.

7. CHARACTERISTICS OF THE TRANSMITTER

7.1 Antenna Gain

The antenna has a gain of 5.5 dBi.

8. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

8.1 RF Emissions

8.1.1 AC power Conducted Emissions Test

Test Results:

The EUT is a DC powered device; therefore this test was not performed.

The spectrum analyzer was used as a measuring meter. The data was collected with the spectrum analyzer in the peak detect mode with the "Max Hold" feature activated. A quasi-peak measurement was taken only where indicated in the data sheets. A 10 dB attenuation pad was used for the protection of the spectrum analyzer input stage, and the offset was adjusted accordingly to read the actual data measured. The LISN output was measured using the spectrum analyzer. The output of the second LISN was terminated by a 50 ohm termination. The effective measurement bandwidth used for this test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in ANSI C63.4: 2003. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The conducted emissions from the EUT were maximized for operating mode as well as cable placement. The final data was collected under program control by the Compatible Electronics conducted emissions software in several overlapping sweeps by running the spectrum analyzer at a minimum scan rate of 10 seconds per octave. The final qualification data is located in Appendix E.

8.1.2 Radiated Emissions (Spurious and Harmonics) Test

Test Results:

For the Intentional Radiator, Digital and Receiver Portion: The EUT complies with the **Class B** limits of CFR Title 47, Part 15 Subpart B for radiated emissions; and the limits of CFR Title 47, Part 15, Subpart C, Sections 15.205, 15.209, and 15.247 (d).

The spectrum analyzer was used as a measuring meter along with the quasi-peak adapter. The Pre-amplifiers were used to increase the sensitivity of the instrument. The spectrum analyzer was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the spectrum analyzer records the highest measured reading over all the sweeps.

A quasi-peak and/or average measurement was taken only for those readings which are marked accordingly on the data sheets.

The frequencies above 1 GHz were averaged manually by narrowing the video filter down to 10 Hz and putting the sweep time on AUTO on the spectrum analyzer to keep the amplitude reading calibrated.

The measurement bandwidths and transducers used for the radiated emissions test are indicated in the following table below.

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Active Loop Antenna
150 kHz to 30 MHz	9 kHz	Active Loop Antenna
30 MHz to 300 MHz	120 kHz	Biconical Antenna
300 MHz to 1 GHz	120 kHz	Log Periodic Antenna
1 GHz to 9280 GHz	1 MHz	Horn Antenna

Radiated Emissions (Spurious and Harmonics) Test (con't)

The open field test site of Compatible Electronics, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.4: 2003. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. The antenna mast allows height variation of the antenna from 1 meter to 4 meters. The measurement data was recorded in the configuration with the highest emissions radiated from the EUT, using the Radiated Emissions Manual Test software. At each recording, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (E field radiated field strength). The gun-sight method was used when measuring with the horn antenna in order to ensure accurate results.

The presence of ambient signals was verified by turning the EUT off. In case an ambient signal was detected, the measurement bandwidth was reduced temporarily and verification was made that an additional adjacent peak did not exist. This ensures that the ambient signal does not hide any emissions from the EUT. The EUT was tested at a distance of 3 meters to obtain the final data. The final radiated data is located in Appendix E.

8.2 6 dB Bandwidth

The 6 dB bandwidth was measured using the spectrum analyzer. For digitally modulated transmissions the bandwidth shall be at least 500kHz. The bandwidth was measured using a direct connection from the RF out of the EUT to the input of the spectrum analyzer. The resolution and video bandwidth was 10 kHz.

Test Results:

The EUT complies with the relevant requirements of CFR Title 47, Part 15, Subpart C section 15.247 (a)(2).

8.3 Peak Output Power

The Peak Output Power was measured using a direct connection to the input of the spectrum analyzer. An offset setting was in place to account for the attenuator. This test was performed at all power levels.

Test Results:

This test complies with the relevant requirements of CFR Title 47, Part 15, Subpart C section 15.247 (b)(3).

8.4 RF Antenna Conducted Test

The RF antenna conducted test was taken using the spectrum analyzer. The RF antenna conducted test was measured using a direct connection from the RF out on the EUT into the input of the analyzer. The resolution and video bandwidth was 100 kHz. A series of frequency bands were measured from 2MHz up to 10GHz.

Test Results:

The EUT complies with the relevant requirements of CFR Title 47, Part 15, Subpart C section 15.247 (d).

8.5 Spectral Density Output

The spectral density output was measured using the spectrum analyzer. The spectral density output was measured using a direct connection from the RF out of the EUT into the input of the spectrum analyzer. The resolution bandwidth was 3 kHz, and the video bandwidth was 10 kHz. The highest 100 kHz of the signal was used as the frequency span with the sweep rate being at least 1 second for every 3 kHz of span.

Test Results:

This test complies with the relevant requirements of CFR Title 47, Part 15, Subpart C section 15.247 (e).

8.6 RF Band Edges

This test was performed with a measurement span large enough to encompass those frequencies +/-4MHz from the top and bottom of the 902 MHz – 928 MHz frequency band.

Test Results:

The EUT complies with the relevant requirements of FCC Title 47, Part 15, Subpart C section 15.247 (d).

9. TEST PROCEDURE DEVIATIONS

The test procedures were not deviated from during the tests.

10. CONCLUSIONS

The Gas & Oil Monitor meets all of the specification limits defined in FCC Title 47, Part 15, Subpart B; and Subpart C, sections 15.205, 15.207, 15.209 and 15.247.

APPENDIX A

LABORATORY ACCREDITATIONS AND RECOGNITIONS

LABORATORY ACCREDITATIONS AND RECOGNITIONS

NVLAP CODES 200063-0, 200528-0, 200527-0

For US, Canada, Australia/New Zealand, Taiwan and the European Union, Compatible Electronics is currently accredited by NVLAP to ISO/IEC 17025 an ISO 9002 equivilent. Please follow the link to the NIST site for each of our facilities NVLAP certificate and scope of accreditation.

Silverado/Lake Forest Division: http://ts.nist.gov/ts/htdocs/210/214/scopes/2005270.htm
Brea Division: http://ts.nist.gov/ts/htdocs/210/214/scopes/2005280.htm
Agoura Division: http://ts.nist.gov/ts/htdocs/210/214/scopes/2000630.htm

Compatible Electronics has been accredited by ANSI and appointed by the FCC to serve as a Telecommunications Certification Body (TCB). Compatible Electronics ANSI TCB listing can be found at: http://www.ansi.org/public/ca/ansi_cp.html

Compatible Electronics has been nominated as a Conformity Assessment Body (CAB) for EMC under the US/EU Mutual Recognition Agreement (MRA). Compatible Electronics NIST US/EU CAB listing can be found at: http://ts.nist.gov/ts/htdocs/210/gsig/emc-cabs-mar02.pdf

Compatible Electronics has been nominated as a Conformity Assessment Body (CAB) for Taiwan/BSMI under the US/APEC (Asia-Pacific Economic Cooperation) Mutual Recognition Agreement (MRA). Compatible Electronics NIST US/APEC CAB listing can be found at: http://ts.nist.gov/ts/htdocs/210/gsig/apec/bsmi-cabs-may02.pdf

World Wide Market Access with Nemko

Compatible Electronics has been validated by NEMKO against ISO/IEC 17025 under the NEMKO EMC Laboratory Authorization (ELA) program to all EN standards required by the European Union (EU) EMC Directive 89/336/EEC. Please follow the link to the Compatible Electronics' web site for each of our facilities NEMKO ELA certificate and scope of accreditation. http://www.celectronics.com/certs.htm

We are also certified/listed for IT products by the following country/agency:

Compatible Electronics VCCI listing can be found at:
http://www.vcci.or.jp/vcci_e/member/tekigo/setsubi_index_id.html
Just type "Compatible Electronics" into the Keyword search box.

Compatible Electronics FCC listing can be found at:
https://gullfoss2.fcc.gov/prod/oet/index_ie.html

Just type "Compatible Electronics" into the Test Firms search box.

Industry Canada Industrie Canada

Compatible Electronics IC listing can be found at:
http://spectrum.ic.gc.ca/~cert/labs/oats_lab_c_e.html

APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modification listed below was made to the EUT to pass FCC Subpart B and Subpart C specifications.

All the rework described below was implemented during the test in a method that could be reproduced in all the units by the manufacturer.

Modification:

1) The transceiver board was removed and replaced with an identical board with the SAW filter enabled. (OleumTech PN: 14-3000-001)

APPENDIX C

ADDITIONAL MODELS COVERED UNDER THIS REPORT

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

Gas & Oil Monitor
Model: SM1400-AN4-AN4
S/N: SM11220575

ALSO APPROVED UNDER THIS REPORT:

SM1400-AN4-AN1	Pressure Monitor (Pressure Monitor w/ 1 input)
SM1400-AN4-AN2	Pressure Monitor (Pressure Monitor w/ 2 inputs)
SM1400-AN4-AN4	Pressure Monitor (Pressure Monitor w/ 4 inputs)
SM1100-AN1	Temperature Monitor (Temperature Monitor w/ 1 input)
SM1100-AN2	Temperature Monitor (Temperature Monitor w/ 2 inputs)
SM1100-AN4	Temperature Monitor (Temperature Monitor w/ 4 inputs)
SM1200-AN2	Pressure & Temperature Monitor (w/ 1 Pressure & 1 Temperature Monitor input)
SM1300-AN4	Pressure & Temperature Monitor (w/ 2 Pressure & 2 Temperature Monitor inputs)
SM1500-AN4	Pressure & Temperature Monitor (w/ 1 Pressure & 3 Temperature Monitor inputs)

The above listed products are all electrically identical; see Appendix E for additional info regarding the detailed differences.

APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

FIGURE 1: CONDUCTED EMISSIONS TEST SETUP

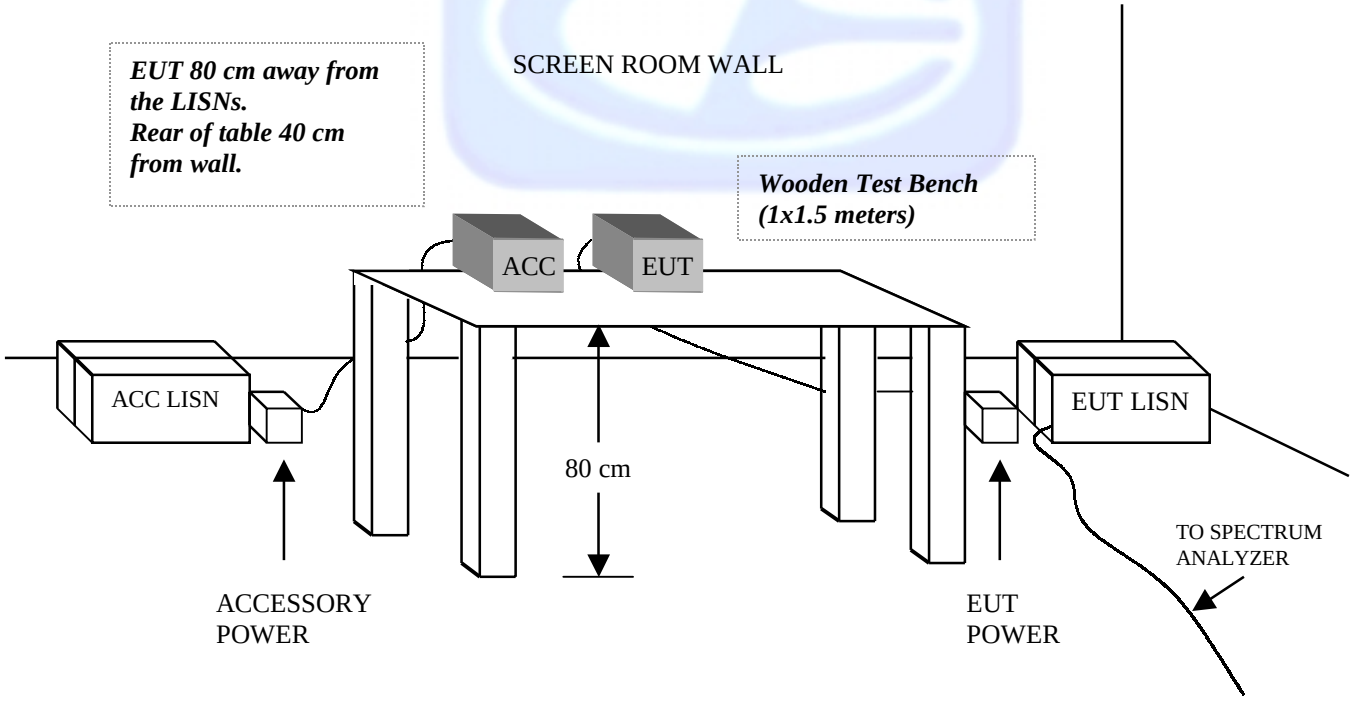
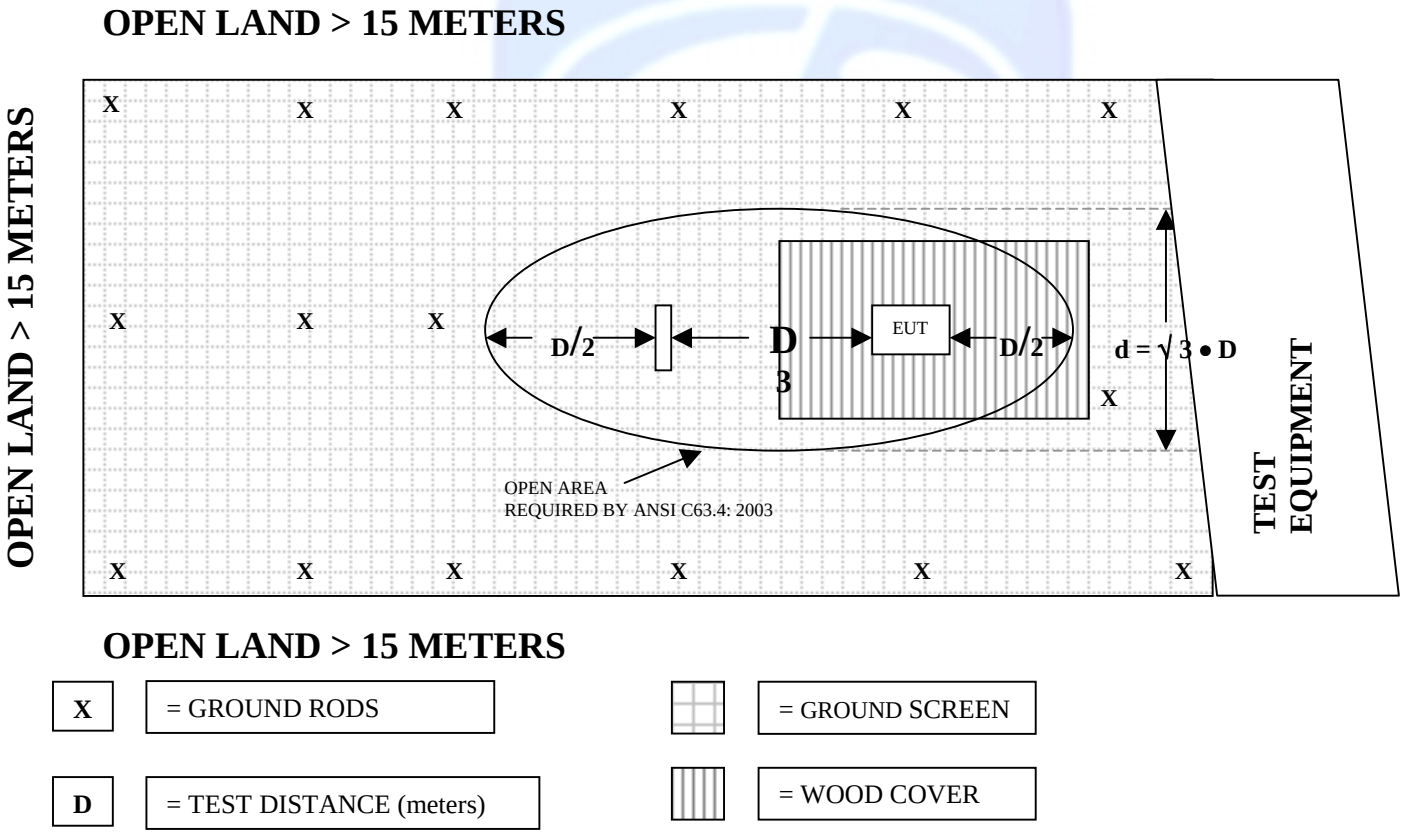


FIGURE 2: PLOT MAP AND LAYOUT OF 3 METER RADIATED SITE



X	= GROUND RODS
	= GROUND SCREEN
D	= TEST DISTANCE (meters)
	= WOOD COVER

FRONT VIEW

OLEUMTECH CORPORATION
Gas & Oil Monitor
MODEL: SM1400-AN4
FCC SUBPART B & B, – RADIATED EMISSIONS – 12-29-05

PHOTOGRAPH SHOWING THE TEST SET UP FOR MAXIMUM EMISSIONS

REAR VIEW

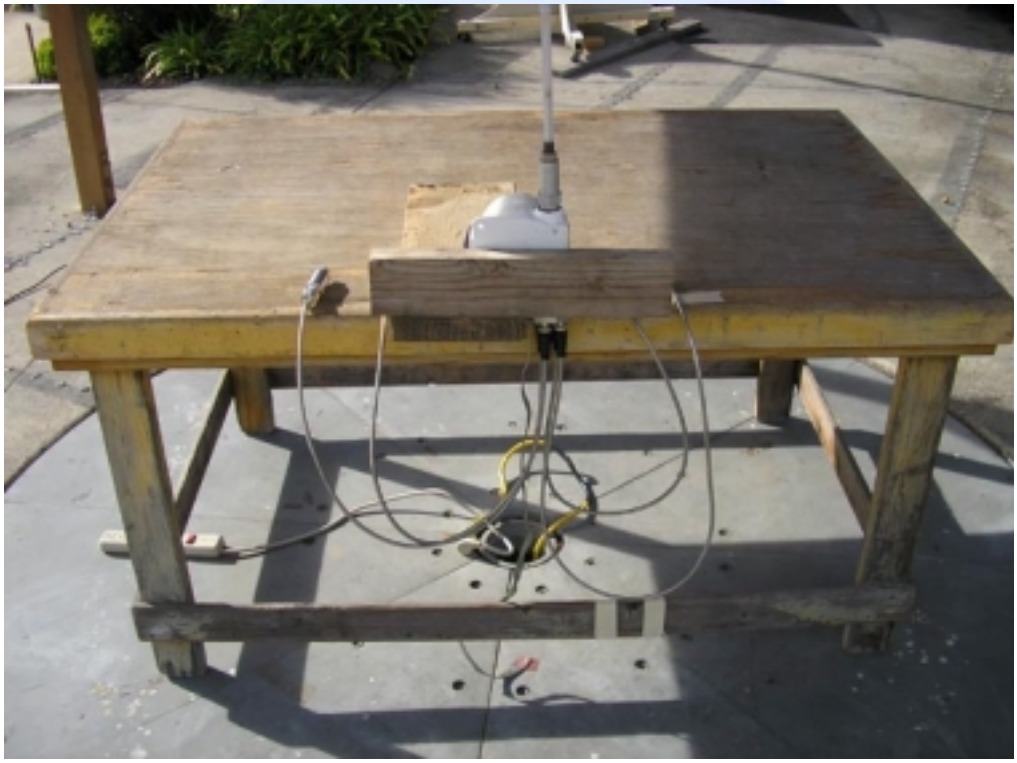
OLEUMTECH CORPORATION
Gas & Oil Monitor
MODEL: SM1400-AN4
FCC SUBPART B & C – RADIATED EMISSIONS – 12-29-05

PHOTOGRAPH SHOWING THE TEST SET UP
MAXIMUM EMISSIONS

FRONT VIEW

OLEUMTECH CORPORATION
Gas & Oil Monitor
MODEL: SM1400-AN4
FCC SUBPART B & B, – RADIATED EMISSIONS – 12-29-05

PHOTOGRAPH SHOWING THE EUT CONFIGURATION



REAR VIEW

OLEUMTECH CORPORATION
Gas & Oil Monitor
MODEL: SM1400-AN4
FCC SUBPART B & C – RADIATED EMISSIONS – 12-29-05

PHOTOGRAPH SHOWING THE EUT CONFIGURATION

COM-POWER AL-130

LAB J – ACTIVE LOOP ANTENNA (E-FIELD)

S/N: 17107

CALIBRATION DATE: JULY 28, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
0.009	11.99	1.0	11.71
0.01	11.58	2.0	12.2
0.02	11.04	3.0	11.9
0.05	10.8	4.0	11.8
0.07	11.2	5.0	12.4
0.10	11.34	10.0	12.17
0.20	8.7	15.0	9.53
0.30	11.44	20.0	8.9
0.50	11.2	25.0	10.63
0.70	11.63	30.0	3.4

COM-POWER AB-100

LAB J - BICONICAL ANTENNA

S/N: 14022

CALIBRATION DATE: MARCH 11, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30.0	9.9	120.0	10.7
35.0	13.0	125.0	10.4
40.0	13.0	140.0	11.9
45.0	11.6	150.0	12.4
50.0	11.4	160.0	12.8
60.0	10.9	175.0	13.6
70.0	9.5	180.0	12.7
80.0	9.2	200.0	14.4
90.0	8.0	250.0	17.5
100.0	10.7	300.0	19.2

COM-POWER AL-100

LAB J - LOG PERIODIC ANTENNA

S/N: 16016

CALIBRATION DATE: JANUARY 13, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
300	13.4	350	15.7
400	17.7	450	16.3
500	17.3	550	16.4
600	19.1	650	18.4
700	19.2	750	20.6
800	22.3	850	21.6
900	21.3	950	23.0
1000	23.0	-	-

COM-POWER AL-118

LAB J - HORN ANTENNA

S/N: 01319

CALIBRATION DATE: MAY 14, 2004

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	24.74	10000	39.63
1500	25.39	10500	40.07
2000	27.90	11000	40.60
2500	28.44	11500	41.90
3000	30.01	12000	41.09
3500	30.61	12500	41.49
4000	30.72	13000	40.68
4500	31.22	13500	41.05
5000	33.03	14000	42.03
6000	33.84	14500	45.60
6500	34.70	15000	40.35
7000	36.51	15500	40.19
7500	37.61	16000	39.83
8000	37.63	16500	40.65
8500	38.12	17000	44.76
9000	38.33	17500	47.21
9500	39.54	18000	42.59

COM-POWER PA-103

LAB J - PREAMPLIFIER

S/N: 1541

CALIBRATION DATE: JANUARY 22, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	30.9	300	30.6
40	31.1	350	30.6
50	31.4	400	30.6
60	31.5	450	30.7
70	30.9	500	30.3
80	30.5	550	30.4
90	29.3	600	30.2
100	26.8	650	30.1
125	28.7	700	29.5
150	30.3	750	30.1
175	30.7	800	29.8
200	31.0	850	29.3
225	30.8	900	29.4
250	31.0	950	29.8
275	30.9	1000	29.3

COM-POWER PA-122

LAB J – HI-FREQUENCY PREAMPLIFIER

S/N: 25196

CALIBRATION DATE: MARCH 3, 2005

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	33.2	6000	27.7
1100	32.1	6500	28.1
1200	32.0	7000	28.4
1300	31.9	7500	28.4
1400	31.8	8000	28.2
1500	31.7	8500	28.2
1600	31.5	9000	28.7
1700	31.2	9500	27.9
1800	31.0	10000	27.3
1900	30.8	11000	27.2
2000	30.8	12000	29.3
2500	30.1	13000	28.7
3000	29.9	14000	28.8
3500	29.4	15000	29.1
4000	28.7	16000	27.6
4500	28.3	17000	25.7
5000	27.9	18000	24.3
5500	27.4		

APPENDIX E

DATA SHEETS

RADIATED EMISSIONS

TRANSMITTER PORTION

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2710.5000	38.8	A	H	1.5	180			29.1	2.0	30.0			**39.9**	**-14.1**	**54.0**	
2710.5000	42.8	A	V	2.0	90			29.1	2.0	30.0			**43.9**	**-10.1**	**54.0**	
2736.0000	38.1	A	H	2.0	180			29.2	2.0	30.0		0.0	**39.3**	**-14.7**	**54.0**	
2736.0000	43.1	A	V	1.5	180			29.2	2.0	30.0		0.0	**44.3**	**-9.7**	**54.0**	
2769.0000	38.4	A	H	3.0	0			29.3	2.0	30.0		0.0	**39.7**	**-14.3**	**54.0**	
2769.0000	38.1	A	V	1.0	0			29.3	2.0	30.0		0.0	**39.4**	**-14.6**	**54.0**	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
3614.0000		A	H					30.6	2.4	29.2					**54.0**	**no emission found**
3614.0000		A	V					30.6	2.4	29.2					**54.0**	**no emission found**
3648.0000		A	H					30.6	2.5	29.2					**54.0**	**no emission found**
3648.0000		A	V					30.6	2.5	29.2					**54.0**	**no emission found**
3692.0000		A	H					30.6	2.5	29.1					**54.0**	**no emission found**
3692.0000		A	V					30.6	2.5	29.1					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
4517.5000		A	H					31.3	2.5	28.3					**54.0**	**no emission found**
4517.5000		A	V					31.3	2.5	28.3					**54.0**	**no emission found**
4560.0000		A	H					31.4	2.5	28.3					**54.0**	**no emission found**
4560.0000		A	V					31.4	2.5	28.3					**54.0**	**no emission found**
4615.0000		A	H					31.6	2.5	28.2					**54.0**	**no emission found**
4615.0000		A	V					31.6	2.5	28.2					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5421.0000		A	H					33.8	2.8	27.5					**54.0**	**no emission found**
5421.0000		A	V					33.8	2.8	27.5					**54.0**	**no emission found**
5472.0000		A	H					33.8	2.8	27.4					**54.0**	**no emission found**
5472.0000		A	V					33.8	2.8	27.4					**54.0**	**no emission found**
5538.0000		A	H					33.9	2.8	27.4					**54.0**	**no emission found**
5538.0000		A	V					33.9	2.8	27.4					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
6324.5000		A	H					34.4	3.1	28.0					**54.0**	**noe emission found**
6324.5000		A	V					34.4	3.1	28.0					**54.0**	**no emission found**
6384.0000		A	H					34.5	3.1	28.0					**54.0**	**no emission found**
6384.0000		A	V					34.5	3.1	28.0					**54.0**	**no emission found**
6461.0000		A	H					34.6	3.2	28.1					**54.0**	**no emission found**
6461.0000		A	V					34.6	3.2	28.1					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
7228.0000		A	H					37.0	3.4	28.4					**54.0**	**no emission found**
7228.0000		A	V					37.0	3.4	28.4					**54.0**	**no emission found**
7296.0000		A	H					37.2	3.4	28.4					**54.0**	**no emission found**
7296.0000		A	V					37.2	3.4	28.4					**54.0**	**no emission found**
7384.0000		A	H					37.3	3.5	28.4					**54.0**	**no emission found**
7384.0000		A	V					37.3	3.5	28.4					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
8131.5000		A	H					37.7	3.8	28.2					**54.0**	**no emission found**
8131.5000		A	V					37.7	3.8	28.2					**54.0**	**no emission found**
8208.0000		A	H					37.8	3.8	28.2					**54.0**	**no emission found**
8208.0000		A	V					37.8	3.8	28.2					**54.0**	**no emission found**
8307.0000		A	H					37.9	3.9	28.2					**54.0**	**no emission found**
8307.0000		A	V					37.9	3.9	28.2					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 0 Lowest)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
9035.0000		A	H					38.4	4.3	28.6					**54.0**	**no emission found**
9035.0000		A	V					38.4	4.3	28.6					**54.0**	**no emission found**
9120.0000		A	H					38.6	4.3	28.5					**54.0**	**no emission found**
9120.0000		A	V					38.6	4.3	28.5					**54.0**	**no emission found**
9230.0000		A	H					38.9	4.3	28.3					**54.0**	**no emission found**
9230.0000		A	V					38.9	4.3	28.3					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
2710.5000	47.4	A	H	2.0	180			29.1	2.0	30.0		0.0	**48.5**	**-5.5**	**54.0**	
2710.5000	52.9	45.7 A	V	1.0	90			29.1	2.0	30.0			**46.8**	**-7.2**	**54.0**	
2736.0000	44.3	A	H	1.5	270			29.2	2.0	30.0		0.0	**45.5**	**-8.5**	**54.0**	
2736.0000	52.0	44.7 A	V	1.5	180			29.2	2.0	30.0		0.0	**45.9**	**-8.1**	**54.0**	
2769.0000	42.9	A	H	1.5	0			29.3	2.0	30.0		0.0	**44.2**	**-9.8**	**54.0**	
2769.0000	47.0	A	V	2.0	0			29.3	2.0	30.0		0.0	**48.3**	**-5.7**	**54.0**	

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
3614.0000		A	H					30.6	2.4	29.2					**54.0**	**no emission found**
3614.0000		A	V					30.6	2.4	29.2					**54.0**	**no emission found**
3648.0000		A	H					30.6	2.5	29.2					**54.0**	**no emission found**
3648.0000		A	V					30.6	2.5	29.2					**54.0**	**no emission found**
3692.0000		A	H					30.6	2.5	29.1					**54.0**	**no emission found**
3692.0000		A	V					30.6	2.5	29.1					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
4517.5000		A	H					31.3	2.5	28.3					**54.0**	**no emission found**
4517.5000		A	V					31.3	2.5	28.3					**54.0**	**no emission found**
4560.0000		A	H					31.4	2.5	28.3					**54.0**	**no emission found**
4560.0000		A	V					31.4	2.5	28.3					**54.0**	**no emission found**
4615.0000		A	H					31.6	2.5	28.2					**54.0**	**no emission found**
4615.0000		A	V					31.6	2.5	28.2					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
5421.0000		A	H					33.8	2.8	27.5					**54.0**	**no emission found**
5421.0000		A	V					33.8	2.8	27.5					**54.0**	**no emission found**
5472.0000		A	H					33.8	2.8	27.4					**54.0**	**no emission found**
5472.0000		A	V					33.8	2.8	27.4					**54.0**	**no emission found**
5538.0000		A	H					33.9	2.8	27.4					**54.0**	**no emission found**
5538.0000		A	V					33.9	2.8	27.4					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
6324.5000		A	H					34.4	3.1	28.0					**54.0**	**noe emission found**
6324.5000		A	V					34.4	3.1	28.0					**54.0**	**no emission found**
6384.0000		A	H					34.5	3.1	28.0					**54.0**	**no emission found**
6384.0000		A	V					34.5	3.1	28.0					**54.0**	**no emission found**
6461.0000		A	H					34.6	3.2	28.1					**54.0**	**no emission found**
6461.0000		A	V					34.6	3.2	28.1					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
7228.0000		A	H					37.0	3.4	28.4					**54.0**	**no emission found**
7228.0000		A	V					37.0	3.4	28.4					**54.0**	**no emission found**
7296.0000		A	H					37.2	3.4	28.4					**54.0**	**no emission found**
7296.0000		A	V					37.2	3.4	28.4					**54.0**	**no emission found**
7384.0000		A	H					37.3	3.5	28.4					**54.0**	**no emission found**
7384.0000		A	V					37.3	3.5	28.4					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
8131.5000		A	H					37.7	3.8	28.2					**54.0**	**no emission found**
8131.5000		A	V					37.7	3.8	28.2					**54.0**	**no emission found**
8208.0000		A	H					37.8	3.8	28.2					**54.0**	**no emission found**
8208.0000		A	V					37.8	3.8	28.2					**54.0**	**no emission found**
8307.0000		A	H					37.9	3.9	28.2					**54.0**	**no emission found**
8307.0000		A	V					37.9	3.9	28.2					**54.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS (FCC SECTION 15.247 & 15.205)

COMPANY	**OleumTech Corporation**	**DATE**	**12/29/05**
EUT	**Sentry Monitor**	**DUTY CYCLE**	**N/A %**
MODEL	**SM1400-AN4**	**PEAK TO AVG**	**N/A dB**
S/N	**SM1220575 (LEVEL 3 HIGH)**	**TEST DIST.**	**3 Meters**
TEST ENGINEER	**Joey Madlangbayan**	**LAB**	**J**

Frequency MHz	Peak Reading (dBuV)	Average (A) or Quasi-Peak (QP)	Antenna Polar. (V or H)	Antenna Height (meters)	EUT Azimuth (degrees)	EUT Axis (X,Y,Z)	EUT Tx Channel	Antenna Factor (dB)	Cable Loss (dB)	Amplifier Gain (dB)	Distance Factor (dB)	Mixer Factor (dB)	*Corrected Reading (dBuV/m)	Delta ** (dB)	Spec Limit (dBuV/m)	Comments
9035.0000		A	H					38.4	4.3	28.6					**54.0**	**no emission found**
9035.0000		A	V					38.4	4.3	28.6					**54.0**	**no emission found**
9120.0000		A	H					38.6	4.3	28.5					**54.0**	**no emission found**
9120.0000		A	V					38.6	4.3	28.5					**54.0**	**no emission found**
9230.0000		A	H					38.9	4.3	28.3					**68.0**	**no emisson found**
9230.0000		A	V					38.9	4.3	28.3					**68.0**	**no emission found**

* CORRECTED READING = METER READING + ANTENNA FACTOR + CABLE LOSS - AMPLIFIER GAIN

** DELTA = SPEC LIMIT - CORRECTED READING

RADIATED EMISSIONS

DIGITAL PORTION

Test Location : Compatible Electronics **Page** : 1/1
Customer : George Peters **Date** : 12/27/2005
Manufacturer : OleumTech Corporation **Time** : 10:16:16 AM
Eut name : Sentry Monitor **Lab** : J
Model : SM1400-AN4 **Test Distance** : 3.00 Meters
Serial # : SM1220575 level 3 High power 903.5
Specification : FCC Pt. 15 - Class B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : 9kHz-9230MHz spurious TX mode
No emissions found in RX mode & Low power TX & RX modes
Test Engineer: Joey Madlangbayan Temp: 62degF Humid: 60%

Pol	Freq	Reading	Cable loss	Antenna factor	Amplifier gain	Corr'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB
1V	73.748	53.40	1.50	7.45	32.74	29.61	40.00	-10.39
2V	81.140	57.30	1.51	6.76	32.75	32.82	40.00	-7.18
3V	82.641	49.90	1.53	6.96	32.69	25.70	40.00	-14.30
4V	85.822	51.40	1.56	7.38	32.56	27.77	40.00	-12.23
5V	86.979	48.20	1.57	7.52	32.52	24.78	40.00	-15.22
6V	87.395	45.30	1.58	7.58	32.50	21.95	40.00	-18.05
7V	81.145	57.20	1.51	6.76	32.75	32.72	40.00	-7.28
7V power level was decreased to lowest setting (level 0)								
8H	81.156	51.00	1.51	6.76	32.75	26.52	40.00	-13.48

Test Location : Compatible Electronics **Page** : 1/1
Customer : George Peters **Date** : 12/27/2005
Manufacturer : OleumTech Corporation **Time** : 10:48:00 AM
Eut name : Sentry Monitor **Lab** : J
Model : SM1400-AN4 **Test Distance** : 3.00 Meters
Serial # : SM1220575 level 3 High power 912
Specification : FCC Pt. 15 - Class B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : 9kHz-9230MHz spurious TX mode
No emissions found in RX mode & Low power TX & RX modes
Test Engineer: Joey Madlangbayan Temp: 62degF Humid: 60%

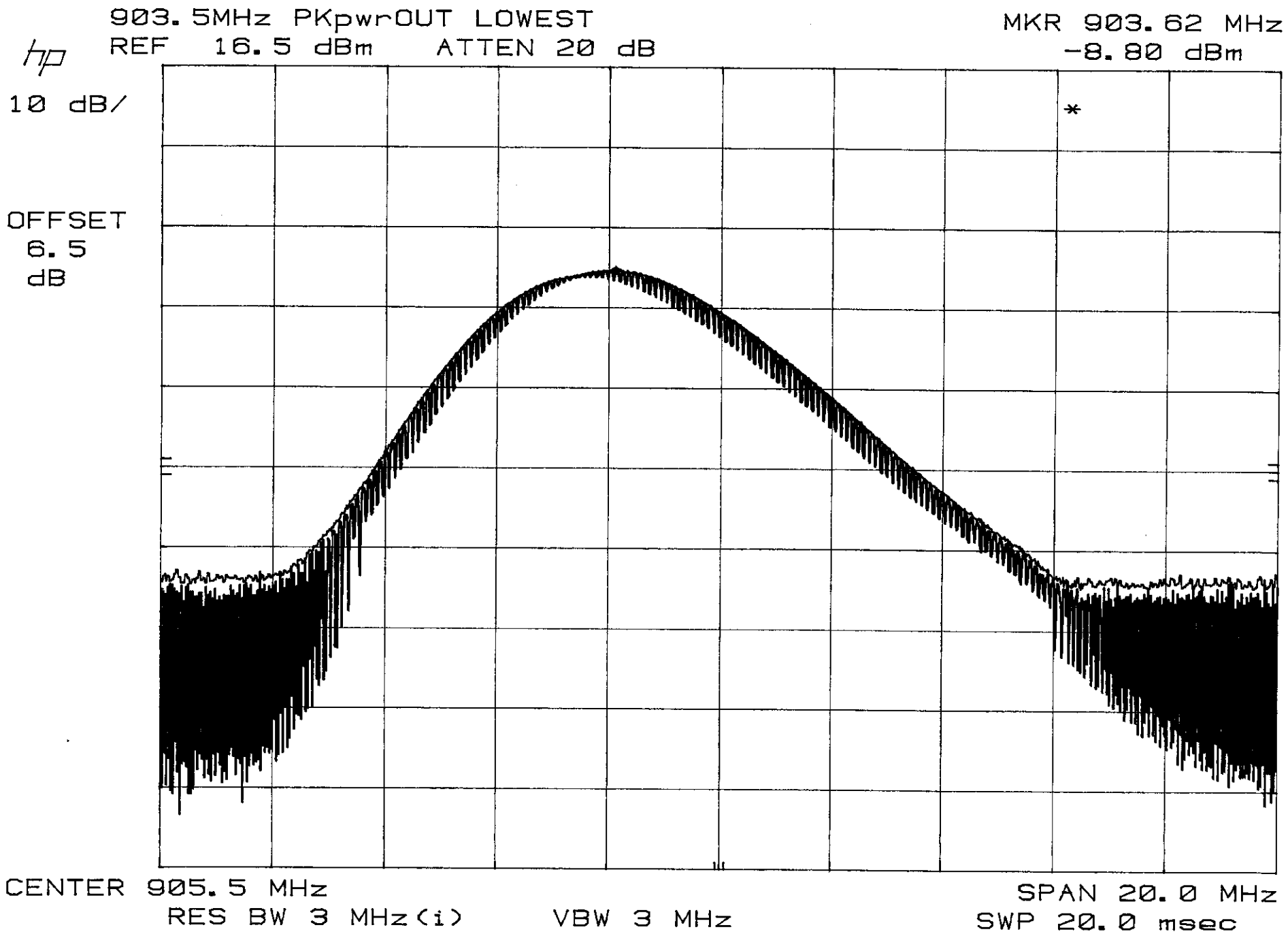
Pol	Freq	Reading	Cable loss	Antenna factor	Amplifier gain	Corr'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB
1V	73.732	54.70	1.50	7.46	32.74	30.92	40.00	-9.08
2V	81.152	56.20	1.51	6.76	32.75	31.72	40.00	-8.28
3V	82.667	48.00	1.53	6.96	32.69	23.80	40.00	-16.20
4V	84.845	48.80	1.55	7.25	32.60	25.00	40.00	-15.00
5V	86.959	47.10	1.57	7.52	32.52	23.67	40.00	-16.33
6V	87.780	46.20	1.58	7.62	32.48	22.92	40.00	-17.08
7V	81.145	55.40	1.51	6.76	32.75	30.92	40.00	-9.08
7V power level decreased to lowest setting (level 0)								
8H	81.151	50.90	1.51	6.76	32.75	26.42	40.00	-13.58
9H	82.655	44.00	1.53	6.96	32.69	19.80	40.00	-20.20

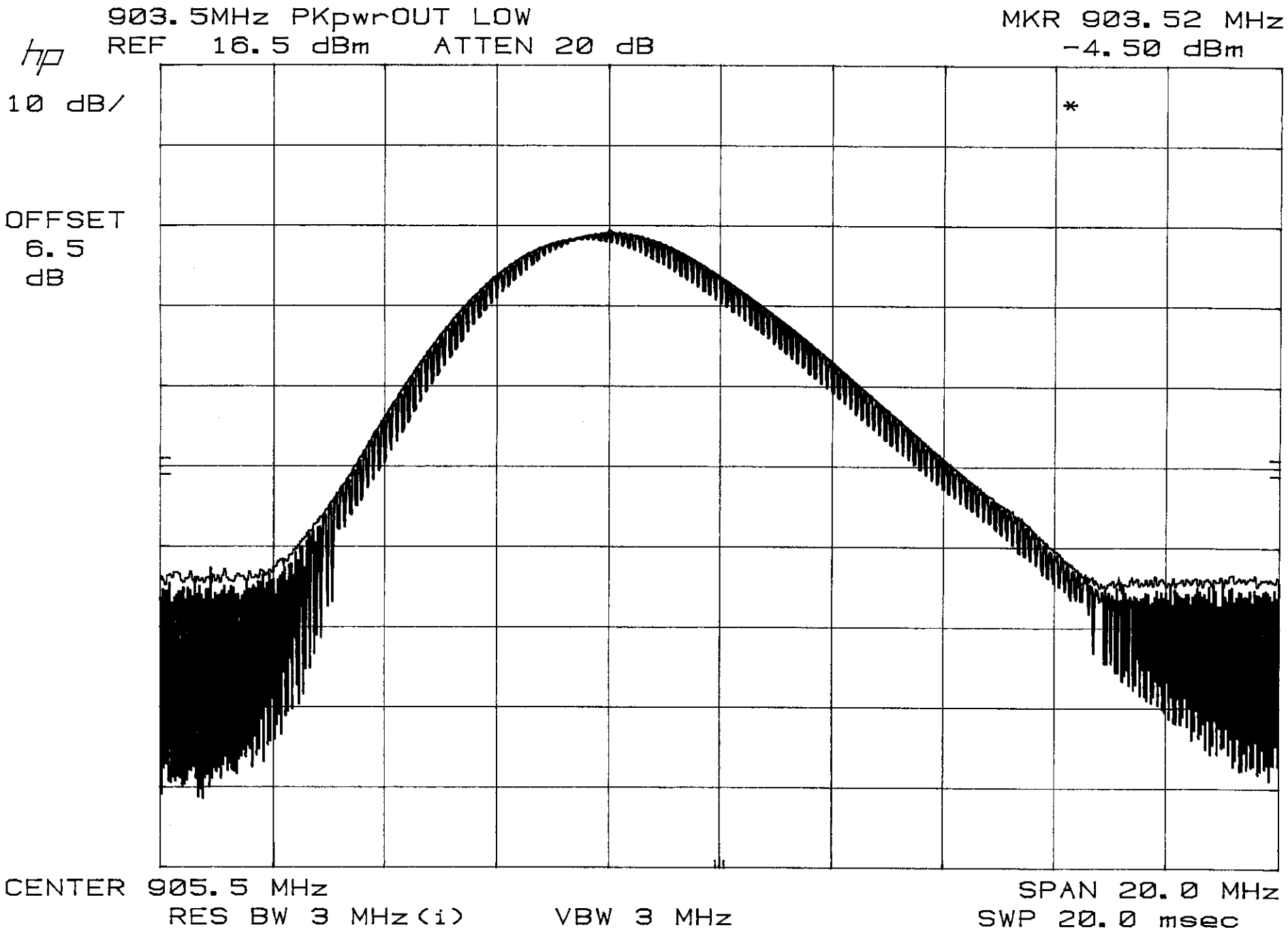
Test Location : Compatible Electronics **Page** : 1/1
Customer : George Peters **Date** : 12/29/2005
Manufacturer : OleumTech Corporation **Time** : 01:49:38 PM
Eut name : Sentry Monitor **Lab** : J
Model : SM1400-AN4 **Test Distance** : 3.00 Meters
Serial # : SM1220575 level 3 High power 923
Specification : FCC Pt. 15 - Class B
Distance correction factor (20 * log(test/spec)) : 0.00
Test Mode : 9kHz-9230MHz spurious TX mode
No emissions found in RX mode & Low power TX & RX modes
Test Engineer: Joey Madlangbayan Temp: 65degF Humid: 50%

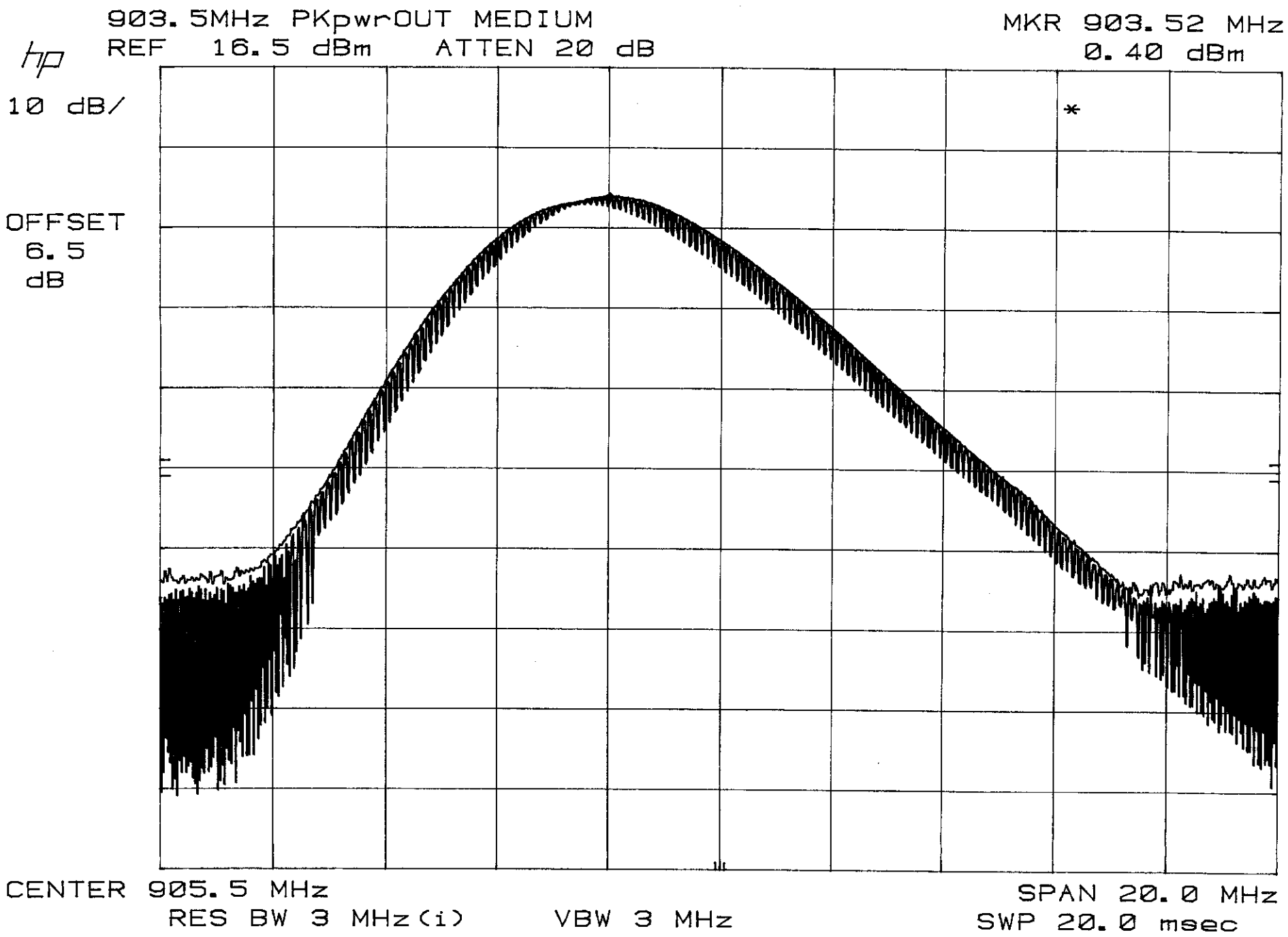
Pol	Freq	Reading	Cable loss	Antenna factor	Amplifier gain	Corr'd rdg = R	Limit = L	Delta R-L
	MHz	dBuV	dB	dB	dB	dBuV/m	dBuV/m	dB
1V	66.368	51.80	1.43	8.66	32.29	29.60	40.00	-10.40
2V	73.743	51.70	1.50	7.45	32.74	27.91	40.00	-12.09
3V	81.098	54.20	1.51	6.75	32.75	29.71	40.00	-10.29
4V	82.651	46.50	1.53	6.96	32.69	22.30	40.00	-17.70
5V	84.823	47.30	1.55	7.25	32.60	23.49	40.00	-16.51
6V	86.969	46.60	1.57	7.52	32.52	23.18	40.00	-16.82
7V	154.841	43.60	2.32	12.55	32.56	25.91	43.50	-17.59
8V	176.995	41.30	2.43	15.42	32.28	26.87	43.50	-16.63
9H	73.721	48.20	1.50	7.46	32.74	24.42	40.00	-15.58
10H	81.108	49.90	1.51	6.75	32.75	25.41	40.00	-14.59
11V	81.150	53.70	1.51	6.76	32.75	29.22	40.00	-10.78

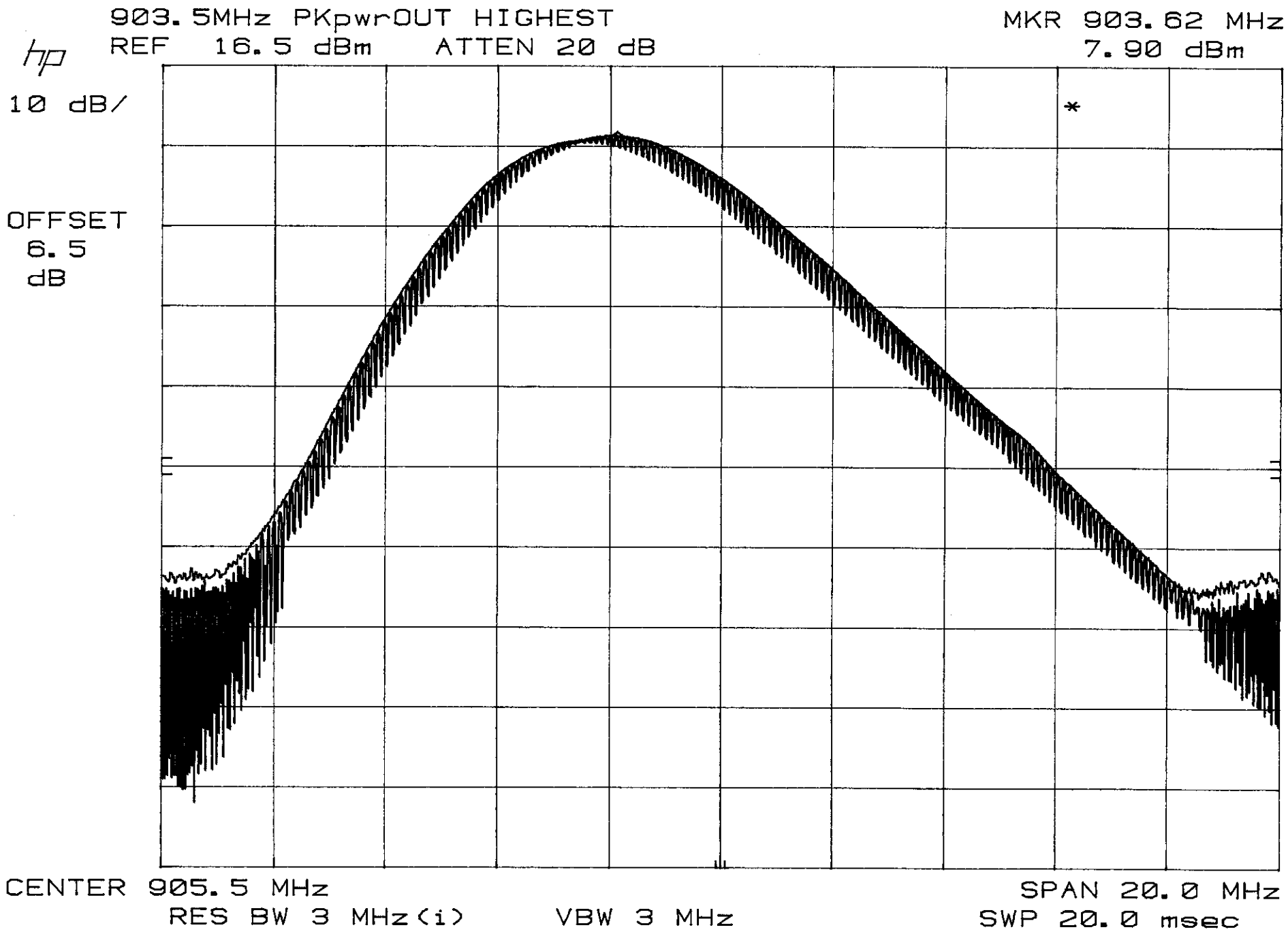
11V pwrOUT reduced to lowest setting

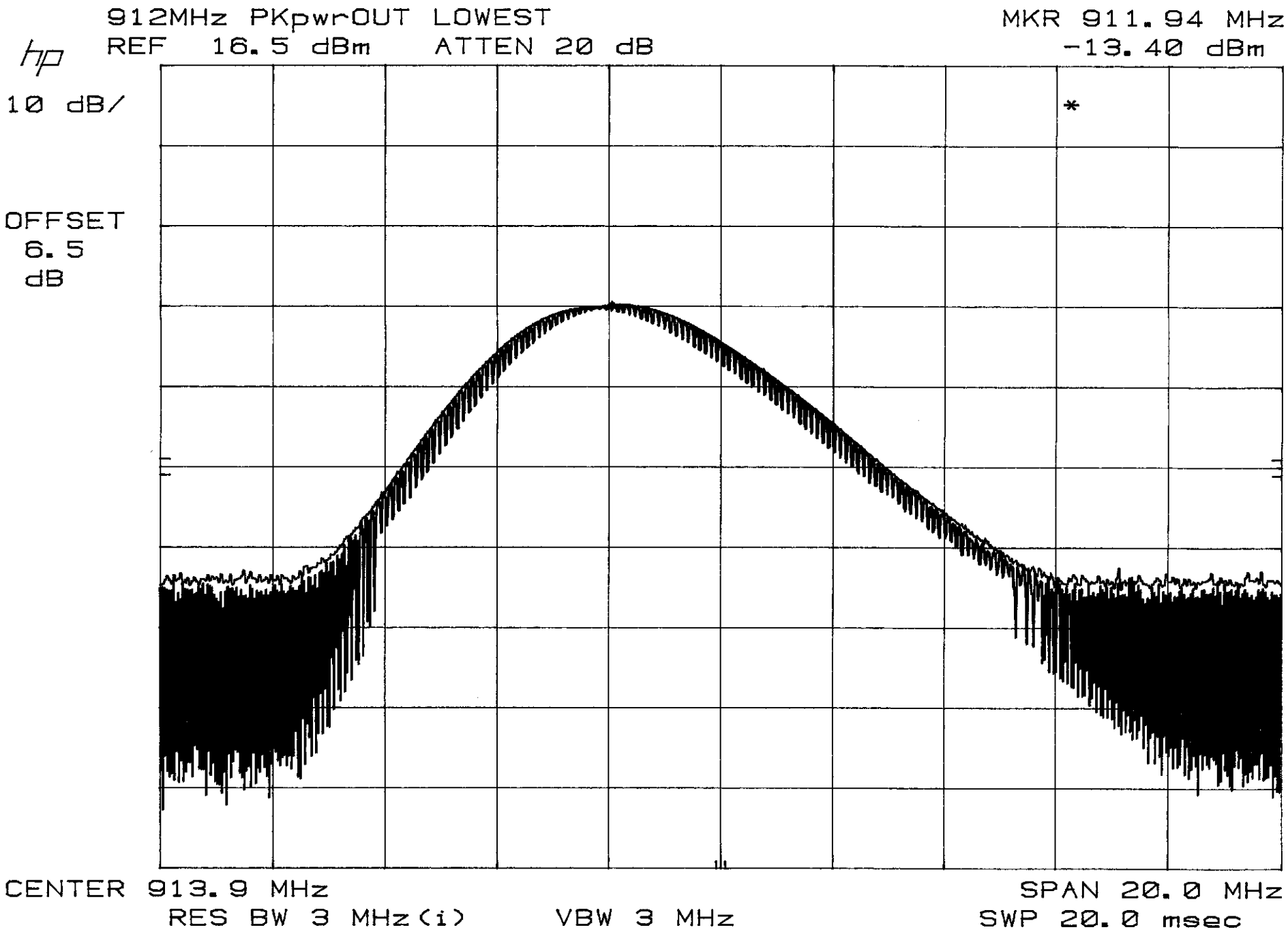
PEAK POWER OUTPUT

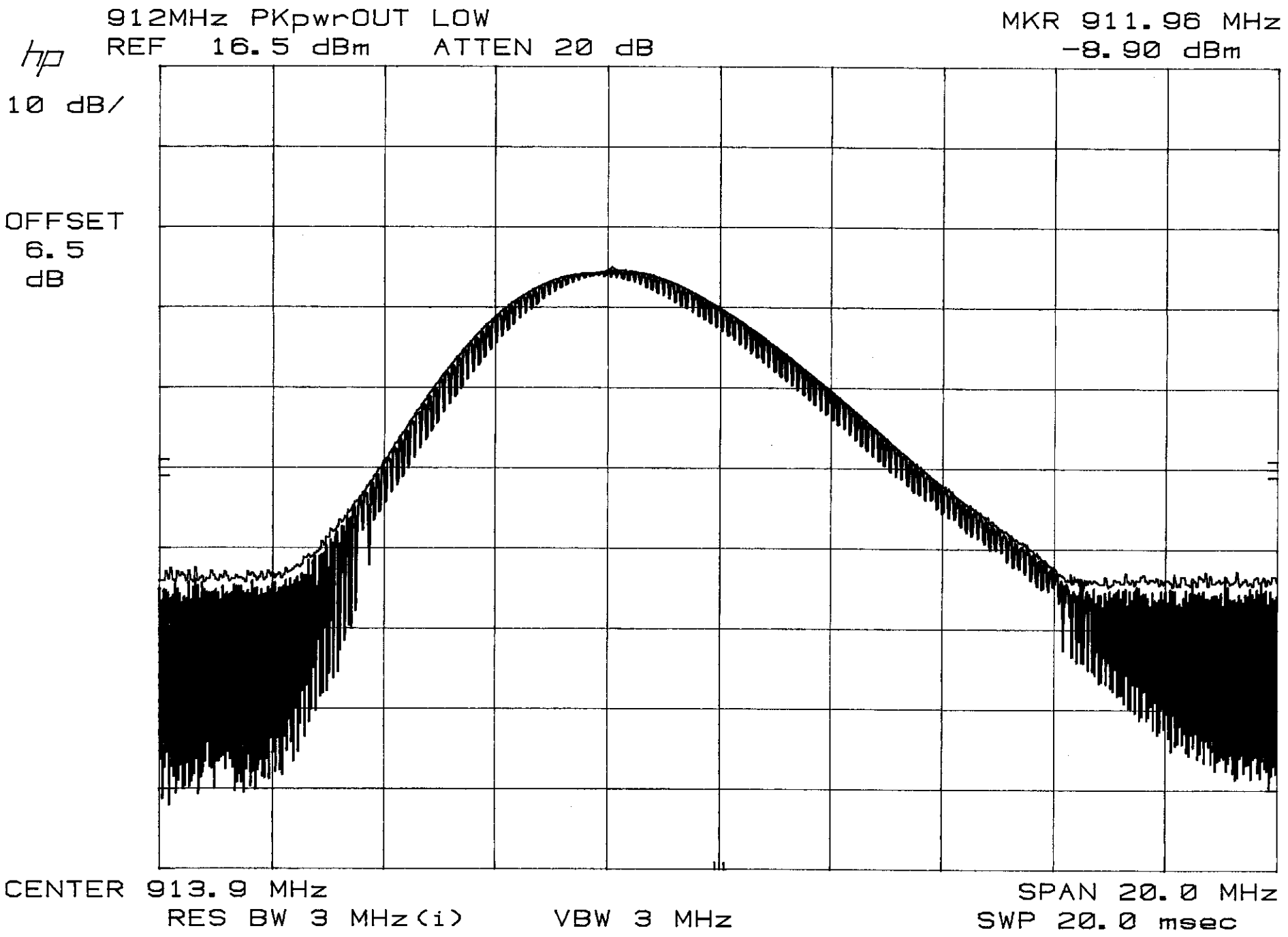

903.5MHz PKpwrOUT LOWEST
REF 16.5 dBm ATTEN 20 dB
MKR 903.62 MHz
-8.80 dBm
10 dB/
OFFSET
6.5
dB
CENTER 905.5 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

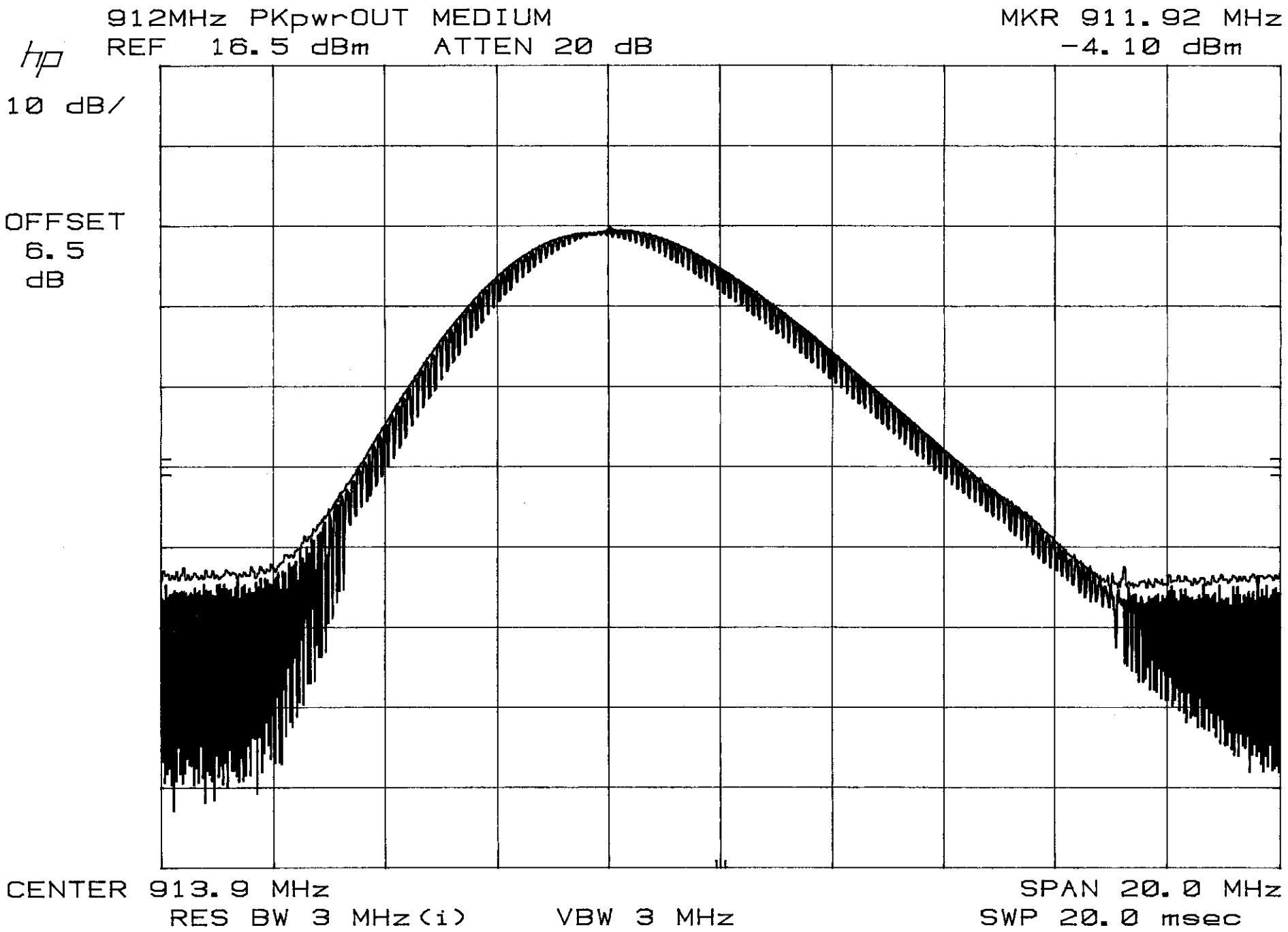

903.5MHz PKpwrOUT LOW
REF 16.5 dBm ATTEN 20 dB
MKR 903.52 MHz
-4.50 dBm
10 dB/
OFFSET
6.5
dB
CENTER 905.5 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

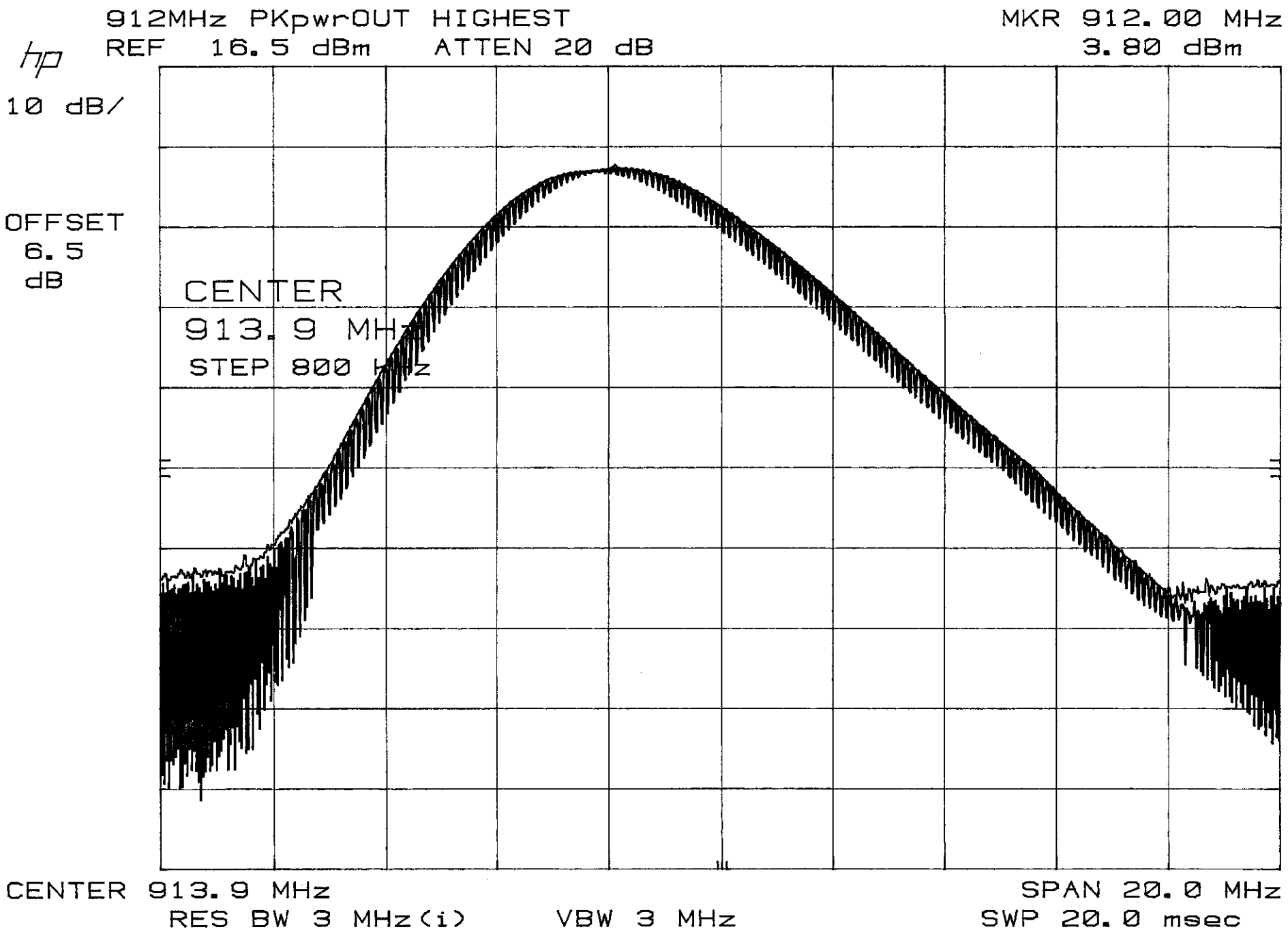

903.5MHz PKpwrOUT MEDIUM
REF 16.5 dBm ATTEN 20 dB
MKR 903.52 MHz
0.40 dBm
10 dB/
OFFSET
6.5
dB
CENTER 905.5 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

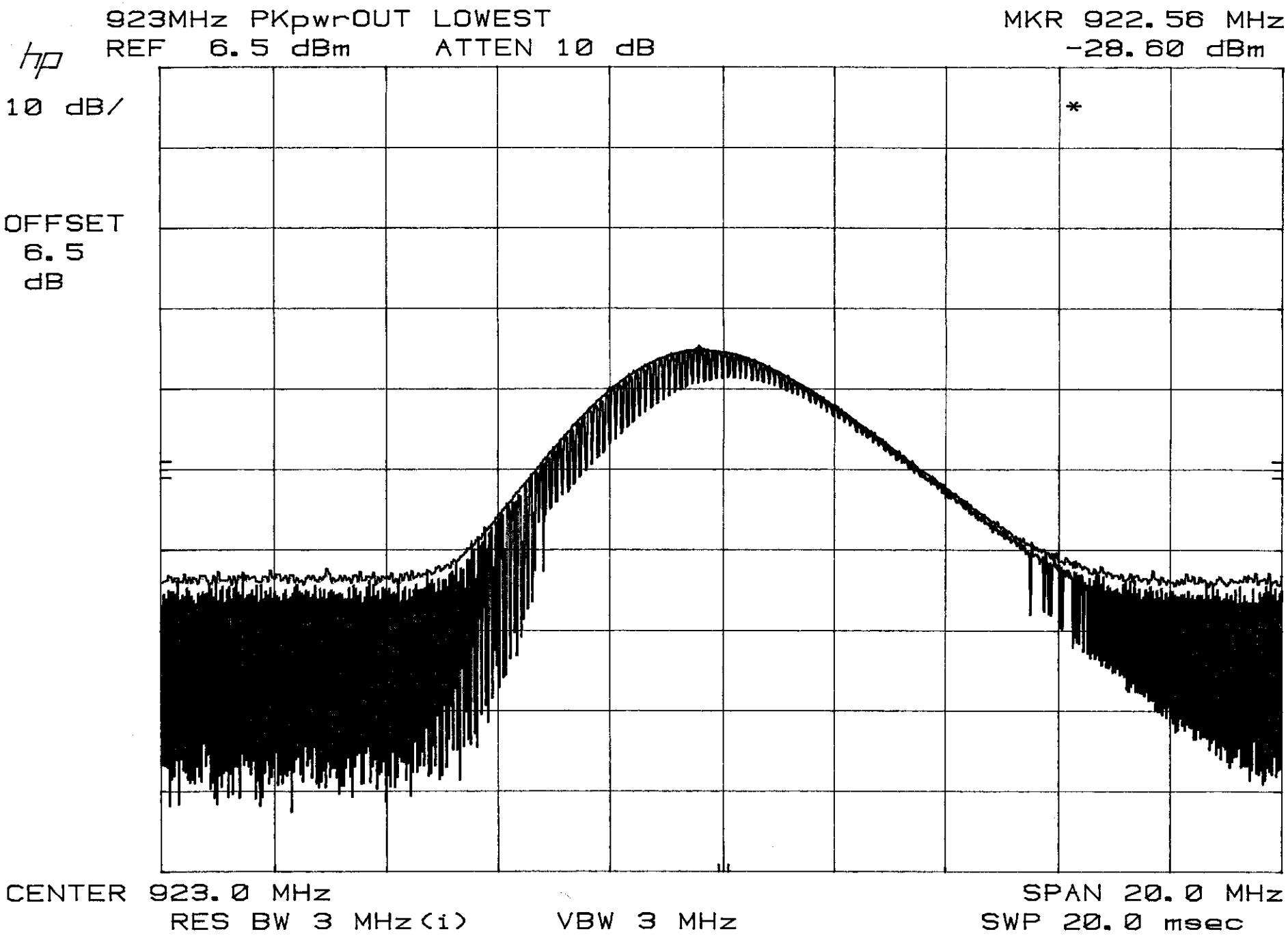

903.5MHz PKpwrOUT HIGHEST
REF 16.5 dBm ATTEN 20 dB
MKR 903.62 MHz
7.90 dBm
10 dB/
OFFSET
6.5
dB
CENTER 905.5 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

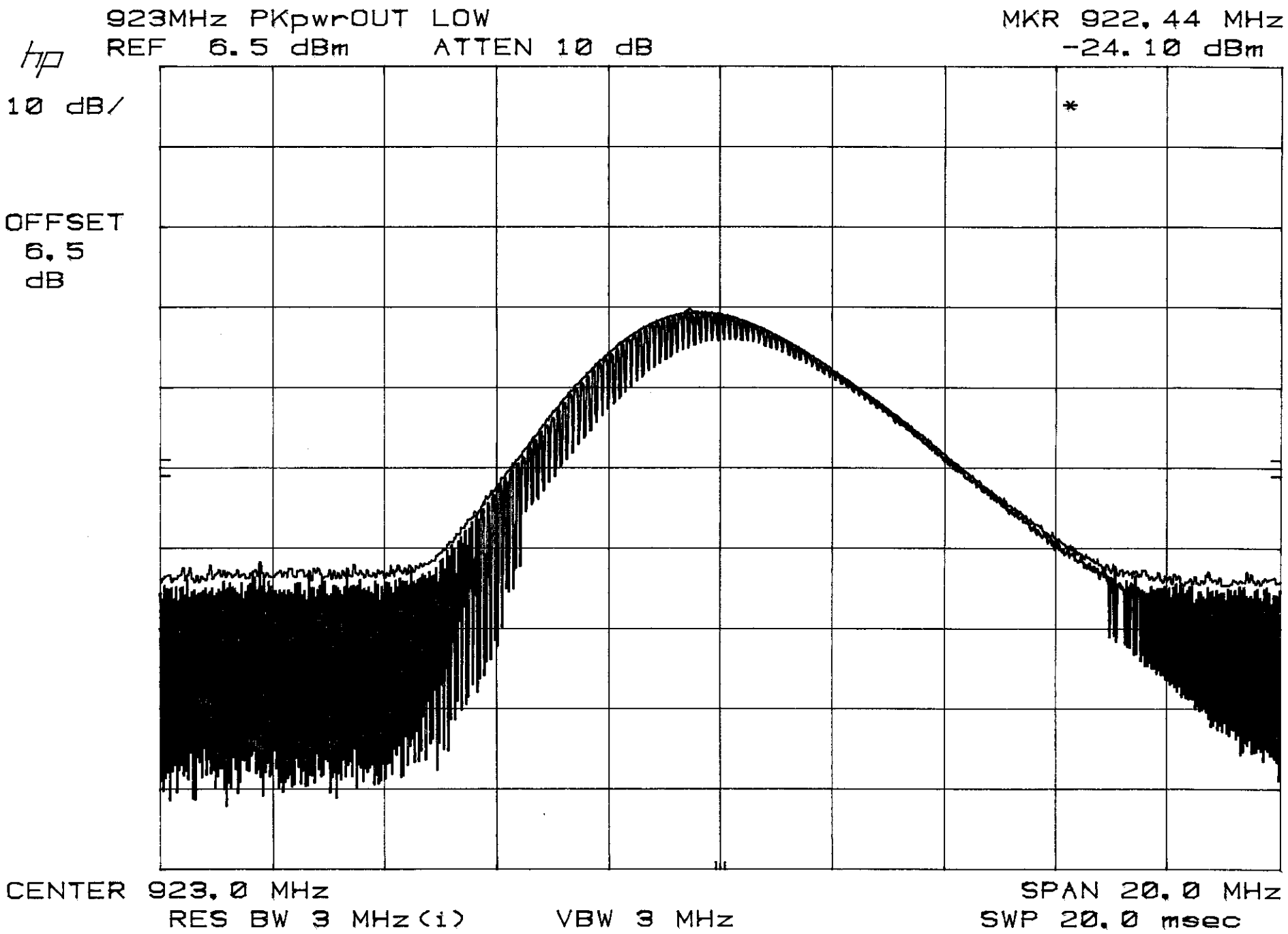

912MHz PKpwrOUT LOWEST
REF 16.5 dBm ATTEN 20 dB
MKR 911.94 MHz
-13.40 dBm
10 dB/
OFFSET
6.5
dB
CENTER 913.9 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

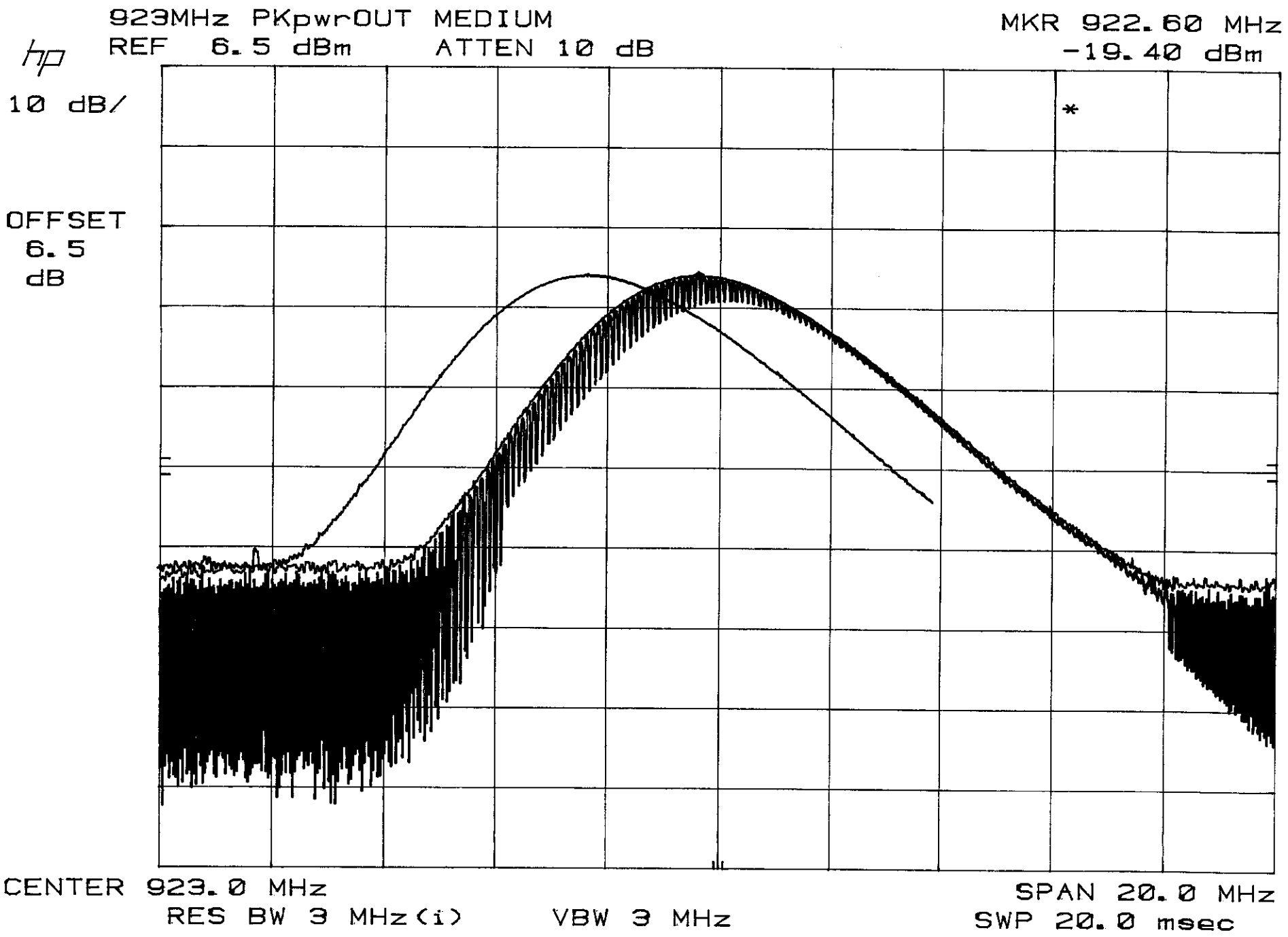

912MHz PKpwrOUT LOW
REF 16.5 dBm
ATTEN 20 dB
MKR 911.96 MHz
-8.90 dBm
10 dB/
OFFSET
6.5
dB
CENTER 913.9 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

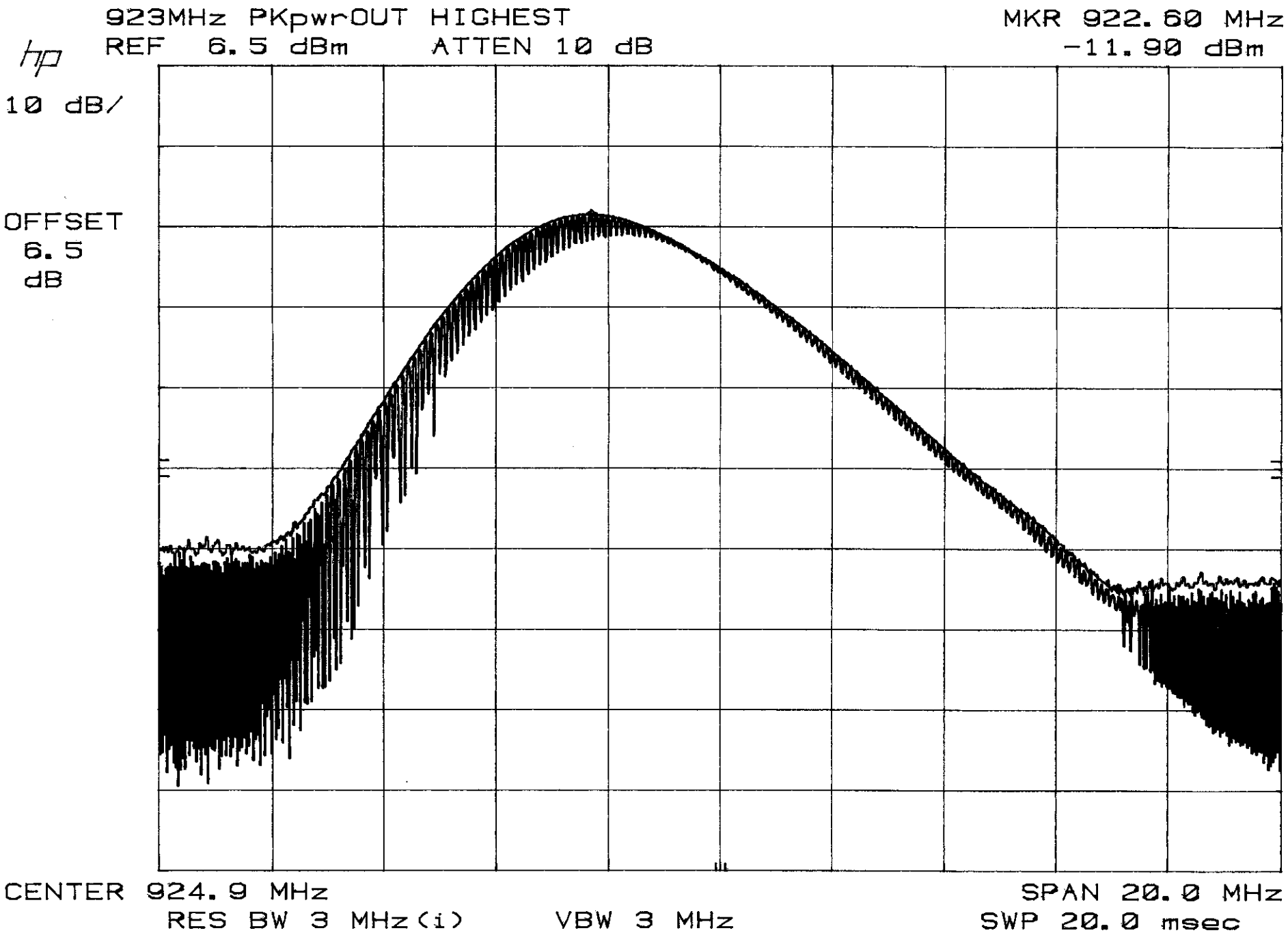

912MHz PKpwrOUT MEDIUM
MKR 911.92 MHz
REF 16.5 dBm
ATTEN 20 dB
-4.10 dBm
10 dB/
OFFSET
6.5
dB
CENTER 913.9 MHz
SPAN 20.0 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SWP 20.0 msec


912MHz PKpwrOUT HIGHEST
MKR 912.00 MHz
REF 16.5 dBm
ATTEN 20 dB
3.80 dBm
10 dB/
OFFSET
6.5
dB
CENTER
913.9 MHz
STEP 800 kHz
CENTER 913.9 MHz
SPAN 20.0 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SWP 20.0 msec

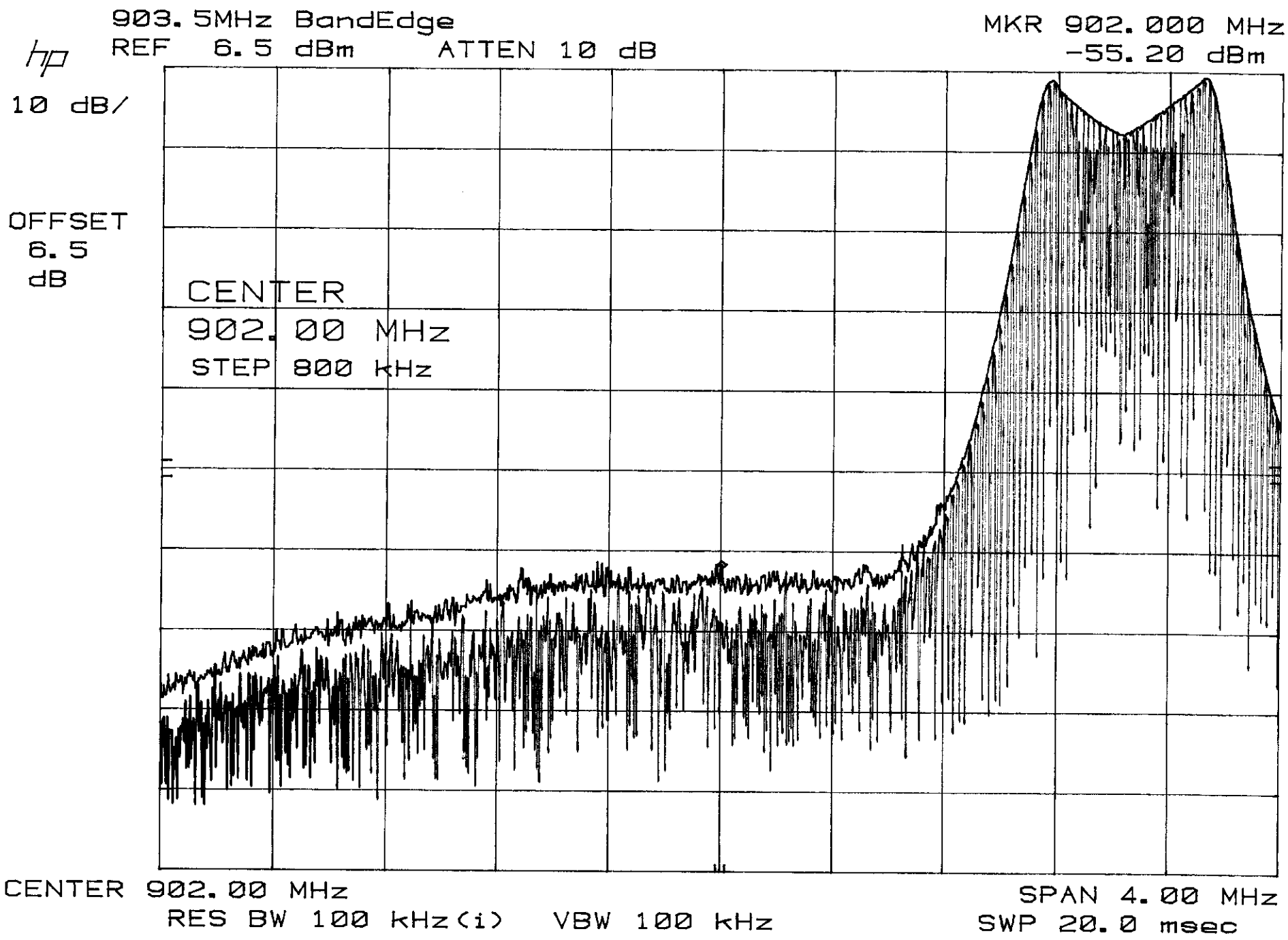

923MHz PKpwrOUT LOWEST
REF 6.5 dBm
ATTEN 10 dB
MKR 922.56 MHz
-28.60 dBm
10 dB/
OFFSET
6.5
dB
CENTER 923.0 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

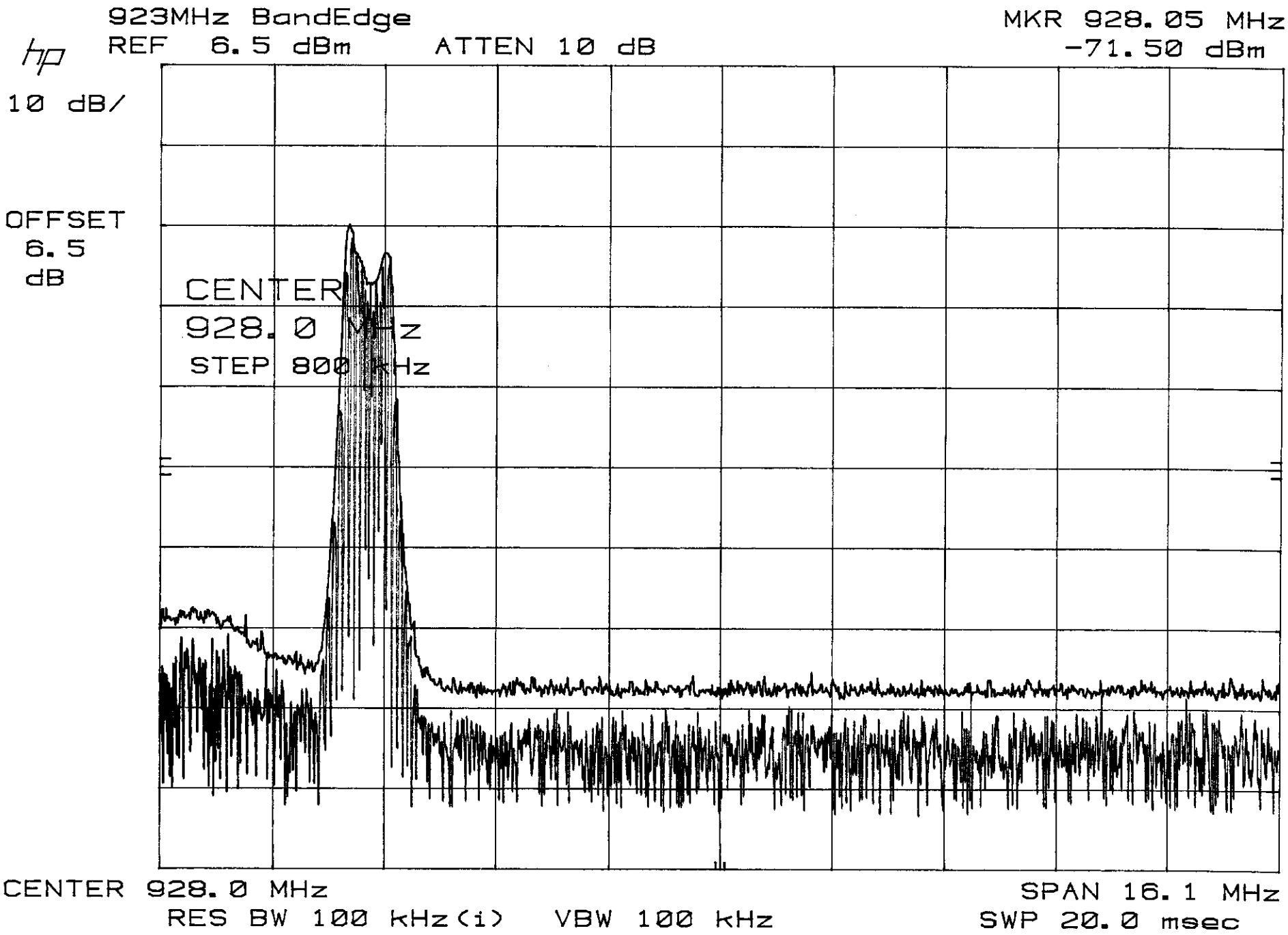

923MHz PKpwrOUT LOW
REF 6.5 dBm
ATTEN 10 dB
MKR 922.44 MHz
-24.10 dBm
10 dB/
OFFSET
6.5
dB
CENTER 923.0 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec


923MHz PKpwrOUT MEDIUM
REF 6.5 dBm
ATTEN 10 dB
MKR 922.60 MHz
-19.40 dBm
10 dB/
OFFSET
6.5
dB
CENTER 923.0 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SPAN 20.0 MHz
SWP 20.0 msec

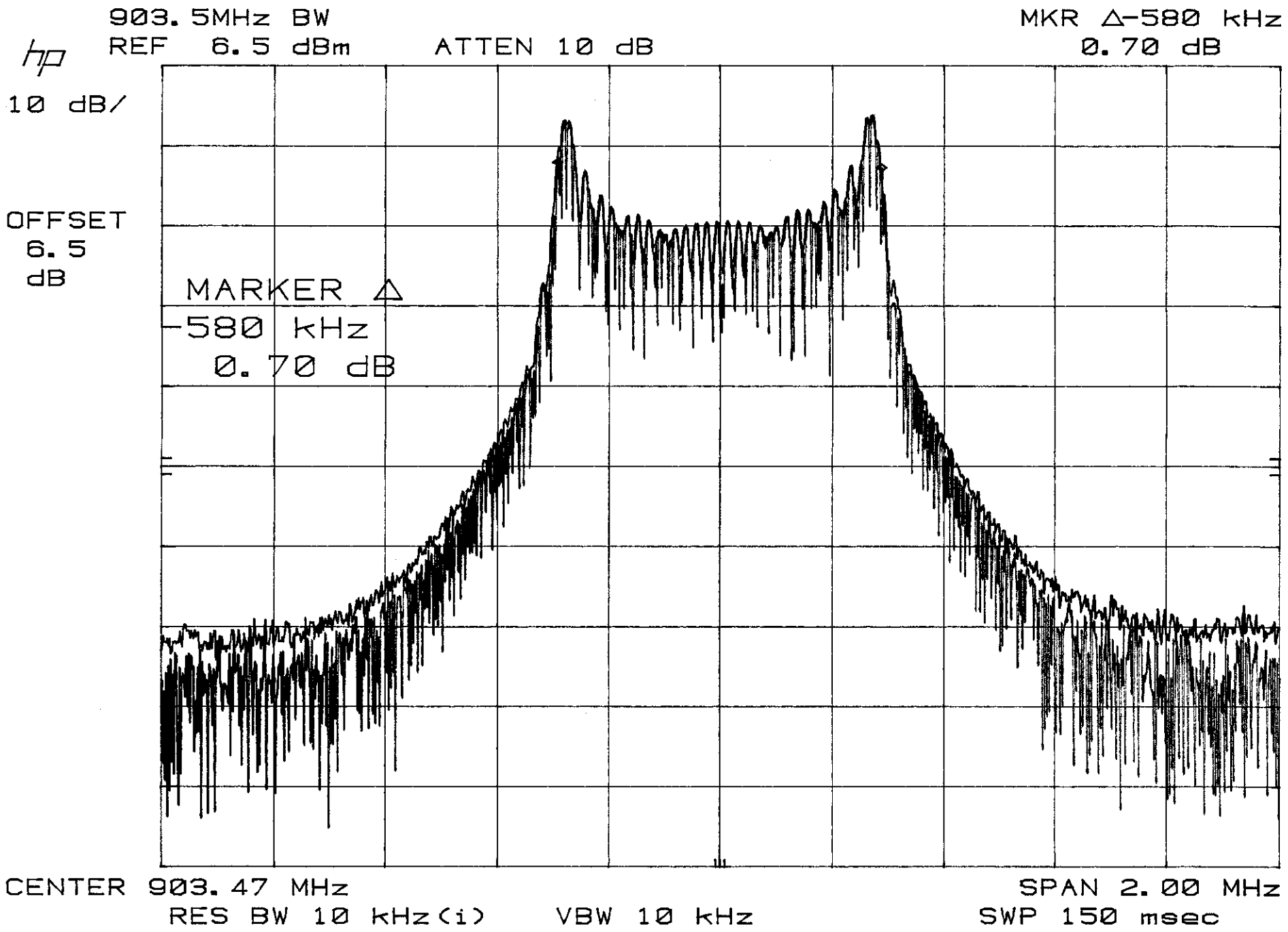

923MHz PKpwrOUT HIGHEST
MKR 922.60 MHz
REF 6.5 dBm
ATTEN 10 dB
-11.90 dBm
10 dB/
OFFSET
6.5
dB
CENTER 924.9 MHz
SPAN 20.0 MHz
RES BW 3 MHz(i)
VBW 3 MHz
SWP 20.0 msec

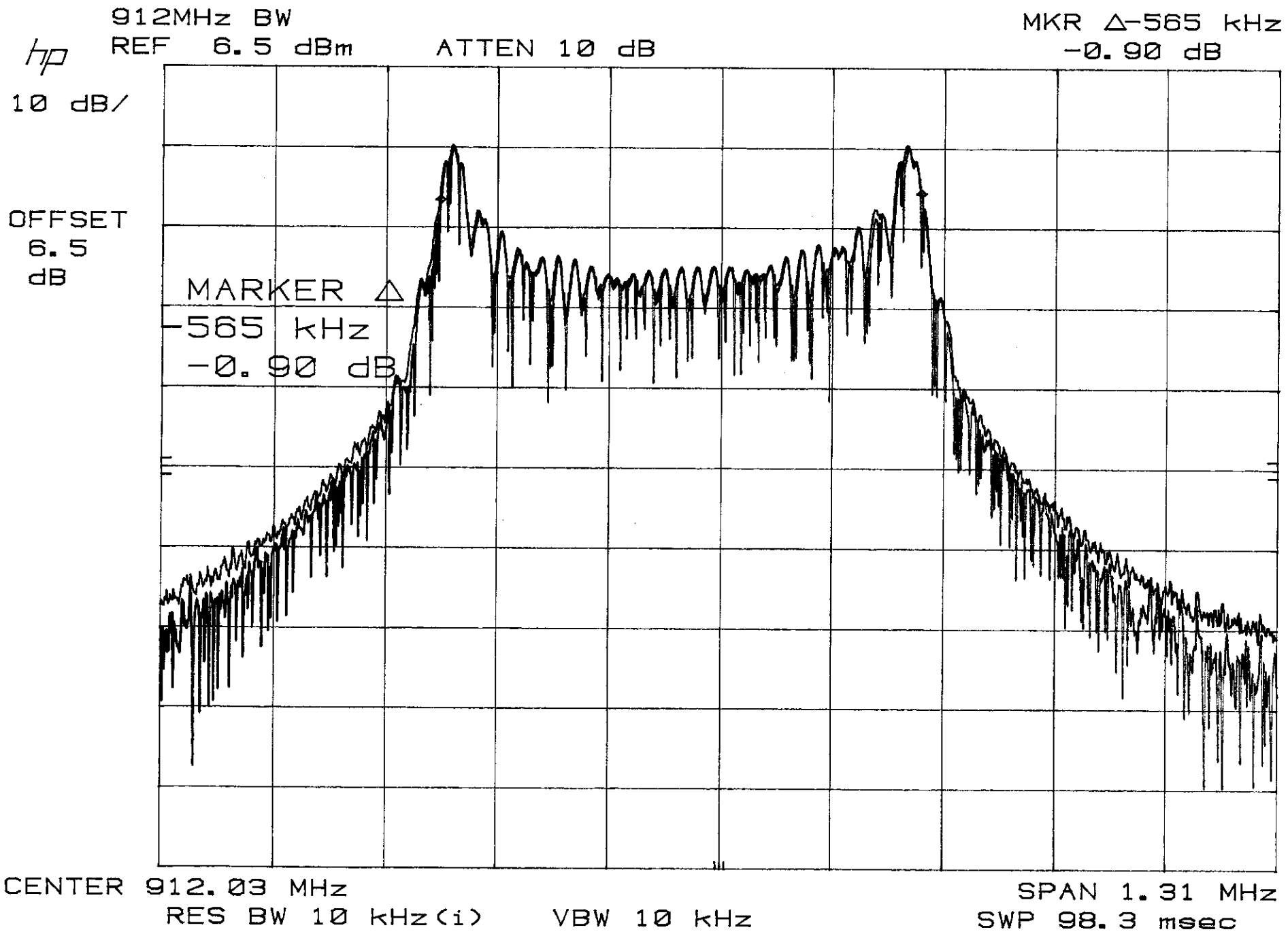
BAND EDGES

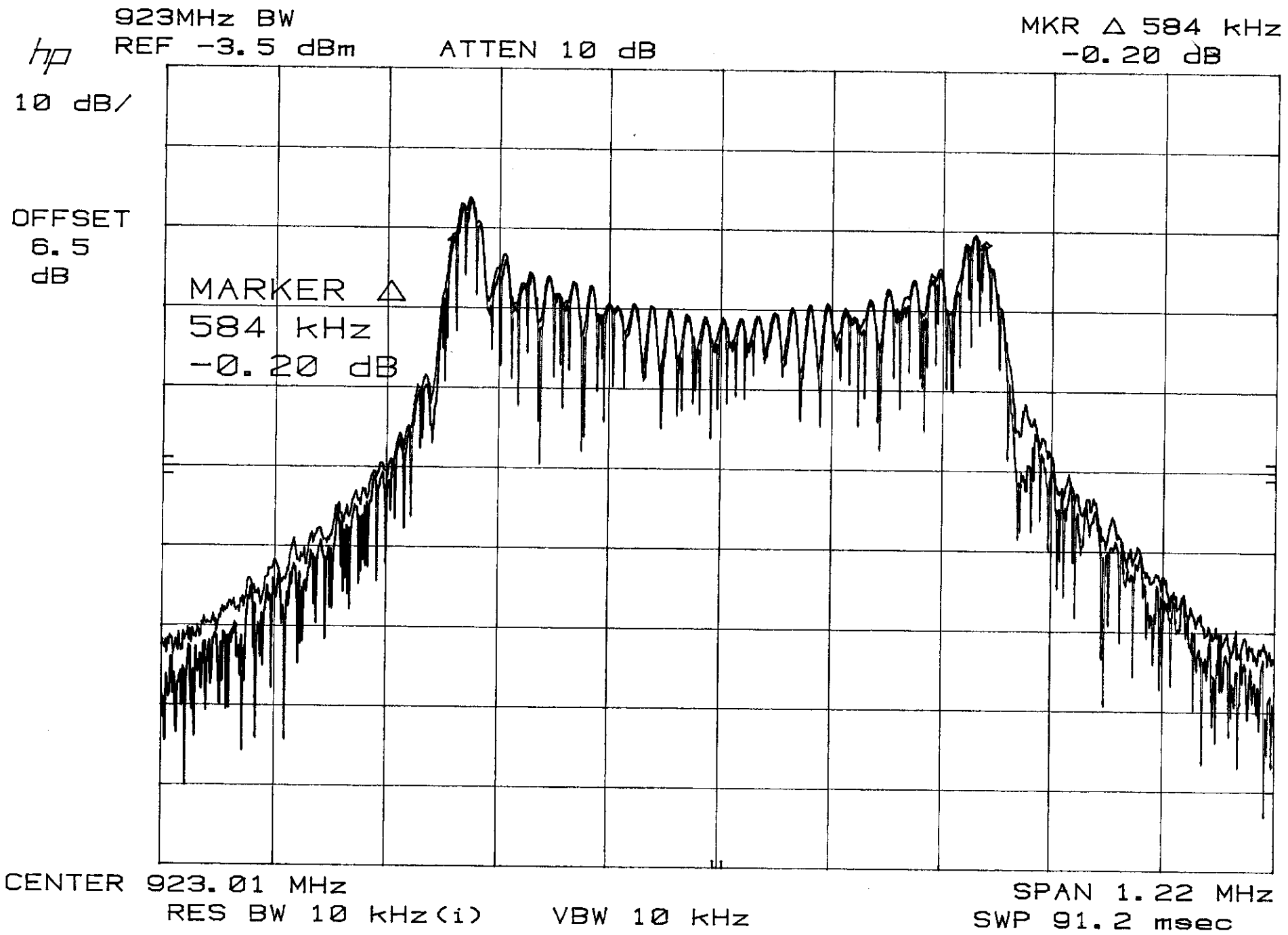

903.5MHz BandEdge
REF 6.5 dBm
ATTEN 10 dB
MKR 902.000 MHz
-55.20 dBm
10 dB/
OFFSET
6.5
dB
CENTER
902.00 MHz
STEP 800 kHz
CENTER 902.00 MHz
RES BW 100 kHz(i)
VBW 100 kHz
SPAN 4.00 MHz
SWP 20.0 msec


923MHz BandEdge
REF 6.5 dBm
ATTEN 10 dB
MKR 928.05 MHz
-71.50 dBm
10 dB/
OFFSET
6.5
dB
CENTER
928.0 MHz
STEP 800 kHz
CENTER 928.0 MHz
RES BW 100 kHz(i)
VBW 100 kHz
SPAN 16.1 MHz
SWP 20.0 msec

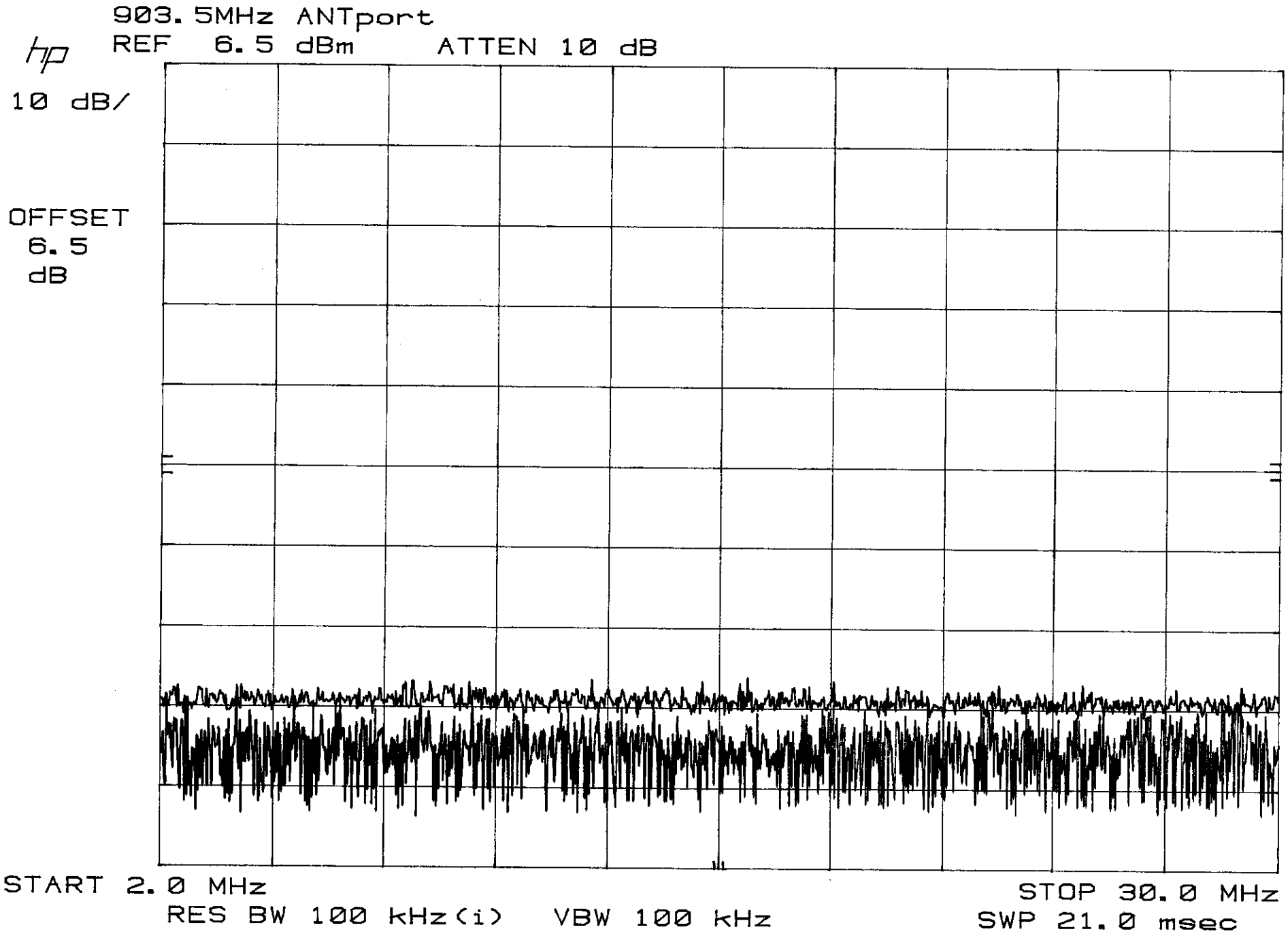
-6 dB BANDWIDTH

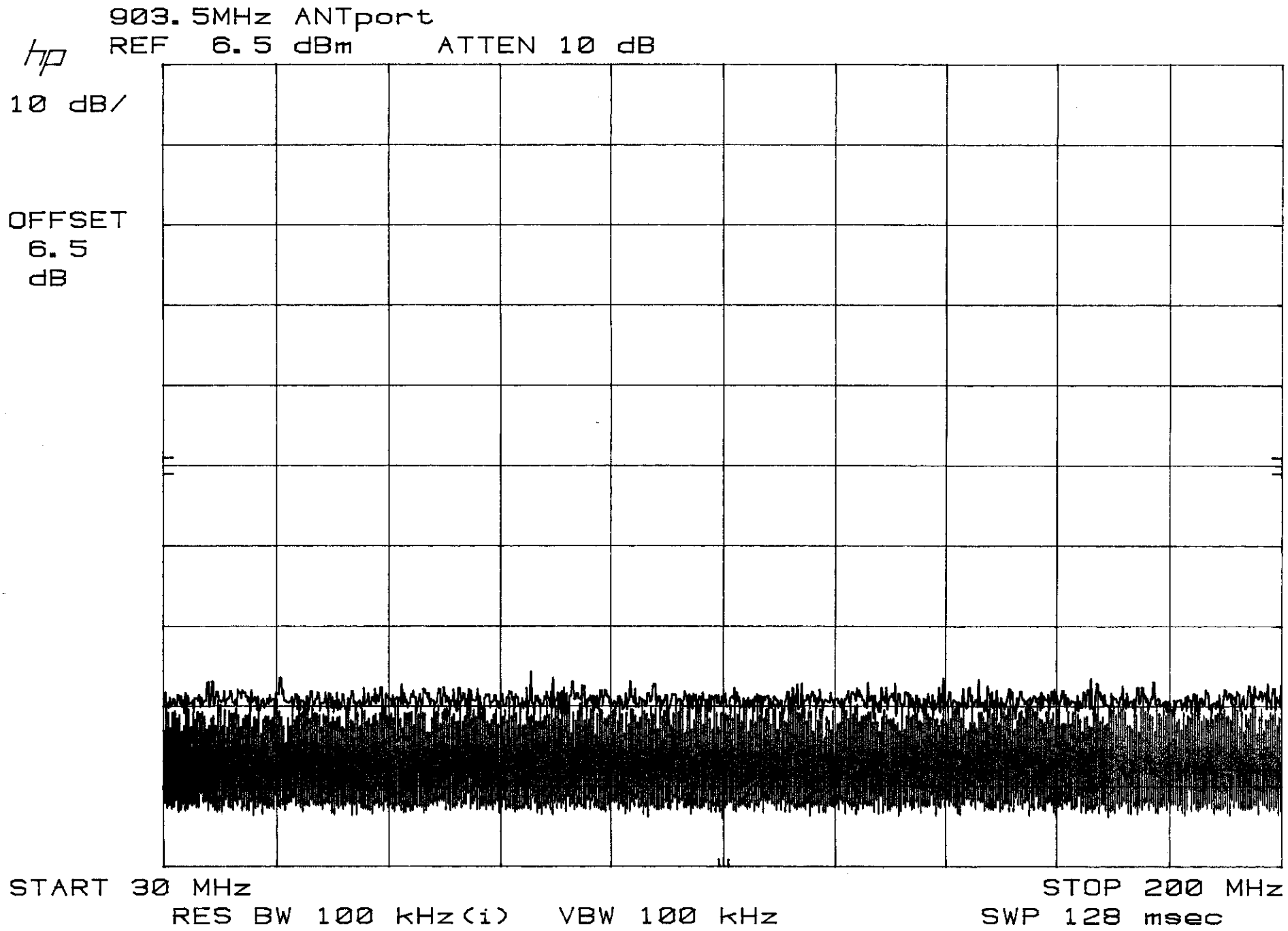

903.5MHz BW
REF 6.5 dBm
ATTEN 10 dB
MKR Δ-580 kHz
0.70 dB
10 dB/
OFFSET
6.5
dB
MARKER Δ
-580 kHz
0.70 dB
CENTER 903.47 MHz
RES BW 10 kHz(i)
VBW 10 kHz
SPAN 2.00 MHz
SWP 150 msec

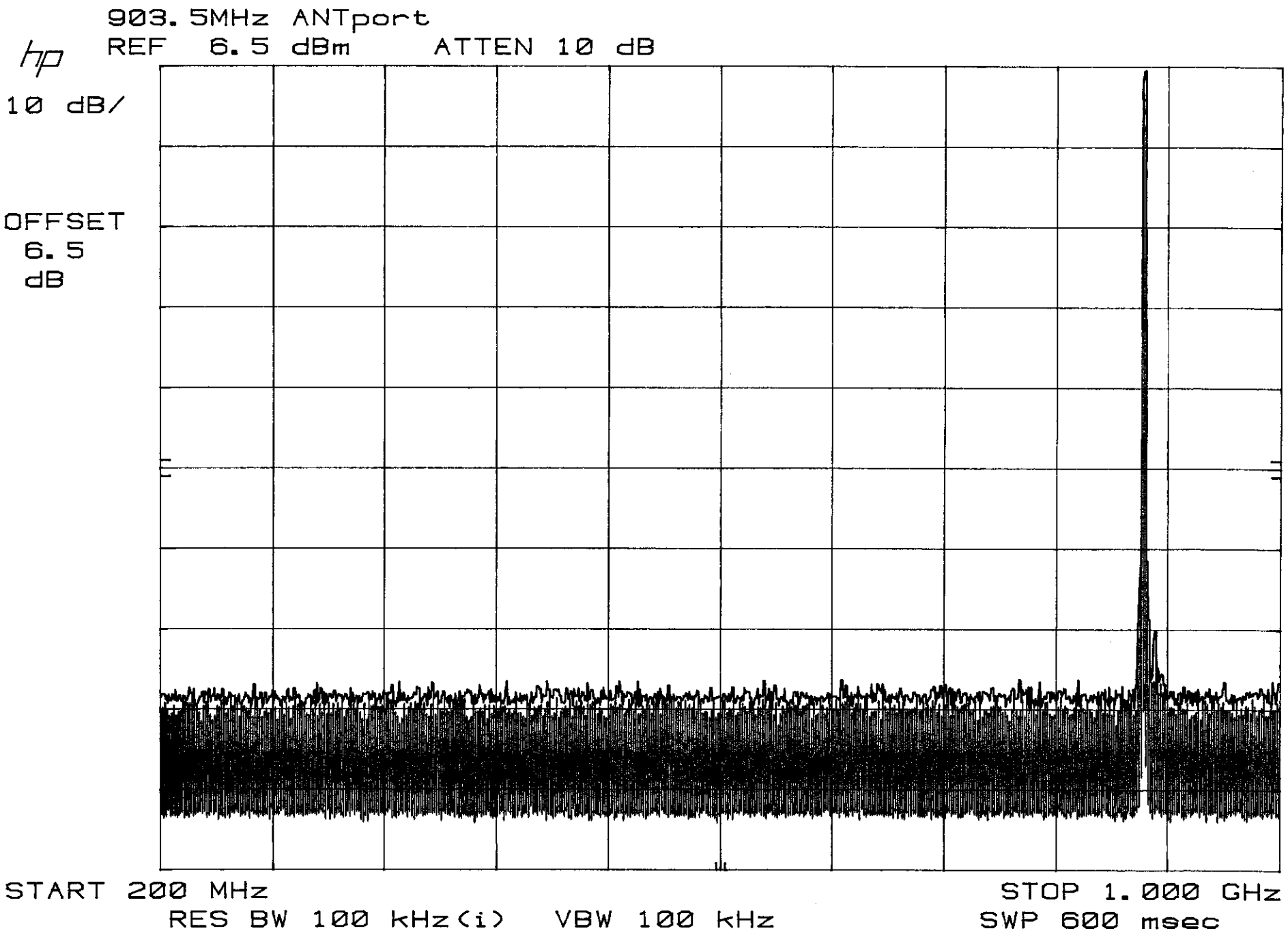

912MHz BW
REF 6.5 dBm
ATTEN 10 dB
MKR Δ-565 kHz
-0.90 dB
10 dB/
OFFSET
6.5
dB
MARKER Δ
-565 kHz
-0.90 dB
CENTER 912.03 MHz
RES BW 10 kHz(i)
VBW 10 kHz
SPAN 1.31 MHz
SWP 98.3 msec

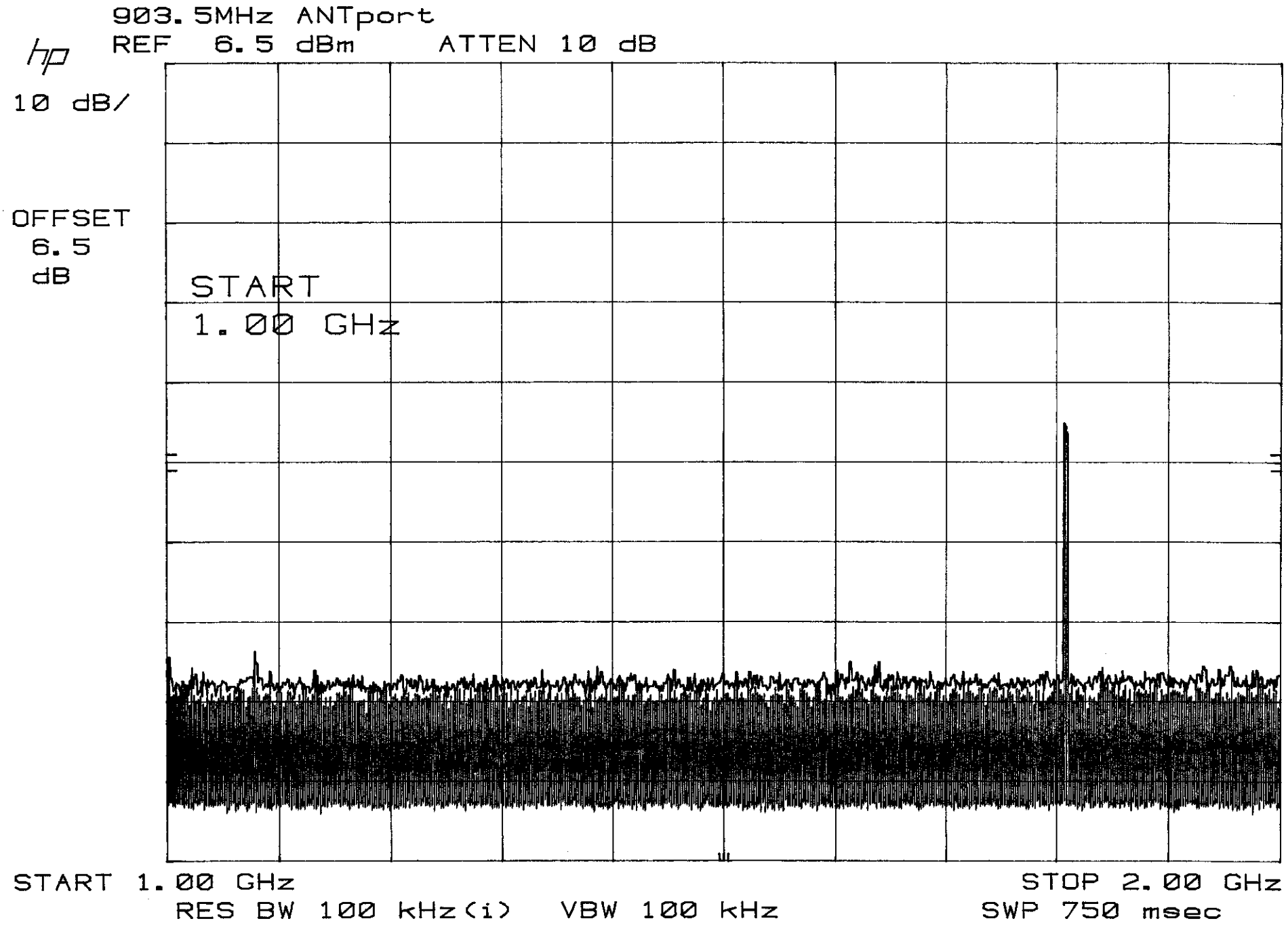

923MHz BW
REF -3.5 dBm
ATTEN 10 dB
MKR Δ 584 kHz
-0.20 dB
10 dB/
OFFSET
6.5
dB
MARKER Δ
584 kHz
-0.20 dB
CENTER 923.01 MHz
RES BW 10 kHz(i)
VBW 10 kHz
SPAN 1.22 MHz
SWP 91.2 msec

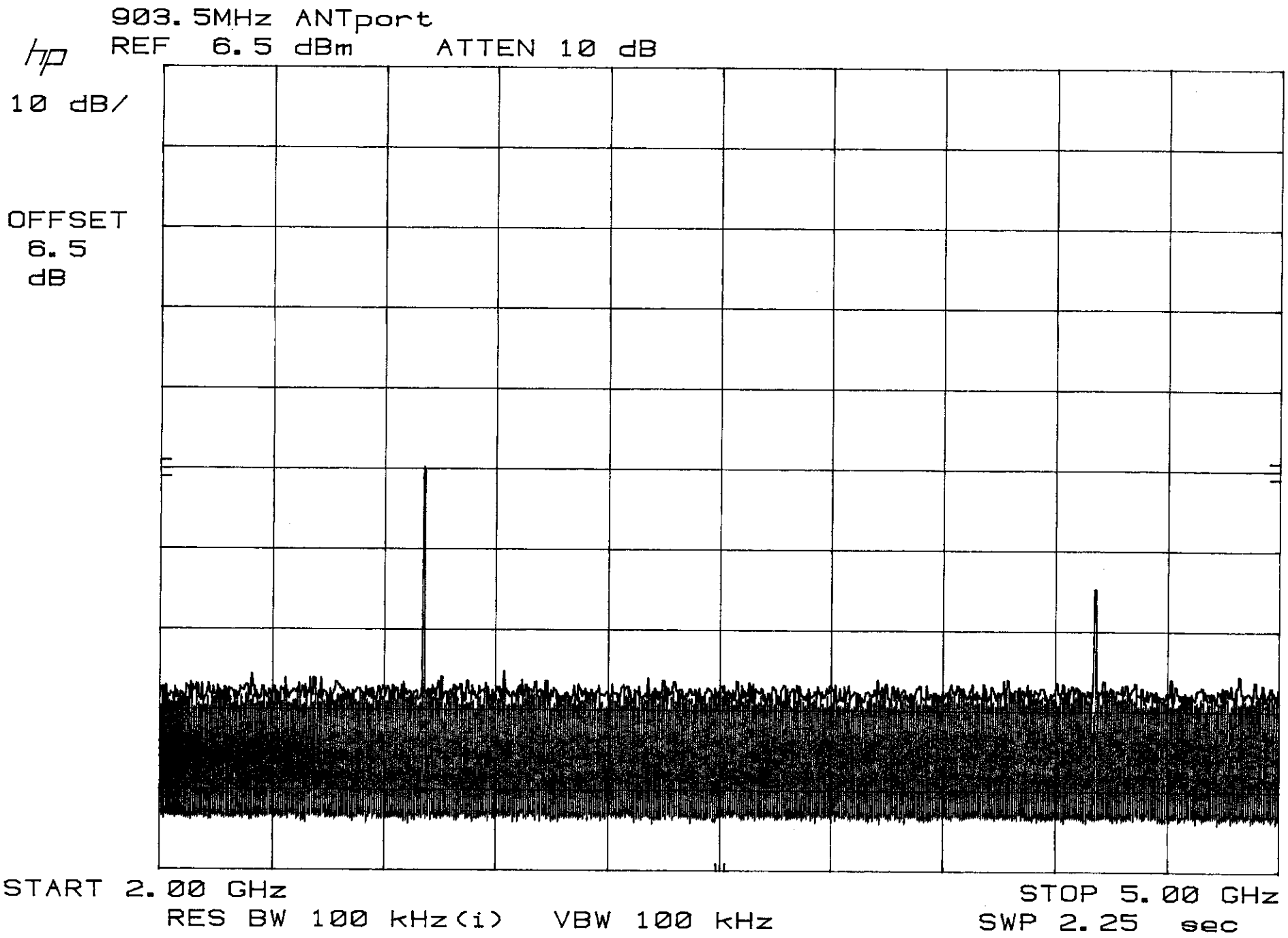
RF ANTENNA CONDUCTED

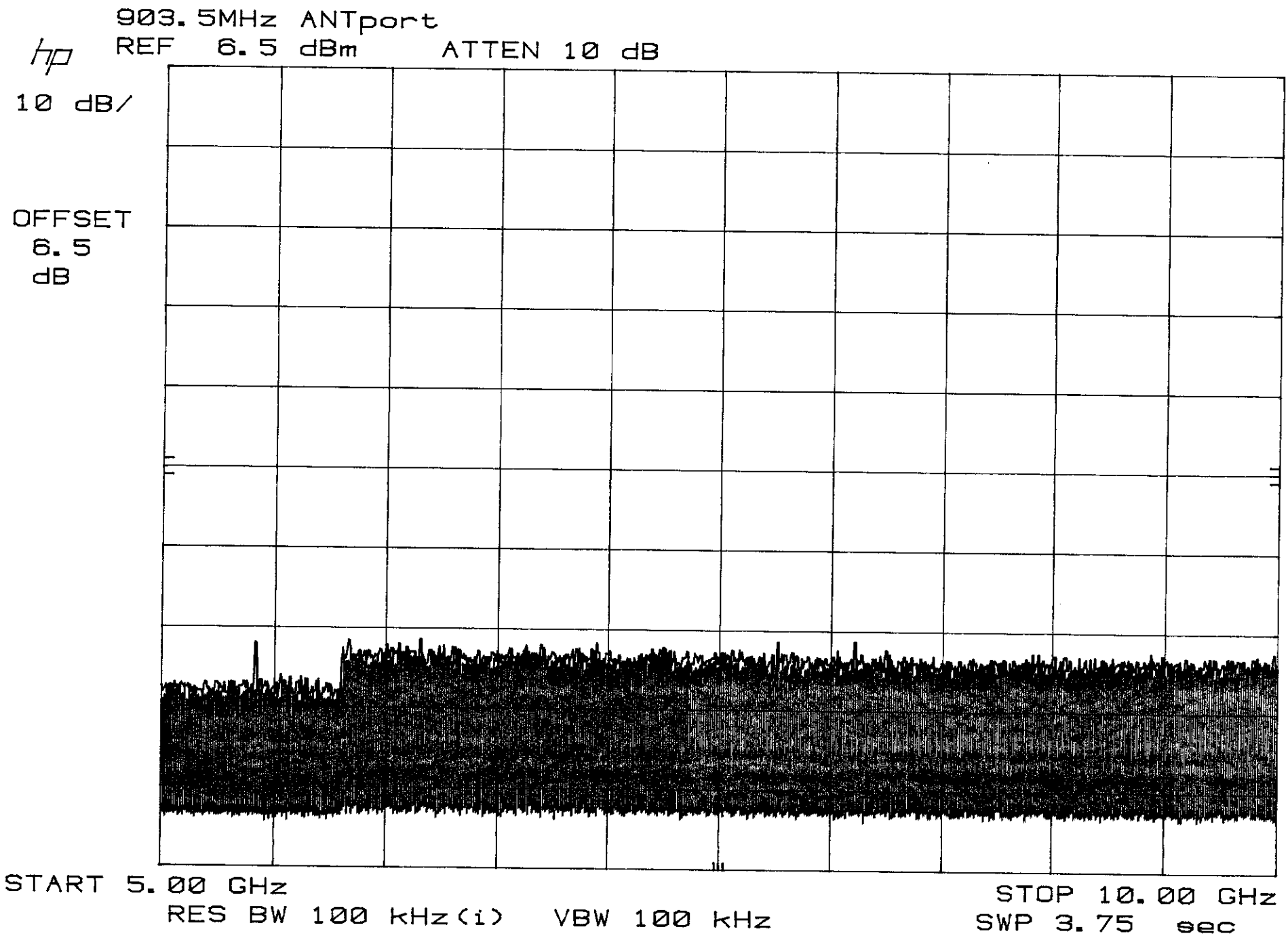

903.5MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 2.0 MHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 30.0 MHz
SWP 21.0 msec

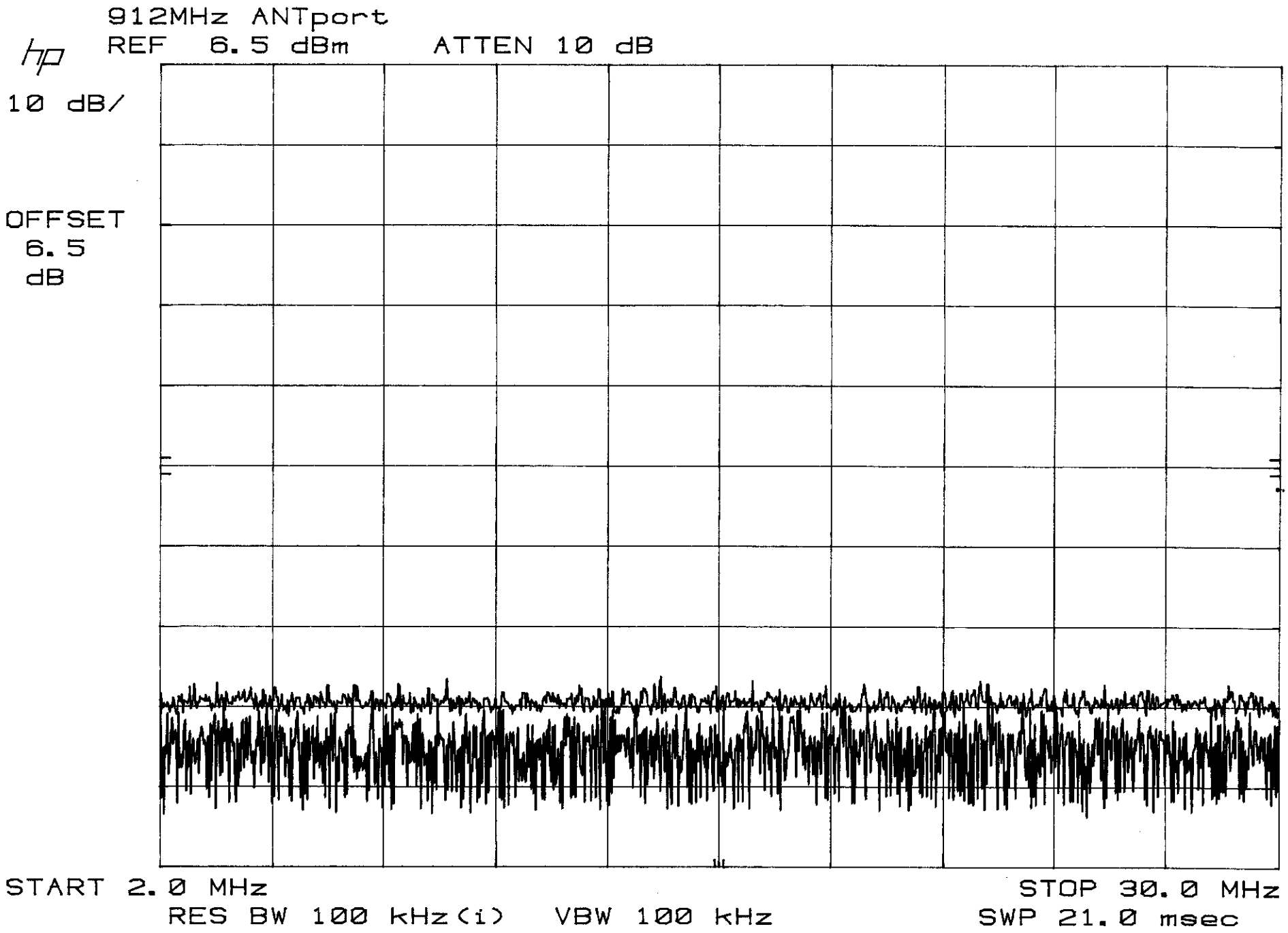

903.5MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 30 MHz
STOP 200 MHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 128 msec

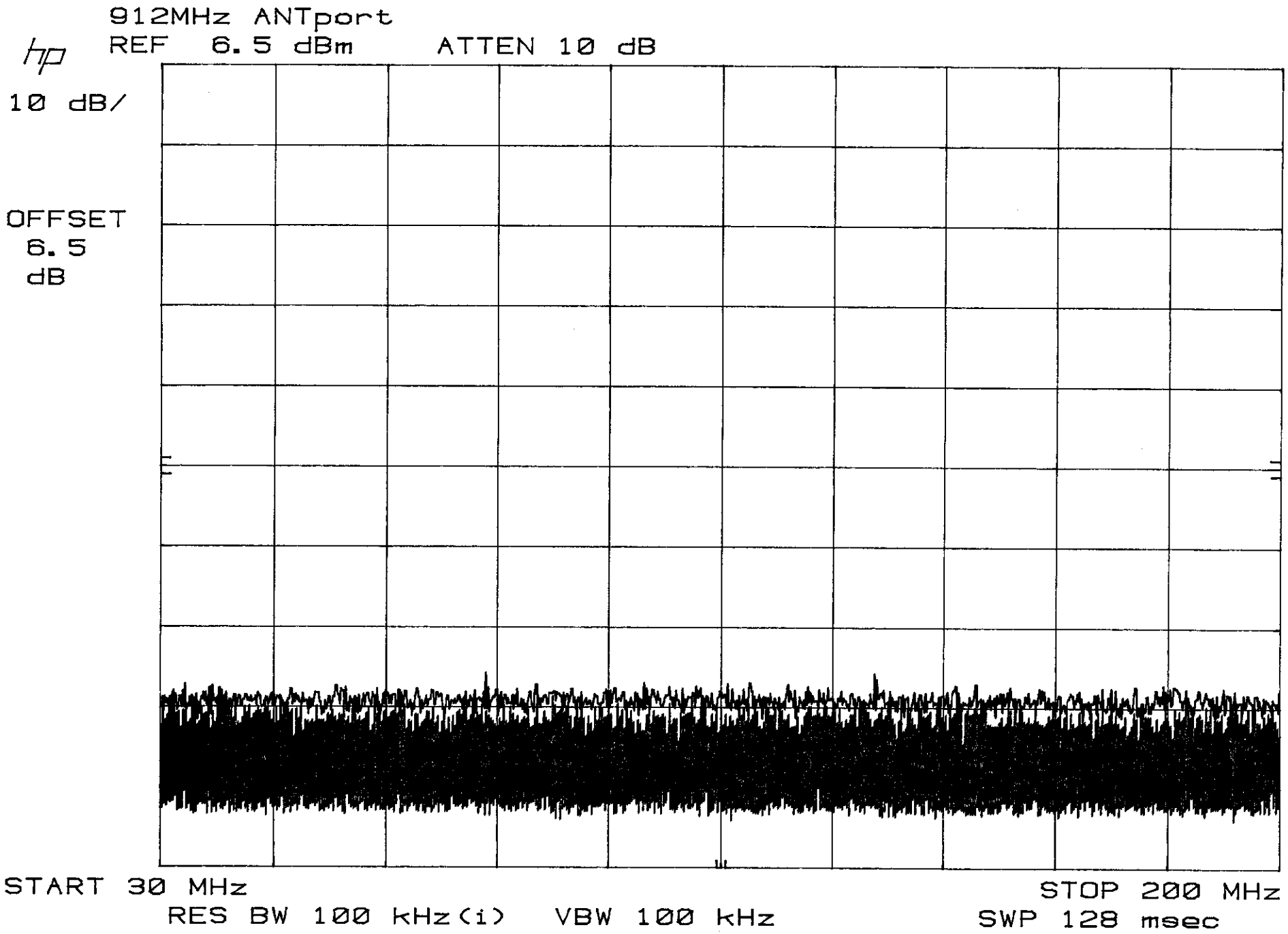

903.5MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 200 MHz
STOP 1.000 GHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 600 msec

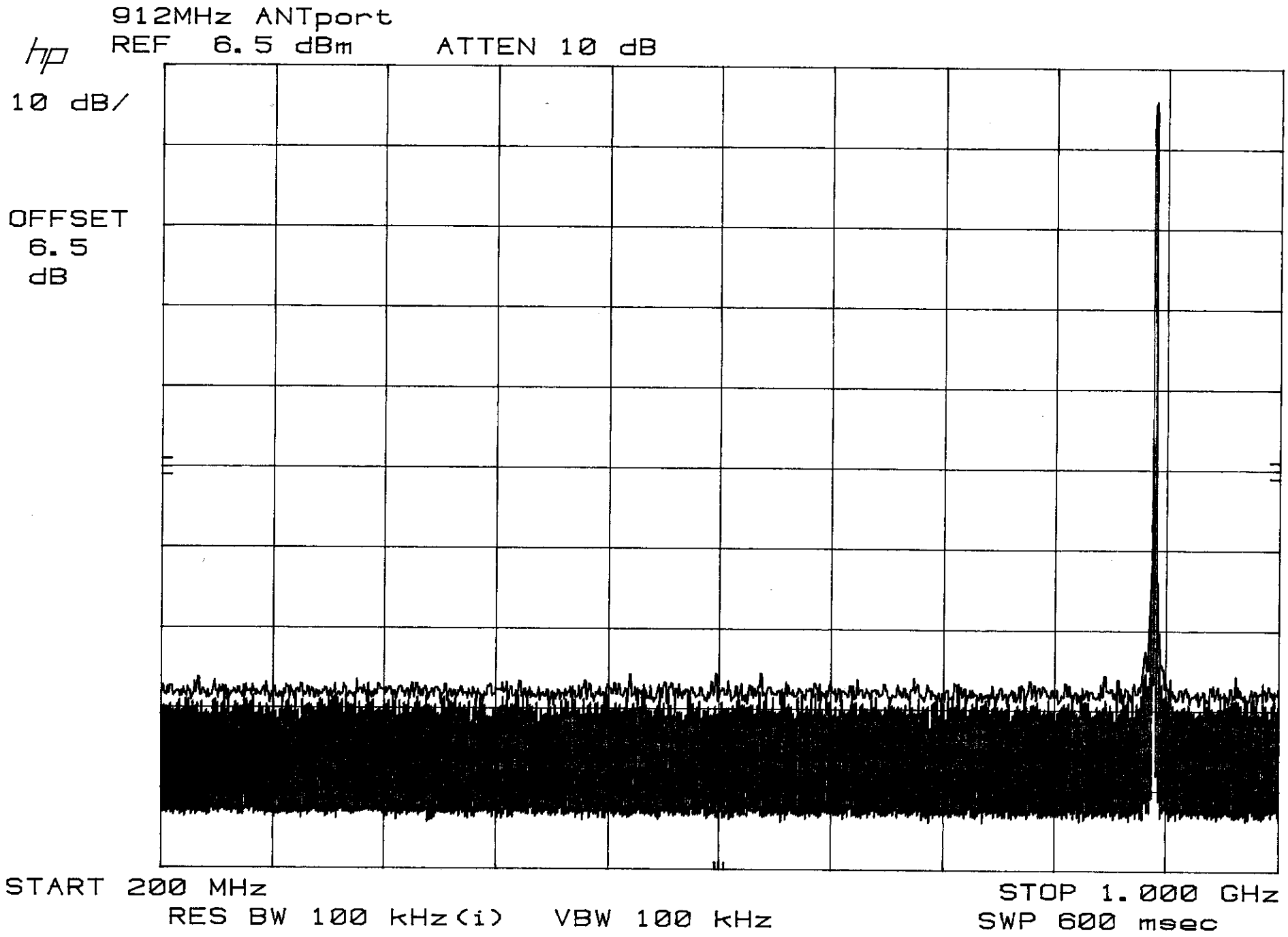

903.5MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START
1.00 GHz
START 1.00 GHz
STOP 2.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 750 msec

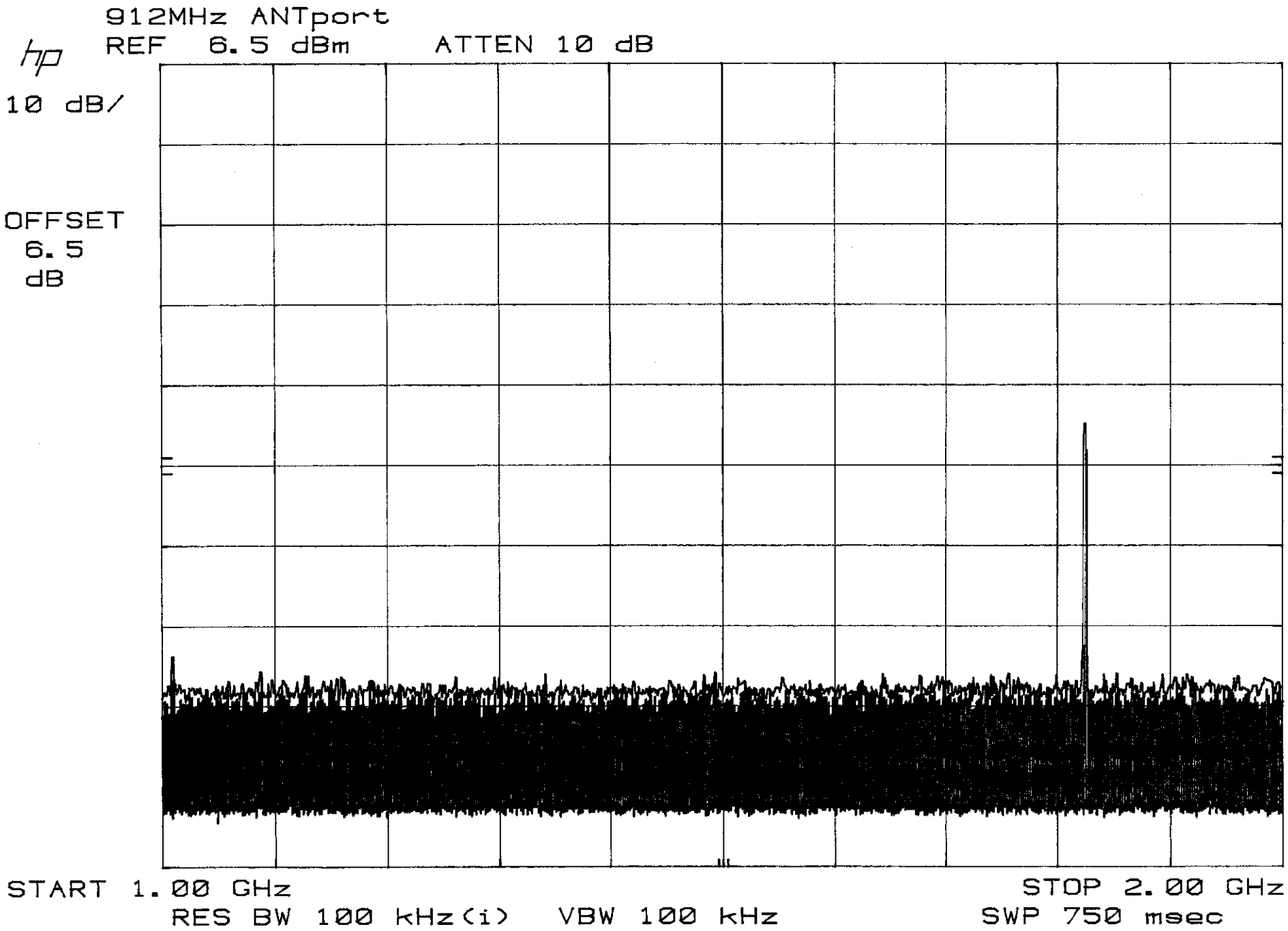

903.5MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 2.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 5.00 GHz
SWP 2.25 sec

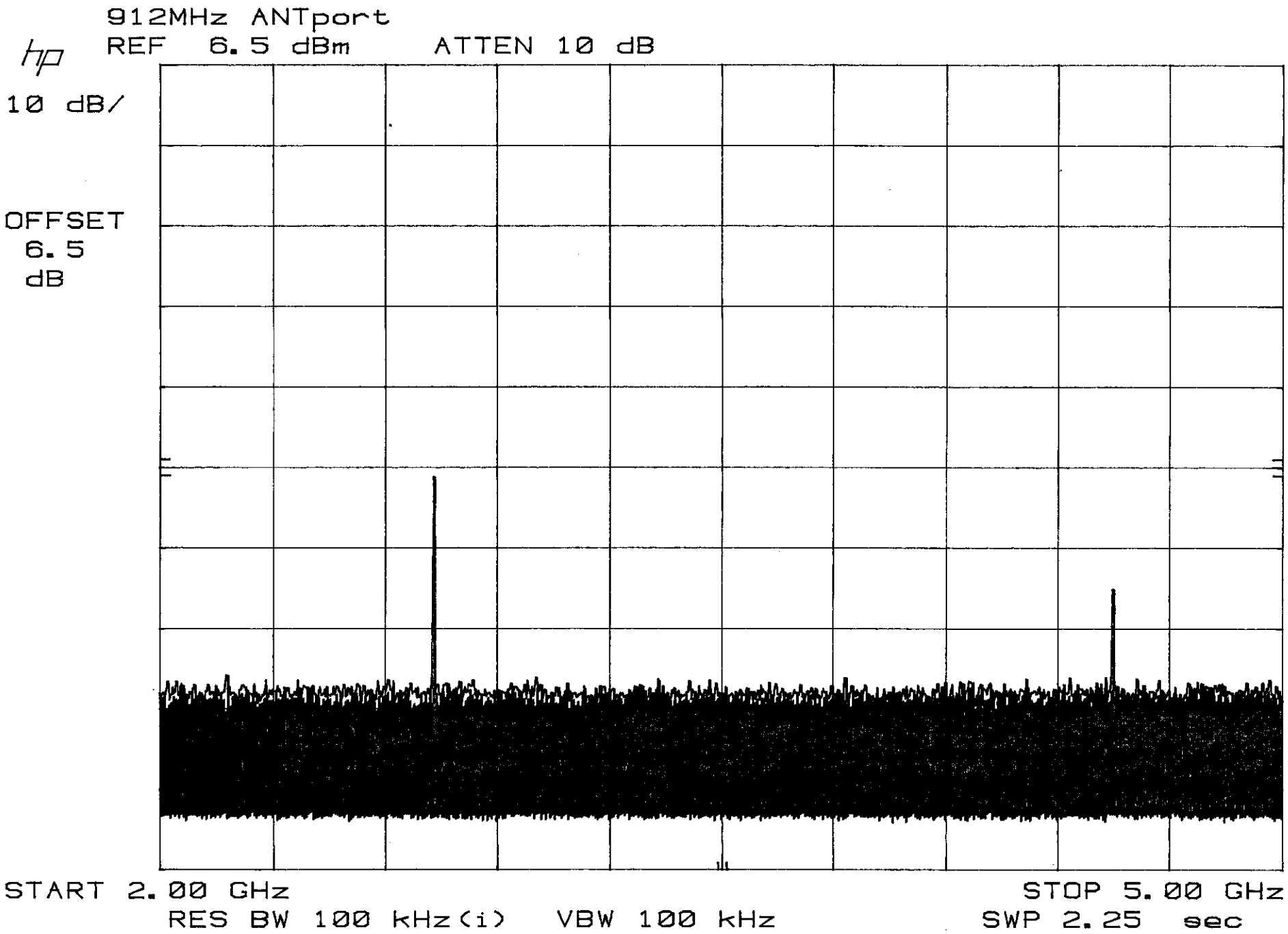

903.5MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 5.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 10.00 GHz
SWP 3.75 sec

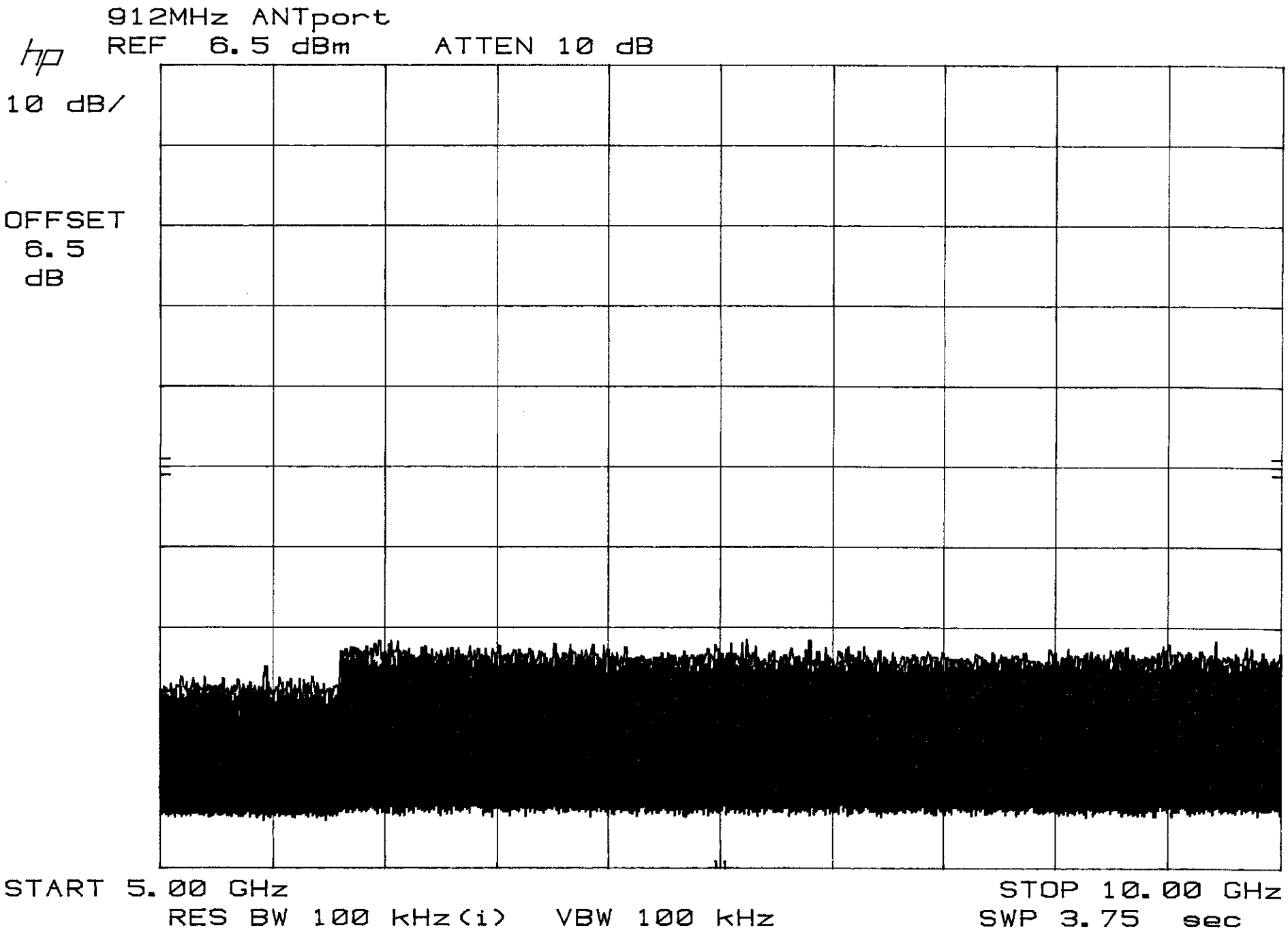

912MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 2.0 MHz
STOP 30.0 MHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 21.0 msec

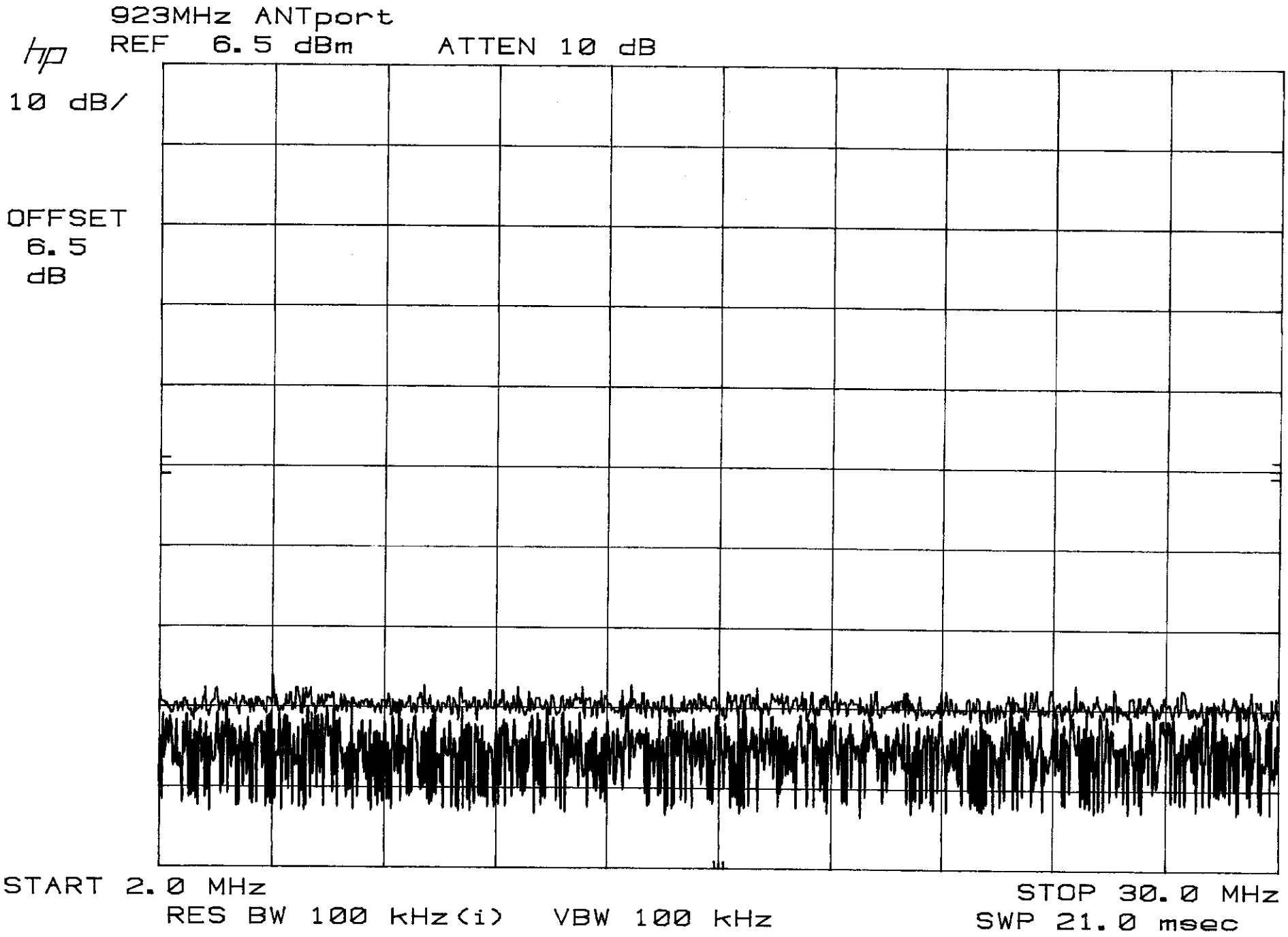

912MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 30 MHz
STOP 200 MHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 128 msec

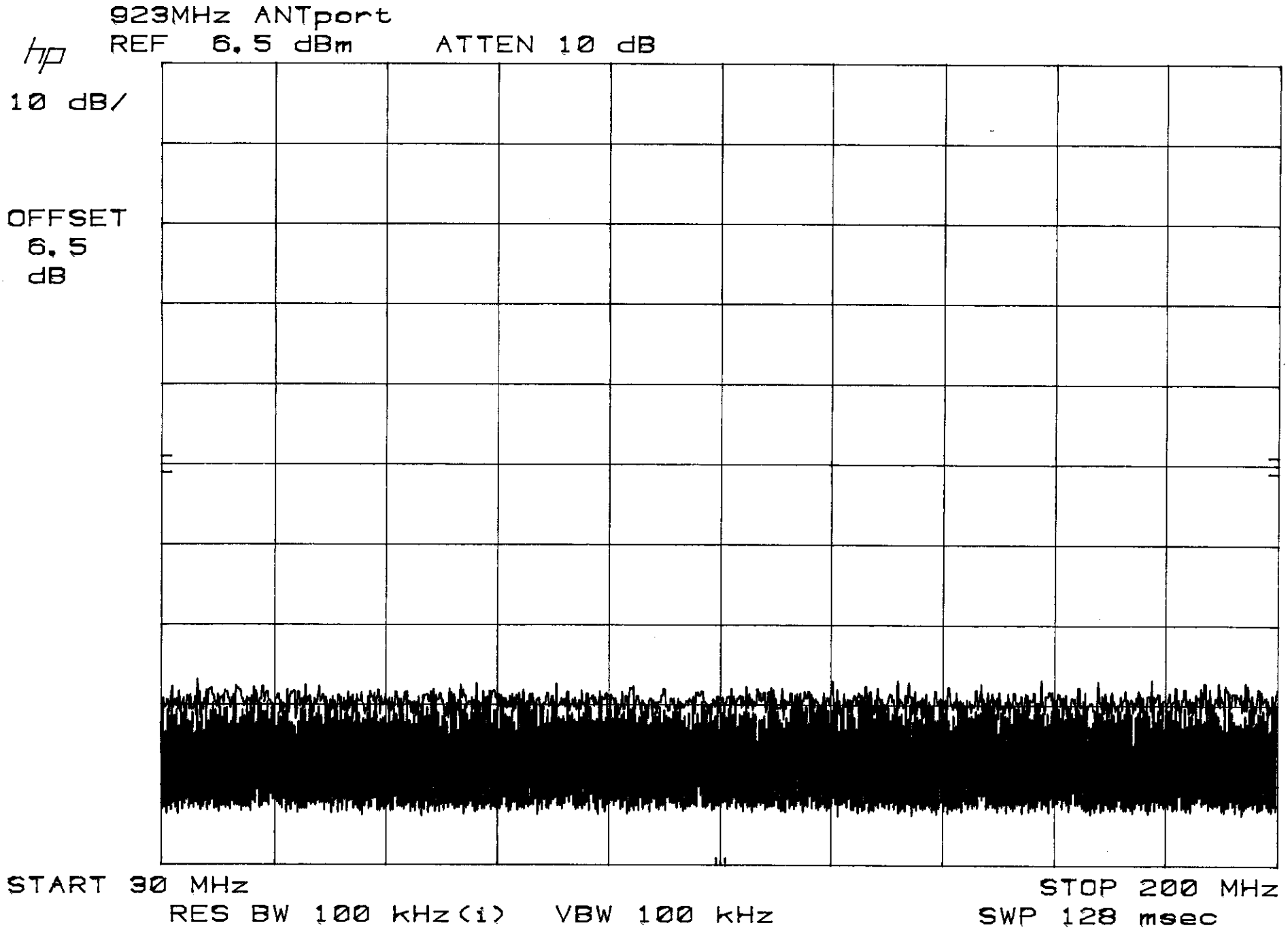

912MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 200 MHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 1.000 GHz
SWP 600 msec

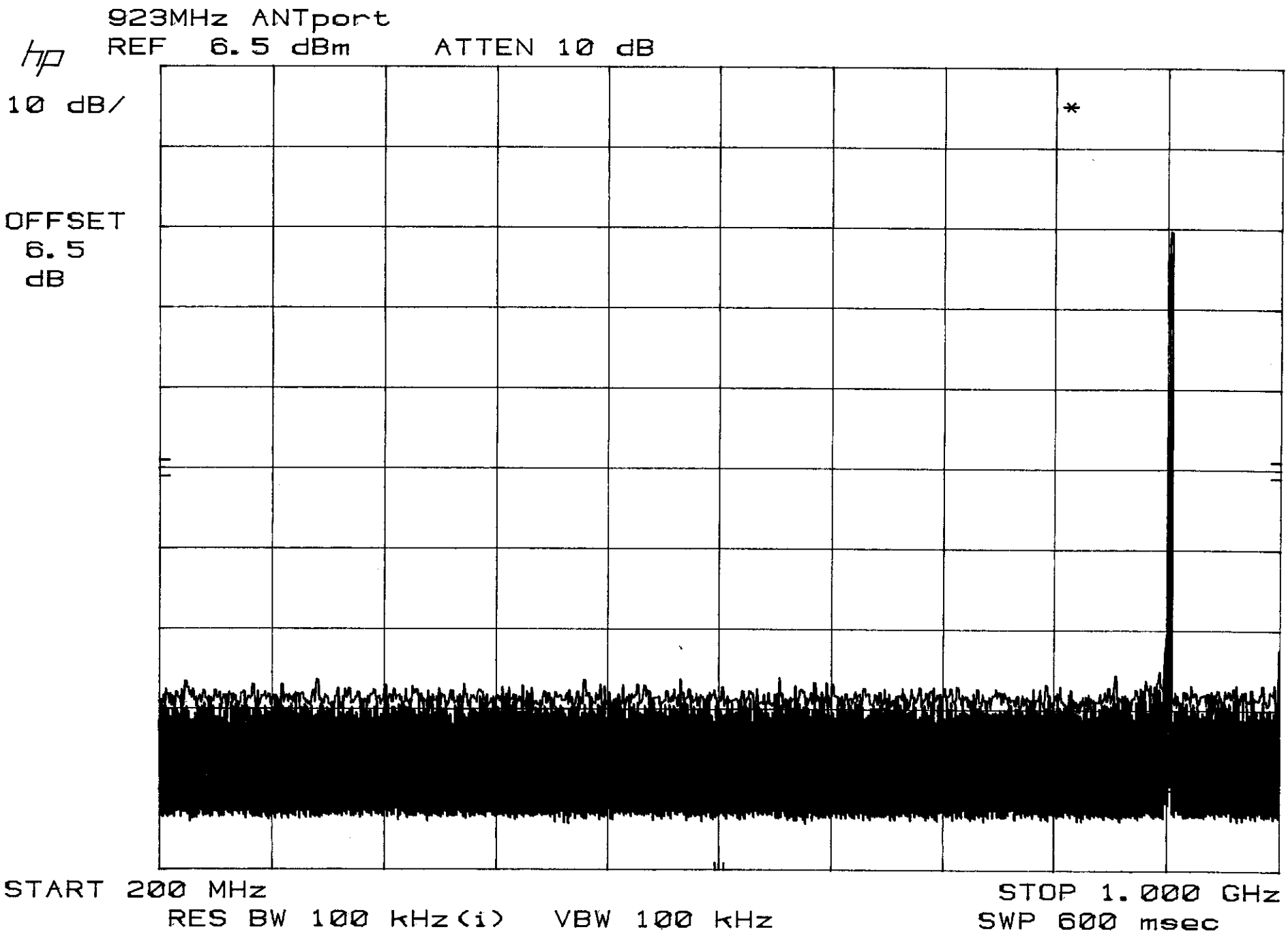

912MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 1.00 GHz
STOP 2.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 750 msec

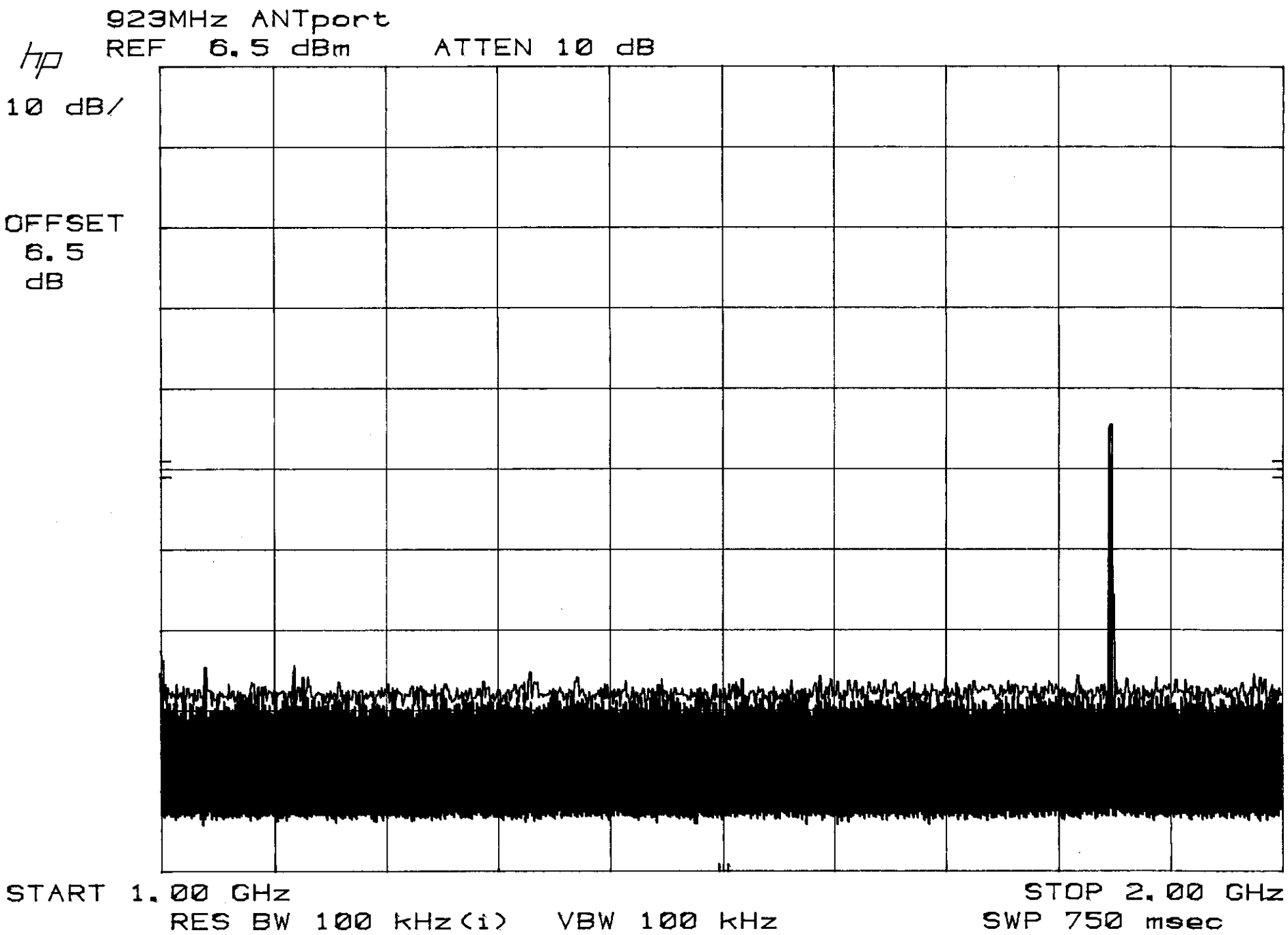

912MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 2.00 GHz
STOP 5.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 2.25 sec

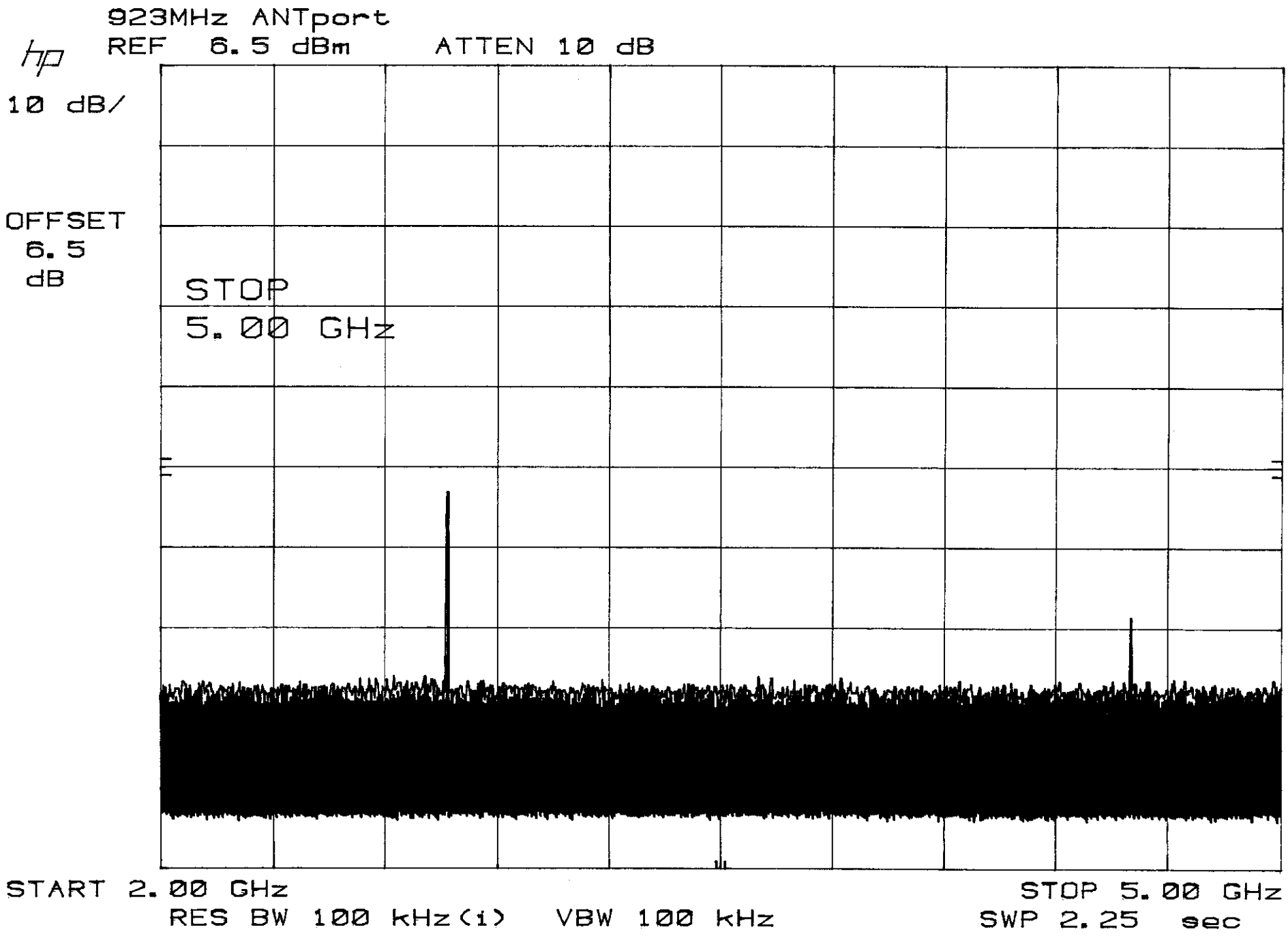

912MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 5.00 GHz
STOP 10.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 3.75 sec

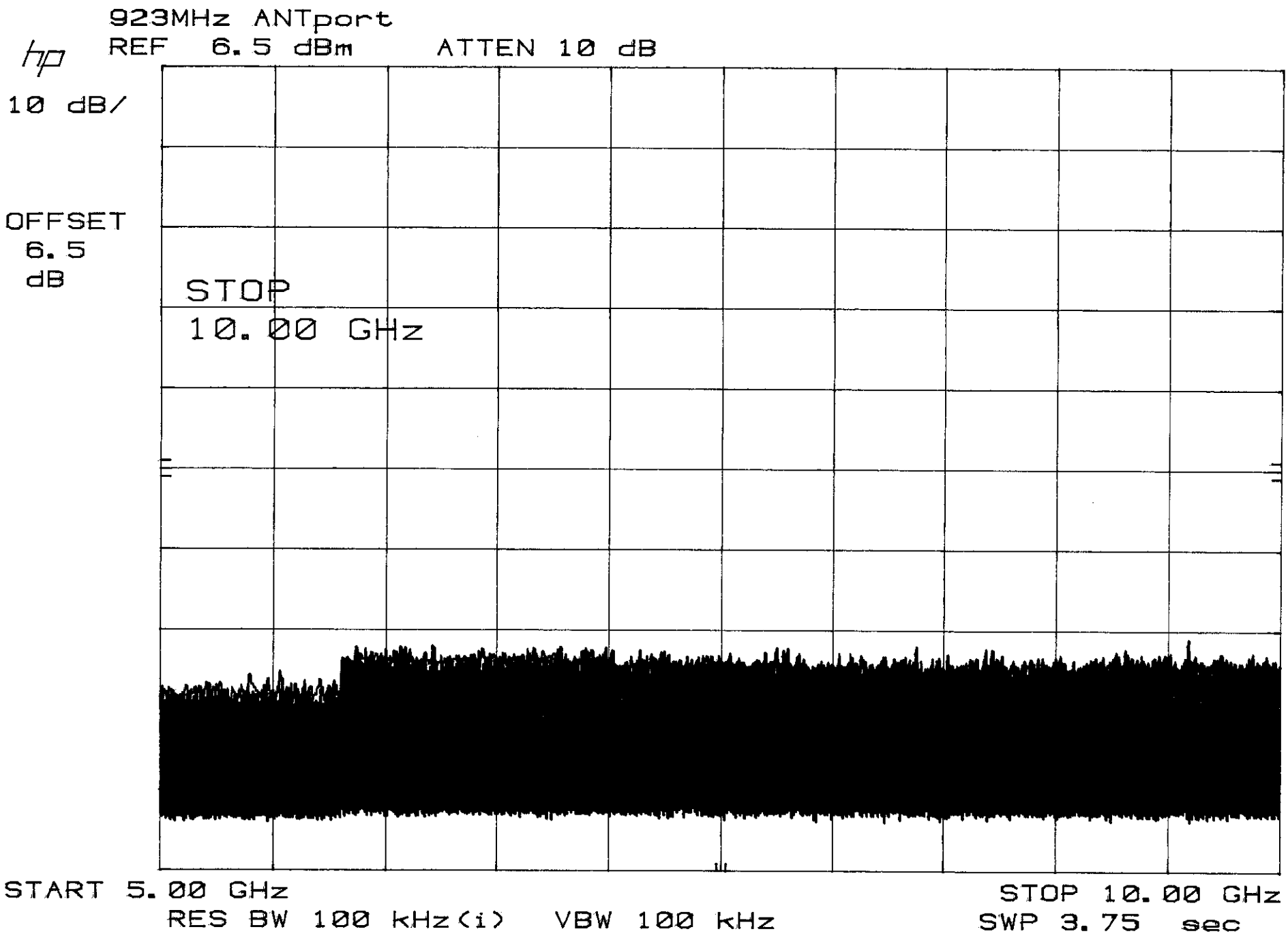

923MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 2.0 MHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 30.0 MHz
SWP 21.0 msec


923MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 30 MHz
STOP 200 MHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 128 msec

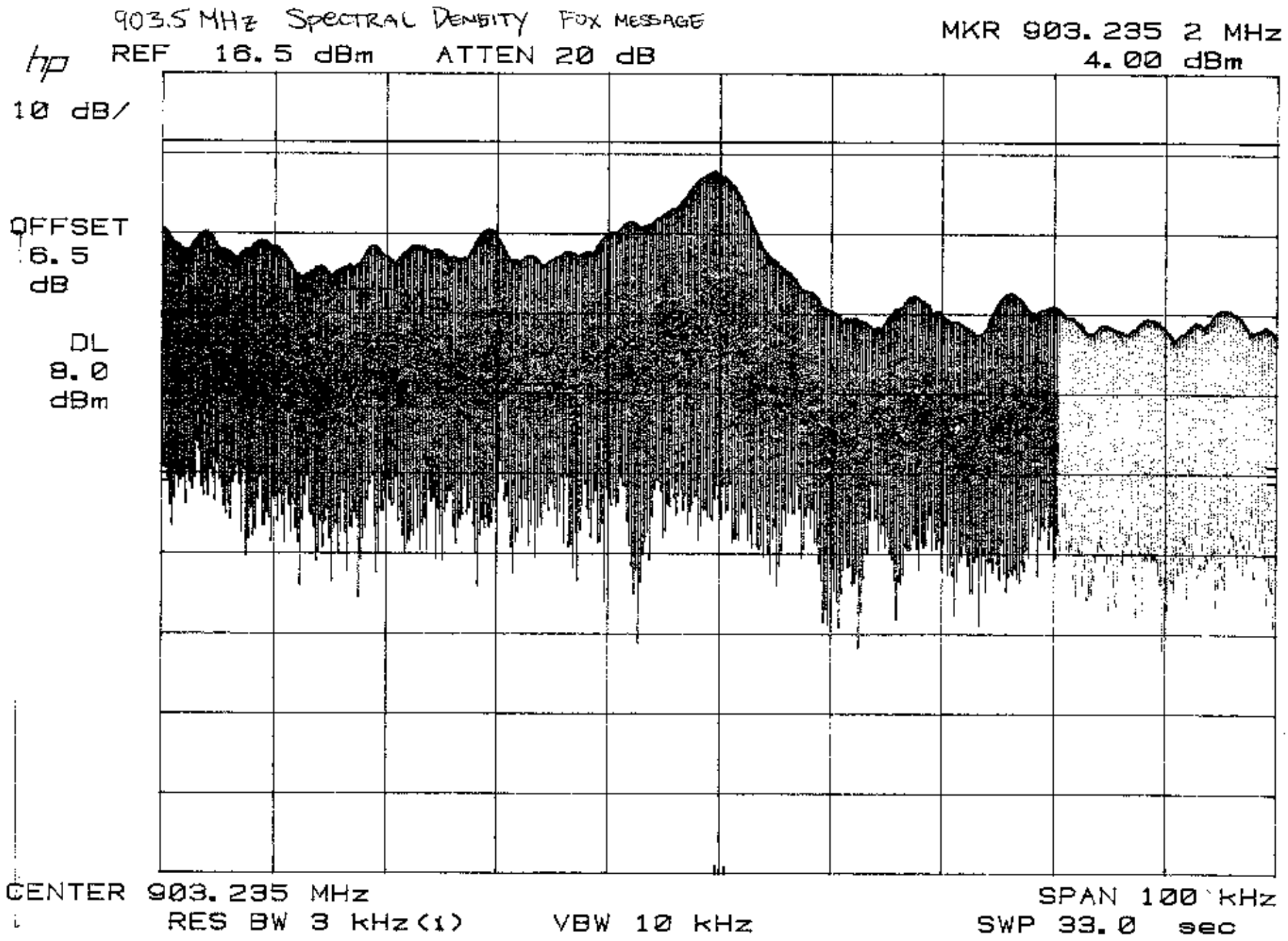

923MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 200 MHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 1.000 GHz
SWP 600 msec

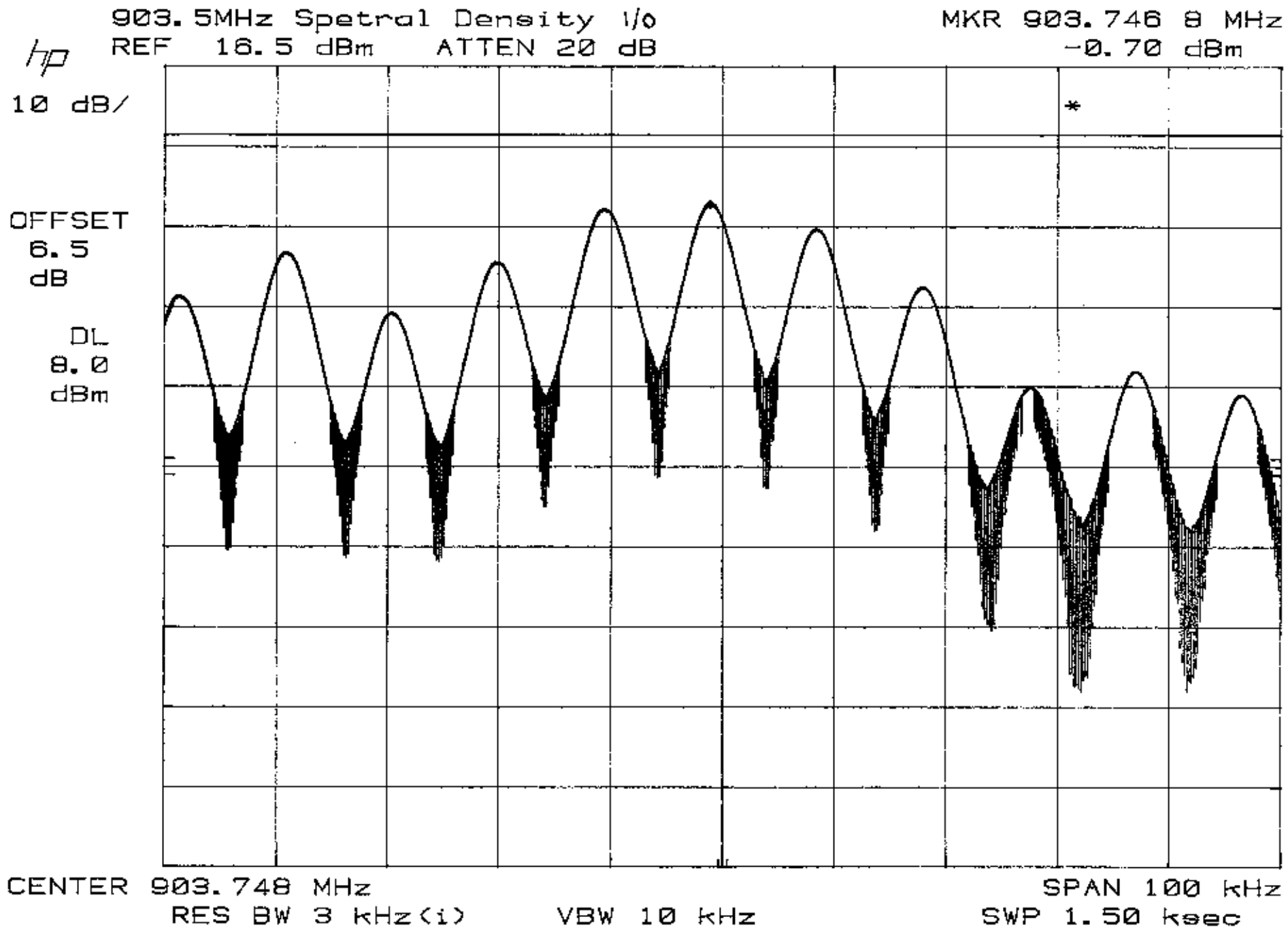

923MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
START 1.00 GHz
STOP 2.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
SWP 750 msec

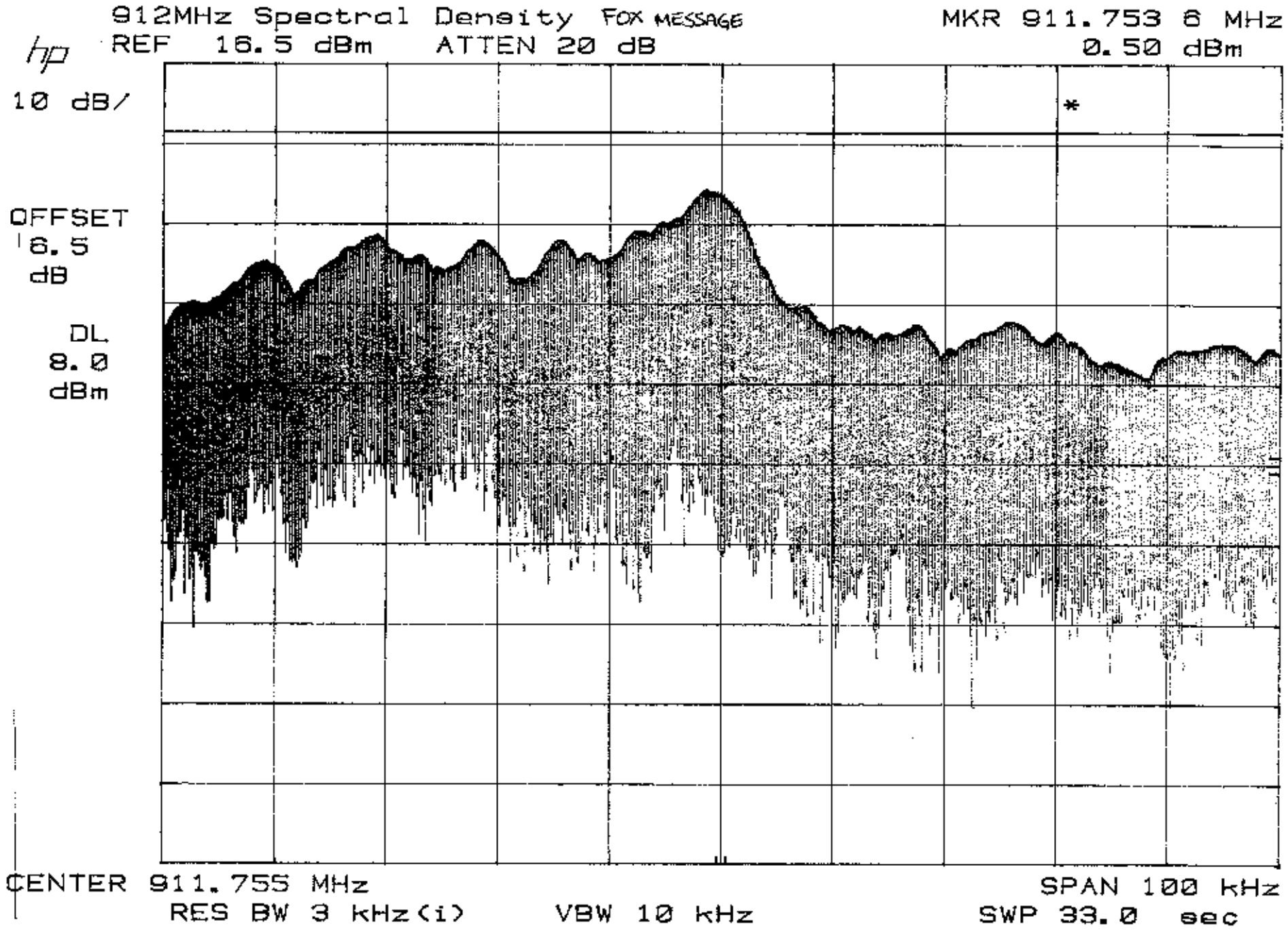

923MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
STOP
5.00 GHz
START 2.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 5.00 GHz
SWP 2.25 sec

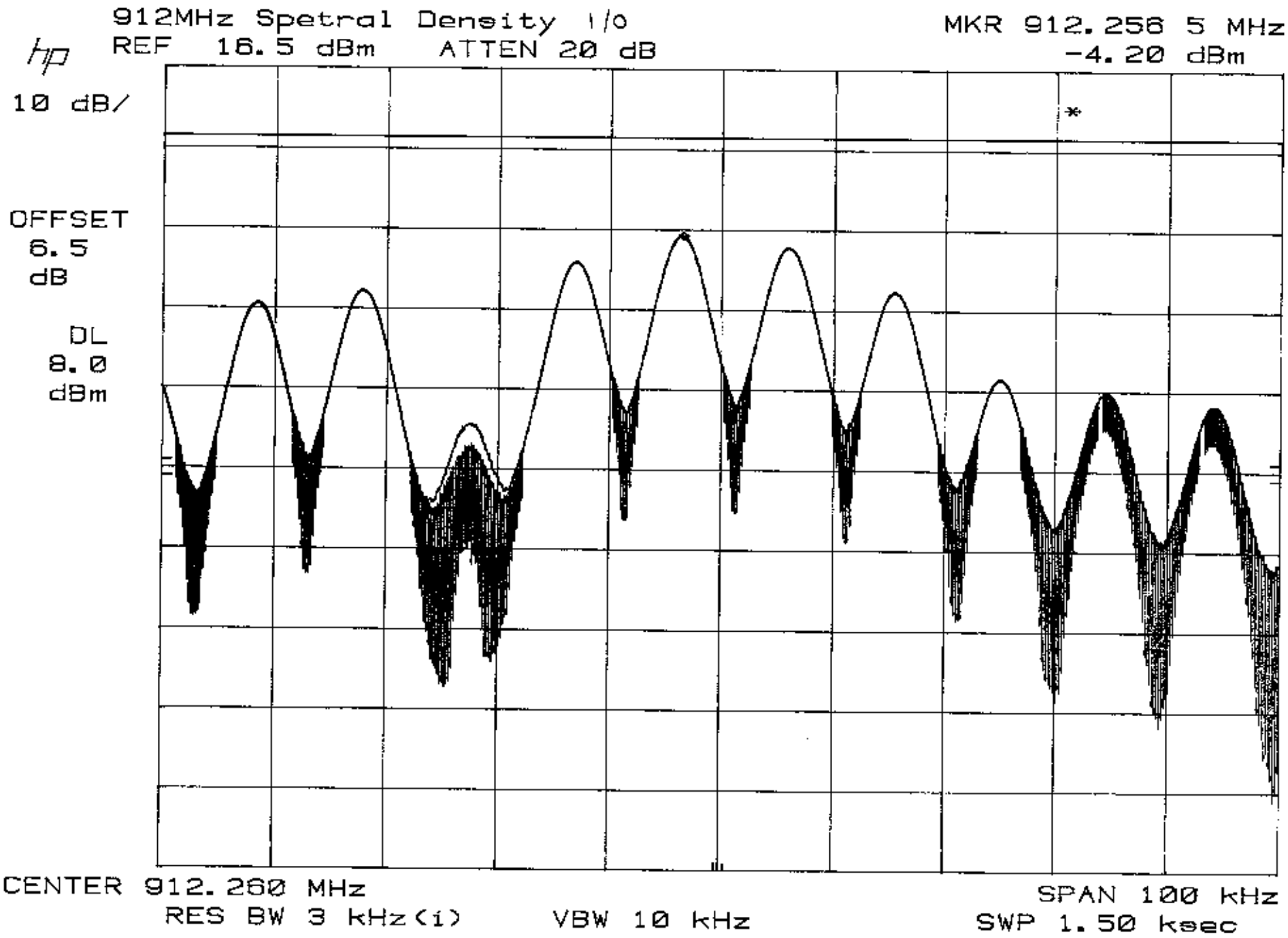

923MHz ANTport
REF 6.5 dBm
ATTEN 10 dB
10 dB/
OFFSET
6.5
dB
STOP
10.00 GHz
START 5.00 GHz
RES BW 100 kHz(i)
VBW 100 kHz
STOP 10.00 GHz
SWP 3.75 sec

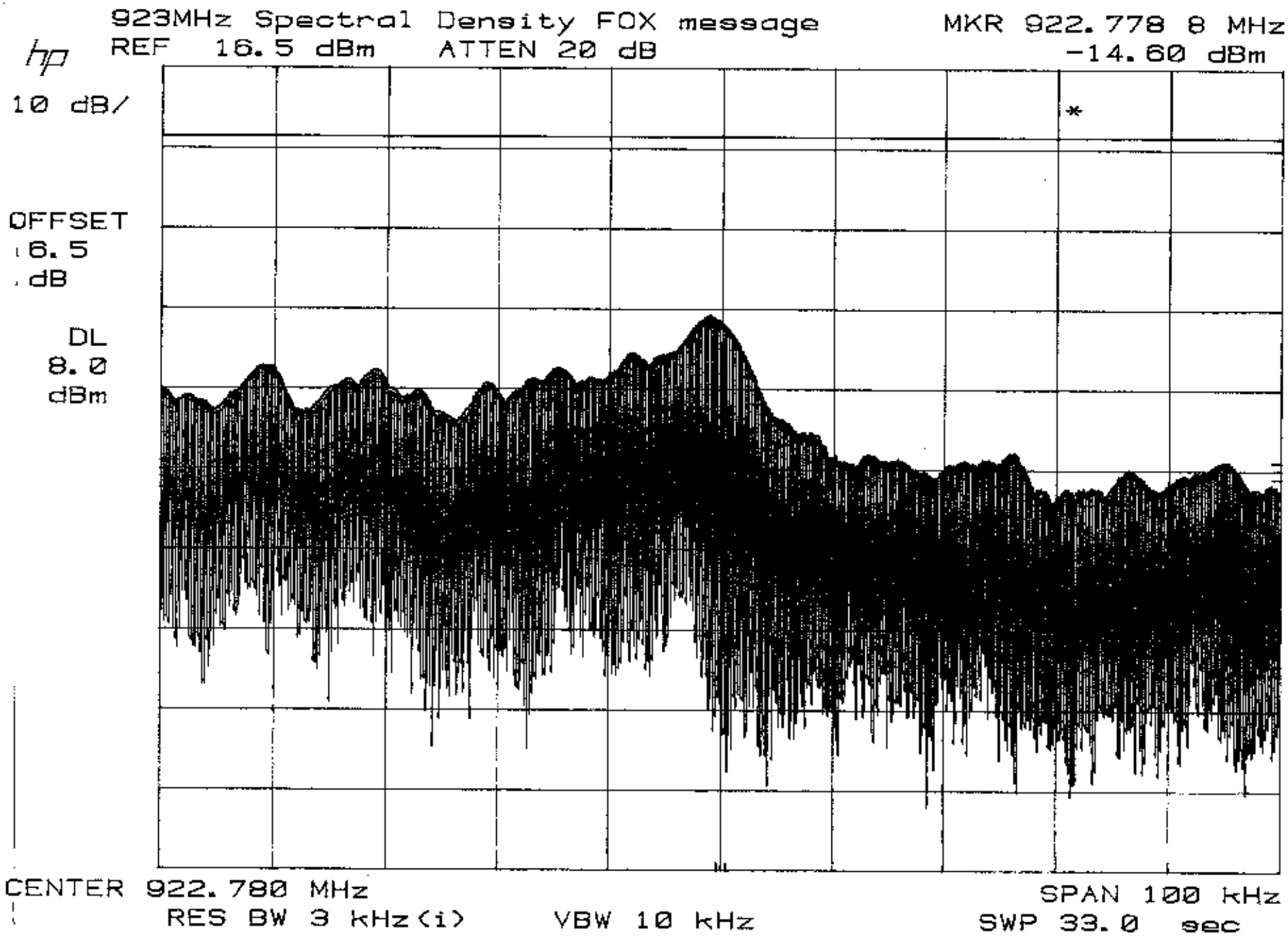
PEAK POWER SPECTRAL DENSITY

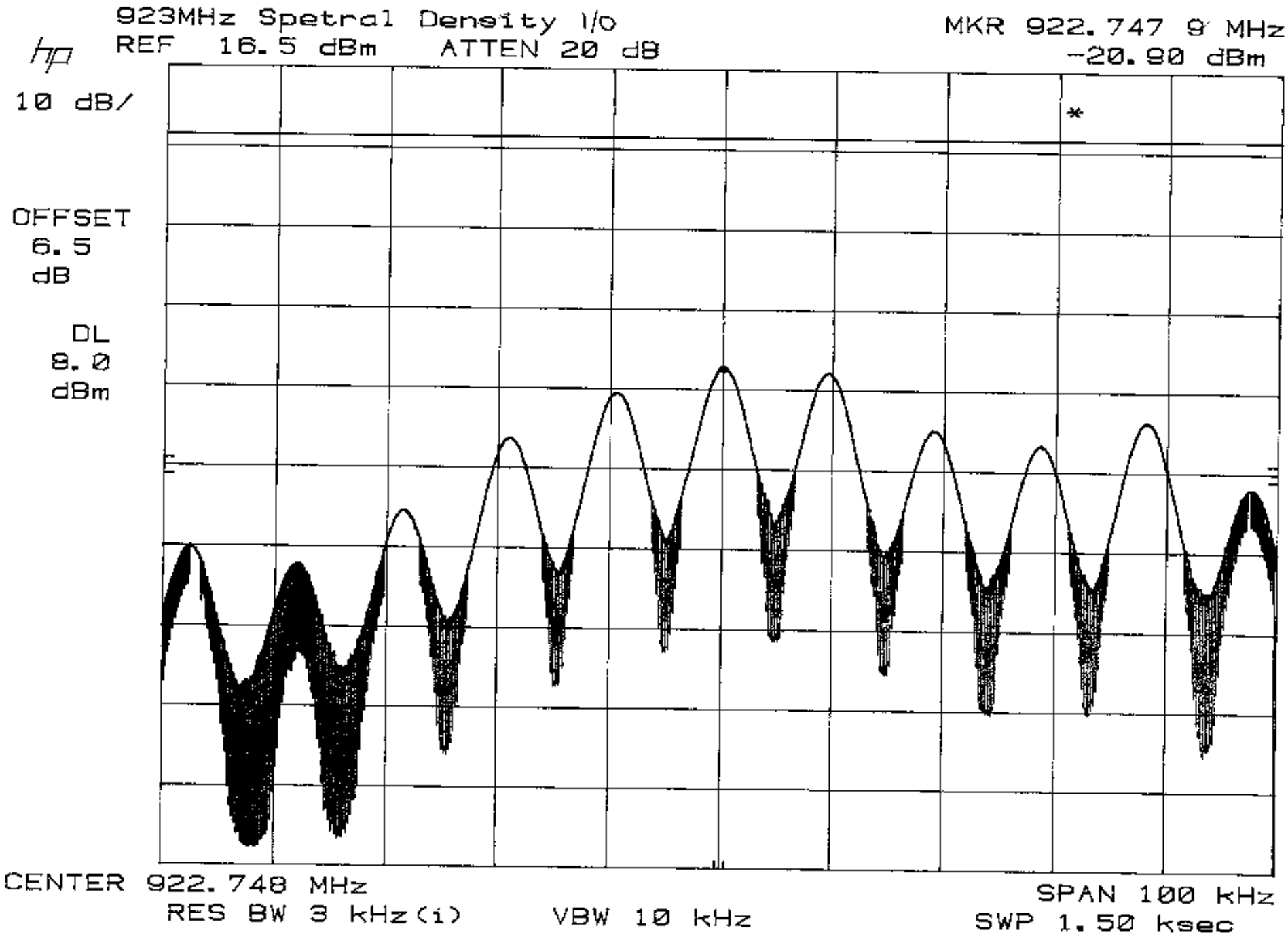

903.5 MHz Spectral Density Fox Message
hp
REF 16.5 dBm
ATTEN 20 dB
MKR 903.235 2 MHz
4.00 dBm
10 dB/
OFFSET
6.5
dB
DL
8.0
dBm
CENTER 903.235 MHz
RES BW 3 kHz(i)
VBW 10 kHz
SPAN 100 kHz
SWP 33.0 sec


903.5MHz Spetral Density I/O
REF 16.5 dBm ATTEN 20 dB
MKR 903.746 8 MHz
-0.70 dBm
10 dB/
OFFSET
6.5
dB
DL
8.0
dBm
CENTER 903.748 MHz
SPAN 100 kHz
RES BW 3 kHz(i)
VBW 10 kHz
SWP 1.50 ksec


912MHz Spectral Density FOX MESSAGE
REF 16.5 dBm ATTEN 20 dB
MKR 911.753 6 MHz
0.50 dBm
10 dB/
OFFSET
6.5
dB
DL
8.0
dBm
CENTER 911.755 MHz
SPAN 100 kHz
RES BW 3 kHz(i)
VBW 10 kHz
SWP 33.0 sec


912MHz Spetral Density I/O
REF 16.5 dBm
ATTEN 20 dB
MKR 912.256 5 MHz
-4.20 dBm
10 dB/
OFFSET
6.5
dB
DL
8.0
dBm
CENTER 912.260 MHz
RES BW 3 kHz(i)
VBW 10 kHz
SPAN 100 kHz
SWP 1.50 kaec


923MHz Spectral Density FOX message
MKR 922.778 8 MHz
REF 16.5 dBm
ATTEN 20 dB
-14.60 dBm
10 dB/
OFFSET
6.5
dB
DL
8.0
dBm
CENTER 922.780 MHz
SPAN 100 kHz
RES BW 3 kHz(i)
VBW 10 kHz
SWP 33.0 sec


923MHz Spetral Denesity I/o
REF 16.5 dBm
ATTEN 20 dB
MKR 922.747 9 MHz
-20.90 dBm
10 dB/
OFFSET
6.5
dB
DL
8.0
dBm
CENTER 922.748 MHz
RES BW 3 kHz(i)
VBW 10 kHz
SPAN 100 kHz
SWP 1.50 ksec